TRAPOLINPEER
Gensler studio kiro

ADDENDUM TO BID DOCUMENTS

ISSUED: 2025_10-30

ADD.01
2026_01-30

THE RIVANA @ RIVER DISTRICT
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

TPA PROJECT #
CN22194

This Addendum shall be considered part of the Bid Documents for the above mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Bid Documents, this Addendum shall govern and take precedence. Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be understood that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

ATTACHMENTS:

Fifteen 15) pages of 8.5x11 COVER SHEET
Thirty-four (34) sections of 8.5x11 REVISED SPECIFICATIONS
One Hundred Twenty Six (126) REVISED sheet of 30x42 DRAWING SET
Eight (8) NEW sheets of 30x42 DRAWING SET

Sheets marked X under column Not Attach'd are revised in narrative form only; ref MODIFICATIONS & CLARIFICATIONS for more information.

ADDENDUM 01 - REVISED SHEETS - PROJECT MANUAL

Not	Specification Section			Current Revision			
Attach'd	Num.	Name	Issue Date	Description	Num.	Date	Comments
	00 0010	RD PROJ MANUAL COVER	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	00 0110	TABLE OF CONTENTS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	00 3132	GEOTECHNICAL DATA	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	00 6000	PROJECT FORMS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 1000	SUMMARY	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 2300	ALTERNATES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 2500	SUBSTITUTION PROCEDURES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 2600	CONTRACT MODIFICATION PROCEDURES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 2900	PAYMENT PROCEDURES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 3100	PROJECT MANAGEMENT AND COORDINATION	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 3200	CONSTRUCTION PROGRESS DOCUMENTATION	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 6000	PRODUCT REQUIRMENTS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 7839	PROJECT RECORD DOCUMENTS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	01 7900	DEMONSTRATION AND TRAINING	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	06 1600	SHEATHING	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
	06 2023	INTERIOR FINISH CARPENTRY	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	06 4023	INTERIOR ARCHITECTURAL WOODWORK	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	07 0543	EXTERIOR CLADDING SUPPORT SYSTEMS (ALT 1)	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL

Issued by the Architect

Signature

SARAH SIMONSON
Name

ADDENDUM TO BID DOCUMENTS

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THE RIVANA @ RIVER DISTRICT
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

ADDENDUM 01 - REVISED SHEETS - PROJECT MANUAL

Not Attach'd	Specification Section			Current Revision			
	Num.	Name	Issue Date	Description	Num.	Date	Comments
	07 2100	THERMAL INSULATION	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	07 4215	METAL COMPOSITE MATERIAL WALL PANELS (ALT 1A)	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
	07 4646	FIBER CEMENT SIDING (ALT 1B)	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
	07 7200	ROOF ACCESSORIES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	08 1400	WOOD DOORS	2025_10-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
X	08 1433	STILE AND RAIL WOOD DOORS	2025_10-30	ADD.01	A1	2026_01-30	REMOVE SECTION FROM PROJECT MANUAL
	09 0561	MOISTURE VAPOR EMISSION CONTROL	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	09 2900	GYPSUM BOARD	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	09 6519	RESILIENT TILE FLOORING	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	11 3100	RESIDENTIAL APPLIANCES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	12 2413	ROLLER WINDOW SHADES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	12 3661	SIMULATED STONE COUNTERTOPS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SECTION WITH ATTACHED
	13 1100	SWIMMING POOL AND EQUIPMENT	2025_10-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
	21 31 33	ELECTRIC-DRIVE, CENTRIFUGAL FIRE PUMPS	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL
X	22 31 13	FIRE PUMP SYSTEM	2025_10-30	ADD.01	A1	2026_01-30	REMOVE SECTION FROM PROJECT MANUAL
	32 23 19	METAL SECURITY GATES	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SECTION TO PROJECT MANUAL

ADDENDUM 01 - REVISED SHEETS - DRAWING SET

Not Attach'd	Drawing Sheet			Current Revision			
	Num.	Name	Issue Date	Description	Num.	Date	Comments
	G0.01	COVER SHEET	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	G0.02	ABBREVIATIONS & GENERAL NOTES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	G1.01	LEASABLE AREA PLANS	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	LS1.01	LIFE SAFETY PLAN - LEVEL 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	LS1.02	LIFE SAFETY PLAN - LEVELS 02-04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	C1.00	DEMO	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	C2.00	SITE PLAN	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	C3.00	GRADING PLAN	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	C4.00	UTILITY PLAN	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	L2.00	MATERIALS PLANS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	L2.10	LANDSCAPE LIGHTING PLAN	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	L9.00	SITE DETAILS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	L9.10	FURNISHING DETAILS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

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Not Attach'd	Drawing Sheet Num.	Name	Issue Date	Current Revision Description	Num.	Date	Comments
	L9.11	FURNISHING DETAILS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	L9.12	FURNISHING DETAILS	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A1.01	ARCHITECTURAL SITE PLAN	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.00	OVERALL BLDG KEY PLANS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.01	SCOPE REFERENCE PLAN - LEVEL 01	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A2.02	SCOPE REFERENCE PLAN - LEVEL 02	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A2.03	SCOPE REFERENCE PLAN - LEVEL 03	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A2.04	SCOPE REFERENCE PLAN - LEVEL 04	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A2.11	AREA PLAN - LEVEL 01, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.12	AREA PLAN - LEVEL 01, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.13	AREA PLAN - LEVEL 01, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.14	AREA PLAN - LEVEL 01, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.21	AREA PLAN - LEVELS 02, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.22	AREA PLAN - LEVELS 02, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.23	AREA PLAN - LEVELS 02, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.24	AREA PLAN - LEVELS 02, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.31	AREA PLAN - LEVEL 03, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.32	AREA PLAN - LEVEL 03, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.33	AREA PLAN - LEVEL 03, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.34	AREA PLAN - LEVEL 03, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.41	AREA PLAN - LEVEL 04, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.42	AREA PLAN - LEVEL 04, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.43	AREA PLAN - LEVEL 04, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.44	AREA PLAN - LEVEL 04, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.51	OVERALL RCP - LEVEL 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.52	OVERALL RCP - LEVEL 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.53	OVERALL RCP - LEVEL 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

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ADDENDUM 01 - REVISED SHEETS - DRAWING SET

Not Attach'd	Drawing Sheet Num.	Name	Issue Date	Current Revision Description	Num.	Date	Comments
	A2.54	OVERALL RCP - LEVEL 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A2.60	OVERALL PLAN - ROOF	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A3.01	OVERALL BLDG ELEVATIONS - STREET	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A3.02	OVERALL BLDG ELEVATIONS - COURTYARD	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A4.01	ASSEMBLY TYPES - EXTERIOR WALL, FLR CLG, & ROOF	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A4.02	ASSEMBLY TYPES - INTERIOR PARTITIONS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A4.03	ASSEMBLY AND FRAMING DETAILS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A4.11	OPENINGS - DOOR SCHEDULE	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A5.00	MOCK UP	2026_01-30	ADD.01	A1	2026_01-30	ADD NEW SHEET TO BID DOCUMENT SET
	A5.01	EXTERIOR WALL SECTIONS - TYPICAL FACADES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A5.02	EXTERIOR WALL SECTIONS - RESIDENTIAL LOBBIES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A5.15	EXTERIOR DETAILS - TYPICAL OPENINGS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.01	ENLG PLANS & ELEVATIONS - RESTROOMS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.04	ENLG PLANS & ELEVATIONS - COMMUNITY ROOM	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.05	ENLG PLANS & ELEVATIONS - FITNESS CENTER	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.06	ENLG PLANS & ELEVATIONS - AMENITY LEVEL 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.07	ENLG PLANS & ELEVATIONS - AMENITY LEVEL 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.08	ENLG PLANS & ELEVATIONS - AMENITY LEVEL 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.10	ENLG PLANS AND SECTIONS - SHAFTS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.51	ENLG PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.52	ENLG PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.53	ENLG PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.54	ENLG PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.55	ENLG PLANS - ACCESSIBLE UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A6.56	INTERIOR ELEVATIONS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

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ADDENDUM 01 - REVISED SHEETS - DRAWING SET							
Not Attach'd	Drawing Sheet			Current Revision			
	Num.	Name	Issue Date	Description	Num.	Date	Comments
	A6.60	TYPICAL INTERIOR OPENING DETAILS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	A8.01	FINISH SCHEDULE	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M1.02	MECHANICAL - OVERALL PLAN - LEVEL 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M2.15	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M2.16	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M2.17	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M2.18	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M3.51	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M3.52	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M3.53	MECHANICAL - ENL PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M3.54	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	M3.55	MECHANICAL - ENL PLANS - ACCESSIBLE UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P1.02	PLUMBING - OVERALL PLAN - BELOW GRADE	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P2.05	PLUMBING - OVERALL PLAN - ROOF	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P2.11	PLUMBING - AREA PLAN - LEVEL 01, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P2.12	PLUMBING - AREA PLAN - LEVEL 01, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P2.13	PLUMBING - AREA PLAN - LEVEL 01, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P2.14	PLUMBING - AREA PLAN - LEVEL 01, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.01	PLUMBING - ENL PLANS - RESTROOMS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.04	PLUMBING - ENL PLANS - FITNESS CENTER	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.51	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.52	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.53	PLUMBING - ENL PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P3.54	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

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NEW ORLEANS, LOUISIANA 70130

ADDENDUM 01 - REVISED SHEETS - DRAWING SET							
Not Attach'd	Drawing Sheet			Current Revision			
	Num.	Name	Issue Date	Description	Num.	Date	Comments
	P3.55	PLUMBING - ENL PLANS - ACCESSIBLE UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	P6.01	PLUMBING SCHEDULES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E1.01	ELECTRICAL SITE PLAN	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.11	LIGHTING PLAN - LEVEL 01, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.12	LIGHTING PLAN - LEVEL 01, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.13	LIGHTING PLAN - LEVEL 01, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.14	LLIGHTING PLAN - LEVEL 01, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.15	LIGHTING PLAN - LEVEL 02, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.16	LIGHTING PLAN - LEVEL 02, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.17	LIGHTING PLAN - LEVEL 02, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.18	LIGHTING PLAN - LEVEL 02, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.19	LIGHTING PLAN - LEVEL 03, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.20	LIGHTING PLAN - LEVEL 03, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.21	LIGHTING PLAN - LEVEL 03, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.22	LIGHTING PLAN - LEVEL 03, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.23	LIGHTING PLAN - LEVEL 04, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.24	LIGHTING PLAN - LEVEL 04, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.25	LIGHTING PLAN - LEVEL 04, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E2.26	LIGHTING PLAN - LEVEL 04, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.11	ELECTRICAL - AREA PLAN - LEVEL 01, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.12	ELECTRICAL - AREA PLAN - LEVEL 01, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.13	ELECTRICAL - AREA PLAN - LEVEL 01, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.14	ELECTRICAL - AREA PLAN - LEVEL 01, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.15	ELECTRICAL - AREA PLAN - LEVEL 02, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

ADDENDUM TO BID DOCUMENTS

ISSUED: 2025_10-30

THE RIVANA @ RIVER DISTRICT
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

ADDENDUM 01 - REVISED SHEETS - DRAWING SET							
Not Attach'd	Drawing Sheet			Current Revision			
	Num.	Name	Issue Date	Description	Num.	Date	Comments
	E3.16	ELECTRICAL - AREA PLAN - LEVEL 02, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.17	ELECTRICAL - AREA PLAN - LEVEL 02, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.18	ELECTRICAL - AREA PLAN - LEVEL 02, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.19	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.20	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.21	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.22	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.23	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 01	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.24	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 02	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.25	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 03	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E3.26	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 04	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E4.51	ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E4.52	ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E4.53	ELECTRICAL - ENL PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E4.54	ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E4.55	ELECTRICAL - ENL PLANS - ACCESSIBLE UNITS	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E5.02	ELECTRICAL HOUSE RISER	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E5.03	ELECTRICAL RESIDENTIAL RISER	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E6.01	ELECTRICAL SCHEDULES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E6.02	ELECTRICAL SCHEDULES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET
	E6.03	ELECTRICAL SCHEDULES	2025_10-30	ADD.01	A1	2026_01-30	REPLACE PREVIOUSLY ISSUED SHEET WITH ATTACHED SHEET

MODIFICATIONS & CLARIFICATIONS:

ADDENDUM # – MODIFICATIONS TO PROJECT MANUAL		
ITEM #	**SPECIFICATION SECTION #**	**DESCRIPTION**
PM.001	00 0010	Coversheet REVISED to include Addenda information.
PM.002	00 0110	Table of contents REVISED to include all new sections added in this addendum.
PM.003	00 3132	REVISED per owner comments
PM.004	00 6000	REVISED per owner comments
PM.005	01 1000	REVISED per owner comments
PM.006	01 2300	REVISED per owner comments
PM.007	01 2500	REVISED per owner comments
PM.008	01 2600	REVISED per owner comments
PM.009	01 2900	REVISED per owner comments
PM.010	01 3100	REVISED per owner comments
PM.011	01 3200	REVISED per owner comments
PM.012	01 6000	REVISED per owner comments
PM.013	01 7839	REVISED per owner comments
PM.014	01 7900	REVISED per owner comments
PM.015	06 1600	NEW section added to clarify existing scope.
PM.016	06 2023	REVISED to clarify interior trim materials.
PM.017	06 4023	REVISED to clarify interior trim materials.
PM.018	07 0543	NEW section added for Alternate 1 – Exterior Material.
PM.018	07 2100	REVISED to clarify existing insulation scope.
PM.019	07 4215	NEW section added for Alternate 1a – Exterior Material.
PM.020	07 4646	NEW section added for Alternate 1b – Exterior Material.
PM.021	07 7200	REVISED to update roof hatch product data per owner request
PM.022	08 1400	NEW section added to provide scope on interior doors per owner direction.
PM.023	08 1433	REMOVE section from project manual, scope provided in section 08 1400.
PM.024	09 0561	REVISED to clarify scope of use for products.
PM.025	09 2900	REVISED to clarify scope of use for products, removed fire rated reveal product from scope.
PM.026	09 6519	REVISED to include Acoustic Underlayment product information.
PM.027	11 3100	REVISED to include additional manufacturers per owner request
PM.028	12 2413	REVISED to update product data per owner request
PM.029	12 3661	REVISED to clarify product scope.
PM.030	13 1100	NEW section added for Swimming Pool delegated design.
PM.031	21 3133	NEW section added – See mechanical clarifications
PM.032	22 3113	REMOVE section – See mechanical clarifications
PM.033	32 2319	NEW section added to provide scope on drive access rolling gate

ADDENDUM # – MODIFICATIONS TO DRAWING SET		
ITEM #	**SHEET #**	**DESCRIPTION**
A.001	G0.01, A1.01, A2.11, A2.12, A2.13, A2.14, A2.21, A2.22, A2.23, A2.24, A2.31, A2.32, A2.33, A2.34, A2.41, A2.42, A2.43, A2.44, A2.60, A3.01, A3.02, A4.01, A5.01, A5.02	Bid Alternates have been denoted on attached sheets for scope clarification. Alternates are listed on G0.01 and noted throughout all other sheets. **ALTERNATE #1: EXTERIOR MATERIAL AT 'SLOTS'** Provide base bid and alternate bid pricing for exterior cladding material at exterior slots. Base bid material noted as Cement Plaster, with alternate materials listed. Alternates shall include associated soffit cladding systems to replace base bid material. Refer to NEW specification sections 07 0542, 07 4215, 07 4646 for alternate material specifications. **ALTERNATE #2: EXTERIOR PARKING LOT ENTRY WALL** Provide base bid and alternate bid pricing for exterior parking lot entry wall along grid 26, between grids L and M. Bid shall include replacement of pedestrian gate X194 and Garage Rolling Gate to match Bid Alternate material. **ALTERNATE #3: COURTYARD PARAPETS AND ROOF DRAINAGE** Provide base bid and alternate bid pricing for roof edge condition and roof drainage condition at courtyard façade. **ALTERNATE #4: EXTERIOR STREET LIGHTING** Provide alternate pricing for exterior street lighting per Electrical sheets.
A.002	G0.02	General Construction Note 9 has been updated to clarify contractor and owner responsibilities in obtaining and paying for all required permits.
A.003	G1.01	NEW sheet has been added. Information provided includes all leasable areas, Residential unit mix, and unit type matrix listed by the room number on construction plans.
A.004	LS1.01, LS1.02	Building allowable area calculations have been added to Life Safety Sheets for Permitting coordination.
A.005	A1.01	Dimensions have been provided on attached Site Plan, from existing Property lines to new grid lines at building corner of Tchoupitoulas street and Euterpe street, to locate the building footprint. Clarifying notes have been added to site plan for Fire Department Permitting coordination.
A.006	A2.01, A2.02, A2.03, A2.04	NEW sheets have been added to the set upon contractor request to provide scope reference plans with all wall, door, window, and storefront tags.
A.007	A2.12	Pool Equipment Room has been relocated to exterior of building on raised Mechanical Platform slab. Room 138 has become additional building storage.
A.008	A2.52, A2.53, A2.54, A6.06, A6.07, A6.08, A8.01	Ceiling type LMC-01 has been removed from levels 02, 03, 04. Ceiling type ACT-03 has been added in place of LMC-01 in noted locations. Adjustments to some ceiling heights have been made without material change.
A.009	A6.04, A6.06, A6.07, A6.08	Ceiling mounted decorative fixtures have been removed from project. Recessed can light fixtures have been added to Meeting Room 106.1. Lay-in lighting fixture has been added to Virtual Rooms 204, 205, 206, 207, 303, 304, 305, 404, 405.
A.010	A3.01, A3.02, A5.15	Brick material pattern FB-02 has been updated to a stacked bond pattern at window jamb condition at level 01.
A.011	A4.02	Details 01, 02 – Ceiling transition trim details have been modified to have a gypsum vertical face at all ceiling transitions.

A.012	A4.03, A6.01, A6.04, A6.06, A6.56, A6.60	Details 09, 10 on A4.03 have been updated to clarify flood hardy construction with paperless gypsum at all Level 01 walls from slab to rated lid. Fire rated reveal has been removed from scope. Interior elevations have been updated to remove gypsum reveals.
A.013	A4.11	Door schedule has been updated to indicate door height modifications for public spaces. Unit door schedule has been updated to indicate door thickness, height, and material changes.
A.014	A5.00	NEW sheet added for scope of stand-alone mockup.
A.015	A6.10	Description for Trash room 172 overhead coiling door has been updated to include size of door.
A.016	A6.51, A6.52, A6.53, A6.54, A6.55,	Sheets have been updated to include clarifications for Fire Marshal and Permitting approvals.
A.017	A8.01	Interior finish legend has been updated to include additional ACT-03 type, missing information noted elsewhere in set for LVT types and SC-1 types, and a modification to WS-1 to match owner-requested product.
C.001	C1.00, C2.00, C3.00, C4.00	REVISED sheets to clarify the division of scope between parcel 5b (project site) and parcel 5a (not in contract)
C.002	C3.00	REVISED to update grading information for coordination with Landscape documents.
C.003	C4.00	REVISED to update utility connection information
L.001	L2.10	NEW sheet added to include Landscape lighting per Owner comment. Product information is included on the sheet.
L.002	L2.00, L9.12	REVISED plans and NEW details to provide additional information on vehicular sliding gate
L.003	L9.00, L9.10	REVISED sheets to clarify detail and specification scope.

SPECIFICATIONS

SECTION 22 31 13 FIRE PUMP SYSTEM
1. Section was removed from the project in its entirety.

SECTION 21 31 33 ELECTRIC-DRIVE, CENTRIFUGAL FIRE PUMPS
1. Add the attached section in its entirety.

DRAWINGS

M1.02 MECHANICAL – OVERALL PLAN – LEVEL 02
1. Refer to LEVEL 02 – MECHANICAL PLAN: Duct revisions.

M2.15 MECHANICAL – AREA PLAN – LEVELS 02-04, AREA 01
1. Refer to LEVELS 02-04 – MECHANICAL PLAN – AREA 01: Duct revisions.

M2.15 MECHANICAL – AREA PLAN – LEVELS 02-04, AREA 02
1. Refer to LEVELS 02-04 – MECHANICAL PLAN – AREA 02: Duct revisions.

M2.15 MECHANICAL – AREA PLAN – LEVELS 02-04, AREA 03
1. REFER TO LEVELS 02-04 – MECHANICAL PLAN – AREA 03: Duct Revisions.

M2.15 MECHANICAL – AREA PLAN – LEVELS 02-04, AREA 04
1. REFER TO LEVELS 02-04 – MECHANICAL PLAN – AREA 04: Duct revisions.

M3.51 MECHANICAL ENLARGED PLANS – RESIDENTIAL UNITS
1. Refer to TYPICAL 1BED 1BATH: Duct revisions.
2. Refer to TYPICAL 2BED 2BATH: Duct revisions.

M3.52 MECHANICAL ENLARGED PLANS – RESIDENTIAL UNITS
1. Refer to TYPICAL STUDIO TYPE 2: Duct revisions.
2. Refer to TYPICAL STUDIO TYPE 1: Duct revisions.
3. Refer to TYPICAL STUDIO: Duct revisions.

M3.53 MECHANICAL ENLARGED PLANS – RESIDENTIAL UNITS
1. Refer to TYPICAL 1 BED TYPE 4: Duct revisions.
2. Refer to TYPICAL 1 BED TYPE 3: Duct revisions.
3. Refer to TYPICAL 1 BED TYPE 2: Duct revisions.
4. Refer to TYPICAL 1 BED TYPE 1: Duct revisions.

M3.54 MECHANICAL ENLARGED PLANS – RESIDENTIAL UNITS
1. Refer to TYPICAL 1 BED TYPE 5: Duct revisions.
2. Refer to TYPICAL 2 BED TYPE 1: Duct revisions.

M3.55 MECHANICAL ENLARGED PLANS – RESIDENTIAL UNITS
1. Refer to STUDIO ACCESSIBLE: Duct revisions.
2. Refer to 1 BED 1 BATH ACCESSIBLE: Duct revisions.
3. Refer to 2 BD RM ACCESSIBLE UNIT: Duct revisions.

E1.01 ELECTRICAL SITE PLAN
1. Added transformer #2 and resized transformer #1 reflecting the building load split between 2 transformer locations.
2. Added the new Entergy switch ahead of transformer #1 and #2.
3. Alternate #4 lighting added around the perimeter of the building.

E2.11-E2.26 ELECTRICAL LIGHTING PLAN
1. Lighting has been circuited.
2. Emergency lighting has been added throughout project.
3. Lighting layouts have been updated to match Architects' locations.

E3.11-E3.26 ELECTRICAL POWER PLANS
1. All mechanical units have been circuited throughout the project.
2. Fire alarm devices have been updated.

E4.51-E4.55 ELECTRICAL UNIT PLANS
1. Updated room layouts include dehumidifier and motorized damper.
2. Updated lighting and receptacle layouts per Unit layout changes.
3. Panel schedules for Units revised.

E5.02-E5.03 ELECTRICAL RISER
1. Revised Riser per new utility coordination. Second Transformer added.

E6.01-E6.03 ELECTRICAL SCHEDULES
1. Lighting fixture schedule revised to add emergency fixtures.
2. Unit load center schedules updated per changes in units.
3. Panel schedules updated with changes from lighting and power revisions.

P1.02 – PLUMBING – OVERALL PLAN – BELOW GRADE
2. Revised piping.
3. Add Keyed Notes.

P2.05 – PLUMBING – OVERALL PLAN - ROOF
1. Add plumbing vents thru roof:

P2.11 – PLUMBING – AREA PLAN – LEVEL 01 – AREA 01
1. Revised piping.
2. Add Keyed Notes

P2.12 – PLUMBING – AREA PLAN – LEVEL 01 – AREA 02
1. Revised piping.
2. Add Keyed Notes

P2.13 – PLUMBING – AREA PLAN – LEVEL 01 – AREA 03
1. Revised piping.
2. Add Keyed Notes

P2.14 – PLUMBING – AREA PLAN – LEVEL 01 – AREA 04
3. Revised piping.
4. Add Keyed Notes

P3.01 – PLUMBING – ENL PLANS– RESTROOMS
1. Revised piping.
2. Add below grade plans.

P3.04 – PLUMBING – ENL PLANS– FITNESS CENTER
1. Revised piping.

P3.51 – PLUMBING – ENL PLANS– RESIDENTIAL UNITS
1. Revised piping.

P3.52 – PLUMBING – ENL PLANS– RESIDENTIAL UNITS
1. Revised piping.

P3.53 – PLUMBING – ENL PLANS– A TYP - RESIDENTIAL UNITS
1. Revised piping.

P3.54 – PLUMBING – ENL PLANS– RESIDENTIAL UNITS
1. Revised piping.

P3.55 – PLUMBING – ENL PLANS– ACCESSIBLE UNITS
1. Revised piping.

P6.01 – PLUMBING SCHEDULES
1. Revised Electric Water Heater Schedule.
2. Revised Fire Pump System Schedule.

CLARIFICATIONS

1. Section 23 31 13 Ductwork: Mechanical sheets M3.51, M3.52, M3.53, M3.54, M3.55, enlarged views of typical apartments, have been revised to reflect revision of duct type inside of residential units. The use of ductboard (See 23 31 13, 2.7) may be used for the construction of the main supply air trunk, while flexible duct (See 23 31 13, 2.6) may be used for the branch ducts routed from the main supply trunk to the air terminals at the ceiling.

MODIFICATIONS & CLARIFICATIONS CONTINUED:

ADDENDUM #01 – REQUESTS FOR SUBSTITUTION		
ITEM #	**SPECIFICATION SECTION #**	**DESCRIPTION**
SR.001	07 8413 – PENETRATION FIRESTOPPING	Proposed substitution has been accepted.
SR.002	08 4113 – ALUMINUM FRAMED ENTRANCES AND STOREFRONTS	Proposed substitution of US Aluminum Stormfront IT600 hurricane rated exterior framing system and entrance system is acceptable as a substitution for the exterior storefront system and doors per 2.4.A.1. Substitution for Interior storefront systems noted in section 2.4.A.2 has not been provided for review and is not approved in this response. If US Aluminum is requested as a substitution for interior storefront framing, that request shall be submitted separately for approval.
SR.003	09 5423 – LINEAR METAL CEILINGS	Proposed substitution of Box 6 Linear Metal Ceiling has been accepted.
SR.004	12 3530 – RESIDENTIAL CASEWORK	Proposed substitution of Northpoint Cabinets has been rejected due to color and finish availability. Use specified materials.

CSI Form 1.5C

SUBSTITUTION REQUEST
(During the Bid Period)

Project: The Rivana @ River District

Substitution Request Number: _____

From: 3D Construction llc

To: Traplin Peer / Gensler / Studio Kiro

Date: 11/10/25

A/E Project Number: _____

Re: _____

Contract For: _____

Specification Title: Penetration Firestopping

Description: Manufacturers

Section: 078413 Page: 2

Article/Paragraph: 2.2

Proposed Substitution: Metacaulk Penetration Firestopping Systems

Manufacturer: Rectorseal Address: [illegible] Phone: 713-929-4314

Trade Name: Metacaulk

Model No.: 150ct, 1000 Putty Pads intumescent Sleeve, Wrap Strip, Pillows

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: [signature]

Signed by: David Comeaux Jr

Firm: 3D Construction llc

Address: 3433 US Hwy 190 #282
Mandeville, La 70471

Telephone: 985-646-2635

A/E's REVIEW AND ACTION

- [x] Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- [ ] Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- [ ] Substitution rejected - Use specified materials.
- [ ] Substitution Request received too late - Use specified materials.

Signed by: Alexander Tuck

Date: 01/28/2026

Supporting Data Attached: [x] Drawings [x] Product Data [ ] Samples [x] Tests [x] Reports [ ] _____

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This is not an official CSI Construction Contract Administration (CCA) Form. Please use CSI's official CCA Forms if required by your project needs.

RECTORSEAL

A CSW Industrials Company

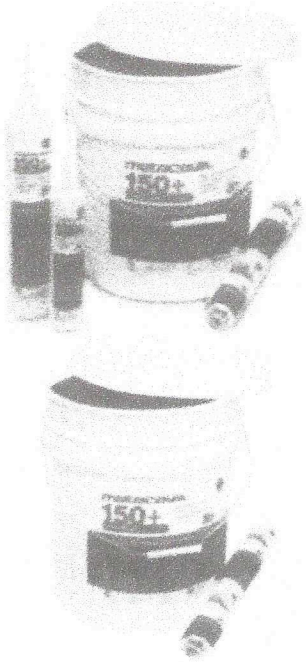
PRODUCT DATA SHEET

METACAULK® 150+

General Purpose Firestop Sealant

Description

Metacaulk 150+ is a one component, general purpose fire rated sealant, acoustic sealant and smoke seal for construction joints and through-penetrations. Metacaulk 150+ is a water based, non-sag caulking grade sealant that is easy to apply as well as retrofit. It cures to an elastomeric seal that is suitable where dynamic movement is expected. In the event of a fire, Metacaulk 150+ will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. No dilution or mixing is required for use. No special skills are necessary for installation. Metacaulk 150+ is applied with a conventional caulking gun, bulk loading gun or can be troweled from the pail. For large applications, it can be pumped directly from the pail. Metacaulk 150+ systems are rated for up to 4 hours in accordance with ASTM E814 (UL 1479) and ASTM E1966 (UL 2079) test standards. Metacaulk 150+ is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides.



Applications

Metacaulk 150+ can be used in interior applications as a general purpose fire rated sealant, acoustic sealant and smoke seal for construction joints on both vertical and horizontal surfaces. Metacaulk 150+ is also an excellent fire rated acoustical sealant and can be used in areas under constant vibration or movement. Metacaulk 150+ can also be used on various penetrations such as EMT, telephone & power cables in concrete floors and walls, gypsum walls as well as wood floors. Use Metacaulk 150+ to prevent the spread of fire and smoke through joints in fire rated gypsum wallboard partitions, concrete block or concrete walls and/or concrete or corrugated steel deck floor/ceiling assemblies.

Characteristics | Features

- Water based
- Excellent freeze-thaw
- Flexible set
- Paintable
- VOC compliant
- Safe and easy to use
- 3 Year shelf life
- STC rating 65

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66648	10.3 oz cartridge	12	8x6x12	.34
66385	20.2 oz foil pack	12	9x14x7	.51
66383	30 oz. cartridge	12	11x9x17	.97
66389	5 Gallon	1	13 dia x14	1.08
Gray				
66424	20.2 oz foil pack	12	9x14x7	.51
66425	5 gallon	1	13 dia x 14	1.08

Product Comparison

RECTORSEAL
A CSW Industrials Company
metacaulk®

CP 606 and FS-One Max

Cannot match 150+

It takes 2 Hilti products

to cover 150+

capabilities

SECTION 16: Other information

Revision date 07/04/2017

Full text of H-statements:

H350	May cause cancer

Metacaulk® MC 150+

Elastomeric and Intumescent

Joints and penetrations

Storage temp:

35-120°F

Shelf life:

3 years

RECTORSEAL

A CSW Industrials Company

PRODUCT DATA SHEET

METACAULK® PUTTY & PADS

Fire-rated pad or stick

Description

Metacaulk Putty is a moldable non-curing one component fire rated material for through-penetration firestop systems. Metacaulk Putty will intumesce when heated, forming an insulating char. In the event of a fire, Metacaulk Putty will prevent the spread of flames, smoke, gas and water through penetration openings. Metacaulk Putty is applied by hand, no tools or mixing is required.

Applications

Use Metacaulk Fire Rated Putty for various penetrations: small openings, EMT Pipe, Steel, Conduit, and Cabling, (Telephone, Power, Communications), metal or non-metallic electrical boxes, large steel boxes and junction boxes. UL approved designs using Metacaulk Putty Pads with FRM Mortar designs to help provide a barrier or buffer for energized bus ducts or conduits as well as provide a barrier from vibration and movement.

Characteristics | Features

- Expands when exposed to fire
- No volatile solvents
- No asbestos fillers
- Single Component
- Applied by hand
- Adheres to all common building surfaces
- STC rating 60 - Pads

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66345	18 cubic in	12	5 x 11 x 8	.25
66340	6 x 7 x 1/8	20	8 x 7 x 4	.13
66335	7 x 7 x 1/8	20	8 x 8 x 4	.15
66475	9 x 9 x 1/8	20	9 x 9 x 4	.19

Installation Data

PUTTY: Penetrating items should be firmly anchored. Clean opening of dust, dirt and oil. Refer to RectorSeal® application guide or current UL Product iQ™ for selection of proper system design detailing depths of putty and backing material. Optionally, putty may be packed into inside of conduit fittings to prevent passage of smoke.

PUTTY PADS: Remove liner from one side of pad (Step 1). Align with the side of the box partially overlapping the stud and adhere. Work pad to the opposite side of the box and over the edges (Step 2). If wall membrane is in place, pack putty into gaps between box and gypsum board slightly overlapping inner wallboard surface. If membrane is to be installed after pad installation, overlap front edge of box so that putty will be compressed around edges of box as wallboard is installed. Cut slits in pad to fit around conduit or cables (Step 3). Press pad to surface of top, bottom, and sides of box (Step 4). Trim excess at corners and apply to conduit fittings connected to the box. Remove exposed liner. Only one putty pad thickness (1/8") is needed for a 1 or 2 hour rating.

Product Comparison

RECTORSEAL
A CSW Industrials Company
metacaulk®

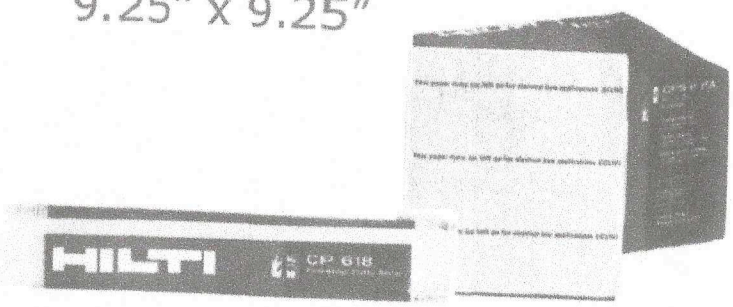
CFS-P PA and CP 618 putty

Putty pad for electrical boxes

STC - 59

Sizes:

6" x 7"
7.25" x 7.25"
9.25" x 9.25"



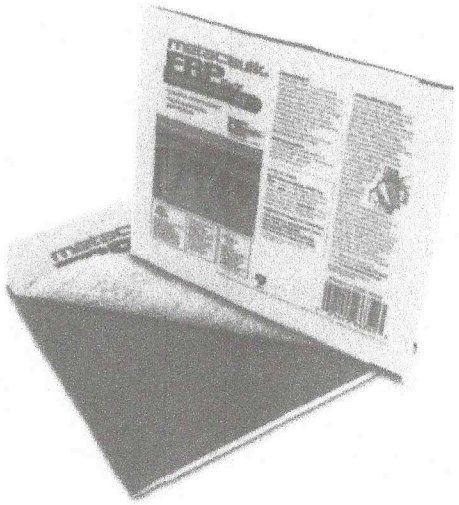
Metacaulk® Fire-Rated Putty Pads

High grade putty pad for metallic or plastic electrical boxes

STC - 60

Sizes:

6" x 7"
7" x 7"



RECTORSEAL

A CSW Industrials Company

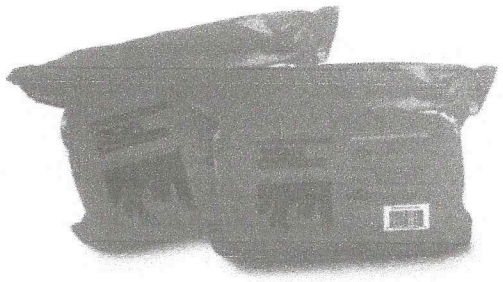
PRODUCT DATA SHEET

METACAULK® FIRESTOP PILLOWS

Intumescent Pillows for Large Openings

Description

Metacaulk® Firestop Pillows are designed for use primarily in large openings with cables, cable trays, blank openings or multiple penetrating items. In the event of a fire, Metacaulk Firestop Pillows will prevent the spread of flames and hot gases through the openings. Since no cure time is required, RectorSeal® Firestop Pillows are ready to install. Metacaulk Firestop Pillows are reusable since they can be removed and reinstalled if necessary.



Applications

Metacaulk Firestop Pillows are generally used for larger openings. These openings may contain cables, cable trays, pipes, conduits or nothing at all. They are also excellent for temporary openings.

Characteristics | Features

- Easy to install - No tools required
- Versatile
- Highly intumescent
- Forms a very hard char when burned
- No Wire Mesh Required in Certain Installations

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66362	2"x9"x6"	10	11 1/4 x9 1/4 x12 1/2	.34
66363	3"x9"x6"	10	10x17x13	.51

Installation Data

Estimate the number of bags required, by performing the following calculation.

A) Calculate the size in square inches of the opening to be firestopped.
B) Calculate the area in square inches required by the penetrating items.
C)Subtract (B) from (A) and divide by the coverage shown in the chart below.

Pillow Size	30% Compression	20% Compression
3"x9"x6"	18.90 sq. in.	21.60 sq. in.
2"x9"x6"	12.60 sq. in.	14.40 sq. in.

Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None
Color	Red
Sizes	2"x9"x6" 3"x9"x9"

Product Comparison

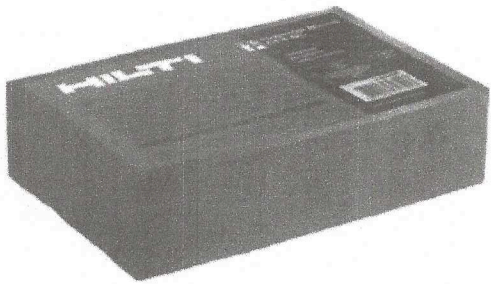
RECTORSEAL
A CSW Industrials Company
metacaulk®

CFS-BL Firestop block

Intumescent rectangular block

Size:

2" x 5" x 8"

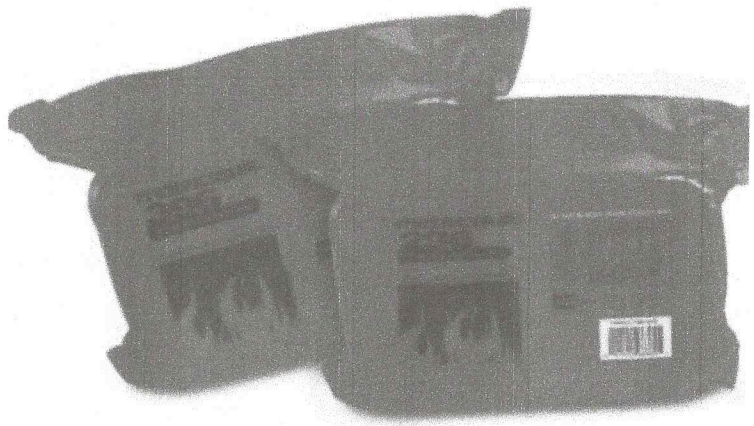


Metacaulk® Firestop Pillows

Highly intumescent rectangular pillow

Sizes:

2" x 6" x 9"
3" x 6" x 9"



RECTORSEAL

A CSW Industrials Company

PRODUCT DATA SHEET

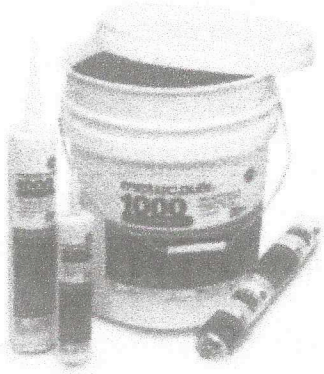
METACAULK® 1000

Highly Intumescent Firestop Sealant

Description

Metacaulk 1000 is a single component, general purpose fire rated sealant and smoke seal for construction joints and through-penetrations. Metacaulk 1000 is a water based, extremely intumescent, non-sag caulking grade sealant that is easy to apply. It cures to an elastomeric seal that is suitable where dynamic movement is expected.

In the event of a fire, Metacaulk 1000 will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. Metacaulk 1000 systems are rated for 1, 2, 3 and 4 hours in accordance with the ASTM E814 (UL1479), ASTM E1966 (UL 2079) and CAN/ULC-S115 test standards. Metacaulk 1000 is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides. Tested by a third party independent laboratory to the ASTM G21 standard with Fungal Growth Rating results of zero.



Applications

Metacaulk 1000 can be used in interior applications as a general purpose fire rated sealant and smoke seal for construction joints, through penetrations and blank openings on both vertical and horizontal surfaces. Use Metacaulk 1000 to prevent the spread of fire and smoke through joints in fire rated gypsum wallboard partitions, concrete block or concrete walls and/or concrete or corrugated steel deck floor/ceiling assemblies. Metacaulk 1000 is also an excellent fire rated acoustical sealant and can be used in areas under constant vibration or movement to reduce the transfer of noise through assemblies. Metacaulk 1000 can also be used on various penetrations such as EMT, telephone & power cables, insulated pipes, etc. in concrete floors and walls, gypsum walls as well as wood floors.

Characteristics | Features

- Water based
- Excellent freeze-thaw
- Flexible set
- Highly intumescent
- Paintable
- VOC compliant
- Safe and easy to use
- 3 Year shelf life

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66640	10.3 oz cartridge	12	8x6x12	.34
66312	20.2 oz foil pack	12	9x14x7	.51
66303	30 oz. cartridge	12	11x9x17	.97
66309	5 Gallon	1	13 dia x14	1.08

RECTORSEAL

A CSW Industrials Company

PRODUCT DATA SHEET

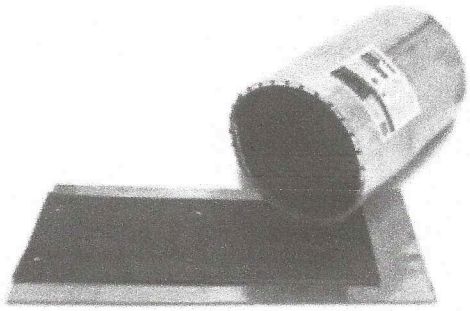
METACAULK® INTUMESCENT SLEEVE

Firestop Device

Description

Metacaulk® Intumescent Sleeve is a firestop seal for PVC, cc-PVC, CPVC, FRPP, PP, ABS and PVDF pipe and rigid, non-metallic conduit installations. Easily installed without modifications, steel bolts or fasteners, the Intumescent Sleeve is an ideal approach for firestopping combustible pipes penetrating the uneven contours of a concrete fluted deck assembly. It eliminates the need for collars or wrap strips and is great for use on pipes that penetrate walls at less than a 90° angle. It also eliminates the need to firestop on both sides of a penetration.

The Intumescent Sleeve easily wraps around pipes and is manufactured from a durable galvanized steel outer shell that is lined with a highly intumescent material. The Intumescent Sleeve is fastened with either fiberglass tape, pop rivets or hose clamps around the pipe. When used with Metacaulk® 1000 or 150+ Sealant, it produces an immediate smoke seal.



Applications

Metacaulk Intumescent Sleeve will firestop both sides of wall when installed from either side and provides a cost-effective alternative to collars for pipes going through walls and floors. The Intumescent Sleeve can also be used in applications that require retrofit.

The Intumescent Sleeve can be used with PVC, cc-PVC, CPVC, FRPP, PP, ABS and PVDF pipe and rigid, non-metallic conduits in sizes ranging from 2 inch to 8 inch. The Sleeve has been tested for use in concrete floor/wall installations and concrete fluted deck assemblies. For application with 8 inch (20 cm) diameter or smaller PVC and CPVC, the sleeve has been approved with an optional sleeve (S/10 or heavier) cast or grouted into the floor or wall.

Characteristics | Features

- Easy installation
- Economical
- No measurement of material required
- Can be retrofitted, easily removed and replaced
- Highly intumescent
- Tested for PVC, CPVC, ABS and PVC/ABS Foam Core, FRPP, PP, PVDF

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66584	2", 3", 4"	6	20x9x2	.21
66582	6", 8"	1	18x8x.25	.02

Installation Data

RectorSeal Intumescent Sleeves are pre-firestopped and very easy to install

Step 1 Select the proper sleeve to fit the diameter of pipe used – Use the 234 sleeve for 2 in. (51 mm) or 3 in. (76 mm) or 4 in. (102 mm) diameter pipe OR the 68 sleeve for 6 in. (152 mm) or 8 in. (203 mm) diameter pipe.

Step 2 Determine the number of Sleeves required for application.

Step 3 Determine method of sleeve fastening to be used (fiberglass tape, pop rivets, hose clamps or tie wire).

Product Comparison

RECTORSEAL
A CSW Industrials Company
metacaulk®

CFS-DID Drop-in device

Intumescent steel sleeve for floor penetrations through core drilled holes

* Installed before penetrant

Sizes:

2"-6"

Metacaulk® Intumescent Sleeve

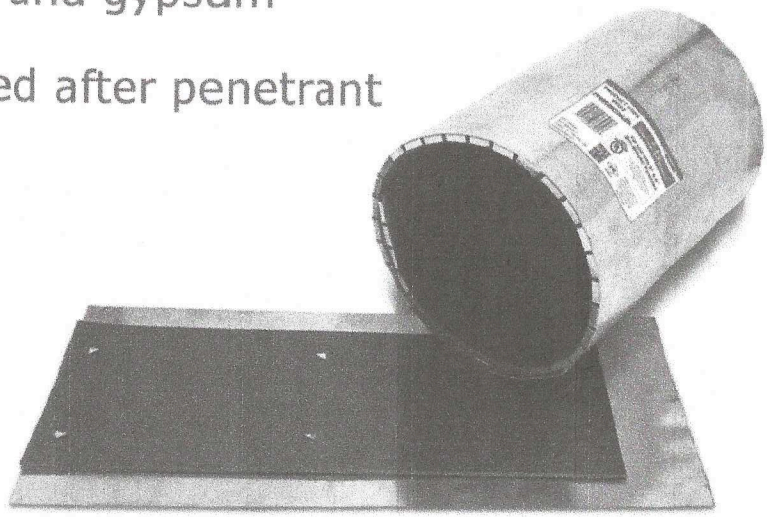
Intumescent steel sleeve for floor and wall penetrations

Masonry and gypsum

* Installed after penetrant

Sizes:

2"- 4"
6"- 8"



RECTORSEAL

A CSW Industrials Company

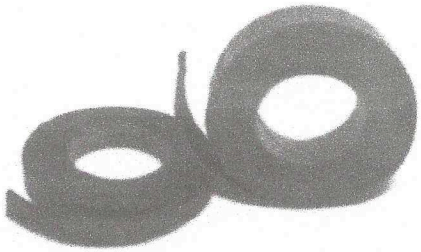
PRODUCT DATA SHEET

METACAULK® WRAP STRIP

For Penetration

Description

Metacaulk® Wrap Strip is a strip of highly intumescent firestop material used primarily for plastic and insulated pipe applications. When exposed to heat, this product expands and forms a hard char to seal off the penetration preventing the passage of flames and hot gases.



Applications

Metacaulk Wrap Strip can firestop difficult penetrations such as plastic pipe, and insulated pipe.

Packaging

Code	Size	Qty. per Case
66440	1"x18'	2
66441	1"x36'	4
66442	2"x18'	1
66443	2"x36'	2

Characteristics | Features

- Easy to install
- Cost effective
- Versatile, Flexible
- Highly intumescent
- Excellent freeze/thaw characteristics
- Long length means less waste
- Forms a very hard char when burned

Installation Data

Metacaulk Wrap Strip is simple to install. Tightly wrap the required number of strips continuously around the penetrant to completely fill the annular space or as required by system design. Push the strips into the opening to the required depth. If a cold smoke seal is required, apply the recommended sealant in the opening over the strips.

Consult UL Directory for complete instructions and system listings.

Testing Data

Metacaulk Wrap Strip is classified by Underwriters Laboratories as a Fill, Void or Cavity Material. For specific test criteria, see UL Product iQ or call RECTORSEAL. Metacaulk Wrap Strip was tested at positive pressure for a minimum .01 inches (2.5 Pa) of water in accordance with UL 1479 and ASTM E 814 test standards. Tested to the time-temperature requirements of ASTM E119 (UL 263). Tested to CAN/ULC-S115 (Fire Tests of Firestop Systems) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops. Tested by a third party independent laboratory to the ASTM G21 standard with Fungal Growth Rating results of zero.

FBC™ System Compatible* indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan® and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None

Activation of Intumescence:	
Expansion Begins	375°F (190°C)
Expansion Greatest	575°F - 1100°F 302°C - 593°C

Color	Black
Freeze/Thaw	Excellent

ASTM E 84, UL 723 Tunnel Test	
Flame Spread	5
Smoke Index	5

Product Comparison

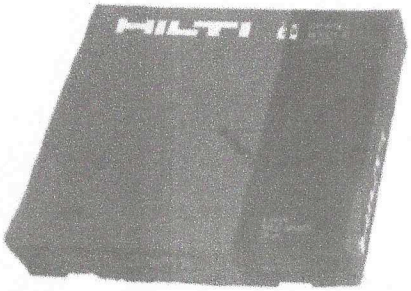
RECTORSEAL
A CSW Industrials Company
metacaulk®

CP 648-E Firestop Endless Wrap Strips

Flexible intumescent strip

Sizes:

1″ x 3/16″ x 33′
1.75″ x 3/16″ x 33′

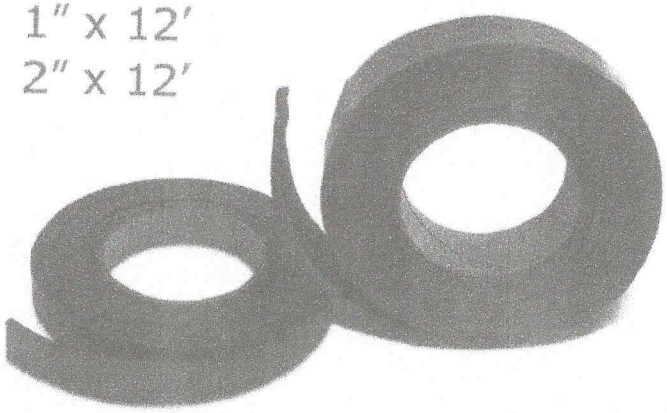


Metacaulk® Firestop Wrap Strips

Flexible intumescent strip

Sizes:

1″ x 12′
2″ x 12′



A CSW Industrials Company

LIMITED WARRANTY

Metacaulk® Firestop Products

RectorSeal, LLC ("RectorSeal") warrants the following:

1. LIMITED WARRANTY

The product subject to this sale complies with all test standards referenced in the product's corresponding product data sheet (PDS) which is available at www.metacaulk.com, and will be of good quality and workmanship and conform to the product's performance specifications for a period of 30 years from the date the product is installed (the "Warranty Period").

If during the Warranty Period, the product is found to be defective or otherwise fails in normal use by reason of faulty design, workmanship or materials, then the purchaser must promptly notify RectorSeal within 15 days of such determination (a "Defect Notice"). RectorSeal will then inspect the product and determine, in its reasonable judgment, whether an adjustment, repair, or replacement of the product is warranted, and if so, promptly make the adjustment, repair, or replacement at no additional charge to the purchaser.

RectorSeal may elect to repair the product on site or have the product returned to RectorSeal's premises. If the product is returned to RectorSeal, risk of loss to the product will at all times remain with the purchaser, and shipping costs will be borne by RectorSeal where the product defect is covered by this Limited Warranty. Replacement product will, to the extent such product is then available in the manufacturer's inventory, be of a similar type of color and kind.

The Warranty Period will be tolled upon RectorSeal's receipt of a Defect Notice.

The foregoing Limited Warranty will be voided in the following conditions:

(i) The product has not been used or stored (with proper documentation) in a manner consistent with the applicable operating and maintenance instructions of RectorSeal or in compliance with the proper use or purpose intended by RectorSeal;
(ii) The installation or application of the product has not been performed in accordance with installation instructions applicable to the product (i.e. certified third-party firestop system design specifications such as those found in the UL Product iQ Directory);
(iii) The product defect has been caused by accident, abuse, misuse or unauthorized alteration;
(iv) The product defect has arisen from a design, specification, component or material supplied by or on behalf of the purchaser or a third party; or
(v) The product or any part of the product has been used or combined with goods, products, hardware or other materials, or has been reconstructed, repaired or replaced with a part not supplied or approved by RectorSeal.

2. LIMITATION OF LIABILITY AND DISCLAIMER

The terms set forth herein are purchaser's exclusive remedy for breach of this Limited Warranty. RectorSeal does not warrant any products or services not provided by RectorSeal, or any third-party products or services that incorporate the products. This Limited Warranty does not cover replacement labor and RectorSeal's sole liability under this Limited Warranty is limited to the replacement of the defective product or a refund of the purchase price.

THIS WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES WHETHER WRITTEN OR ORAL, EXPRESS OR IMPLIED, BY LAW, COURCE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY WILL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST RECTORSEAL.

RECTORSEAL WILL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR PUNITIVE DAMAGES, WHETHER DIRECT OR INDIRECT, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, DAMAGE TO THE BUILDING, OR ITS CONTENTS, NOR WILL RECTORSEAL BE LIABLE FOR ANY DAMAGES WHICH ARE BASED ON NEGLIGENCE, BREACH OF WARRANTY, OR ANY OTHER THEORY, OTHER THAN THE LIMITED LIABILITY SET FORTH HEREIN.

New Orleans Glass
company

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Fax: 504-822-0001
Email: info@sowalls.com

December 1, 2025

Gibbs Construction
5736 Citrus Blvd.
Suite 200
Harahan, LA 70123
Attn: Ryan Casteix

RE: The Rivana

Ryan,

Attached please find substitution information for Section 084113 – Aluminum Storefront & Doors.

Our proposed substitution, United States Aluminum IT600 is the exact same size and has similar performance values as the specified product, YKK 50TU.

The specified glass for the job is Guardian SN68. The U-Value for this product is .28. I have noted the system U-Values, (in yellow), on both the YKK and United States Aluminum product data.

Please call with questions.

Sincerely,

William Gardner
New Orleans Glass President

CSI Form 1.5C

SUBSTITUTION REQUEST
(During the Bid Period)

Project: The Rivanna River District

Substitution Request Number:

To: Gibbs Construction LLC

From:

Date:

Ryan Castick

A/E Project Number:

Re: Proposed Substitution

Contract For:

Specification Title: Alum Framed Ent's and Storefronts

Description: Windows + Doors

Section: 084113 Page: 1-10

Article/Paragraph: Art 2.4, Paragraph 1 & 2

Proposed Substitution: United States Aluminum IT600 Firming & Impact Rated Doors

Manufacturer: U.S. Aluminum Address: Waxahachie, TX Phone: 1-800-627-6440

Trade Name: Model No.: IT600 Firming / Doors

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: New Orleans Glass Company, Inc William R. Gardner

Signed by:

Firm: New Orleans Glass Company, Inc

Address: 2312 Tulane Ave
N.O., LA. 70119

Telephone: 504-250-4597

Proposed substitution of US Aluminum Stormfront IT600 hurricane rated exterior framing system and entrance system is acceptable as a substitution for the exterior storefront system and doors per 2.4.A.1. Substitution for Interior storefront systems noted in section 2.4.A.2 has not been provided for review and is not approved in this response. If US Aluminum is requested as a substitution for interior storefront framing, that request shall be submitted separately for approval.

A/E's REVIEW AND ACTION

☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☑ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Alexander Tuck Date: 01/28/2026

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

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YKK AP®

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ProTek®

YKK AP Hurricane & Blast Solutions

North Charleston Public Works Building - Charleston, SC

YHS 50 TU

Thermally Broken, Impact Resistant and Blast Mitigating Storefront

The **YHS 50 TU** is a high performance storefront system designed for insulating glass 1" to 1-5/16" thick. With varied infill and components, YHS 50 TU can meet the requirements for Impact Resistance and/or Blast Mitigation. This system is thermally broken by ThermaBond Plus® technology and easily integrates with H and HL Series entrances with medium/wide stiles.

- **Hurricane Impact** - Large & Small Missle
  - Wind Zone 3 & FPA/Florida HVHZ
  - Approved for Missile Level E
- **Blast Mitigation** - Static and Dynamic Analysis capability to meet DoD, GSA and VA standards
- A Pre-Glazed option along with Field
- Design Pressures up to 70 psf
- Engineered corners reduce job time
- Sill Flashing with 3pt attachment, no blind seals and taller back leg for better water resistance

Configuration:

Glazing	Glass Setting	Installation
Outside & Inside	Center Set	Screw Spline

Thermal Values:

U-Factor:	Values as low as **0.34***
CRF:	Minimum **57**frame and **65**glass

*Based on AAMA 507. Lower values may be achieved through further simulation.

YHS 50 TU SPECS			
Base Depth	5"		
Sightline	2-1/2" (Field), 2-3/4" (Pre-Glazed)		
Config	Inside (Dry), Outside (Wet/Dry) / Center Set		
Tested Glass	1-5/16" Laminating IGU with Low-E (C.O.G. U-Factor: 0.29)		
Test	Results		Standards
Air Infiltration	0.06 CFM/FT² (1.10 m³/h·m²) @ 6.24 PSF (299 Pa)		ASTM E 283
Water Infiltration	(Field) **Static:** 12 PSF (575 Pa)	(Pre-Glazed) **Static:** 15 PSF (718 Pa)	ASTM E 331
Acoustical (1-1/4" IGU)	(Field) **Lam STC:** 39 **Lam OITC:** 33	(Pre-Glazed) **Lam STC:** 40 **Lam OITC:** 33	ASTM E 90 ASTM E 1425

Thermal Performance								
Mullion Depth	U-Factor - BTU/hr·ft²·°F						CRF	
1-5/16" Laminated IGU - Field Glazed								
2-1/2" x 5" Large Missile	0.46	0.44	0.43	0.41	0.40	0.38	59	78
2-1/2" x 5" Small Missile	0.46	0.44	0.42	0.41	0.39	0.38	57	78
1-5/16" Laminated IGU - Pre-Glazed								
2-1/2" x 5"	0.42	0.41	0.39	0.37	0.36	0.34	61	65
Center of Glass	**0.30**	**0.28**	**0.26**	**0.24**	**0.22**	**0.20**	**Frame**	**Glass**
AAMA 507							AAMA 1503	

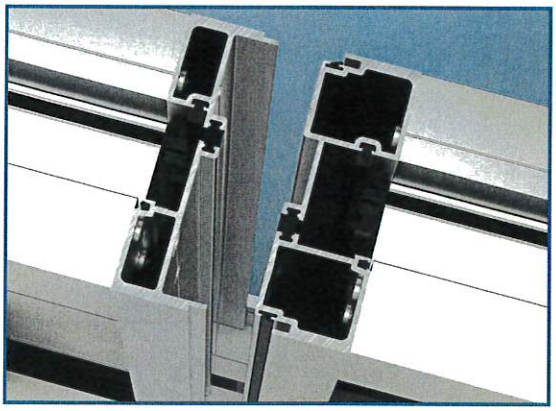
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2605

Product Approvals	
Missile Level A, D, E	Wind Zone 3
Hurricane HVHZ	International ICC
Florida FBC	Texas TDI

Sill Flashing Design

- Taller back leg on sill flashing – enhanced water resistance in the field and in water testing
- Three point attachment of end dam, with a foldable tab and two screws into flashing splines
- No blind seals eliminates secondary penetration of sill and flashing when properly sealed

Pre-Glazed Option



- **Inside Glazed (Dry)** and **Outside Glazed (Wet/Dry)** configurations
- **Saves time** on the job site and **less materials** in the field
- **4'w x 10'h panel spans** to 70 PSF with no mullion reinforcement
- Florida Product Approval for **Missile Level A, D and E**
- **New Intermediate Mullions** eliminates need for panel interlocking
- **Double laminate glass option** for higher acoustical performance (STC: 43 OITC: 35)

Storefront Impact Comparison

System	.060 SentryGlass 50 PSF	Design Pressure			144" Span	108" to 120" Spans	Impact Testing	
		50 PSF	65-70 PSF	90 PSF			Missile A & D	Risk Category IV Essential Facilities
YHS 50 FS		■	■	■	■	■	■	
YHS 50 FI	■	■	■	■	■	■	■	■
YHS 50 TU	■	■	■			■	■	■

Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting **www.ykkap.com/commercial/productguide**

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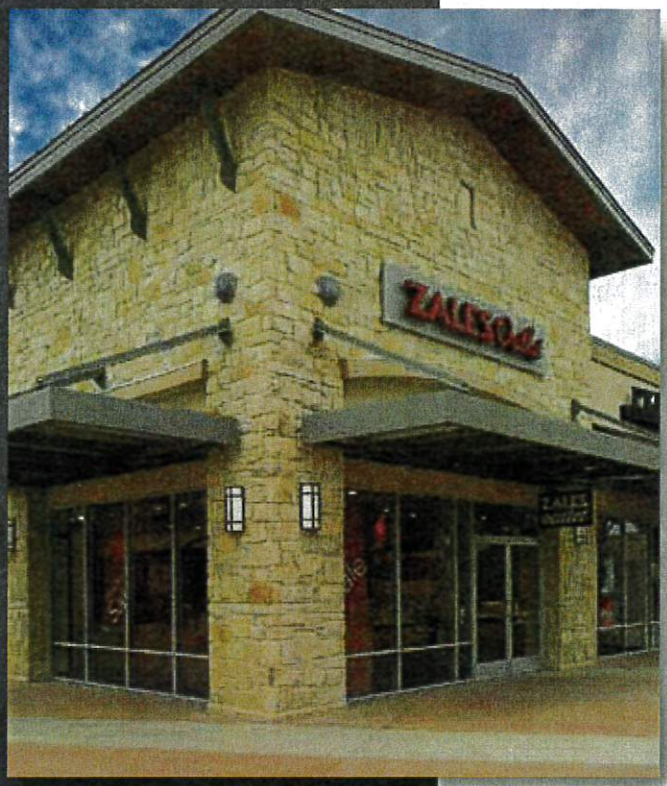
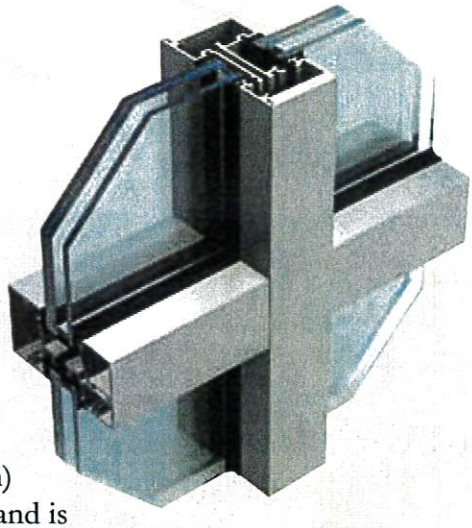
Storm Front®

HURRICANE RESISTANT STOREFRONT SYSTEMS
SERIES IT600 THERMAL IMPACT RESISTANT



- 2-1/2" x 5" (63 x 127 mm) System
- Tested in Compliance With Dade County Protocols
- Thermally Insulated
- 1-5/16" (33 mm) Impact Resistant Glass
- Screw Spline Assembly
- Uses Standard Storm Front™ Entrance
- Available in an Array of Architectural Coatings and Anodized Finishes
- Injection Molded Water Deflectors



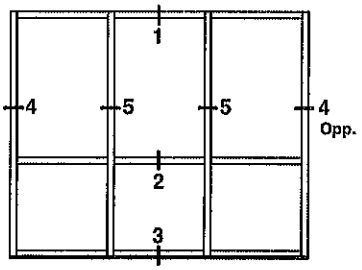
The IT600 Storm Front® System features a 2-1/2" x 5" (63 x 127 mm) profile, a high performance subsill, and is designed to be glazed with 1-5/16" (33 mm) impact resistant insulating glass. Screw spline assembly allows units to be shop fabricated for quicker, easier field installation. Available finishes include a wide selection of standard paint colors, custom matched painted coatings, and a selection of clear, bronze or black anodic finishes.

The IT600 Entrance incorporates a patented one glazing bead design, ensuring maximum protection at the entrance area. Standard corner construction includes heavy-duty blocks and welding for secure door corners.

United States ALUMINUM CRL

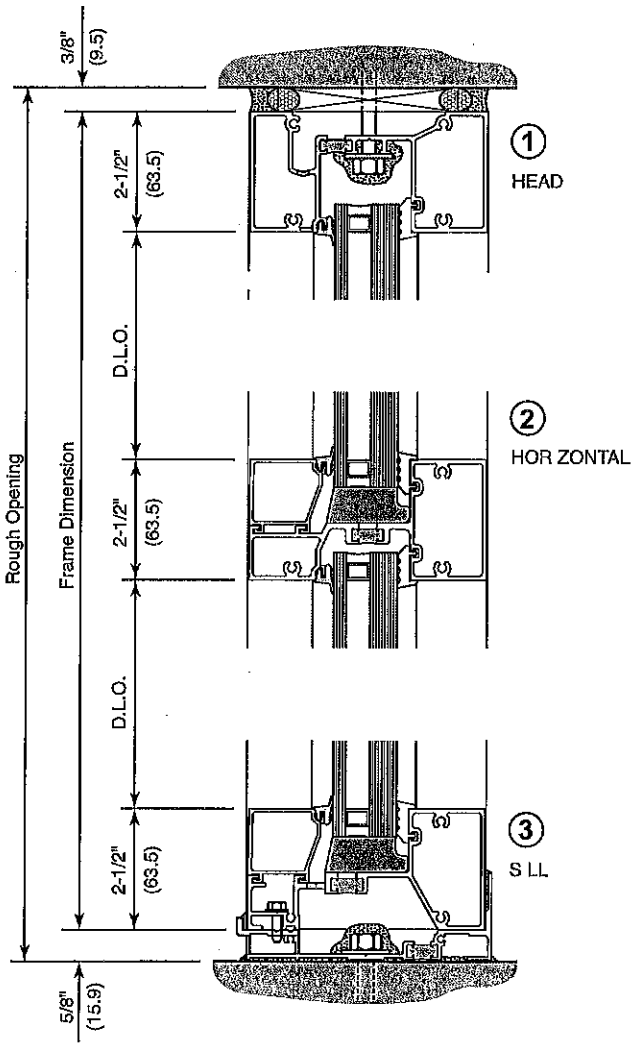
USALUM.COM

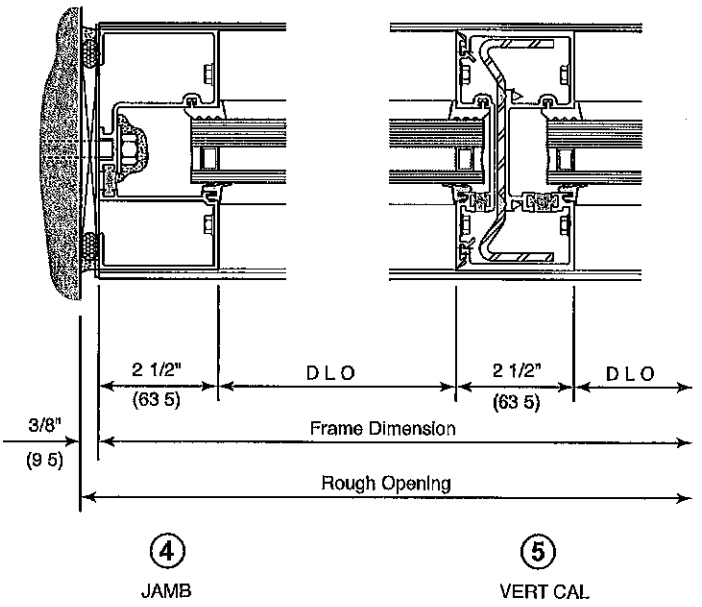
SERIES IT600 STORM FRONT®
TYPICAL DETAILS



Air:	< .06 CFM
Water:	12 PSF
Design:	+/- 65 PSF
N.O.A.#	11-0310.04
F.P.A.#	13523.2

A complete set of details in DWG format is available at **usalum.com**





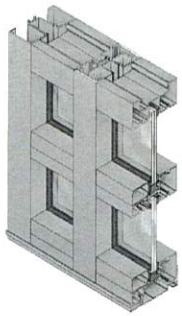
NOT TO SCALE

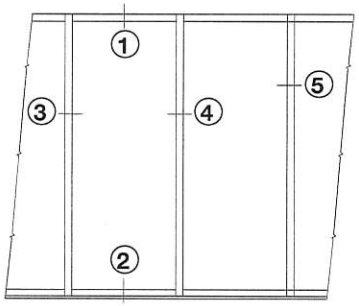
THERMAL PERFORMANCE - GLAZING SELECTION CHART

Contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. or Canada, or (323) 588-1281 (International). Ask for Extension 15305. Additional product details are available online at crlaurence.com/hurricane-resistant..

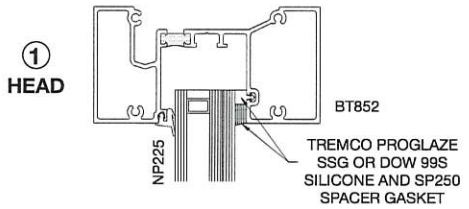
IT600 Hurricane Resistant Storefront

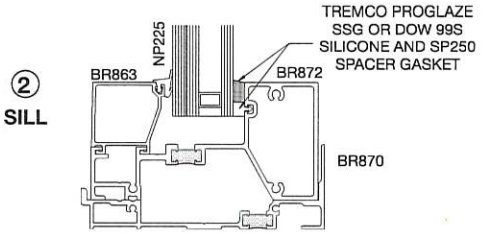
Below are various insulating glazing assemblies and spacer combinations that will provide this system with U-factors ranging from a low of 0.28 to a high of 0.62. If your particular combination of glazing and spacer isn't shown, please contact a CRL- U.S. Aluminum Technical Sales Representative and initiate a request. One of our on-staff thermal simulation engineers will conduct the calculations and return a report that can be utilized for bidding and design purposes.

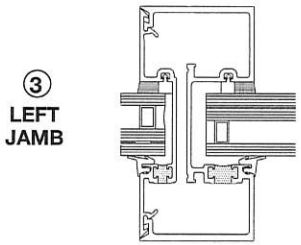


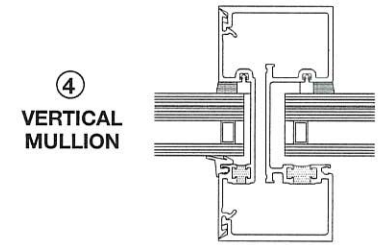


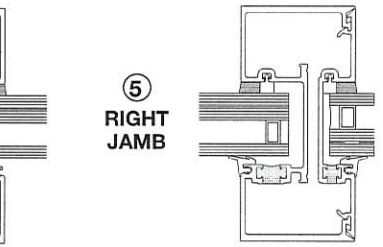
TYPICAL DETAILS:











GLAZING ASSEMBLY - 1-5/16" IMPACT GLAZING	CENTER OF GLAZING U-FACTOR[5]	CENTER OF GLAZING SHGC[6]	CENTER OF GLAZING VT[6]	SPACER	OVERALL SYSTEM U-FACTOR[5]	OVERALL SYSTEM SHGC[6]	OVERALL SYSTEM VT[6]
1/4" SunGuard SN68 Clear[1] / 1/4" Xenon / Heat Mirror 77 / 1/4" Xenon / 1/4" SN682/.090PVB/ 1/4" Clear	0.09	0.27	0.44	Super Spacer	0.25	0.24	0.36
1/4" SunGuard SNX 62/27 Clear[1] / 1/2" Xenon / 1/4"Clear/.090PVB/ 1/4"Sunguard IS20 Clear[3]	0.17	0.25	0.57	Stainless	0.32	0.22	0.49
1/4" SolarBan70XL[1] / 1/2" Argon / 1/4" SolarBan70XL[4]/.090PVB/ 1/4" Clear	0.23	0.24	0.44	Stainless	0.37	0.21	0.37
1/4" SolarBan60[1] / 1/2" Argon / 1/4" Solarban60[4]/.090PVB/ 1/4" Clear	0.24	0.35	0.57	Aluminum	0.38	0.31	0.49
1/4" Cardinal 366[1] / 1/2" Argon / 1/4" Cardinal 366[4]/.090PVB/ 1/4" Clear	0.23	0.25	0.43	Aluminum	0.38	0.29	0.29
1/4" SolarBronze[1] / 1/2" Air / 1/4" Solarban60[4]/.090PVB/ 1/4" Clear	0.45	0.37	0.38	Aluminum	0.55	0.32	0.33
1/4" Clear / 1/2" Air / 1/4" Solarban70XL[4]/.090PVB/ 1/4" Clear	0.28	0.27	0.62	Aluminum	0.41	0.24	0.53
1/4" Clear / 1/2" Air / 1/4" Solarban60[4]/.090PVB/ 1/4" Clear	0.28	0.38	0.68	Aluminum	0.42	0.33	0.58
1/4" Clear / 1/2" Air / 1/4" Cardinal 366[4]/.090PVB/ 1/4" Clear	0.28	0.27	0.61	Aluminum	0.41	0.24	0.52
1/4" Clear / 1/2" Air / 1/4" Clear/.090PVB/ 1/4" Clear	0.45	0.67	0.77	Aluminum	0.55	0.58	0.66

1. Low-e on #2 surface 2. Low-e on #3 surface 3. Low-e on #6 surface 4. Low-e on #4 surface 5. In accordance with NFRC 100 6. In accordance with NFRC 200

Solarban is a registered trademark of Vitro Architectural Glass. SunGuard is a registered trademark of Guardian Industries Corp.

Intertek | Architectural Testing

AAMA 1503-09 THERMAL PERFORMANCE TEST REPORT

Rendered to:

CR LAURENCE CO., INC.

SERIES/MODEL: IT600 Hurricane Resistant Storefront/BT601 Blast Resistant
TYPE: Glazed Wall Systems (Site-built)

Summary of Results			
Thermal Transmittance (U-Factor)			0.46
Condensation Resistance Factor - Frame (CRF_f)			55
Condensation Resistance Factor - Glass (CRF_g)			65
Unit Size:		78-3/4" x 78-3/4"	
Layer 1:	1/4"	Clear	
Gap:	0.75"	A1-D: Aluminum Spacer	100% Air*
Layer 2:	1/4"	PPG Solarban 70XL (e=0.018*, #3)	

Reference must be made to Report No. E6205.02-301-46, dated 06/10/15 for complete test specimen description and data.

Intertek | Architectural Testing

AAMA 1503-09 THERMAL PERFORMANCE TEST REPORT

Rendered to:

CR LAURENCE CO., INC.
2100 East 38th Street
Vernon, California 90058

Report Number:	E6205.02-301-46
Test Date:	05/28/15
Report Date:	06/10/15

Test Sample Identification:

Series/Model: IT600 Hurricane Resistant Storefront/BT601 Blast Resistant Storefront

Type: Glazed Wall Systems (Site-built)

Test Sample Submitted by: Client

Test Procedure: The condensation resistance factor (CRF) and thermal transmittance (U) were determined in accordance with AAMA 1503-09, *Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections*

1. Average warm side ambient temperature	69.80 F
2. Average cold side ambient temperature	-0.38 F
3. 15 mph dynamic wind applied to test specimen exterior.	
4. 0.0" $\pm$0.04" static pressure drop across specimen.	

Test Results Summary:

1. Condensation resistance factor - Frame (CRF_f)	55
Condensation resistance factor - Glass (CRF_g)	65
2. Thermal transmittance due to conduction (U)	0.46
(U-factors expressed in Btu/hr·ft²·F)	

Test Sample Description:

Frame:

Material:	AU (0.20"): Aluminum with Thermal Improvement - All Members		
Size:	78-3/4" x 78-3/4"		
Daylight Opening:	35-3/8" x 72-3/4" (x2)	**Glazing Method:**	Exterior
Exterior Color:	Grey	**Exterior Finish:**	Paint
Interior Color:	Grey	**Interior Finish:**	Paint
Corner Joinery:	Square Cut / Screws / Sealed		

Glazing Information:

Layer 1:	1/4"	Clear	
Gap:	0.75"	A1-D: Aluminum Spacer	100% Air*
Layer 2:	1/4"	PPG Solarban 70XL (e=0.018*, #3)	
Gas Fill Method:		N/A*	
Desiccant:		Yes	

**Stated per Client/Manufacturer*
N/A Non-Applicable

Test Sample Description: (Continued)

Weatherstripping:

Description	Quantity	Location
No weatherstripping.		

Hardware:

Description	Quantity	Location
No hardware.		

Drainage:

Drainage Method	Size	Quantity	Location
No visible weeps.			

Test Duration:

1. The environmental systems were started at 12:34 hours, 05/27/15.

2. The thermal performance test results were derived from 02:55 hours, 05/28/15 to 06:55 hours, 05/28/15.

Condensation Resistance Factor (CRF):

The following information, condensed from the test data, was used to determine the condensation resistance factor:

T_h	=	Warm side ambient air temperature	69.80 F
T_c	=	Cold side ambient air temperature	-0.38 F
FT_p	=	Average of pre-specified frame temperatures (14)	39.27 F
FT_r	=	Average of roving thermocouples (4)	29.99 F
W	=	$[(FT_p - FT_r) / (FT_p - (T_c + 10))] \times 0.40$	0.125
FT	=	$FT_p(1-W) + W (FT_r)$ = Frame Temperature	38.11 F
GT	=	Glass Temperature	45.43 F
CRF_g	=	Condensation resistance factor – Glass $CRF_g = (GT - T_c) / (T_h - T_c) \times 100$	65
CRF_f	=	Condensation resistance factor – Frame $CRF_f = (FT - T_c) / (T_h - T_c) \times 100$	55

The CRF number was determined to be 55 (on the size as reported). When reviewing this test data, it should be noted that the frame temperature (FT) was colder than the glass temperature (GT) therefore controlling the CRF number. Refer to the 'CRF Report' page and the 'Thermocouple Location Diagram' page of this report.

Thermal Transmittance (U_c):

T_h	=	Average warm side ambient temperature	69.80 F
T_c	=	Average cold side ambient temperature	-0.38 F
P	=	Static pressure difference across test specimen 15 mph dynamic perpendicular wind at exterior	0.00 psf
Nominal sample area			43.07 ft^2
Total measured input to calorimeter			1492.32 Btu/hr
Calorimeter correction			96.66 Btu/hr
Net specimen heat loss			1395.66 Btu/hr
U	=	Thermal Transmittance	0.46 $Btu/hr \cdot ft^2 \cdot F$

Glazing Deflection:

	Left Glazing	Right Glazing
Edge Gap Width	0.75"	0.75"
Estimated center gap width upon receipt of specimen in laboratory (after stabilization)	0.73"	0.79"
Center gap width at laboratory ambient conditions on day of testing	0.73"	0.79"
Center gap width at test conditions	0.64"	0.79"

The sample was inspected for the formation of frost or condensation, which may influence the surface temperature measurements. The sample showed no evidence of condensation/frost at the conclusion of the test.

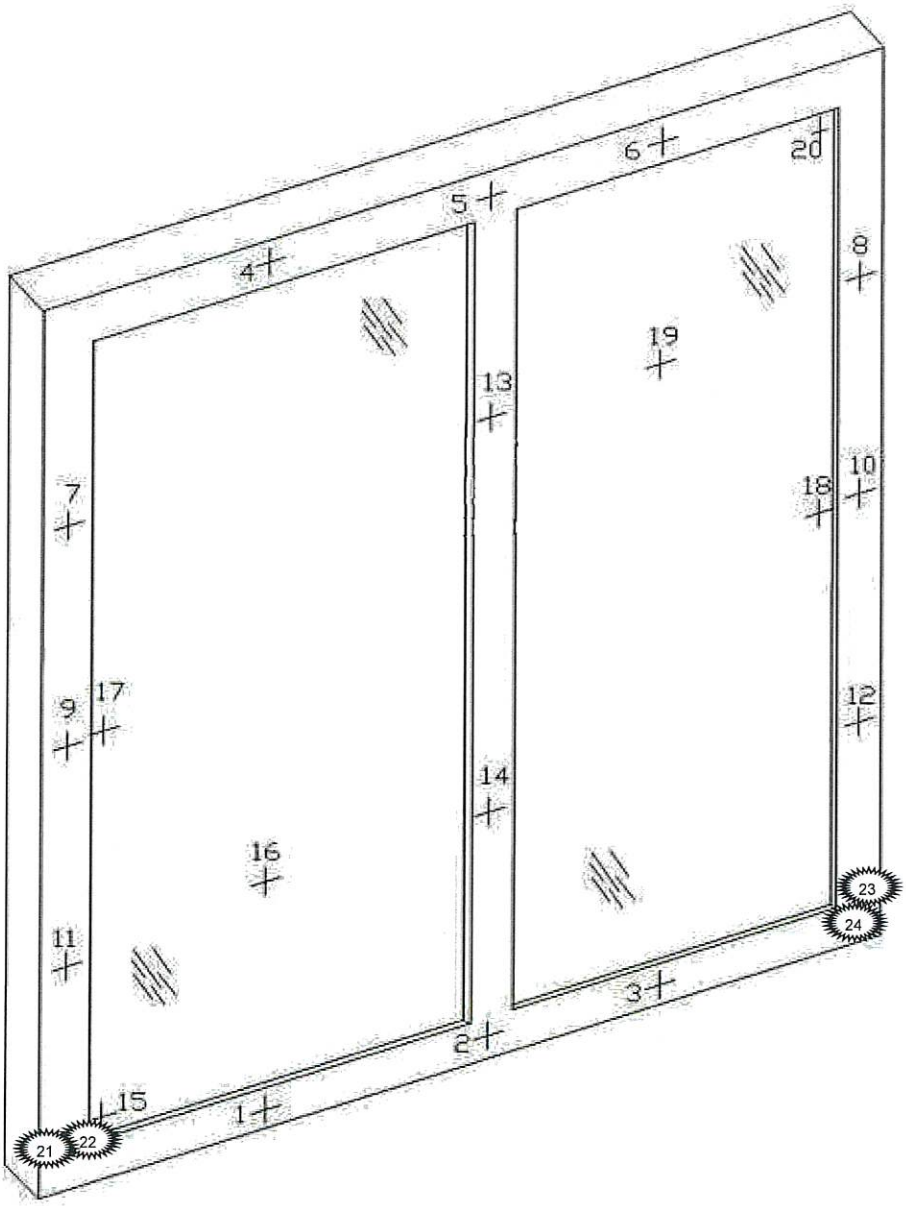
Prior to testing the specimen was sealed with silicone on the interior side and checked for air infiltration per Section 9.3.4.

Required annual calibrations for the Architectural Testing, Inc., a subsidiary of Intertek (Intertek-ATI), 'thermal test chamber' (ICN 004287) in Fresno, California were last conducted in April 2015 in accordance with Intertek-ATI calibration procedure. A CTS Calibration verification was performed March 2015. A Metering Box Wall Transducer and Surround Panel Flanking Loss Characterization was performed June 2014.

CRF Report

Time:	04:55	05:25	05:55	06:25	06:55	AVERAGE
Pre-specified Thermocouples - Frame						
1	36.93	36.88	37.00	36.99	37.02	36.96
2	36.09	36.07	36.18	36.14	36.15	36.13
3	36.70	36.55	36.76	36.68	36.76	36.69
4	47.89	47.91	48.01	47.96	47.92	47.94
5	45.97	45.87	46.01	45.95	45.96	45.95
6	46.41	46.30	46.42	46.38	46.41	46.38
7	38.42	38.38	38.42	38.41	38.44	38.41
8	40.54	40.50	40.59	40.61	40.57	40.56
9	34.25	34.21	34.30	34.31	34.26	34.27
10	36.84	36.90	36.88	36.96	36.89	36.89
11	32.86	32.88	32.89	32.94	32.89	32.89
12	33.78	33.83	33.79	33.89	33.82	33.82
13	43.70	43.72	43.69	43.78	43.72	43.72
14	39.95	40.32	39.87	37.39	38.40	39.19
FT_P	39.31	39.31	39.34	39.17	39.23	39.27
Pre-specified Thermocouples - Glass						
15	30.51	30.46	30.52	30.42	30.50	30.48
16	54.78	54.77	54.80	54.67	54.74	54.75
17	45.50	45.47	45.54	45.46	45.49	45.49
18	41.68	41.74	41.81	41.74	41.75	41.75
19	53.90	53.84	53.91	53.85	53.94	53.89
20	46.33	46.16	46.19	46.23	46.23	46.23
GT	45.45	45.41	45.46	45.40	45.44	45.43
Cold Point (Roving) Thermocouples						
21	29.58	29.65	29.63	29.29	29.35	29.50
22	31.29	30.97	31.34	31.19	31.30	31.22
23	28.73	28.85	28.74	28.81	28.74	28.77
24	30.42	30.50	30.46	30.47	30.46	30.46
FT_R	30.00	29.99	30.04	29.94	29.96	29.99
W	0.13	0.13	0.13	0.12	0.13	0.13
FT	38.15	38.14	38.18	38.02	38.07	38.11
Warm Side - Room Ambient Air Temperature						
	69.80	69.78	69.82	69.81	69.81	69.81
Cold Side - Room Ambient Air Temperature						
	-0.47	-0.33	-0.40	-0.40	-0.38	-0.39
CRF_f	55	55	55	55	55	55
CRF_g	65	65	65	65	65	65

Thermocouple Location Diagram



Cold Point Locations

21. 29.50
22. 31.22
23. 28.77
24. 30.46

Intertek-ATI will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Intertek-ATI for the entire test record retention period. The test record retention end date for this report is May 28, 2019.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen tested. This report may not be reproduced, except in full, without the written approval of Intertek-ATI.

For INTERTEK-ATI

Digitally Signed by: William Smeds

William Simon Smeds
Technician

Digitally Signed by:Kenny C. White

Kenny C. White
Laboratory Manager
Individual-In-Responsible-Charge

WSS:ss
E6205.02-301-46

Attachments (pages): This report is complete only when all attachments listed are included.
Appendix-A: Drawings (13)

IAS ACCREDITED

Intertek-ATI is accredited by the International Accreditation Service (IAS) under the specific test methods listed under lab code TL-144, in accordance with the recognized International Standard ISO/IEC 17025:2005. The laboratory's accreditation or test report in no way constitutes or implies product certification, approval, or endorsement by IAS.

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	06/10/15	All	Original Report Issue. Work requested by Mr. Gyu-Hyeon Kim of CR Laurence Co., Inc.

This report produced from controlled document template ATI 00025(c), revised 03/14/2013.

Appendix A: Drawings

CSI Form 1.5C

SUBSTITUTION REQUEST
(During the Bid Period)

Project: The Rivana @ River District

Substitution Request Number:

From: Kohler Building Specialties, Inc.

To:

Date: November 18, 2025

A/E Project Number:

Re:

Contract For:

Specification Title: Linear Metal Ceilings

Description: Wood Look Metal Linear Ceilings

Section: 09 54 23 Page: 3

Article/Paragraph: 2.3

Proposed Substitution: Box 6 Linear Metal Ceiling System

Manufacturer: Certainteed Architectural Address: 20 Moore Road Malvern, PA 19355 Phone: 800 233 8990

Trade Name: Model No.:

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Zach Kohler

Signed by:

Firm: Kohler Building Specialties, Inc.

Address: 39 Deloaks Dr. Madisonville, LA 70447

Telephone: 985 845 0662

A/E's REVIEW AND ACTION

☑ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: Alexander Tuck Date: 01/28/2026

Supporting Data Attached: ☒ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

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110 South Union Street, Suite 100, Alexandria, VA 22314

This is not an official CSI Construction Contract Administration (CCA) Form. Please use CSI's official CCA Forms if required by your project needs.

November 18, 2025

Re: THE RIVANA @ RIVER DISTRICT
New Orleans, LA

<u>SUBSTITUTION REQUEST</u>: CERTAINTEED ARCHITECTURAL BOX 6 LINEAR METAL CEILING SYSTEM

Specification Section 09 54 23 – Linear Metal Ceilings (2.3)

Specified Product: Armstrong World Industries; MetalWorks Linear Synchro		**Proposed Product:** Certainteed Architectural; Box 6 Linear Metal Ceiling	
Size:	6 Inch Module	Size:	6 Inch Module
Finish:	Film or Coil Coated Aluminum Wood-Look Non-Perforated	Finish:	Coil Coated Aluminum (see OCM Color Chart) Wood-Look Non-Perforated
Filler Strip:	Not Needed	Filler Strip:	Black Filler Strip
Fire Rating:	Class A	Fire Rating:	Class A

Certainteed Architectural Website:
https://www.certainteed.com/products/ceiling-wall-systems-products/box-series

OCM Coil Coat Wood-Look Options:
https://www.ocmcoil.com/timbermet

Kohler Building Specialties, Inc.

Jim Kohler | 985 845 0662

Box Series

The Box Series linear metal ceiling system uses a universal carrier for simple design and installation.

Features & Benefits

- Panel sizes:
  - Panel module widths: 2″, 4″, 6″ and 8″
  - Panel lengths: 5′ to 16′
  - Panel depths (nominal): 5/8″ (Box 2, 4, 6 & 8)
- Square-edge design
- Curved carrier application available
- Waste reduction with factory fabricated dimensional material
- Downweight: reduce dead load with lightweight aluminum
- Easy plenum access, typically using access doors
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

Attributes

FIRE RATING: CLASS A PER ASTM E84 AND CAN/ULC-S102

SEISMIC RATING: ZONES A, B, C, D, E, F

CUSTOMIZATION AVAILABLE

LEED® v4

RECYCLED CONTENT	up to 92%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS

GREENGUARD: GOLD CERTIFIED

EPD AVAILABLE

HPD AVAILABLE

Photo: © Carroll Daniel Construction, Boathouse at Lake Lanier, Gainesville, GA

certainteed
SAINT-GOBAIN

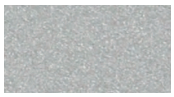
Colors & Finishes

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

Standard Paint Colors

Natural
7163

Cotton White
0280


Atlantic Grey
1117P

Custom Colors

Premium Custom Colors

Standard Metallic

Brushed Aluminum
0004

White Finish Options

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering – LRV 90 – 9% gloss finish.

Arctic White
1015P

Crystalline White
1050P

Supernova White
1085P

Aviation White
1011P

Black Finish Options

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)

Starless Black
5000P

Raven Black
5030P

Sable Black
5060P

Wet Glass Black
5095P

Anodized Finish Options

Anodized aluminum class II finish for Aged Bronze #10008 (Matte); Britannia Pewter #1009.

Aged Bronze
10008

Britannia Pewter
10009

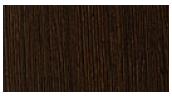
Decorated (Powder-Coat) Wood-Look Options

Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.

Fonthill Cherry
8422

Walnut
8424

Amber Bamboo
8432


Fine Wenge
8433

Grey Barnwood Cedar
8434

Golden Douglas Fir
8436

American Oak
8439

Crazy Cajun Cypress
8442

Swamp Cypress
8444

Clipper Teak
8446

Windjammer Teak
8449

Douglas Fir
8452

Anigre
8453

Farm Maple
8458

Caravel Teak
8460

Regatta Teak
8461

Summer Maple
8465

Terrace Maple
8466

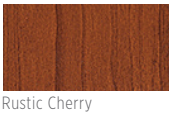
Light Pecan
8475

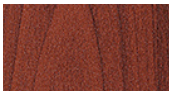
Penshaw Cherry
8481

Northwest Mountain Hemlock 8486

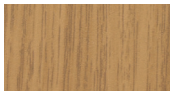
Whitewash
8487

White Oak
8491


Rustic Cherry
8739


Cherry
8742

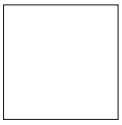
Auxilium Maple
8753


White Oakwood
8758

Additional finishes available upon request. Please contact your local sales representative for more information.

Perforation Patterns

Standard patterns shown. Scale shown: 1:1, unless otherwise noted.



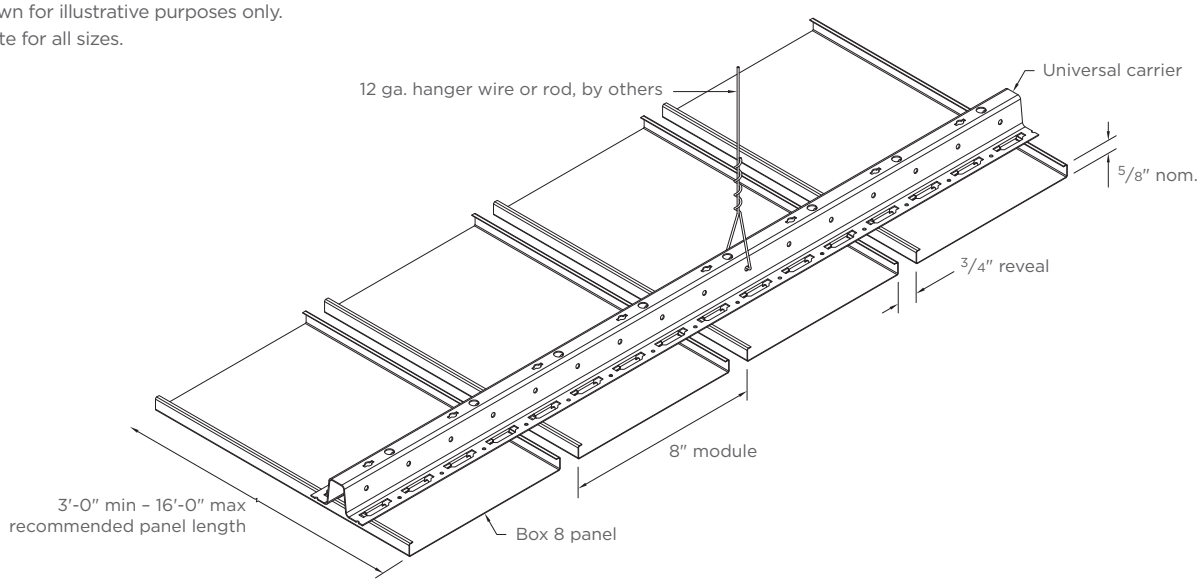
Non-perforated

Pattern #160
Perforation diam: .060 in.
Open Area: 23%
(Box 4, 6, and 8 only)

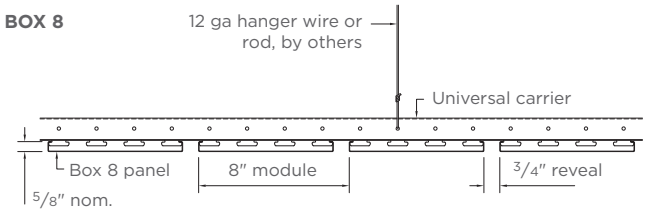
Installation Examples

Typical Isometrics

Box 8 shown for illustrative purposes only.
See website for all sizes.



Typical Sections



Additional options available for design flexibility, contact your local sales representative to get started.

Photo: © Bob Perzel / Chanhassen High School / Chanhassen, MN

Physical Data

MATERIAL
Aluminum

WEIGHT
Varies 1.0 – 1.6 lbs./sq.ft.

FIRE RATING
Class A Fire Rated per ASTM E84
- Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50

CAN/ULC-S102
- Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50

SEISMIC RATING
ZONES A,B,C,D,E,F

WIND LOAD
Per code. (for exterior applications)

RECYCLED CONTENT
Up to 92%

LIGHT REFLECTANCE (LR) COEFFICIENT PER ASTM E1264 & ASTM E1477
- Varies with finish
- Cotton White: LR = 0.81

WARRANTY
1-year Limited Warranty. Full warranty information can be found at certainteed.com/warranty

Acoustical Performance

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PRODUCT	ACOUSTICAL INFILL	NRC
Box 2, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.75
Box 4, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 4, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85
Box 6, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.65
Box 6, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 6, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.80
Box 8, non-perforated, open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.50
Box 8, Perforated #160 (23% open area), open reveal	1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	Non-Woven	0.70
Box 8, Perforated #160 (23% open area), with Box Flat Closure Strip	1.5" – 1.5 pcf Polywrapped Fiberglass	0.85

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.

SAINT-GOBAIN

CertainTeed

CEILINGS • GYPSUM • INSULATION • ROOFING • SIDING • TRIM
20 Moores Road, Malvern, PA 19355 800-233-8990 certainteed.com

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OCM
OLD COUNTRY MILLWORK INC.

TimberMet

OCM offers a line of woodgrain print patterns, known as TimberMet. There are multiple colors available for each print, including the option to create custom colors with these patterns. Samples of each product are available upon request.

Siamese Quarter Sawn

Darkwood

Woodgrain Sunglow

White Wash Oak

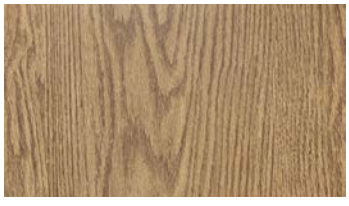
Weathered Wood

Sycamore

Spanish Cedar

Southern Cypress

Southern Pecan



Siamese Sycamore

Red Birch Wood

Pickled Ironwood

Medium Oak

Long Grain Oak

Long Grain Cherry

Honey Teak

Eucalyptus

Cinnamon Cherry

American Cedar

Natural Paulownia

Oak Print Cherrywood

Beachwood

Butternut Oak

Charwood

Long Grain Hickory

Manhattan Grain

Light Oak

Dark Oak

Sugar Maple

Burmese Blackwood

Honey Mesquite

Amazon Rosewood

Light Natural Walnut

Rift Natural Oak

Light Cherry

Walnut Ridge

Japanese Cedar

Walnut Rift

Dark Fir

Red Oak

Golden Maple

Dark Mahogany

Dusky Walnut

Post to @OCMcoil

Privacy Policy

CSI Form 1.5C

SUBSTITUTION REQUEST
(During the Bid Period)

Project: THE RIVANA @ RIVER DISTRICT

Substitution Request Number: _____

To: Trapolin-Peer Architects

From: Singer Kitchens

Date: 1/8/2026

A/E Project Number: _____

Re: _____

Contract For: _____

Specification Title: Residential Casework

Description: KITCHEN CABINETS

Section: 123530 Page: 613

Article/Paragraph: _____

Proposed Substitution: NORTHPOINT CABINETS

Manufacturer: HARDWARE RESOURCES

Address: 4319 Marlena St. Bossier City, LA 71111

Phone: 800-463-0660

Trade Name: _____

Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: SINGER KITCHENS, MICHAEL SINGER

Signed by: _____

Firm: SINGER KITCHENS

Address: 2750 LAKE VILLA DR STE 302
METAIRIE, LA 70002

Telephone: 504-885-8880

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- ☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- ☒ Substitution rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: John P. Mouton

Date: 01.19.2026

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐

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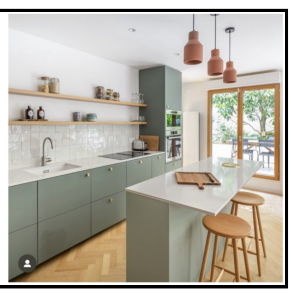
110 South Union Stree St

This is not an official CSI (se CSI's o

Provide shaker style cabinets with color options that include Sage/Haze green and/or Smokey Blue.

Examples of color selections required.



NORTH POINT CABINETRY®

Thoughtfully Designed, Carefully Crafted

NORTH POINT CABINETRY®

Hardware™ Resources

NorthPoint Cabinetry boasts a wide array of high-quality cabinet combinations allowing you to design the perfect kitchen or bath that works for your family's lifestyle. Make the kitchen or bath high-functioning and stunningly beautiful by adding Hardware Resources' vast selection of cabinet organizers, LED cabinet lighting, and knobs and pulls.

NorthPoint Cabinetry is an industry-leading brand of Dimora Brands, which also includes Top Knobs, Atlas Homewares, Watermark Designs, Water Street Brass, Vesta Fine Hardware, Task Lighting, Jeffrey Alexander, Elements, and Hardware Resources. As such, you can expect high-quality products, fast delivery, and excellent customer service.

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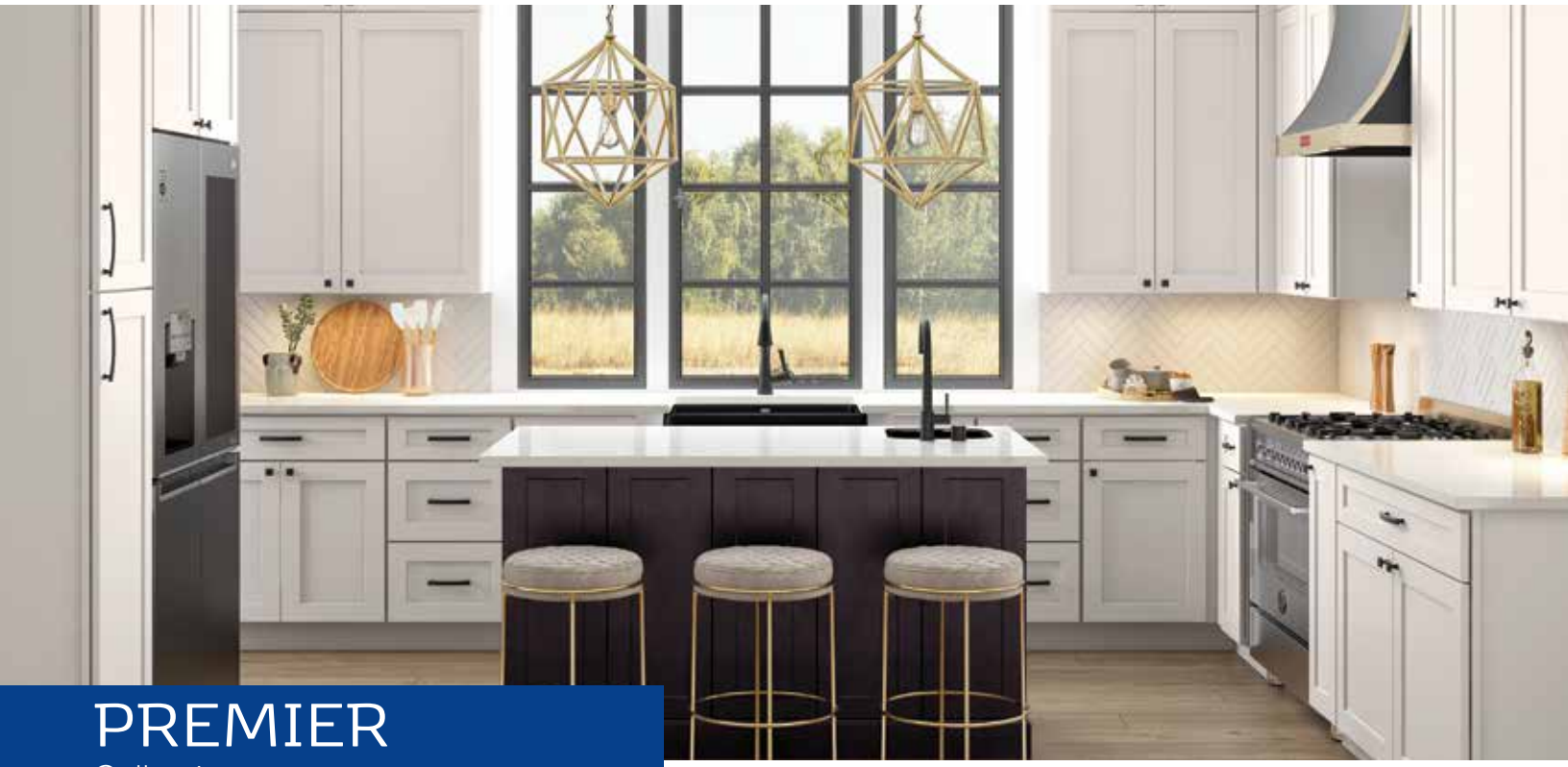
- What is QuickBuild? 85

Cabinets: Catalina Polar White
Island: Catalina Slate
Decorative Cabinet Hardware: Key Grande Collection in Matte Black with Satin Nickel

Our Collections



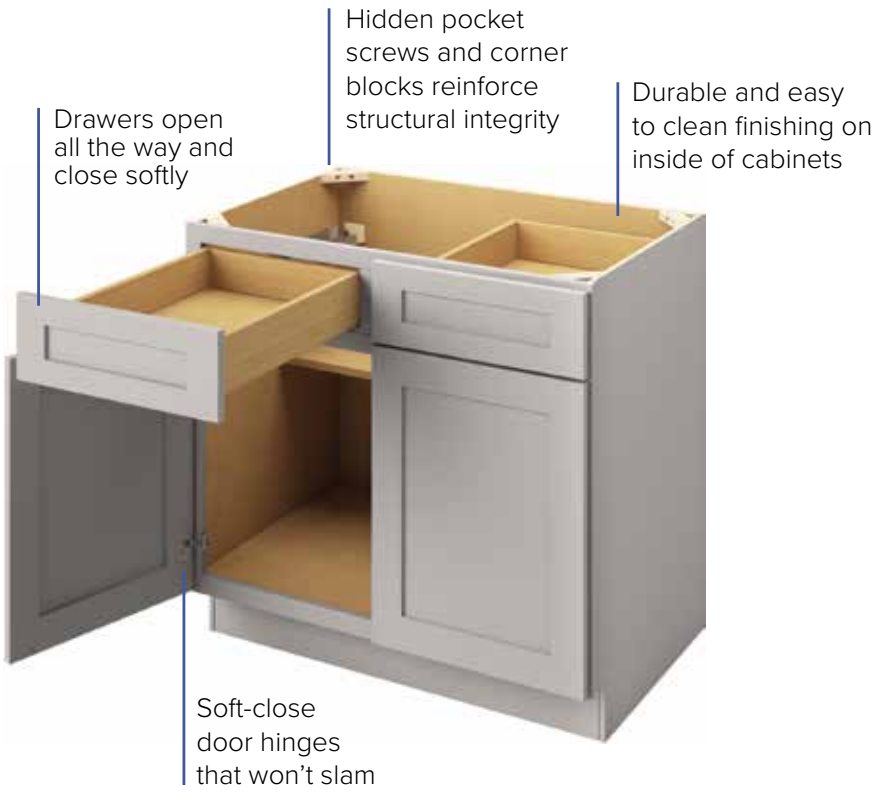
PREMIER
Collection

Pages 12 – 27

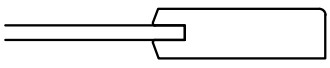
The Premier Collection features elegant upgrades like soft-close doors and drawers that won't slam when closed.

Door Styles: Catalina, Maui

- High-quality wood construction
- 3/4" thick shelves
- Beautiful, finished interior
- 5-Year limited warranty



Catalina Profile



Maui Profile

ESSENTIALS
Collection

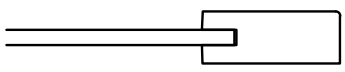
Pages 28 – 33

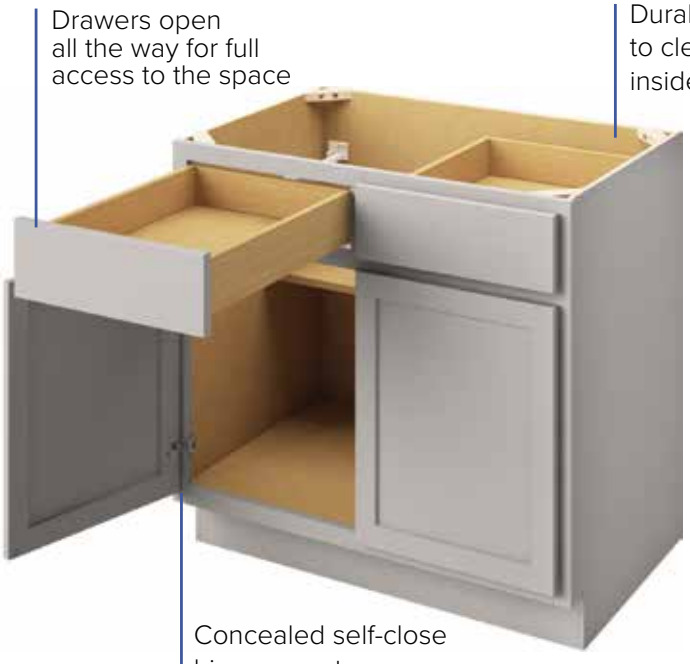
The Essentials Collection features reliable hardware and sturdy construction that create a quality cabinet at a great value.

Door Style: Hatteras

- High-quality wood construction
- 3/4" thick shelves
- Beautiful, finished interior
- 1-Year limited warranty

Hatteras Profile

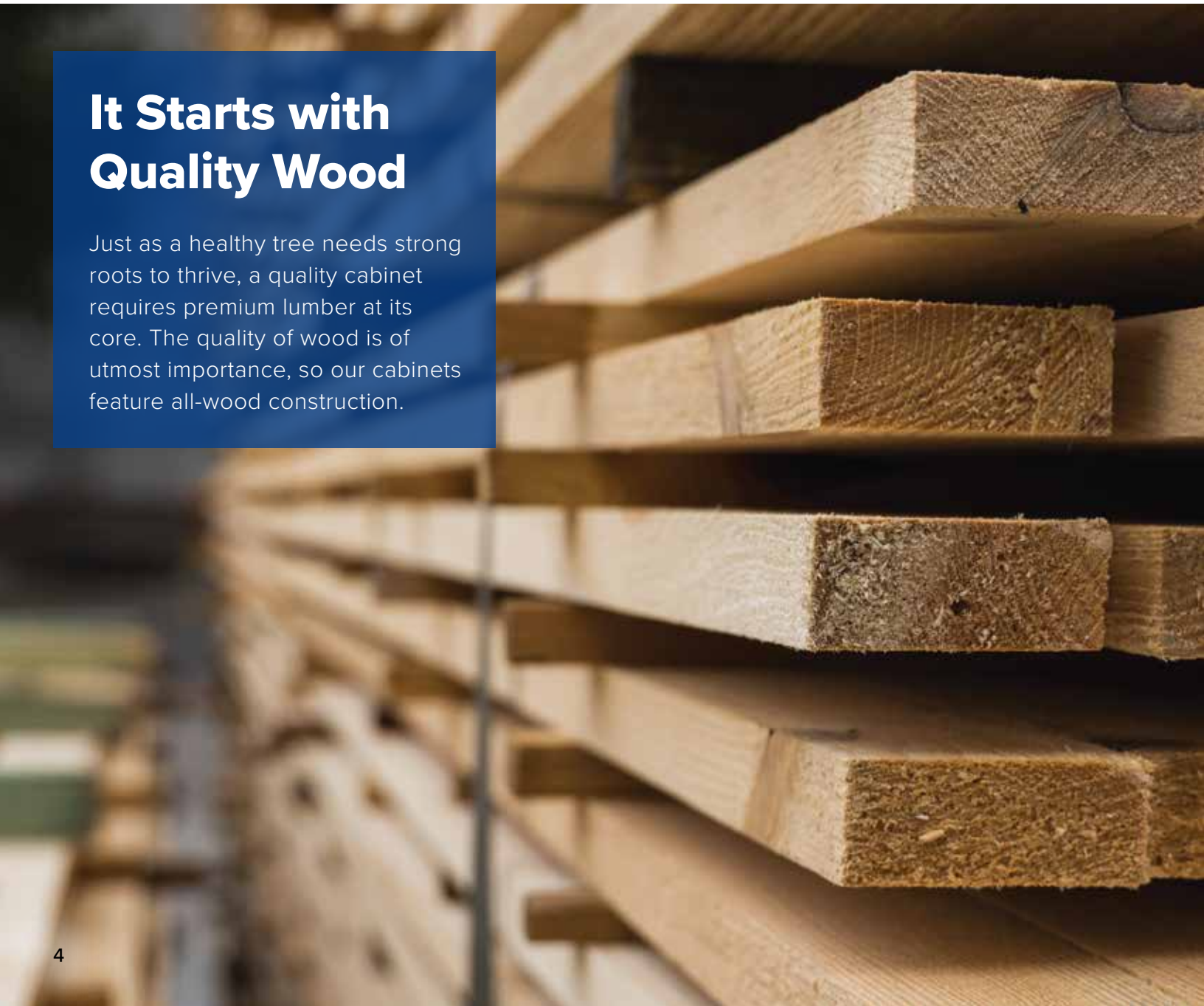




Quality Comes First

Your choice of cabinetry makes a personality-defining statement in your home. Selecting the right cabinets is an important first step because your cabinets should be just as functional on the inside as they are beautiful on the outside. Cabinets should withstand the demands of daily use and maintain their integrity throughout their lifetime.

That's why quality comes first at NorthPoint Cabinetry. Every detail is carefully considered to ensure our cabinets not only meet our high quality standards, but yours as well. Our commitment to quality combined with our on-trend finishes, door styles, and product depth and breadth are what make NorthPoint Cabinetry the perfect choice for your project.



It Starts with Quality Wood

Just as a healthy tree needs strong roots to thrive, a quality cabinet requires premium lumber at its core. The quality of wood is of utmost importance, so our cabinets feature all-wood construction.

Structural Integrity

Meaningful yet hidden reinforcements—like solid wood corner blocks and strategically placed pocket screws—help reinforce the structural integrity of the cabinet. Take comfort that these well-constructed cabinets will stand the test of time.

Thoughtful Craftsmanship

These cleverly designed cabinets boast an innovative dovetail and hidden pocket screw construction that provides robust quality and quick, accurate assembly.

Pretty on the Inside, Too

NorthPoint Cabinetry features a clean and beautifully finished birch interior that enhances the cabinet's luxurious, high-quality appeal.

Premium Drawer Boxes

Dovetail joinery is the hallmark of high-quality drawer boxes. The UV finish of the drawer, dovetail construction, and smooth concealed slides are synonymous with quality furniture.

Hardworking Hardware

Our cabinets feature discreet compact hinges and concealed undermount slides. The hinges and slides have been third-party tested and exceed industry standards. The Premier Collection (shown) features full extension slides, allowing for easy access and use of the whole drawer.

Sturdy Shelves

NorthPoint Cabinetry shelves are constructed from an impressive ¾” thick veneered plywood, preventing sagging over time under the weight of normal use. Shelf height is adjustable, so the homeowner can optimize storage space.

Expert Finishing

Count on consistent, high-quality finishing. Our state-of-the-art manufacturing facility utilizes a multi-step professional finishing process. This meticulous process maintains a high degree of color and application accuracy from cabinet to cabinet, ensuring a beautiful run of cabinets when installed.

CATALINA FINISHES

POLAR WHITE (PAINTED) | PEBBLE GREY (PAINTED) | ***NEW*** SANDSTONE (STAINED) | SLATE (STAINED) | ESPRESSO (STAINED)

MAUI FINISHES

POLAR WHITE (PAINTED) | PEBBLE GREY (PAINTED) | SLATE (STAINED) | ESPRESSO (STAINED)

HATTERAS FINISHES

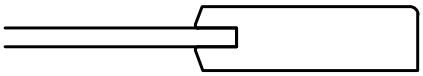
POLAR WHITE (PAINTED) | PEBBLE GREY (PAINTED) | SLATE (STAINED) | ESPRESSO (STAINED)

NORTH POINT CABINETRY®

DOOR STYLES

CATALINA
Premier Collection

More than modern.
The Catalina door style features a full-overlay, Shaker style door and 5-piece drawer front.



Pebble Grey

MAUI
Premier Collection

Sometimes the details make all the difference. The Maui door style features a full-overlay, transitional door and 5-piece drawer front with a twist of character.

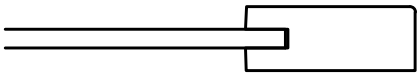
Pebble Grey

NORTH POINT CABINETRY®

HATTERAS

Essentials Collection

Simple and sleek.
The Hatteras door style features a partial-overlay, Shaker style door and slab drawer front.



Pebble Grey

PREMIER COLLECTION: CATALINA

CATALINA

SANDSTONE FINISH

Island cabinets shown in Catalina Polar White

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Sullivan Collection in Matte Black

PREMIER COLLECTION: CATALINA

CATALINA

SLATE
FINISH

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Dominique Collection in Satin Bronze

PREMIER COLLECTION: CATALINA

CATALINA

ESPRESSO
FINISH

Wall cabinets shown
in Catalina Polar White

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Tiffany Collection in Satin Bronze

PREMIER COLLECTION: CATALINA

CATALINA

POLAR WHITE FINISH

Island cabinets shown in Catalina Espresso

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Hadly Collection in Matte Black

PREMIER COLLECTION: CATALINA

CATALINA

PEBBLE GREY
FINISH

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Katharine Collection in Brushed Pewter

PREMIER COLLECTION: MAUI

MAUI

SLATE
FINISH

Island cabinets shown in Maui Polar White

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Belcastel 1 Collection in Matte Black

PREMIER COLLECTION: MAUI

MAUI

ESPRESSO FINISH*

Island cabinets shown in Maui Polar White

**Call for availability*

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Leyton Collection in Satin Nickel

PREMIER COLLECTION: MAUI

MAUI

POLAR WHITE FINISH

Island cabinets shown in Maui Espresso

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Knox Collection in Satin Nickel

PREMIER COLLECTION: MAUI

MAUI

PEBBLE GREY FINISH

Island cabinets shown in Maui Espresso

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Boswell Collection in Matte Black

ESSENTIALS COLLECTION: HATTERAS

HATTERAS

SLATE
FINISH

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: William Collection in Satin Nickel

ESSENTIALS COLLECTION: HATTERAS

HATTERAS

ESPRESSO
FINISH

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Sutton Collection in Polished Chrome

ESSENTIALS COLLECTION: HATTERAS

HATTERAS

POLAR WHITE FINISH

Island cabinets shown in Hatteras Pebble Grey

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Naples Collection in Brushed Gold

ESSENTIALS COLLECTION: HATTERAS

HATTERAS

PEBBLE GREY
FINISH

NORTH POINT CABINETRY®

Decorative Cabinet Hardware: Gibson Collection in Matte Black

SALAD for DINNER
JUICY DRINKS

Versatile Vanity Cabinets

Our kitchen and vanity cabinets are made with the same dependable quality and construction. The vanity door styles and finishes match our kitchen cabinet collections, which allows you to design coordinated spaces and create an intelligent design flow from kitchen to bathroom. Mix up the design styles and finishes from room to room if that best fits the design personality.

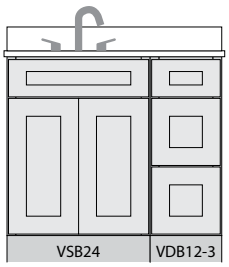
We offer many different vanity cabinet configurations that allow our cabinets to perfectly fit most bathroom spaces. Options like linen cabinets and all-drawer cabinets go the extra mile to make the bathroom space functional and beautiful.

Catalina Polar White Cabinets
Decorative Cabinet Hardware: Tahoe Collection in Black

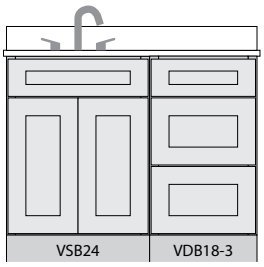
Create the Perfect Vanity

Our cabinets are designed to mix and match for a customized solution to fit your lifestyle. Need more drawers? No problem. Prefer one sink and lots of counter space? We've got you covered. Here are some popular combinations to get you started designing the perfect vanity for your project.

36" Overall Width



42" Overall Width



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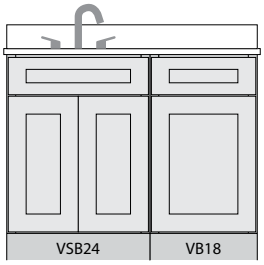

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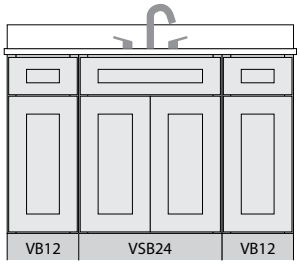

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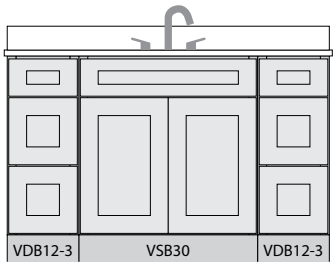

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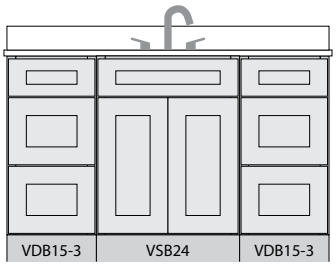

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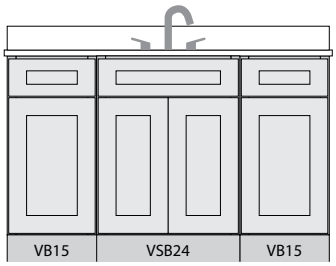

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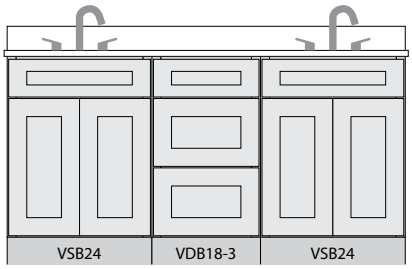

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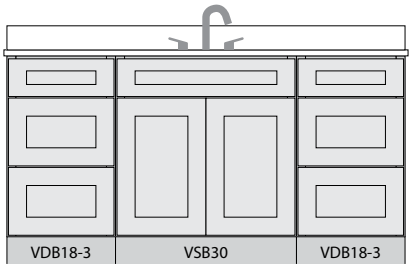

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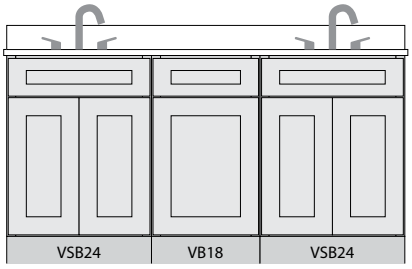
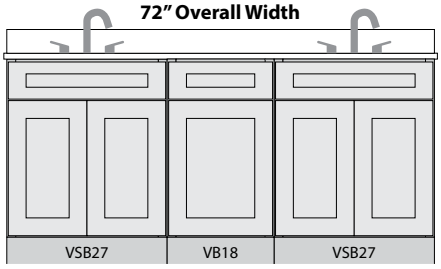
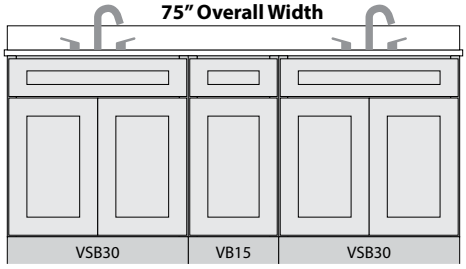


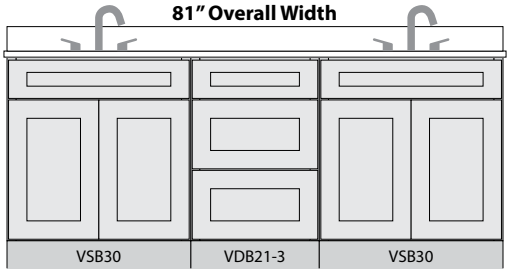
72" Overall Width



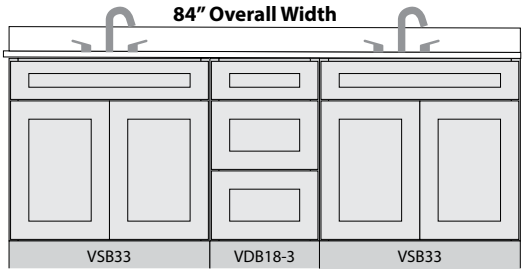
75" Overall Width



81" Overall Width



84" Overall Width



NORTH POINT CABINETRY®

Catalina Polar White Cabinets

Decorative Cabinet Hardware:
Cordova in Satin Nickel

Catalina Espresso Cabinets
Decorative Cabinet Hardware: Hadly in Satin Bronze

Maui Pebble Grey Cabinets
Decorative Cabinet Hardware: Marie in Satin Bronze

NORTH POINT CABINETRY®

Cabinets for Any Space

The kitchen and bath are common spaces to install cabinetry. However, NorthPoint Cabinetry provides solutions for other spaces like the laundry room, mudroom, and entertainment areas. Cabinets make those areas more functional by providing additional storage and countertop work space.

Beverage Bar

Catalina Sandstone Cabinets
Decorative Cabinet Hardware: Roman Collection in Matte Black

Mudroom

Maui Polar White Cabinets

Decorative Cabinet Hardware:
Ella Collection in Brushed Oil Rubbed Bronze

Decorative Hooks:
Emerald Backplate in Brushed Oil Rubbed Bronze

Laundry Room

Catalina Slate Cabinets

Decorative Cabinet Hardware:
Hudson Collection
in Satin Nickel

NORTH POINT CABINETRY®

Butler's Pantry

Catalina Polar White Cabinets

Decorative Cabinet Hardware:
Wheeler Collection in Matte Black

Closet

Catalina Pebble Grey Cabinets
Decorative Cabinet Hardware: Merrick Collection in Satin Nickel

Entertainment Center

Catalina Espresso Cabinets
Decorative Cabinet Hardware:
Rae Collection in Satin Nickel

NORTH POINT CABINETRY®

Personalize Your Space - Moulding

Add the finishing touch to your cabinets with our broad selection of finished mouldings. Light rail moulding allows under-cabinet task lighting to be neatly tucked out of sight, while our selection of crown mouldings, from cove to classic, adds a level of beauty and sophistication to the room. We offer many different types of decorative and utility mouldings in all finishes to accentuate and complete the space.

LIGHT RAIL

Available in all finishes:
Polar White, Pebble Grey, Espresso, Slate, and Sandstone

FINISH MOULDINGS

Available in all finishes: Polar White, Pebble Grey, Espresso, Slate, and Sandstone

Batten | Scribe | Shoe | Quarter Round | Inside Corner | 90° Outside Corner | 135° Outside Corner

Dentil Moulding

Rope Moulding

Cove Crown Look

Angled Crown Look

Classic Crown Look

NORTH POINT CABINETRY®

Personalize Your Space - Fillers & Panels

We offer a variety of fillers including standard, fluted, and overlay, as well as decorative end panels to help complete the cabinets with style. Create smooth transitions in cabinet layouts with fillers. Use decorative end panels to add character and a finish touch to your design. Utility panels, like refrigerator end panels, dishwasher end panels, and island back panels accommodate endless kitchen layouts. *More options available. See our Specification Guide for complete offering.*

FLUTED FILLER

3/4" Thick Material

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

BEADBOARD PANELS

1/4" Thick Material

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

WALL, BASE & REFRIGERATOR END PANELS

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

DECORATIVE END PANELS

Available in all finishes & door styles:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

NORTH POINT CABINETRY®

Personalize Your Space - Design Elements

Your cabinets should reflect your style. Our wide variety of decorative wood accessories adds a touch of character to the cabinet design. Whether your ideal space is traditional, transitional, or contemporary, we have the selection available to transform the space from “blah” to “ahhh!” *More options available. See our Specification Guide for complete offering.*

CORBELS

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

DECORATIVE LEGS

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

BUN & TAPERED FEET

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

SCALLOPED OR ARCHED VALANCE

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

NORTH POINT CABINETRY®

Personalize Your Space - Specialty Cabinets

Our wide selection of specialty cabinets expands the functionality to fit your lifestyle. Whether you need an elegant storage solution for your bottles of wine or want a space to display your trendy decorative plates, we have the solutions that work for you. *More options available.*
See our Specification Guide for complete offering.

Wine Rack

Plate Rack

Microwave Wall Cabinet

Microwave Base Cabinet

Catalina Pebble Grey Cabinets
Decorative Cabinet Hardware: Marlo in Satin Nickel

RANGE HOODS

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

FARMHOUSE SINK BASE CABINET

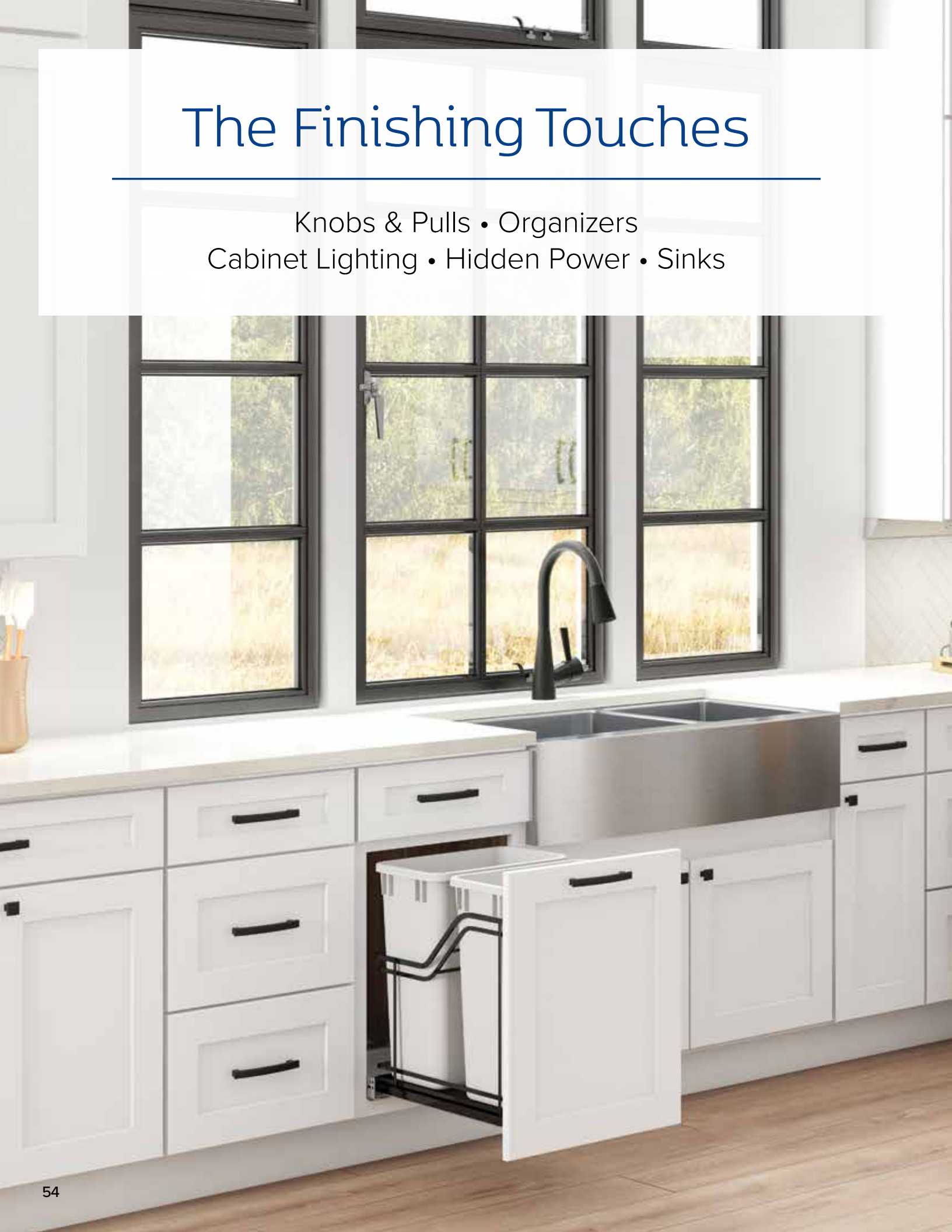
Available in all finishes & door styles:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

GLASS DOOR CABINETS

Only available in the Premier collection door styles, Catalina & Maui

Available in all finishes:
Polar White, Pebble Grey,
Espresso, Slate, and Sandstone

Cabinets come with matching interiors and a clear glass center panel



The Finishing Touches

Knobs & Pulls • Organizers
Cabinet Lighting • Hidden Power • Sinks

Catalina Polar White Cabinets
Decorative Cabinet Hardware: Hadly Collection in Matte Black

Knobs & Pulls

JEFFREY ALEXANDER® by Hardware Resources

ELEMENTS® by Hardware Resources

Cabinets from NorthPoint Cabinetry are not complete without Jeffrey Alexander or Elements cabinet knobs and pulls! Your clients can personalize their space—really bringing their style to life. Cabinet knobs and pulls often take center stage by adding the finishing touch on the perfect design. There are **thousands of different knobs and pulls to choose from** in various sizes, finish options, and price points so that they can achieve that perfect look.

See our full offering of cabinet knobs & pulls in the Hardware Resources Designer Edition Catalog.

Matte Black Pulls
Jeffrey Alexander Sullivan Collection
Catalina Sandstone Cabinets

For more information on Knobs & Pulls, scan the QR code or visit https://delivr.com/2fk7w

Satin Bronze Pulls
Jeffrey Alexander Dominique Collection
Catalina Slate Cabinets

Satin Nickle Pulls
Jeffrey Alexander Merrick Collection
Catalina Pebble Grey Cabinets

Brushed Gold Pulls
Elements Naples Collection
Hatteras Polar White Cabinets

Popular Styles in Satin Nickel

Belcastel Collection

Boswell Collection

Dominique Collection

Florence Collection

Glendale Collection

Hadly Collection

Hayworth Collection

Kenner Collection

Knox Collection

Madison Collection

Merrick Collection

Naples Collection

Roman Collection

Somerset Collection

Stanton Collection

Sullivan Collection

Sutton Collection

Thatcher Collection

Tiffany Collection

To see more styles, lengths, and finishes, visit www.HardwareResources.com for more information.

Popular Styles in Polished Chrome

Belcastel Collection

Boswell Collection

Dominique Collection

Florence Collection

Glendale Collection

Hadly Collection

Hayworth Collection

Kenner Collection

Knox Collection

Madison Collection

Merrick Collection

Naples Collection

Roman Collection

Somerset Collection

Stanton Collection

Sullivan Collection

Sutton Collection

Thatcher Collection

Tiffany Collection

To see more styles, lengths, and finishes, visit www.HardwareResources.com for more information.

Lifetime Warranty

NORTH POINT CABINETRY®

Popular Styles in Matte Black

Belcastel Collection

Boswell Collection

Dominique Collection

Florence Collection

Glendale Collection

Hadly Collection

Hayworth Collection

Kenner Collection

Knox Collection

Madison Collection

Merrick Collection

Naples Collection

Roman Collection

Somerset Collection

Stanton Collection

Sullivan Collection

Sutton Collection

Thatcher Collection

To see more styles, lengths, and finishes, visit www.HardwareResources.com for more information.

Popular Styles in Satin Bronze

Belcastel Collection

Dominique Collection

Florence Collection

Glendale Collection

Hadly Collection

Hayworth Collection

Madison Collection

Merrick Collection

Naples Collection

Roman Collection

Somerset Collection

Stanton Collection

Sutton Collection

Thatcher Collection

Tiffany Collection

To see more styles, lengths, and finishes, visit www.HardwareResources.com for more information.

Lifetime Warranty

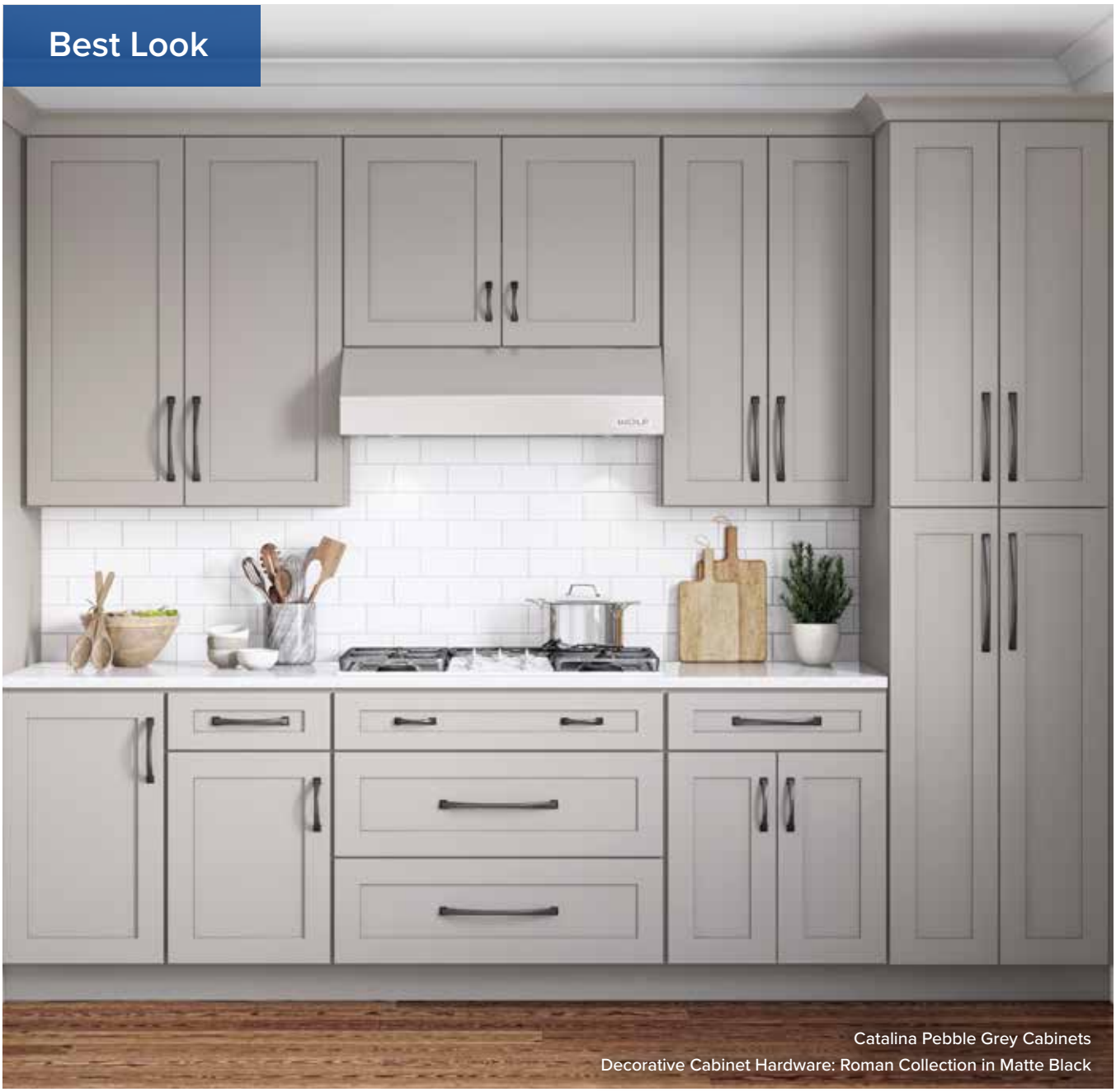
NORTH POINT CABINETRY®

Long Cabinet Pulls Look Best

Cabinet knobs and pulls come in a variety of sizes, styles and finishes. But which ones should you choose?

You could decide to use all cabinet pulls. Or you may prefer the look of all cabinet knobs. Or you can mix knobs and pulls in your kitchen. Which one is right? They all are. All it comes down to is your personal preference.

Best Look



Catalina Pebble Grey Cabinets
Decorative Cabinet Hardware: Roman Collection in Matte Black

To achieve a cohesive & finished look, select a pull that's proportional in length to the cabinet door or drawer. Shorter doors & drawers use shorter pulls; longer doors & drawers use longer pulls.

Better Look

Catalina Pebble Grey Cabinets
Decorative Cabinet Hardware: Roman Collection in Matte Black

Good Look

Catalina Pebble Grey Cabinets
Decorative Cabinet Hardware: Roman Collection in Matte Black

For more information on selecting knobs & pulls, scan the QR code or visit https://delivr.com/2fk7w

NORTH POINT CABINETRY®

Create an Organized & Efficient Kitchen

Cabinet design is not only about aesthetics—functionality of the space is an important factor. Improve your client's experience with Organizers that conquer clutter and make reaching items easy and efficient. See our full offering of Organizer products in the Hardware Resources Designer Edition Catalog.

Neatly Tuck Away Trash Cans

Pick a trash can solution that best fits your kitchen and your budget.

- Wood Bottom Mount Trash Can
- Economy Soft-Close Trash Can
- Storage with Style® Trash Can Pullout

POPULAR

POPULAR

Organization Within Reach

Maximize cabinet storage with base cabinet organizers. Choose pullout organizers to maximize storage and eliminate the reach.

- "No Wiggle" Base Pullout
- "No Wiggle" Utensil Pullout
- "No Wiggle" Knife Pullout

Lifetime Warranty

For more information on cabinet organizers, scan the QR code or visit https://delivr.com/272ju

See the NorthPoint Cabinetry Specification Guide to determine which organizers fit in each cabinet.

Corner Storage That Comes To You

Bring the deep recesses of corner cabinets forward with corner organizers.

- Easy 360 Susan
- Half-moon Lazy Susan
- Storage with Style® Blind Corner Pullout

Tame Drawer Clutter

Drawer inserts help organize everything from cutlery to spices to dishes.

- SlimLine Cutlery Drawer Insert
- Spice Rack Drawer Insert
- Coffee Pod Drawer Insert

Organize Heavily Used Cabinets

Go from disorder to order with solutions for challenging storage areas.

- Easy Access Pantry Pullout
- Double Drawer Bottle Rollout
- Mixer Lift

See the NorthPoint Cabinetry Specification Guide to determine which organizers fit in each cabinet.

NORTH POINT CABINETRY®

Organize Your Whole Kitchen

For more information
on cabinet organizers,
scan the QR code or visit
https://delivr.com/272ju

NORTH POINT CABINETRY®

Storage with Style® Organizer Collection

Storage solutions that beautifully coordinate
to create a harmonious kitchen design

Design is in the details
Curved flat wire design details flow across all organizers to create a cohesive collection identity

Stylish finish options
Designer finishes of Black Nickel & Polished Chrome coordinate with popular hardware styles, or mix finishes to add variety

Storage with Style® Trash Can Pullout

Storage with Style® Base Pullout

Storage with Style® Drawer Base Pullout

Storage with Style® Utensil Pullout

Storage with Style® Blind Corner Pullout

Storage with Style® Pot & Lid Pullout

Storage with Style® Pullout Baskets

For more information on cabinet organizers, scan the QR code or visit https://delivr.com/272ju

Lifetime Warranty

NORTH POINT CABINETRY®

1 POWERED VANITY DRAWER

Convert a vanity drawer into a hairstyling workstation where hair appliances can stay plugged in and ready to go when needed. Simply plug the drawer into an outlet behind the vanity for easy installation that doesn't require an electrician.

Fits in 18" wide cabinets

2 VANITY DEPTH DRAWER INSERT

Drawer inserts aren't just for the kitchen. Organize a variety of beauty and grooming items in bathroom drawers with this clever insert that is adjustable and trimmable for a variety of drawer sizes.

Fits in 12" wide cabinets or larger
May require trimming

Organization Is Not Just for the Kitchen

An organized bathroom is just as important as an organized kitchen. Getting ready for the day in an organized bathroom helps to eliminate stress and save time. These organizers will help transform any bathroom into a dream spa oasis.

For more information on cabinet organizers, scan the QR code or visit https://delivr.com/272ju

Catalina Slate Cabinets
Decorative Cabinet Hardware: Walker 1 Collection in Satin Bronze

3 VANITY DEPTH WOOD BOTTOM MOUNT TRASH CAN

Tuck bathroom trash cans away from little hands or wandering noses with this pullout, designed for mounted-door or hinged-door applications.

Fits in 15" wide cabinets

4 "NO WIGGLE" VANITY PULLOUT

Bring "no wiggle" technology into the bathroom and tame clutter with a pullout designed with the bath in mind. With two optional inserts available, this product can be modified to suit a variety of needs.

Fits in 12" wide cabinets

NORTH POINT CABINETRY®

Everything and the Kitchen Sink

The sink is an often-overlooked focal point in the home. Not only does a sink need to hold up against everyday life, but it should also add a look of sophistication and elegance to a room.

Hardware Resources is proud to offer a line of Stainless Steel Kitchen, Bar, and Utility sinks for the everyday home. We offer a variety of sizes and styles of sinks, all manufactured from the highest quality materials.

For more information
on stainless steel sinks,
scan the QR code or visit
https://delivr.com/2qte5

NORTH POINT CABINETRY®

Add Lighting to Brighten the Kitchen

TASK™ lighting & power

Highlight the beauty of your cabinet design with LED lighting from Task Lighting & Power. Select from a variety of assembled linear fixtures, tape lighting, puck lights, and specialty lighting—allowing your clients to set the mood in any room.

Maui Pebble Grey Cabinets
Maui Espresso Island

1 *Illuminate countertops with Under Cabinet Lighting*

Illuminate countertops with under cabinet lighting to enhance functional spaces, highlight beautiful backsplashes, or eliminate shadows created from cabinets. Under cabinet lighting creates ample illumination for meal prep and reading recipes.

2 *Accentuate decorative items on display with In Cabinet Lighting*

Use lighting in glass-faced cabinets to accentuate decorative items on display or highlight beautiful crystal and china. Adding lighting inside a glass door cabinet gives a nice wash of light throughout the cabinet.

3 *Highlight beautiful flooring with Toe Kick Lighting*

Add lighting under the toe kick to highlight beautiful flooring during the daytime. At night, keep floors safely illuminated with a gentle glow for midnight snacking.

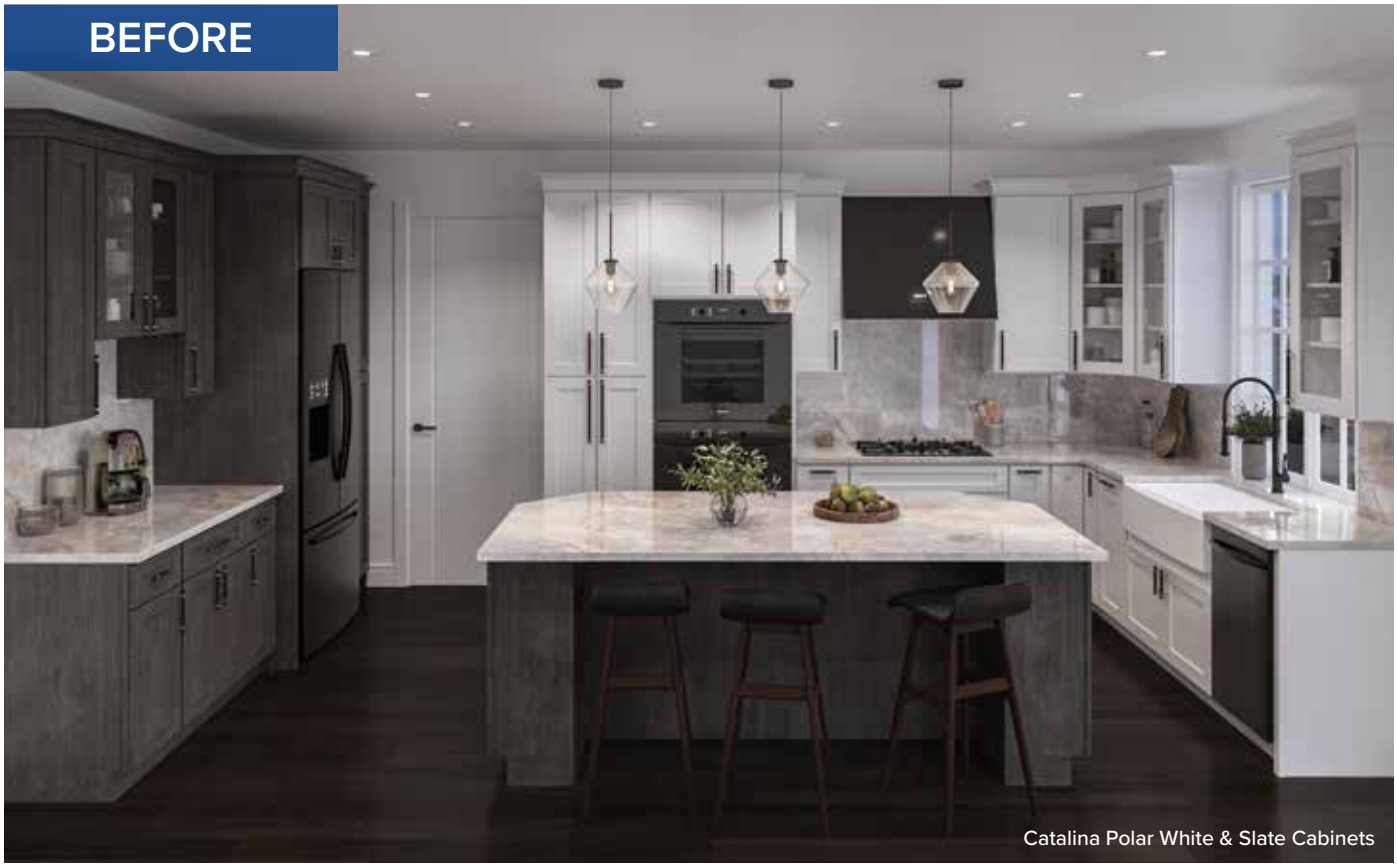
4 *Add ambiance and make the space feel larger with Above Cabinet Lighting*

Add depth and ambiance to your kitchen by highlighting the open space above cabinets to increase the aesthetic appeal and make the space feel larger.

c UL us LISTED

LED Lighting 5 YEAR WARRANTY

BEFORE



Catalina Polar White & Slate Cabinets

AFTER

Catalina Polar White & Slate Cabinets

For more information on Task Lighting products,
scan the QR code or visit https://delivr.com/2eqnz

NORTH POINT CABINETRY®

Select the Perfect White Color Temperature for Lighting Any Space

When installing lighting, it's important to select an optimal white color (Kelvin) temperature that accentuates the beauty of the space. Pro tip: Using the same color temperature lighting throughout a room gives it a clean, even feel.

c UL us LISTED

LED Lighting 5 YEAR WARRANTY

Or...Use Tunable White Lighting to Easily Change the White Color Temp Any Time!

TASK™ lighting & power

Install tunable white lighting with patented TandemLED technology to experience full tuning control of the white color temperature, from Warm White to Daylight White and all shades of white in between.

Using the wireless controller, adjust the white color temperature of tunable white lighting at any point throughout the day to match the natural lighting outside. A routine can also be set up in a Smart Home system's app to mimic the natural outdoor lighting throughout the day automatically.

"Alexa, tune the kitchen to Warm White"

OPTION: Control lights with Amazon Alexa, Google Home, Philips Hue, Apple HomeKit, or any Zigbee 3.0 compatible system.

zigbee® 3.0 devices

amazon alexa®

Google Home®

Apple HomeKit®

Zigbee is a trademark of Zigbee Alliance, Davis, California. Alexa is a trademark of Amazon, Seattle, Washington. Google Home is a trademark of Googleplex, Mountain View, California. HomeKit is a trademark of Apple, Cupertino, California. These marks are not affiliated with nor approved endorsements of Task Lighting & Power.

For more information on tunable white lighting products, scan the QR code or visit https://delivr.com/2eqnz

LED Lighting 5 YEAR WARRANTY

c UL us LISTED

U.S. PATENT 10,721,801

NORTH POINT CABINETRY®

Hide Unsightly Power Outlets

TASK™ lighting & power

Angle Power Strip fixtures tuck away hidden power right where it's needed and are the perfect alternative to standard outlets that disrupt the beauty of glass, tile, or solid-surface backsplashes.

*18" Black fixture**

*18" Satin Nickel fixture**

*18" Bronze fixture**

*18" White fixture**

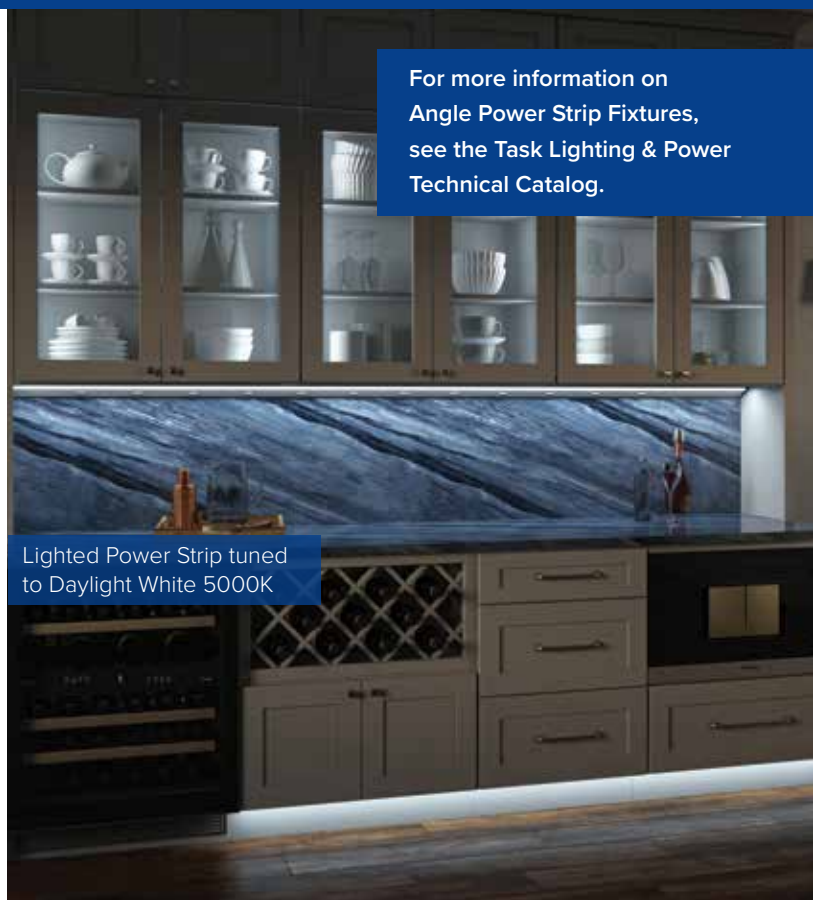
ASSEMBLED IN THE USA | c UL us LISTED | 5 YEAR WARRANTY

For more information on Angle Power Strip fixtures, scan the QR code or visit www.TaskLighting.com

**Available in standard lengths from 9" to 72", custom options available*

Hatteras Polar White Cabinets, Hatteras Pebble Grey Island
Decorative Cabinet Hardware: Naples Collection in Brushed Gold

ELIMINATE THOSE UNSIGHTLY POWER OUTLETS WITH SLEEK, HIDDEN ANGLE POWER STRIP FIXTURES



Thoughtfully Designed. Carefully Crafted.

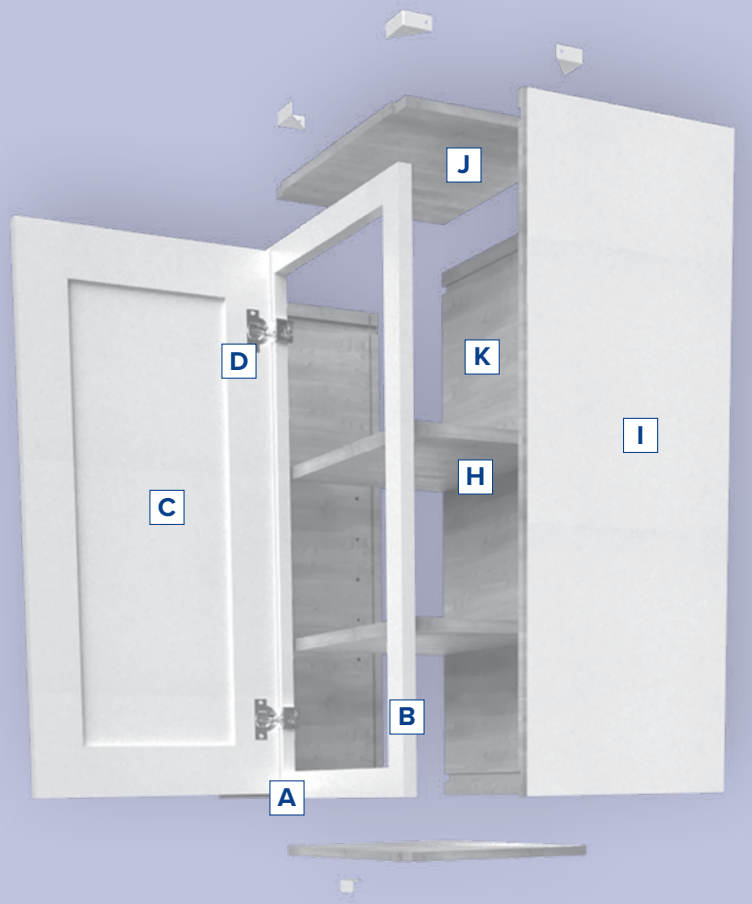
	DOOR STYLES	PREMIER Collection **Catalina, Maui**	ESSENTIALS Collection **Hatteras**
A	**OVERLAY**	• **Full-overlay** doors and drawer fronts	• **Partial-overlay** doors and drawer fronts
B	**FACE FRAME**	• 3/4” x 1-1/2” hardwood face frame	• 3/4” x 1-1/2” hardwood face frame
C	**DOORS**	• Stained (and Maui painted) doors are 5-piece solid wood cope-and-stick construction with a 3/4” thick, **2-3/4” wide door frame** and 1/4” veneered center panel • Painted (except Maui) doors are 5-piece HDF cope-and-stick with a 3/4” thick, **2-3/4” wide door frame** with 1/4” HDF center panel	• Stained doors are 5-piece solid wood cope-and-stick construction with a 3/4” thick, **2” wide door frame** and 1/4” veneered center panel • Painted doors are 5-piece HDF cope-and-stick with a 3/4” thick, **2” wide door frame** and 1/4” HDF center panel
D	**HINGES**	• 6-way adjustable **soft-close** concealed hinges	• 6-way adjustable **self-close** concealed hinges
E	**DRAWER FRONTS**	• **5-piece** drawer fronts with 3/4” thick frame and 1/4” thick center panel	• 3/4” thick **slab** drawer fronts
F	**DRAWERS**	• 5/8” thick solid wood dovetail drawer boxes with 1/2” thick veneered plywood drawer bottom	• 5/8” thick solid wood dovetail drawer boxes with 1/2” thick veneered plywood drawer bottom
G	**DRAWER SLIDES**	• Premium full extension, 100 lb **dynamic** weight rated, **adjustable undermount soft-close slides**	• 3/4 extension, 100 lb **static** weight rated, undermount **epoxy slides**
H	**SHELVES**	• 3/4” thick veneered plywood adjustable shelves – half depth in base cabinets • 5 mm spoon pins included	• 3/4” thick veneered plywood adjustable shelves – half depth in base cabinets • 5 mm spoon pins included
I	**END PANELS**	• 1/2” thick plywood end panels with exterior finish to match • UV coated, natural birch interior	• 1/2” thick plywood end panels with exterior finish to match • UV coated, natural birch interior
J	**TOP/BOTTOM PANELS**	• 1/2” thick plywood captured top and bottom • UV coated, natural birch interior	• 1/2” thick plywood captured top and bottom • UV coated, natural birch interior
K	**BACK PANELS**	• UV coated plywood back panel	• UV coated plywood back panel
L	**CONSTRUCTION**	• All plywood cabinet construction • QuickBuild® Dovetail / Pocket screw assembly system • 3/4” thick solid wood corner braces • 4-1/2” high toe kick	• All plywood cabinet construction • QuickBuild® Dovetail / Pocket screw assembly system • 3/4” thick solid wood corner braces • 4-1/2” high toe kick

K

L

L

F


J
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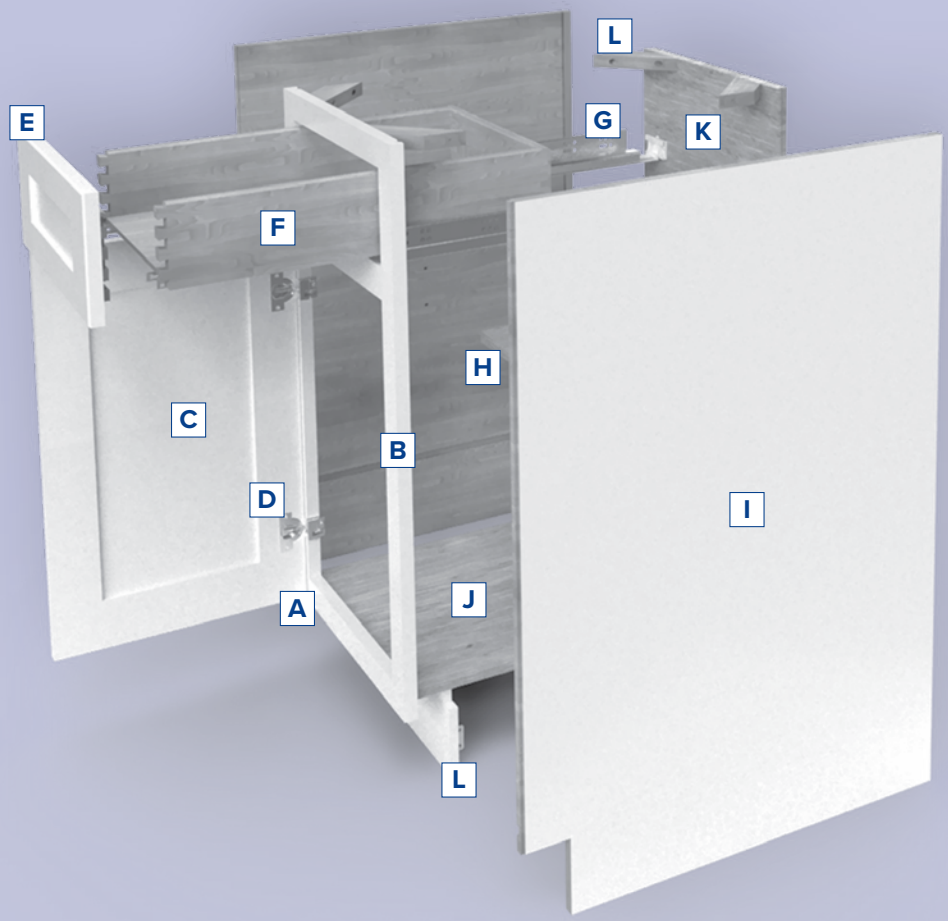
L
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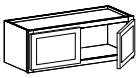
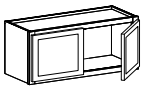
Cabinet Lineup

WALL CABINETS

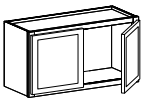
12” deep except where noted
42” high wall cabinets will have 3 shelves
*39” and 42” widths will have a vertical center stile unless otherwise noted



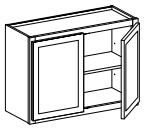
Double Door
12” Height
30”, 33”, 36”,
or *39” Width



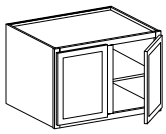
Double Door
15” Height
30”, 33”, 36”,
or *39” Width



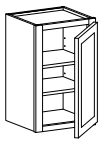
Double Door
18” Height
21”, 24”, 30”, 33”, 36”,
or *39” Width



Double Door
24” Height
30”, 33”, 36”, or *39” Width

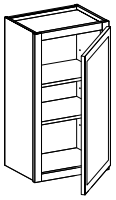


Deep Double Door
18” or 24” Height • 24” Depth
36” or *39” Width
18” Height does not have shelf

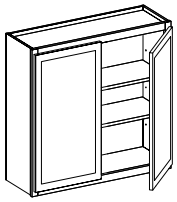


Single Door
30” Height
9”, 12”, 15”, 18”, or 21” Width

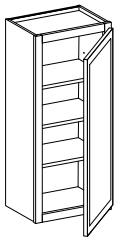
Double Door
30” Height
24”, 27”, 30”, 33”,
36”, *39”, or *42” Width



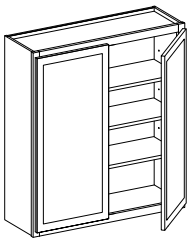
Single Door
36” Height
9”, 12”, 15”, 18”, or 21” Width



Double Door
36” Height
24”, 27”, 30”, 33”,
36”, *39”, or *42” Width

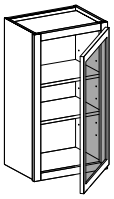


Single Door
42” Height
9”, 12”, 15”, 18”, or 21” Width

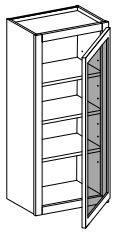


Double Door
42” Height
24”, 27”, 30”, 33”,
36”, *39”, or *42” Width

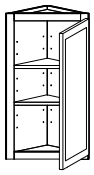
Single & Double Glass Door
Matching Finish Color Interior
30” Height
15”, 18”, 30”, or 36” Width



Single & Double Glass Door
Matching Finish Color Interior
36” Height
15”, 18”, 30”, or 36” Width

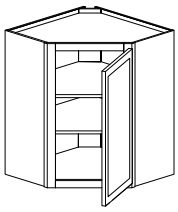


Single & Double Glass Door
Matching Finish Color Interior
42” Height
15”, 18”, 30”, or 36” Width

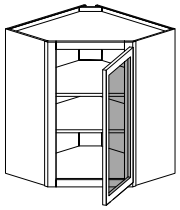


Wall End Single Door
30”, 36”, or 42” Height
12” Width

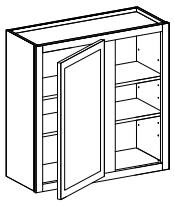
Glass door wall cabinets only available in the Premier Collection



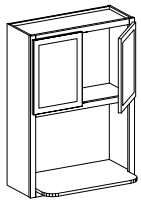
Diagonal Corner
30”, 36”, or 42” Height
12 or 15” Depth
24” or 27” Width



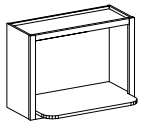
Diagonal Corner Glass Door
Matching Finish Color Interior
30”, 36” or 42” Height
12 or 15” Depth
24” or 27” Width
Glass door wall cabinets only available in the Premier Collection



Universal Blind Corner
30”, 36”, or 42” Height
30”–33” Width



Microwave Wall Cabinet
Extended Shelf
36” Height
30” Width

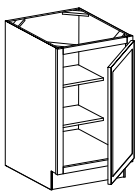


Microwave Wall Cabinet
Extended Shelf
18” Height
30” Width

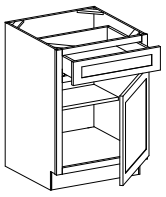
BASE CABINETS

24” deep, 34-1/2” high
except where noted

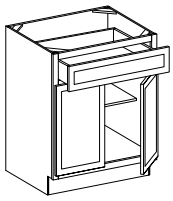
*39” and 42” widths will
have a vertical center stile
unless otherwise noted



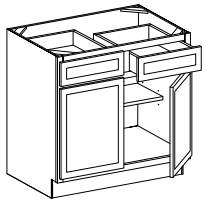
Full Height
Single Door
9”, 12”, 15”, or 18” Width



Single Door
and Drawer
12”, 15”, 18”, or 21” Width

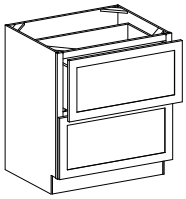


Double Door and
Single Drawer
24”, 27”, or 30” Width

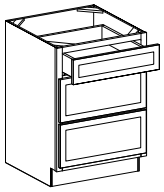


Double Door and
Double Drawer
33”, 36”, *39”, or *42” Width

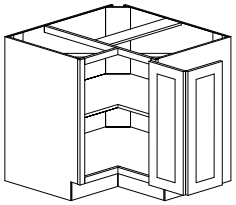
Thousands of Cabinet Options in Stock for Quick Delivery



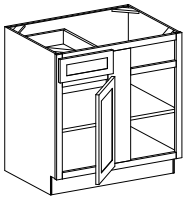
Double Drawer
30” or 36” Width



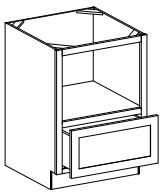
Triple Drawer
12”, 15”, 18”, 21”, 24”, 30”, or 36” Width



Base Corner Cabinet
33” or 36” Width
(Lazy Susan inserts available)



Universal Blind Base Corner
39”–42”, 42”–45”, or 45–48” Width

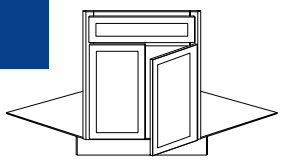


Microwave Base Cabinet with Drawer
30” Width

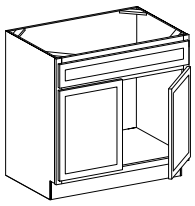
SINK BASE CABINETS

24” deep, 34-1/2” high except where noted.

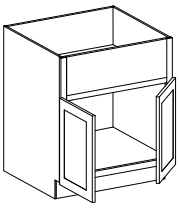
*39” and 42” widths will have a vertical center stile unless otherwise noted



Corner Sink Front Double Door
24” Depth
(2-piece bottom panel)



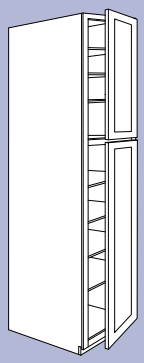
Sink Base Double Door
30”, 33”, 36”, or 39” Width



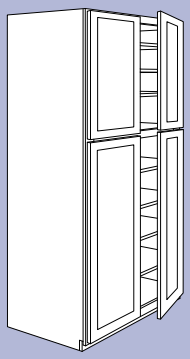
Farmhouse Sink Base Double Door
36” or 39” Width
(No center stile)

TALL CABINETS

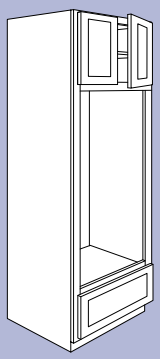
24” deep except where noted.



Utility/Pantry Single Door
84”, 90” (6 shelves), or 96” Height (7 shelves)
18” Width



Utility/Pantry Double Door
84”, 90” (6 shelves), or 96” Height (7 shelves)
24” or 30” Width

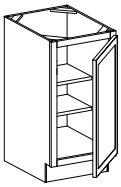


Oven Double Door, Single Drawer
84”, 90”, or *96” Height
33” Width
*Single shelf in 96” only
(Double Oven Overlay Panel available)

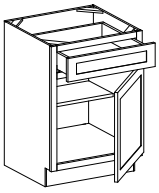
VANITY CABINETS

21” deep, 34-1/2” high except where noted

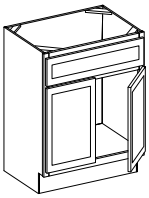
*42” widths will have a vertical center stile



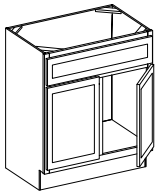
Single Door
12” Width



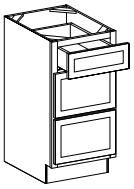
Single Door and Drawer
12”, 15”, or 18” Width



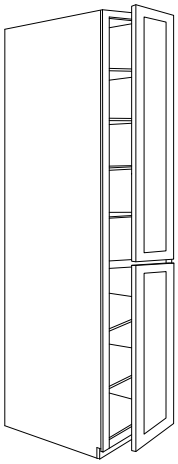
Double Door
24”, 27”, 30”, 33”, or 36” Width



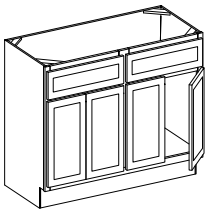
Double Door Center Stile
42” Width



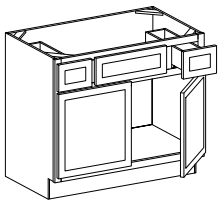
Triple Drawer
12”, 15”, 18”, or 21” Width



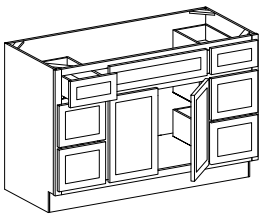
Linen Single & Double Door
84” (6 shelves)
Single: 15” and 18” Width
Double: 24” Width



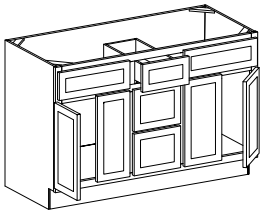
Two Double Door
48” Width



Double Door and Double Drawer
36”, 42”, or 48” Width



Double Door and Six Drawer
60” Width



Two Double Door and Triple Drawer
60” Width

Is NorthPoint Cabinetry right for your business?

Do your projects have short timelines?

Want to grow your business without adding overhead?

Is the budget too tight for custom cabinets?

NORTH POINT CABINETRY®

NorthPoint Cabinetry is a line of professional-grade, quick-assembly cabinets that helps your bottom line. Let us show you how!

What are **QuickBuild**® Cabinets?

Dovetail + Pocket Screws = **QuickBuild**®

Basic assembly of our cabinets is as simple as sliding the panels together and securing with pocket screws. You don't need extra fasteners to hold the panels in place, and conveniently placed pocket screws will reduce the average time you spend on each cabinet.

How fast can you build a cabinet?

One of our cabinets takes about 8 minutes* to assemble (many do it in 4). You can build a kitchen or bathroom in record time!

Scan the QR code to view our Quick Assembly Video.
https://delivr.com/2kcwh

Resources

Website

Scan the QR code or visit
NorthPointCabinetry.com

Video

Scan the QR code or visit
https://delivr.com/2z5tf

Warranty

Scan the QR code or visit
https://delivr.com/29q3j

NORTH POINT CABINETRY®

Hardware™ Resources

800.463.0660
www.NorthPointCabinetry.com

NorthPoint Cabinetry® is a trademark of Hardware Resources.

NORTH POINT CABINETRY®

Hardware Resources, Inc. (“we”) warrants to the original owner or owners of the building in which the NorthPoint cabinetry product was first installed (the “Owner”) that the Product will be free from defects in materials and workmanship during the Warranty Period, as set forth in further detail below.

PREMIER COLLECTION FIVE YEAR LIMITED WARRANTY (THE “PC WARRANTY”)

We warrant to the Owner that each product in our Premier Collection cabinetry line, excluding the product’s drawer slides and hinges (the “PC Product”), will be free from unnatural defects in material and workmanship under normal use and proper care for a period the shorter of: (i) FIVE (5) YEARS from the date of original purchase, or (ii) the date the Owner transfers the PC Product to another person or entity (the “PC Warranty Period”).

ESSENTIALS COLLECTION ONE YEAR LIMITED WARRANTY (THE “EC WARRANTY”)

We warrant to the Owner that each product in our Essentials Collection cabinetry line, excluding the product’s drawer slides and hinges (the “EC Product”), will be free from unnatural defects in material and workmanship under normal use and proper care for a period the shorter of: (i) ONE (1) YEAR from the date of original purchase, or (ii) the date the Owner transfers the EC Product to another person or entity (the “EC Warranty Period”).

DRAWER SLIDES AND HINGES LIMITED LIFETIME WARRANTY (THE “HARDWARE WARRANTY”; WITH THE PC WARRANTY AND THE EC WARRANTY, EACH A “WARRANTY” AND TOGETHER, THE “WARRANTIES”)

We warrant to the Owner that the drawer slides and hinges components of each product in our Premier Collection and Essentials Collection cabinetry lines (the “Hardware Product”; together with the PC Product and the EC Product, the “Products”) will be free from unnatural defects in material and workmanship under normal use and proper care for a period the shorter of: (i) the lifetime of the Owner, or (ii) the date the Owner transfers the Hardware Product to another person or entity (the “Hardware Product Warranty Period”).

TRANSFERABILITY

Only the Owner is entitled to coverage under the Warranties. The Warranties are non-transferable to any subsequent owner or transferee of the Products.

WARRANTIES LIMITATIONS AND EXCLUSIONS

The Warranties do not cover damage to Products that occurs due to normal wear and tear, transportation, storage, failure to follow instructions, alterations, modifications, unauthorized or improper repair, accidents, abuse, misuse, improper handling, improper cleaning, outdoor use, installation not in conformance with our instructions or applicable building codes or industry standards, or other actions or events beyond our control. Products that are stored or installed in environments where excessive moisture or extreme temperatures are present will not be covered under the Warranties.

Stained and Unfinished Products

Certain Products covered by the Warranties are stained or unfinished (as opposed to painted) and constructed from solid wood and wood veneers on plywood. Concerning these Products, wood characteristics that naturally occur, such as variations in color, grain, mineral streaks, and knots are not considered defects under the Warranties. Color variations and color softening in cabinets are a natural occurrence due to species, age, character of cabinets, as well as exposure to UV light, sunlight, smoke, household cleaners, and other environmental conditions. For these reasons, replacement Products and/or accessories may not match the existing Products, and such variations are not defects under the Warranties.

Any changes to the Products resulting from stains, paints, sealers, or other finishes applied by any person other than Hardware Resources, Inc., as well as any damage occurring during the finishing process, are not covered under the Warranties. The responsibility for properly applying stains, paints, or other finishes rests solely with the Owner. For these reasons, replacement Products and/or accessories may not match the existing cabinets, and such variations are not deemed a material defect under this warranty.

WARRANTY PERFORMANCE

Should you discover a Product manufacturing defect within the applicable Warranty Period and successfully make a claim under the applicable Warranty, we will replace the defective Product or Product component with a comparable Product or component that is either equal to or greater in value than the original Product or component free of charge. Coverage under a Warranty is limited to the replacement of defective Product components only. Service, labor, or transportation costs related to the removal or installation of the defective or replacement Product or components are not covered. The Warranties do not apply to any products used or installed in conjunction with the Products, such as countertops, appliances, or plumbing fixtures.

We will ship any replacement Product or component thereof to the Owner using a shipment method of our choice. Such replacement is contingent upon the then-current product offerings available within the applicable cabinetry product line at the time of the Warranty claim. If the original Product or component is no longer available, we reserve the right to replace the defective Product or component with a new product or component of the same or similar style and/or appearance.

We make no guarantee that replacement cabinets or components thereof will exactly match the finish or appearance of the remaining Products or components. Any replacement Product provided pursuant to a successful Warranty claim shall be covered under the applicable Warranty for a period equal to the remainder of the original Warranty Period or for NINETY (90) days, whichever is longer.

CLAIMS

All claims must be submitted in writing during the applicable Warranty Period and must specify in detail the defects present in the Product. To initiate a Warranty claim, contact your builder, dealer, distributor or contractor who sold and/or installed the Product. If that party is unknown or you have difficulty obtaining assistance, contact: Hardware Resources, Inc. Customer Service Dept., 4319 Marlena Street, Bossier City, LA 71111.You can also reach Customer Service by phone at 800-463-0660.

You must be able to provide sufficient proof of the Product's alleged defects (such as samples and/or a number of clear photographs for us to be able to evaluate the claim). If we require a sample of the defective Product, you must pay for shipping and handling to our address. We reserve the right to inspect the allegedly defective Product at the site of installation. You must be able to provide a detailed receipt for the Product. We have the sole right to determine whether a Warranty claim filed is valid.

WARRANTY DISCLAIMER

THE STATEMENTS OF WARRANTY WITHIN THESE WARRANTIES SET FORTH THE ONLY EXPRESS WARRANTIES EXTENDED BY HARDWARE RESOURCES, INC. FOR ITS NORTHPOINT CABINETRY PRODUCTS, AND THE PROVISIONS OF THESE WARRANTIES SHALL CONSTITUTE THE ENTIRE LIABILITY OF HARDWARE RESOURCES, INC. AND THE OWNER'S EXCLUSIVE REMEDY FOR BREACH OF THESE WARRANTIES. NO OTHER WARRANTY, MADE BY HARDWARE RESOURCES, INC. OR ITS AGENTS, DEALERS, OR DISTRIBUTORS, WRITTEN OR OTHERWISE COMMUNICATED, WHICH IS NOT CONTAINED OR AUTHORIZED HEREIN, WILL BE RECOGNIZED BY HARDWARE RESOURCES, INC.

LIMITATION OF LIABILITY AND CHOICE OF LAW

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF AN APPLICABLE WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

The Warranties give you specific legal rights and you may also have other rights, which vary from state to state.

WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE DURATION OF THE APPLICABLE WARRANTY HEREIN.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The Warranties shall be governed and construed in accordance with the laws of the State of Texas, without regard to its conflict of laws. Any legal action concerning the Warranties shall be litigated in the courts of the State of Texas, to which you agree to submit to personal jurisdiction.

Certificate Number: 25067
Issue Date: July 1, 2025
Expiration Date: December 31, 2025
Supersedes Certificate No.: New

ANSI/KCMA A161.1

LISTING
CERTIFICATE
THIS CERTIFIES THAT
NorthPoint Cabinetry
Goodyear, AZ

is a current participant in the Kitchen Cabinet Manufacturers Association Certification Program and is manufacturing the following lines of kitchen cabinets and/or bathroom vanity cabinets in conformance with American National Standard ANSI/KCMA A161.1-2022, *Performance and Construction Standard for Kitchen and Vanity Cabinets*:

Premier Collections

Catalina

Espresso	Polar White	Slate
Pebble Grey	Sandstone	

Maui

Espresso	Polar White
Pebble Grey	Slate

Essentials Collection

Hatteras

Espresso	Polar White
Pebble Grey	Slate

These cabinet lines are listed in the Kitchen Cabinet Manufacturers Association Directory of Certified Cabinet Manufacturers. This manufacturer is authorized to apply KCMA Certification Seals to the factory assembled kitchen and bath cabinet lines listed above. Flat pack (unassembled) cabinets and unfinished cabinets, if sold by this manufacturer, are not certified.

This certificate may be updated at any time and will expire on the date listed above. This certificate may also be canceled for non-conformity with the requirements of the Certification Program or upon voluntary withdrawal from the program by the manufacturer.

Charles P. Arnold
Vice President Standards & Certification

This certificate is current as of the issue date
Current listing information is at www.kcma.org

Certificate Number: 25066
Issue Date: June 18, 2025
Expiration Date: December 31, 2025
Supersedes Certificate No.: New

ANSI/KCMA A161.1

LISTING
CERTIFICATE
THIS CERTIFIES THAT
NorthPoint Cabinetry
Plant City, FL

is a current participant in the Kitchen Cabinet Manufacturers Association Certification Program and is manufacturing the following lines of kitchen cabinets and/or bathroom vanity cabinets in conformance with American National Standard ANSI/KCMA A161.1-2022, *Performance and Construction Standard for Kitchen and Vanity Cabinets*:

Premier Collections

Catalina

Espresso	Polar White	Slate
Pebble Grey	Sandstone	

Maui

Espresso	Polar White
Pebble Grey	Slate

Essentials Collection

Hatteras

Espresso	Polar White
Pebble Grey	Slate

These cabinet lines are listed in the Kitchen Cabinet Manufacturers Association Directory of Certified Cabinet Manufacturers. This manufacturer is authorized to apply KCMA Certification Seals to the factory assembled kitchen and bath cabinet lines listed above. Flat pack (unassembled) cabinets and unfinished cabinets, if sold by this manufacturer, are not certified.

This certificate may be updated at any time and will expire on the date listed above. This certificate may also be canceled for non-conformity with the requirements of the Certification Program or upon voluntary withdrawal from the program by the manufacturer.

Charles P. Arnold
Vice President Standards & Certification

This certificate is current as of the issue date
Current listing information is at www.kcma.org

Certificate Number: 25103
Issue Date: August 7, 2025
Expiration Date: February 28, 2026
Supersedes Certificate No.: New

ANSI/KCMA A161.1

LISTING

CERTIFICATE

THIS CERTIFIES THAT

NorthPoint Cabinetry

York, PA

is a current participant in the Kitchen Cabinet Manufacturers Association Certification Program and is manufacturing the following lines of kitchen cabinets and/or bathroom vanity cabinets in conformance with American National Standard ANSI/KCMA A161.1-2022, *Performance and Construction Standard for Kitchen and Vanity Cabinets*:

Premier Collections

Catalina

Espresso	Polar White	Slate
Pebble Grey	Sandstone	

Maui

Espresso	Polar White
Pebble Grey	Slate

Essentials Collection

Hatteras

Espresso	Polar White
Pebble Grey	Slate

These cabinet lines are listed in the Kitchen Cabinet Manufacturers Association Directory of Certified Cabinet Manufacturers. This manufacturer is authorized to apply KCMA Certification Seals to the factory assembled kitchen and bath cabinet lines listed above. Flat pack (unassembled) cabinets and unfinished cabinets, if sold by this manufacturer, are not certified.

This certificate may be updated at any time and will expire on the date listed above. This certificate may also be canceled for non-conformity with the requirements of the Certification Program or upon voluntary withdrawal from the program by the manufacturer.

Charles P. Arnold
Vice President Standards & Certification

This certificate is current as of the issue date
Current listing information is at www.kcma.org

Certificate Number: 25055
Issue Date: June 5, 2025
Expiration Date: November 30, 2025
Supersedes Certificate No.: New

LISTING
CERTIFICATE
THIS CERTIFIES THAT

NorthPoint Cabinetry

Houston, TX

is a current participant in the Kitchen Cabinet Manufacturers Association Certification Program and is manufacturing the following lines of kitchen cabinets and/or bathroom vanity cabinets in conformance with American National Standard ANSI/KCMA A161.1-2022, *Performance and Construction Standard for Kitchen and Vanity Cabinets*:

Premier Collections

Catalina

Espresso	Polar White	Slate
Pebble Grey	Sandstone	

Maui

Espresso	Polar White
Pebble Grey	Slate

Essentials Collection

Hatteras

Espresso	Polar White
Pebble Grey	Slate

These cabinet lines are listed in the Kitchen Cabinet Manufacturers Association Directory of Certified Cabinet Manufacturers. This manufacturer is authorized to apply KCMA Certification Seals to the factory assembled kitchen and bath cabinet lines listed above. Flat pack (unassembled) cabinets and unfinished cabinets, if sold by this manufacturer, are not certified.

This certificate may be updated at any time and will expire on the date listed above. This certificate may also be canceled for non-conformity with the requirements of the Certification Program or upon voluntary withdrawal from the program by the manufacturer.

Charles P. Arnold
Vice President Standards & Certification

This certificate is current as of the issue date
Current listing information is at www.kcma.org

TRAPOLINPEER

Gensler studio kiro

PROJECT MANUAL

DIVISIONS 00-00
VOLUME 1 of 1

THE RIVANA @ RIVER DISTRICT

LOT 5B – MULTIFAMILY + COMMERCIAL
1494 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130

GMP ADDENDUM#1
JANUARY 30, 2026

RDNI BATTURE, LLC

400 POYDRAS ST., STE. 2620
NEW ORLEANS, LA 70130
504.291.6100

GIBBS CONSTRUCTION

5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

TPA PROJECT #: CN22194

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003132 - GEOTECHNICAL DATA

1.1 GEOTECHNICAL DATA

A. This Document with its referenced attachments is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' and Contractor's convenience and information and are intended to supplement rather than serve in lieu of Bidders' and Contractor's own investigations. This Document and its attachments are not part of the Contract Documents.

B. Because subsurface conditions indicated by the soil borings are a sampling in relation to the entire construction area, and for other reasons, the Owner, the Architect, the Architect's consultants, and the firm reporting the subsurface conditions do not warranty the conditions below the depths of the borings or that the strata logged from the borings are necessarily typical of the entire site. Any party using the information described in the soil borings and geotechnical report shall accept full responsibility for its use.

C. A geotechnical investigation report, including soil boring data for Project, prepared by **The Beta Group, dated September 8, 2025**, is available for viewing as appended to this Project Manual.

1. The opinions expressed in this report are those of a geotechnical engineer and represent interpretations of subsoil conditions, tests, and results of analyses conducted by a geotechnical engineer. Owner is not responsible for interpretations or conclusions drawn from the data.
2. Any party using the information described in the geotechnical report shall make additional test borings and conduct other exploratory operations that may be required to determine the character of subsurface materials that may be encountered.

END OF DOCUMENT

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SECTION 006000 – PROJECT FORMS

1.1 FORM OF AGREEMENT AND GENERAL CONDITIONS

A. AIA Document A102, "Standard Form of Agreement between Owner and Contractor, where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price."

1. The General Conditions for Project are AIA Document A201, "General Conditions of the Contract for Construction."
2. The General Conditions form is hereby incorporated by reference.
3. The Supplementary Conditions for the Project or Project-specific modifications to the General Conditions are available from the Owner.

1.2 ADMINISTRATIVE FORMS

A. Administrative Forms: Additional administrative forms are specified in Division 01 General Requirements.

B. Copies of AIA standard forms may be obtained from the American Institute of Architects; http://www.aia.org/contractdocs/purchase/index.htm; docspurchases@aia.org; (800) 942-7732.

C. Preconstruction Forms:

1. Form of Performance Bond and Labor and Material Bond: AIA Document A312, "Performance Bond and Payment Bond."
2. Form of Certificate of Insurance: AIA Document G715, "Supplemental Attachment for ACORD Certificate of Insurance 25-S."

D. Information and Modification Forms:

1. Form for Requests for Information (RFIs): Bound in the Project Manual, or comparable form part of Web-Based Project Management System acceptable to Architect.
2. Form of Request for Proposal: AIA Document G709, "Work Changes Proposal Request."
3. Change Order Form: AIA Document G701, "Change Order" or comparable form part of Web-Based Project Management System acceptable to Architect.
4. Form of Architect's Memorandum for Minor Changes in the Work (Work Order): AIA Document G707, "Architect's Supplemental Instructions" or comparable form part of Web-Based Project Management System acceptable to Architect
5. Form of Change Directive (Work Order): AIA Document G714, "Construction Change Directive" **or comparable form part of Web-Based Project Management System acceptable to Architect.**

E. Payment Forms:

1. Schedule of Values Form: AIA Document G703, "Continuation Sheet" or comparable form part of Web-Based Project Management System acceptable to Architect
2. Payment Application: AIA Document G702/703, "Application and Certificate for Payment and Continuation Sheet" or comparable form part of Web-Based Project Management System acceptable to Architect
3. Form of Contractor's Affidavit: AIA Document G706, "Contractor's Affidavit of Payment of Debts and Claims" **or comparable form part of Web-Based Project Management System acceptable to Architect**.

4. Form of Affidavit of Release of Liens: AIA Document G706A, "Contractor's Affidavit of Payment of Release of Liens" **or comparable form part of Web-Based Project Management System acceptable to Architect.**
5. Form of Consent of Surety: AIA Document G707, "Consent of Surety to Final Payment" **or comparable form part of Web-Based Project Management System acceptable to Architect.**

END OF SECTION

SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Owner-furnished/Contractor-installed (OFCI) products.
4. Owner-furnished/Owner-installed (OFOI) products.
5. Contractor's use of site and premises.
6. Work restrictions.
7. Specification and Drawing conventions.
8. Miscellaneous provisions.

1.2 DEFINITIONS

A. Contractor: The entity holding a prime contract with the Owner.

B. Installer: The trade or subcontractor holding a contract with the Contractor.

1.3 PROJECT INFORMATION

A. Project Identification: The Rivanna @ River District.

1. Project Location: 1480 Tchoupitoulas St., New Orleans, LA 70130.

B. Owner: RDNI Batture, LLC; 400 Poydras St., Ste. 2620; New Orleans, LA 70130

1. Owner’s Representative: Wendy Heath, Project Manager; Cumming Group; 1 Music Circle, Ste. 430; Nashville, TN 37203; wendy.heath@cumming-group.com

C. Contractor: Gibbs Construction, 5736 Citrus Blvd., Ste. 200, New Orleans, LA 70130.

D. Architect: Trapolin-Peer Architects, 850 Tchoupitoulas St., New Orleans, LA 70130; (504) 523-2772; www.trapolinpeer.com.

1. Architect's Representative: Sara Simonsen AIA; ssimonsen@trapolinpeer.com.

E. Architect's Consultants: Architect has retained the design professionals indicated on the Drawing Title Sheet who have prepared designated portions of the Contract Documents.

F. Web-Based Project Software: Project software will be used for purposes of managing communication and documents during the construction stage.

1. See Section 013100 "Project Management and Coordination." for requirements for using web-based Project software.

1.4 WORK COVERED BY CONTRACT DOCUMENTS

A. The Project, briefly and without force and effect upon the Contract Documents, can be summarized as follows:

1. **4-story new construction mixed-use multifamily building in the New Orleans River District housing 220 apartment units with commercial retail on a portion of the ground floor. Ancillary uses are leasing offices and miscellaneous residential amenities including a multipurpose community room, fitness room, and swimming pool. Project includes sitework with surface parking and outdoor residential amenities.**

B. Code Notes:

1. Occupancy and Construction Type are described on the Drawings.

C. Construction Notes: New construction consists of:

1. Timber pile-supported cast in place concrete foundation.
2. Exterior sitework for public sidewalks/landscaping, surface parking lot, and courtyard amenity space, including a swimming pool.
3. Wood framing is used for structural systems with a limited amount of structural steel and CMU at shafts/shear walls. Floor structural system is engineered wood joists, and roof structural system is engineered wood joists.
4. Exterior cladding is comprised of brick veneer, formed metal wall panels, cement plaster, and both storefront and vinyl windows.
5. New roofing will be low slope TPO membrane on rigid insulation over a wood deck.
6. Project requirements include Fortified Gold Multifamily Certification, and Enterprise Green Communities Certification.
7. The Work includes mockups.

1.5 WORK PERFORMED BY OWNER

A. Non code-complying signage and branding.

1.6 WORK UNDER OWNER'S SEPARATE CONTRACTS

A. Work with Separate Contractors: Cooperate fully with Owner's separate contractors, so work on those contracts may be carried out smoothly, without interfering with or delaying Work under this Contract or other contracts. Coordinate the Work of this Contract with work performed under Owner's separate contracts.

B. Preceding Work: Owner has awarded separate contract(s) for the following construction operations adjacent to Project site. Those operations are scheduled to be substantially complete before Work under this Contract begins.

1. New district/site infrastructure, including adjacent new streets, new utilities including those required for project tie-in, and underground site stormwater retention located on adjacent Parcel 5a.

C. Concurrent Work: Owner has awarded or will award separate contracts for the following construction operations at Project site. Those operations will be conducted simultaneously with Work under this Contract.

1. Testing and laboratory services.

2. New pile-supported cast-in-place concrete egress “porch”. This work is located on adjacent Parcel 5a but installation is required for this project prior to occupancy. Porch will tie-in to this project’s foundation at gridline T.

1.7 OWNER-FURNISHED/CONTRACTOR-INSTALLED (OFCI) PRODUCTS

A. Owner's Responsibilities: Owner will furnish products indicated and perform the following, as applicable:

1. Provide to Contractor Owner-reviewed Product Data, Shop Drawings, and Samples.
2. Provide for delivery of Owner-furnished products to Project site.
3. Upon delivery, inspect, with Contractor present, delivered items.

    a. If Owner-furnished products are damaged, defective, or missing, arrange for replacement.

4. Obtain manufacturer's inspections, service, and warranties.
5. Inform Contractor of earliest available delivery date for Owner-furnished products.

B. Contractor's Responsibilities: The Work includes the following, as applicable:

1. Designate delivery dates of Owner-furnished products in Contractor's construction schedule, utilizing Owner-furnished earliest available delivery dates.
2. Review Owner-reviewed Product Data, Shop Drawings, and Samples, noting discrepancies and other issues in providing for Owner-furnished products in the Work.
3. Receive, unload, handle, store, protect, and install Owner-furnished products.
4. Make building services connections for Owner-furnished products.
5. Protect Owner-furnished products from damage during storage, handling, and installation and prior to Substantial Completion.
6. Repair or replace Owner-furnished products damaged following receipt.

C. Owner-Furnished/Contractor-Installed (OFCI) Products:

1. Trash Compactor.

1.8 OWNER-FURNISHED/OWNER-INSTALLED (OFOI) PRODUCTS

A. The Owner will furnish and install products indicated on Drawings by OFOI or NIC.

1. Fitness Room equipment.
2. Vending equipment.
3. Amenity and leasing office loose furnishings and decorations, including leasing office and amenity space window coverings.

1.9 CONTRACTOR'S USE OF SITE AND PREMISES

A. General: Contractor shall have full use of premises for construction operations, including use of Project site, during construction period. Contractor's use of premises is limited only by Owner's right to perform work or to retain other contractors on portions of Project.

1.10 COORDINATION WITH OCCUPANTS

A. Not applicable.

1.11 WORK RESTRICTIONS

A. Comply with restrictions on construction operations.

1. Comply with limitations on use of public streets, work on public streets, rights of way, and other requirements of authorities having jurisdiction.

B. Traffic Control: Maintain boundary, adjacent, and access roads used by Contractor under permit or otherwise, regardless of status, classification, or ownership, during the Work. Perform maintenance as required to keep roads passable and usable by others without inconvenience or delay. Provide traffic control at no additional cost to the Owner.

1. Provide and maintain traffic control devices on dedicated streets and highways including but not limited to signals, barriers, flares, lights, and flagmen as required by authorities having jurisdiction when construction operations conflict with the movement of vehicular or pedestrian traffic.

C. Clean Roads: At the end of each workday during construction of the project, clean streets used for hauling construction materials and entrance to the construction site free of mud, dirt, trash, allaying dust, and debris resulting from hauling activities. Ensure that all streets and sidewalks adjacent to the construction site are free of trash and debris.

D. Road Surfaces: Maintain Street surfaces adjacent to Project Site in smooth condition devoid of potholes throughout construction period. Whenever a significant portion of an adjacent road surface is disturbed for reasons relating to the construction, including utility work, the Contractor shall promptly repair the disturbed portions with hot patching to return the road surface to a smooth condition. The term "significant portion of the road" is understood to include, but not be limited to, a cut in the road surface that exceeds 10 feet in length or 100 square feet in area.

E. Maintenance of Building Site: Maintain the building site and any buildings located within it in well-maintained condition throughout construction. This shall include, but not be limited to maintaining landscaping, keeping grass and undergrowth moved, removing litter and debris from the site, and properly disposing of recyclable materials.

F. Accident Prevention and Safety: Comply with all applicable laws, ordinances, rules, regulations and orders of governing authorities having jurisdiction for the safety of persons and property to protect them from damage, injury or loss.

1. Contractor is solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Project.
2. Comply with AGC's "Manual of Accident Prevention in Construction" in addition to accident prevention and safety requirements of applicable codes, ordinances, and statutes.
3. Erect and maintain, as required by conditions and progress of the work, necessary safeguards for safety and protection, including fences, railings, barricades, lighting, posting of danger signs and other warnings against hazards.
4. Build scaffolds and other temporary facilities in accordance with all requirements of local, state and Federal laws and regulations.

1.12 PROJECT MANUAL

A. This Project Manual is the volume assembled for the Work which may include the Procurement Requirements, Contracting Requirements, General Requirements Specifications, and individual Specifications sections as indicated in the Table of Contents and may include but is not limited to the following distinct parts:

B. Division 00 Bidding and Contracting Requirements:

1. Not part of the Contract unless incorporated by reference in a Contracting Requirements document.
2. Not specifications.

C. Division 01 General Requirements:

1. Expand upon requirements of General Conditions.
2. Describe administrative and procedural requirements that apply to all individual specification sections of all design disciplines included in the Project Manual.
3. Part of the Contract.
4. Specifications.

D. Specifications (6- and 8- digit format):

1. Establish the quality levels of materials and systems required for the Project.
2. Division 02 – 19: Facility Construction.
3. Division 20 – 29: Facility Services (FP/PL/HVAC/EL/COMM).
4. Division 30 – 39: Site and Infrastructure.
5. Part of the Contract.

E. Appendices:

1. Not part of the construction contract unless incorporated by reference in a contracting requirements document.
2. Not specifications.

1.13 SPECIFICATION AND DRAWING CONVENTIONS

A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:

1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
2. Text Color: Text used in the Specifications, including units of measure, manufacturer and product names, and other text may appear in multiple colors or underlined as part of a hyperlink; no emphasis is implied by text with these characteristics.
3. Hypertext: Text used in the Specifications may contain hyperlinks. Hyperlinks may allow for access to linked information that is not residing in the Specifications. Unless otherwise indicated, linked information is not part of the Contract Documents.
4. Specification requirements are to be performed by Contractor unless specifically stated otherwise.

B. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:

1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
2. Abbreviations: Materials and products are identified by abbreviations scheduled on Drawings.
3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.

B. Execute accepted alternates under the same conditions as other Work of the Contract.

C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate #1: Exterior Material At 'Slots':

1. Base Bid: Exterior portland cement plaster wall cladding and soffit cladding.

2. Alternate 1.A: Aluminum composite metal cladding rainscreen system and vented soffits. Refer to Section 074215 “Metal Composite Material Wall Panels.”

3. Alternate 1.B: Fiber cement wall panel rainscreen cladding and vented soffits. Refer to Section 074646 “Fiber Cement Siding.”

B. Alternate #2: Exterior Parking Lot Entry Wall:

1. Base Bid: CMU and brick masonry wall, with delegated design metal rolling gate.

2. Alternate: Wood fencing with delegated design wood rolling gate.

C. Alternate #3: Courtyard Parapets and Roof Drainage:

1. Base Bid: Built-up parapet and cap with through wall scuppers and downspouts.

2. Alternate: Roof edge flashing, continuous gutter and downspouts.

D. **Alternate #4: Exterior Street Lighting:**

1. Alternate: Refer to the Electrical Drawings for description of Alternate work.

END OF SECTION

SECTION 012500 - SUBSTITUTION PROCEDURES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for substitutions.

1.2 DEFINITIONS

A. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents.

1. Substitutions for Cause: Changes proposed by Contractor that are required due to changed Project conditions, such as unavailability of product, regulatory changes, or unavailability of required warranty terms.
2. Substitutions for Convenience: Changes proposed by Contractor or Owner that are not required to meet other Project requirements but may offer advantage to Contractor or Owner.

1.3 ACTION SUBMITTALS

A. Substitution Requests: Submit documentation identifying product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.

1. Substitution Request Form: Use form provided in Project Manual, form that is part of web-based Project management software, or other form acceptable to Architect.
2. Documentation: Show compliance with requirements for substitutions and the following, as applicable:

a. Statement indicating why specified product or fabrication, or installation method cannot be provided, if applicable.
b. Coordination of information, including a list of changes or revisions needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
c. Detailed comparison of significant qualities of proposed substitutions with those of the Work specified. Include annotated copy of applicable Specification Section. Significant qualities may include attributes, such as performance, weight, size, durability, visual effect, sustainable design characteristics, warranties, and specific features and requirements indicated. Indicate deviations, if any, from the Work specified.
d. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
e. Samples, where applicable or requested.
f. Certificates and qualification data, where applicable or requested.
g. List of similar installations for completed projects, with project names and addresses as well as names and addresses of architects and owners.
h. Material test reports from a qualified testing agency, indicating and interpreting test results for compliance with requirements indicated.
i. Research reports evidencing compliance with building code in effect for Project, from ICC-ES, where available.
j. Detailed comparison of Contractor's construction schedule using proposed substitutions with products specified for the Work, including effect on the overall

Contract Time. If specified product or method of construction cannot be provided within the Contract Time, include letter from manufacturer, on manufacturer's letterhead, stating date of receipt of purchase order, lack of availability, or delays in delivery.

k. Cost information, including a proposal of change, if any, in the Contract Sum.

l. Contractor's certification that proposed substitution complies with requirements in the Contract Documents, except as indicated in substitution request, is compatible with related materials and is appropriate for applications indicated.

m. Contractor's waiver of rights to additional payment or time that may subsequently become necessary because of failure of proposed substitution to produce indicated results.

3. Architect's Action: **The Architect will review and return contractor substitution request within fourteen (14) days of receipt. In cases where a consultant's review is required, an appropriate response shall be made within twenty-one (21) calendar days of receipt**.If necessary, Architect will request additional information or documentation for evaluation **within the time period specified in the Contract** after receipt of a request for substitution. Architect will notify Contractor of acceptance or rejection of proposed substitution following evaluation of the submitted item.

a. Forms of Acceptance: Change Order, Construction Change Directive, or Architect's Supplemental Instructions for minor changes in the Work.

b. Use product specified if Architect does not issue a decision on use of a proposed substitution within time allocated.

1.4 QUALITY ASSURANCE

A. Compatibility of Substitutions: Investigate and document compatibility of proposed substitution with related products and materials. Engage a qualified testing agency to perform compatibility tests recommended by manufacturers.

1.5 PROCEDURES

A. Coordination: Revise or adjust affected work as necessary to integrate work of the approved substitutions.

1.6 SUBSTITUTIONS

A. Substitutions for Cause: Submit requests for substitution immediately on discovery of need for change, but not later than 15 days prior to time required for preparation and review of related submittals.

1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:

a. Requested substitution is consistent with the Contract Documents and will produce indicated results.

b. Requested substitution provides sustainable design characteristics that specified product provided for compliance with sustainable design requirements.

c. Substitution request is fully documented and properly submitted.

d. Requested substitution will not adversely affect Contractor's construction schedule.

e. Requested substitution has received necessary approvals of authorities having jurisdiction.

f. Requested substitution is compatible with other portions of the Work.
g. Requested substitution has been coordinated with other portions of the Work.
h. Requested substitution provides specified warranty.
i. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

B. Substitutions for Convenience: **Architect will consider requests for substitution after commencement of the Work subject to the following conditions:**

1. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:

a. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities Owner must assume. Owner's additional responsibilities may include compensation to Architect for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.
b. Requested substitution does not require extensive revisions to the Contract Documents.
c. Requested substitution is consistent with the Contract Documents and will produce indicated results.
d. Requested substitution provides sustainable design characteristics that specified product provided for compliance with sustainable design requirements.
e. Substitution request is fully documented and properly submitted.
f. Requested substitution will not adversely affect Contractor's construction schedule.
g. Requested substitution has received necessary approvals of authorities having jurisdiction.
h. Requested substitution is compatible with other portions of the Work.
i. Requested substitution has been coordinated with other portions of the Work.
j. Requested substitution provides specified warranty.
k. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

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SECTION 012600 - CONTRACT MODIFICATION PROCEDURES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for handling and processing Contract modifications.

B. Related Requirements:

1. Section 012500 "Substitution Procedures" for administrative procedures for handling requests for substitutions made after the Contract award.
2. Section 013100 "Project Management and Coordination" for requirements for forms for contract modifications provided as part of web-based Project management software.

1.2 MINOR CHANGES IN THE WORK

A. Architect will issue supplemental instructions authorizing minor changes in the Work, not involving adjustment to the Contract Sum or the Contract Time, on AIA Document G710, or on web-based Project management software, as applicable to Project.

1.3 PROPOSAL REQUESTS

A. Owner-Initiated Proposal Requests: Architect will issue a detailed description of proposed changes in the Work that may require adjustment to the Contract Sum or the Contract Time. If necessary, the description will include supplemental or revised Drawings and Specifications.

1. Work Change Proposal Requests issued by Architect are not instructions either to stop work in progress or to execute the proposed change.
2. Within time specified in Proposal Request or 20 days, when not otherwise specified, after receipt of Proposal Request, submit a quotation estimating cost adjustments to the Contract Sum and the Contract Time necessary to execute the change.

    a. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
    b. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
    c. Include costs of labor and supervision directly attributable to the change.
    d. Include an updated Contractor's construction schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship.
    e. Quotation Form: Use forms acceptable to Architect.

B. Contractor-Initiated Proposals: If latent or changed conditions require modifications to the Contract, Contractor may initiate a claim by submitting a request for a change to Architect.

1. Include a statement outlining reasons for the change and the effect of the change on the Work. Provide a complete description of the proposed change. Indicate the effect of the proposed change on the Contract Sum and the Contract Time.
2. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.

3. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
4. Include costs of labor and supervision directly attributable to the change.
5. Include an updated Contractor's construction schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship.
6. Comply with requirements in Section 012500 "Substitution Procedures" if the proposed change requires substitution of one product or system for product or system specified.
7. Proposal Request Form: Use form acceptable to Architect.

1.4 CHANGE ORDER PROCEDURES

A. On Owner's approval of a Work Change Proposal Request, Architect will issue a Change Order for signatures of Owner and Contractor on AIA Document G701 or a similar form that is part of a web-based project management software system.

1.5 CONSTRUCTION CHANGE DIRECTIVE

A. Construction Change Directive: Architect may issue a Construction Change Directive on AIA Document G714. Construction Change Directive instructing Contractor to proceed with a change in the Work, for subsequent inclusion in a Change Order.

1. Construction Change Directive contains a complete description of change in the Work. It also designates method to be followed to determine change in the Contract Sum or the Contract Time.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 012900 - PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements necessary to prepare and process Applications for Payment.

1.2 DEFINITIONS

A. Schedule of Values: A statement furnished by Contractor allocating portions of the Contract Sum to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

1.3 SCHEDULE OF VALUES

A. Coordination: Coordinate preparation of the schedule of values with preparation of Contractor's construction schedule. Cost-loaded Critical Path Method Schedule may serve to satisfy requirements for the schedule of values.

1. Coordinate line items in the schedule of values with items required to be indicated as separate activities in Contractor's construction schedule.
2. Submit the schedule of values to Architect at earliest possible date, but no later than seven days before the date scheduled for submittal of initial Applications for Payment.

B. Format and Content: Use Project Manual table of contents as a guide to establish line items for the schedule of values. Provide at least one-line item for each Specification Section.

1. Identification: Include the following Project identification on the schedule of values:

    a. Project name and location.
    b. Owner's name.
    c. Owner's Project number.
    d. Name of Architect.
    e. Architect's Project number.
    f. Contractor's name and address.
    g. Date of submittal.

2. Arrange schedule of values consistent with format of AIA Document G703.
3. Arrange the schedule of values in tabular form, with separate columns to indicate the following for each item listed:

    a. Related Specification Section or division.
    b. Description of the Work.
    c. Name of subcontractor.
    d. Name of manufacturer or fabricator.
    e. Name of supplier.
    f. Change Orders (numbers) that affect value.
    g. Dollar value of the following, as a percentage of the Contract Sum to nearest one-hundredth percent, adjusted to total 100 percent. Round dollar amounts to whole dollars, with total equal to Contract Sum.

        1) Labor.

2) Materials.
3) Equipment.

4. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Provide multiple line items for principal subcontract amounts in excess of five percent of the Contract Sum.
5. Provide a separate line item in the schedule of values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.

    a. Differentiate between items stored on-site and items stored off-site.

6. Overhead Costs, Separate Line Items: Show cost of temporary facilities and other major cost items that are not direct cost of actual work-in-place as separate line items.
7. Temporary Facilities: Show cost of temporary facilities and other major cost items that are not direct cost of actual work-in-place as separate line items.
8. Closeout Costs. Include separate line items under Contractor and principal subcontracts for Project closeout requirements in an amount totaling five percent of the Contract Sum and subcontract amount.
9. Schedule of Values Revisions: Revise the schedule of values when Change Orders or Construction Change Directives result in a change in the Contract Sum. Include at least one separate line item for each Change Order and Construction Change Directive.

1.4 APPLICATIONS FOR PAYMENT

A. Each Application for Payment following the initial Application for Payment shall be consistent with previous applications and payments, as certified by Architect and paid for by Owner.

B. Submit payment applications to the Owners Representative for review. The Owner's Representative will then send to Architect for review, job walk, and certification.

C. Payment Application Times: The date for each progress payment is indicated in the Owner/Contractor Agreement. The period of construction work covered by each Application for Payment is the period indicated in the Agreement.

D. Payment Application Times: When not stipulated in the Owner/Contractor Agreement, submit Application for Payment to **Owner's Representative** by the 25 of the month. The period covered by each Application for Payment is one month, ending on the last day of the month.

    1. Submit draft copy of Application for Payment seven days prior to due date for review by **the Owner's Representative**.

E. Application for Payment Forms: Use AIA Document G702 and AIA Document G703 as form for Applications for Payment.

    1. Other Application for Payment forms proposed by the Contractor may be acceptable to Architect and Owner. Submit forms for approval with initial submittal of schedule of values.

F. Application Preparation: Complete every entry on form. Notarize and execute by a person authorized to sign legal documents on behalf of Contractor. Architect will return incomplete applications without action.

    1. Entries shall match data on the schedule of values and Contractor's construction schedule. Use updated schedules if revisions were made.

2. Include amounts for work completed following previous Application for Payment, whether or not payment has been received. Include only amounts for work completed at time of Application for Payment.
3. Include amounts of Change Orders and Construction Change Directives issued before last day of construction period covered by application.
4. Indicate separate amounts for work being carried out under Owner-requested project acceleration.

G. Stored Materials: Include in Application for Payment amounts applied for materials or equipment purchased or fabricated and stored but not yet installed. Differentiate between items stored on-site and items stored off-site.

1. Provide certificate of insurance, evidence of transfer of title to Owner, and consent of surety to payment for stored materials.
2. Provide photographs of the stored material labeled with: product, project name, project address, stored address, and date.
3. Provide supporting documentation that verifies amount requested, such as paid invoices. Match amount requested with amounts indicated on documentation; do not include overhead and profit on stored materials.
4. Provide summary documentation for stored materials indicating the following:

    a. Value of materials previously stored and remaining stored as of date of previous Applications for Payment.
    b. Value of previously stored materials put in place after date of previous Application for Payment and on or before date of current Application for Payment.
    c. Value of materials stored since date of previous Application for Payment and remaining stored as of date of current Application for Payment.

H. Record Documents: Submit, with each progress payment application, documentation of current maintenance of Project Record documents indicating changes since the last payment application.

I. Transmittal: Submit signed and notarized electronic copy of each Application for Payment to Architect. Include waivers of lien and similar attachments if required.

1. Transmit with a transmittal form listing attachments and recording appropriate information about application.

J. Waivers of Mechanic's Lien: With each Application for Payment, submit waivers of mechanic's lien from entities lawfully entitled to file a mechanic's lien arising out of the Contract and related to the Work covered by the payment.

1. Submit **interim** waivers on each item for amount requested in previous application, after deduction for retainage, on each item.
2. When an application shows completion of an item, **submit final or full waivers**.
3. **All tier contractors, subcontractors, and suppliers must submit waivers.**
4. Submit final Application for Payment with or preceded by final waivers from every entity involved with performance of the Work covered by the application who is lawfully entitled to a lien.
5. Waiver Forms: Submit executed waivers of lien on forms acceptable to Owner.

K. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:

1. List of subcontractors.

2. Schedule of values.
3. Contractor's construction schedule (preliminary if not final).
4. Products list (preliminary if not final).
5. Schedule of unit prices.
6. Submittal schedule (preliminary if not final).
7. List of Contractor's staff assignments.
8. List of Contractor's principal consultants.
9. Copies of authorizations and licenses from authorities having jurisdiction for performance of the Work.
10. Initial progress report.
11. Report of preconstruction conference.
12. Certificates of insurance and insurance policies.
13. Performance and payment bonds.
14. Data needed to acquire Owner's insurance.

L. Application for Payment at Substantial Completion: After Architect issues the Certificate of Substantial Completion, submit an Application for Payment showing 100 percent completion for portion of the Work claimed as substantially complete.

1. Include documentation supporting claim that the Work is substantially complete and a statement showing an accounting of changes to the Contract Sum.

    a. Complete administrative actions, submittals, and Work preceding this application, as described in Section 017700 "Closeout Procedures."

2. This application shall reflect Certificate(s) of Substantial Completion issued previously for Owner occupancy of designated portions of the Work.

M. Final Payment Application: After completing Project closeout requirements, submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:

1. Evidence of completion of Project closeout requirements.
2. Certification of completion of final punch list items.
3. Insurance certificates for products and completed operations where required and proof that taxes, fees, and similar obligations were paid.
4. Updated final statement, accounting for final changes to the Contract Sum.
5. AIA Document G706.
6. AIA Document G706A.
7. AIA Document G707.
8. Evidence that claims have been settled.
9. Final meter readings for utilities, a measured record of stored fuel, and similar data as of date of Substantial Completion or when Owner took possession of and assumed responsibility for corresponding elements of the Work.
10. Final liquidated damages settlement statement.
11. Proof that taxes, fees, and similar obligations are paid.
12. Waivers and releases.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 013100 - PROJECT MANAGEMENT AND COORDINATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative provisions for coordinating construction operations on Project, including, but not limited to, the following:

1. General coordination procedures.
2. RFIs.
3. Digital project management procedures.
4. Web-based Project management software package.
5. Project meetings.

1.2 DEFINITIONS

A. BIM: Building Information Modeling.

B. RFI: Request for Information. Request from Owner, Architect, or Contractor seeking information required by or clarifications of the Contract Documents.

1.3 INFORMATIONAL SUBMITTALS

A. Subcontract List: Prepare a written summary identifying individuals or firms proposed for each portion of the Work, including those who are to furnish products or equipment fabricated to a special design. Include the following information in tabular form:

1. Name, address, telephone number, and email address of entity performing subcontract or supplying products.
2. Number and title of related Specification Section(s) covered by subcontract.
3. Drawing number and detail references, as appropriate, covered by subcontract.

B. Key Personnel Names: Within 15 days of starting construction operations, submit a list of key personnel assignments, including superintendent and other personnel in attendance at Project site. Identify individuals and their duties and responsibilities, list addresses, cellular telephone numbers, and e-mail addresses. Provide names, addresses, and telephone numbers of individuals assigned as alternates in the absence of individuals assigned to Project.

1. Post copies of list in Project meeting room, in temporary field office, in web-based Project software directory, and in prominent location inbuilt facility. Keep list current at all times.

1.4 GENERAL COORDINATION PROCEDURES

A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate construction operations included in different Sections that depend on each other for proper installation, connection, and operation.

1. Schedule construction operations in sequence required to obtain the best results, where installation of one part of the Work depends on installation of other components, before or after its own installation.
2. Coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair.

3. Make adequate provisions to accommodate items scheduled for later installation.

B. Prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and list of attendees at meetings.

1. Prepare similar memoranda for Owner and separate contractors if coordination of their Work is required.

C. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities and scheduled activities of other contractors to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:

1. Preparation of Contractor's construction schedule.
2. Preparation of the schedule of values.
3. Installation and removal of temporary facilities and controls.
4. Delivery and processing of submittals.
5. Progress meetings.
6. Preinstallation conferences.
7. Project closeout activities.
8. Startup and adjustment of systems.

1.5 ADMINISTRATIVE AND SUPERVISORY PERSONNEL

A. General: In addition to Project superintendent, provide other administrative and supervisory personnel as required for proper performance of the Work.

1.6 REQUEST FOR INFORMATION (RFI)

A. General: Immediately on discovery of the need for additional information, clarification, or interpretation of the Contract Documents, Contractor shall prepare and submit an RFI in the form specified.

1. Architect will return without response those RFIs submitted to Architect by other entities controlled by Contractor.
2. Coordinate and submit RFIs in a prompt manner to avoid delays in Contractor's work or work of subcontractors.

B. Content of the RFI: Include a detailed, legible description of item needing information or interpretation and the following:

1. Project name.
2. Owner name.
3. Owner's Project number.
4. Name of Architect.
5. Architect's Project number.
6. Date.
7. Name of Contractor.
8. RFI number, numbered sequentially.
9. RFI subject.
10. Specification Section number and title and related paragraphs, as appropriate.
11. Drawing number and detail references, as appropriate.
12. Field dimensions and conditions, as appropriate.

13. Contractor's suggested resolution. If Contractor's suggested resolution impacts the Contract Time or the Contract Sum, Contractor shall state impact in the RFI.
14. Contractor's signature.
15. Attachments: Include sketches, descriptions, measurements, photos, Product Data, Shop Drawings, coordination drawings, and other information necessary to fully describe items needing interpretation.

    a. Include dimensions, thicknesses, structural grid references, and details of affected materials, assemblies, and attachments on attached sketches.

C. RFI Forms: AIA Document G716 or software-generated form with substantially the same content as indicated above, acceptable to Architect.

1. Attachments shall be electronic files in PDF format.

D. Architect's Action: **Architect will review each RFI, determine action required, and respond. The Architect will respond in writing within seven (7) calendar days of receipt of a Request for Information (RFI) from owner or contractor or for those items identified in the RFI as a critical path item. For all other items, the Architect shall respond within ten (10) working days of only an architectural response and fourteen (14) calendar days if responses from consultants are required. RFIs received by Architect after 1:00pm will be considered as received the following working day.**

1. The following Contractor-generated RFIs will be returned without action:

    a. Requests for approval of submittals.
    b. Requests for approval of substitutions.
    c. Requests for approval of Contractor's means and methods.
    d. Requests for coordination information already indicated in the Contract Documents.
    e. Requests for adjustments in the Contract Time or the Contract Sum.
    f. Incomplete RFIs or inaccurately prepared RFIs.

2. Architect's action may include a request for additional information, in which case Architect's time for response will date from time of receipt by Architect of additional information.
3. Architect's action on RFIs that may result in a change to the Contract Time, or the Contract Sum may be eligible for Contractor to submit Change Proposal according to Section 012600 "Contract Modification Procedures."

    a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Architect in writing within 5 days of receipt of the RFI response.

E. RFI Log: Prepare, maintain, and submit a log of RFIs organized by the RFI number. Submit log weekly. Use software log that is part of web-based Project management software. Include the following:

1. Project name.
2. Name and address of Contractor.
3. Name and address of Architect.
4. RFI number, including RFIs that were returned without action or withdrawn.
5. RFI description.
6. Date the RFI was submitted.
7. Date Architect's response was received.
8. Identification of related Minor Change in the Work, Construction Change Directive, and Proposal Request, as appropriate.

9. Identification of related Field Order, Work Change Directive, and Proposal Request, as appropriate.

F. On receipt of Architect's action, update the RFI log and immediately distribute the RFI response to affected parties. Review response and notify Architect within three days if Contractor disagrees with response.

1.7 DIGITAL PROJECT MANAGEMENT PROCEDURES

A. Use of Architect's Digital Data Files: Digital data files of Architect's BIM model will be provided by Architect for Contractor's use during construction.

1. Digital data files may be used by Contractor in preparing coordination drawings, Shop Drawings, and Project Record Drawings.
2. Architect makes no representations as to the accuracy or completeness of digital data files as they relate to Contract Drawings.
3. Digital Drawing Software Program: Contract Drawings are available in.
4. Contractor shall execute a data licensing agreement in the form of AIA Document C106 Digital Data Licensing Agreement.

    a. Subcontractors and other parties granted access by Contractor to Architect's digital data files shall execute a data licensing agreement in the form of AIA Document C106.

5. The following digital data files will be furnished for each appropriate discipline:

    a. Floor plans.
    b. Reflected ceiling plans.

B. Web-Based Project Management Software Package: Provide, administer, and use web-based Project management software package for purposes of hosting and managing Project communication and documentation until Final Completion.

1. Web-based Project management software includes, at a minimum, the following features:

    a. Compilation of Project data, including Contractor, subcontractors, Architect, Architect's consultants, Owner, and other entities involved in Project. Include names of individuals and contact information.
    b. Access control for each entity for each workflow process, to determine entity's digital rights to create, modify, view, and print documents.
    c. Document workflow planning, allowing customization of workflow between project entities.
    d. Creation, logging, tracking, and notification for Project communications required in other Specification Sections, including, but not limited to, RFIs, submittals, Minor Changes in the Work, Construction Change Directives, and Change Orders.
    e. Track status of each Project communication in real time, and log time and date when responses are provided.
    f. Procedures for handling PDFs or similar file formats, allowing markups by each entity. Provide security features to lock markups against changes once submitted.
    g. Processing and tracking of payment applications.
    h. Processing and tracking of contract modifications.
    i. Creating and distributing meeting minutes.
    j. Document management for Drawings, Specifications, and coordination drawings, including revision control.

k. Management of construction progress photographs.
l. Mobile device compatibility, including smartphones and tablets.
m. Provide up to seven Project management software user licenses for use of Owner, Owner's Commissioning Authority, Architect, and Architect's consultants.
n. Provide eight hours of software training at Architect's office for web-based Project software users.
o. At completion of Project, provide digital archive in format that is readable by common desktop software applications in format acceptable to Architect. Provide data in locked format to prevent further changes.

C. PDF Document Preparation: Where PDFs are required to be submitted to Architect, prepare as follows:

1. Assemble complete submittal package into a single indexed file, incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
2. Name file with submittal number or other unique identifier, including revision identifier.
3. Certifications: Where digitally submitted certificates and certifications are required, provide a digital signature with digital certificate on where indicated.

1.8 PROJECT MEETINGS

A. General: Schedule and conduct meetings and conferences at Project site unless otherwise indicated.

1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Notify Owner and Architect of scheduled meeting dates and times a minimum of seven days prior to meeting.
2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees.
3. Minutes: Entity responsible for conducting meeting will record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, including Owner and Architect, within three days of the meeting.

B. Preconstruction Conference: Architect will schedule and conduct a preconstruction conference before starting construction, at a time convenient to Owner and Architect.

1. Attendees: Authorized representatives of Owner, Owner's Commissioning Authority, Architect, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the conference. Participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Discuss items of significance that could affect progress, including the following:

a. Responsibilities and personnel assignments.
b. Tentative construction schedule.
c. Phasing.
d. Critical work sequencing and long lead items.
e. Designation of key personnel and their duties.
f. Lines of communications.
g. Use of web-based Project software.
h. Procedures for processing field decisions and Change Orders.
i. Procedures for RFIs.
j. Procedures for testing and inspecting.
k. Procedures for processing Applications for Payment.

l. Distribution of the Contract Documents.
m. Submittal procedures.
n. Sustainable design requirements.
o. Preparation of Record Documents.
p. Use of the premises and existing building.
q. Work restrictions.
r. Working hours.
s. Owner's occupancy requirements.
t. Responsibility for temporary facilities and controls.
u. Procedures for moisture and mold control.
v. Procedures for disruptions and shutdowns.
w. Construction waste management and recycling.
x. Parking availability.
y. Office, work, and storage areas.
z. Equipment deliveries and priorities.
aa. First aid.
bb. Security.
cc. Progress cleaning.

3. Minutes: Entity responsible for conducting meeting will record and distribute meeting minutes.

C. Sustainable Design Requirements Coordination Conference: Architect will schedule and conduct a sustainable design coordination conference before starting construction, at a time convenient to Owner Architect, and Contractor.

1. Attendees: Authorized representatives of Owner Architect, and their consultants; Contractor and its superintendent and sustainable design coordinator; major subcontractors; suppliers; and other concerned parties shall attend the conference. Participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Discuss items of significance that could affect meeting sustainable design requirements, including the following:

a. Sustainable design Project checklist.
b. General requirements for sustainable design-related procurement and documentation.
c. Project closeout requirements and sustainable design certification procedures.
d. Role of sustainable design coordinator.
e. Construction waste management.
f. Construction operations and sustainable design requirements and restrictions.

3. Minutes: Entity responsible for conducting meeting will record and distribute meeting minutes.

D. Preinstallation Conferences: Conduct a preinstallation conference at Project site before each construction activity when required by other Sections and when required for coordination with other construction.

1. Attendees: Installer and representatives of manufacturers and fabricators involved in or affected by the installation and its coordination or integration with other materials and installations that have preceded or will follow, shall attend the meeting. Advise Architect, and Owner's Commissioning Authority of scheduled meeting dates.

2. Agenda: Review progress of other construction activities and preparations for the particular activity under consideration, including requirements for the following:

    a. Contract Documents.
    b. Options.
    c. Related RFIs.
    d. Related Change Orders.
    e. Purchases.
    f. Deliveries.
    g. Submittals.
    h. Sustainable design requirements.
    i. Review of mockups.
    j. Possible conflicts.
    k. Compatibility requirements.
    l. Time schedules.
    m. Weather limitations.
    n. Manufacturer's written instructions.
    o. Warranty requirements.
    p. Compatibility of materials.
    q. Acceptability of substrates.
    r. Temporary facilities and controls.
    s. Space and access limitations.
    t. Regulations of authorities having jurisdiction.
    u. Testing and inspecting requirements.
    v. Installation procedures.
    w. Coordination with other work.
    x. Required performance results.
    y. Protection of adjacent work.
    z. Protection of construction and personnel.

3. Record significant conference discussions, agreements, and disagreements, including required corrective measures and actions.
4. Reporting: Distribute minutes of the meeting to each party present and to other parties requiring information.
5. Do not proceed with installation if the conference cannot be successfully concluded. Initiate whatever actions are necessary to resolve impediments to performance of the Work and reconvene the conference at earliest feasible date.

E. Project Closeout Conference: Schedule and conduct a project closeout conference, at a time convenient to Owner and Architect, but no later than 90 days prior to the scheduled date of Substantial Completion.

1. Conduct the conference to review requirements and responsibilities related to Project closeout.
2. Attendees: Authorized representatives of Owner, Owner's Commissioning Authority, Architect, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the meeting. Participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work.
3. Agenda: Discuss items of significance that could affect or delay Project closeout, including the following:

    a. Preparation of Record Documents.
    b. Procedures required prior to inspection for Substantial Completion and for final inspection for acceptance.

c. Procedures for completing and archiving web-based Project software site data files.
d. Submittal of written warranties.
e. Requirements for preparing operations and maintenance data.
f. Requirements for delivery of material samples, attic stock, and spare parts.
g. Requirements for demonstration and training.
h. Preparation of Contractor's punch list.
i. Procedures for processing Applications for Payment at Substantial Completion and for final payment.
j. Submittal procedures.
k. Coordination of separate contracts.
l. Owner's partial occupancy requirements.
m. Installation of Owner's furniture, fixtures, and equipment.
n. Responsibility for removing temporary facilities and controls.

4. Minutes: Entity conducting meeting will record and distribute meeting minutes.

F. Progress Meetings: Conduct progress meetings at biweekly intervals. **Meetings shall be requested to increase on an as-needed basis, upon agreement by Architect and/or Owner.**

1. Coordinate dates of meetings with preparation of payment requests.
2. Attendees: In addition to representatives of Owner, Owner's Commissioning Authority and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work.
3. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.

a. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's construction schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.

1) Review schedule for next period.

b. Review present and future needs of each entity present, including the following:

1) Interface requirements.
2) Sequence of operations.
3) Resolution of BIM component conflicts.
4) Status of submittals.
5) Deliveries.
6) Off-site fabrication.
7) Access.
8) Site use.
9) Temporary facilities and controls.
10) Progress cleaning.
11) Quality and work standards.
12) Status of correction of deficient items.
13) Field observations.
14) Status of RFIs.

15) Status of Proposal Requests.
16) Pending changes.
17) Status of Change Orders.
18) Pending claims and disputes.
19) Documentation of information for payment requests.

4. Minutes: Entity responsible for conducting the meeting will record and distribute the meeting minutes to each party present and to parties requiring information.

    a. Schedule Updating: Revise Contractor's construction schedule after each progress meeting, where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with the report of each meeting.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

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SECTION 013200 - CONSTRUCTION PROGRESS DOCUMENTATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for documenting the progress of construction during performance of the Work, including the following:

1. Contractor's construction schedule.
2. Construction schedule updating reports.
3. Special reports.

1.2 DEFINITIONS

A. Activity: A discrete part of a project that can be identified for planning, scheduling, monitoring, and controlling the construction project. Activities included in a construction schedule consume time and resources.

1.3 INFORMATIONAL SUBMITTALS

A. Format for Submittals: Submit required submittals in the following format:

1. PDF electronic file.

B. Contractor's Construction Schedule: Initial schedule, of size required to display entire schedule for entire construction period.

C. Construction Schedule Updating Reports: Submit with Applications for Payment.

D. Special Reports: Submit at time of unusual event.

1.4 QUALITY ASSURANCE

A. Prescheduling Conference: Conduct conference at Project site to comply with requirements in Section 013100 "Project Management and Coordination." Review methods and procedures related to the preliminary construction schedule and Contractor's construction schedule, including, but not limited to, the following:

1. Review software limitations and content and format for reports.
2. Verify availability of qualified personnel needed to develop and update schedule.
3. Discuss constraints, including work stages, area separations, and partial Owner occupancy.
4. Review delivery dates for Owner-furnished products and Owner work.
5. Review submittal requirements and procedures.
6. Review time required for review of submittals and resubmittals.
7. Review requirements for tests and inspections by independent testing and inspecting agencies.
8. Review time required for Project closeout and Owner startup procedures.
9. Review and finalize list of construction activities to be included in schedule.
10. Review procedures for updating schedule.

1.5 COORDINATION

A. Coordinate Contractor's construction schedule with the schedule of values, list of subcontracts, submittal schedule, progress reports, payment requests, and other required schedules and reports.

PART 2 - PRODUCTS

2.1 CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL

A. Time Frame: Extend schedule from date established for the Notice to Proceed to date of final completion.

1. Contract completion date shall not be changed by submission of a schedule that shows an early completion date, unless specifically authorized by Change Order.

B. Activities: Treat each story or separate area as a separate numbered activity for each main element of the Work. Comply with the following:

1. Activity Duration: Define activities so no activity is longer than 20 days.
2. Submittal Review Time: Include review and resubmittal times indicated in Section 013300 "Submittal Procedures" in schedule. Coordinate submittal review times in Contractor's construction schedule with submittal schedule.
3. Startup and Testing Time: Include no fewer than 15 days for startup and testing.
4. Substantial Completion: Indicate completion in advance of date established for Substantial Completion and allow time for Architect's administrative procedures necessary for certification of Substantial Completion.
5. Punch List and Final Completion: Include not more than 30 days for completion of punch list items and final completion.

C. Constraints: Include constraints and work restrictions indicated in the Contract Documents and as follows in schedule and show how the sequence of the Work is affected.

1. Work by Owner: Include a separate activity for each portion of the Work performed by Owner.
2. Work Restrictions: Show the effect of the following items on the schedule:

a. Coordination with existing construction.
b. Limitations of continued occupancies.
c. Uninterruptible services.
d. Partial occupancy before Substantial Completion.
e. Use of premises restrictions.
f. Seasonal variations.
g. Environmental control.

3. Work Stages: Indicate important stages of construction for each major portion of the Work, including, but not limited to, the following:

a. Subcontract awards.
b. Submittals.
c. Purchases.
d. Mockups.

e. Fabrication.
f. Deliveries.
g. Installation.
h. Tests and inspections.
i. Adjusting.
j. Curing.
k. Startup and placement into final use and operation.

4. Construction Areas: Identify each major area of construction for each major portion of the Work. Indicate where each construction activity within a major area must be sequenced or integrated with other construction activities to provide for the following:

D. Cost Correlation: Superimpose a cost correlation timeline, indicating planned and actual costs. On the line, show planned and actual dollar volume of the Work performed as of planned and actual dates used for preparation of payment requests.

1. See Section 012900 "Payment Procedures" for cost reporting and payment procedures.

E. Upcoming Work Summary: Prepare summary report indicating activities scheduled to occur or commence prior to submittal of next schedule update. Summarize the following issues:

1. Unresolved issues.
2. Unanswered Requests for Information.
3. Rejected or unreturned submittals.
4. Notations on returned submittals.
5. Pending modifications affecting the Work and Contract Time.

F. Recovery Schedule: When periodic update indicates the Work is 14 or more calendar days behind the current approved schedule, submit a separate recovery schedule indicating means by which Contractor intends to regain compliance with the schedule. Indicate changes to working hours, working days, crew sizes, and equipment required to achieve compliance, and date by which recovery will be accomplished.

2.2 CONTRACTOR'S CONSTRUCTION SCHEDULE (GANTT CHART)

A. Gantt-Chart Schedule: Submit a comprehensive, fully developed, horizontal, Gantt-chart-type, Contractor's construction schedule within 30 days of date established for the Notice to Proceed. Base schedule on the startup construction schedule and additional information received since the start of Project.

B. Preparation: Indicate each significant construction activity separately. Identify first workday of each week with a continuous vertical line.

1. For construction activities that require three months or longer to complete indicate an estimated completion percentage in 10 percent increments within time bar.

2.3 SPECIAL REPORTS

A. General: Submit special reports directly to Architect and Owner **in a timely manner to maintain the accepted Project Schedule and avoid conflicts**. **Report discrepancies in documents or field conditions within 3 days of discovery; report concealed or unknown conditions within 14 days of discovery; Report presence of hazardous materials within 24 hours of discovery.** Distribute copies of report to parties affected by the occurrence. Report the following:

1. Conditions of site affecting work performance or schedule.
2. Procurement activities impacting project schedule.
3. Other events affecting Contract Sum or Contract Time.

B. Reporting Unusual Events: When an event of an unusual and significant nature occurs at Project site, whether or not related directly to the Work, prepare and submit a special report. List chain of events, persons participating, response by Contractor's personnel, evaluation of results or effects, and similar pertinent information. Advise Owner in advance when these events are known or predictable.

PART 3 - EXECUTION

3.1 CONTRACTOR'S CONSTRUCTION SCHEDULE

A. Contractor's Construction Schedule Updating: At monthly intervals, update schedule to reflect actual construction progress and activities. Issue schedule one week before each regularly scheduled progress meeting.

1. Revise schedule immediately after each meeting or other activity where revisions have been recognized or made. Issue updated schedule concurrently with the report of each such meeting.
2. Include a report with updated schedule that indicates every change, including, but not limited to, changes in logic, durations, actual starts and finishes, and activity durations.
3. As the Work progresses, indicate final completion percentage for each activity.

B. Distribution: Distribute copies of approved schedule to Architect Owner, separate contractors, testing and inspecting agencies, and other parties identified by Contractor with a need-to-know schedule responsibility.

1. Post copies in Project meeting rooms and temporary field offices.
2. When revisions are made, distribute updated schedules to the same parties and post in the same locations. Delete parties from distribution when they have completed their assigned portion of the Work and are no longer involved in performance of construction activities.

END OF SECTION

SECTION 016000 - PRODUCT REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; and comparable products.

B. Related Requirements:

1. Section 011000 "Summary" for Contractor requirements related to Owner-furnished products.

1.2 DEFINITIONS

A. Products: Items obtained for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.

1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature that is current as of date of the Contract Documents.
2. New Products: Items that have not previously been incorporated into another project or facility. Salvaged items or items reused from other projects are not considered new products. Items that are manufactured or fabricated to include recycled content materials are considered new products, unless indicated otherwise.
3. Comparable Product: Product by named manufacturer that is demonstrated and approved through the comparable product submittal process described in Part 2 "Comparable Products" Article, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.

B. Basis-of-Design Product Specification: A specification in which a single manufacturer's product is named and accompanied by the words "basis-of-design product," including make or model number or other designation. Published attributes and characteristics of basis-of-design product establish salient characteristics of products.

1. Evaluation of Comparable Products: In addition to the basis-of-design product description, product attributes and characteristics may be listed to establish the significant qualities related to type, function, in-service performance and physical properties, weight, dimension, durability, visual characteristics, and other special features and requirements for purposes of evaluating comparable products of additional manufacturers named in the specification. Manufacturer's published attributes and characteristics of basis-of-design product also establish salient characteristics of products for purposes of evaluating comparable products.

C. Subject to Compliance with Requirements: Where the phrase "Subject to compliance with requirements" introduces a product selection procedure in an individual Specification Section, provide products qualified under the specified product procedure. In the event that a named product or product by a named manufacturer does not meet the other requirements of the specifications, select another named product or product from another named manufacturer that

does meet the requirements of the specifications; submit a comparable product request or substitution request, if applicable.

D. Comparable Product Request Submittal: An action submittal requesting consideration of a comparable product, including the following information:

1. Identification of basis-of-design product or fabrication or installation method to be replaced, including Specification Section number and title and Drawing numbers and titles.
2. Data indicating compliance with the requirements specified in Part 2 "Comparable Products" Article.

E. Basis-of-Design Product Specification Submittal: An action submittal complying with requirements in Section 013300 "Submittal Procedures."

F. Substitution: Refer to Section 012500 "Substitution Procedures" for definition and limitations on substitutions.

1.3 QUALITY ASSURANCE

A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, select product compatible with products previously selected, even if previously selected products were also options.

1. Resolution of Compatibility Disputes between Multiple Contractors:

a. Contractors are responsible for providing products and construction methods compatible with products and construction methods of other contractors.
b. If a dispute arises between the multiple contractors over concurrently selectable but incompatible products, Architect will determine which products shall be used.

B. Identification of Products: Except for required labels and operating data, do not attach or imprint manufacturer or product names or trademarks on exposed surfaces of products or equipment that will be exposed to view in occupied spaces or on the exterior.

1. Labels: Locate required product labels and stamps on a concealed surface, or, where required for observation following installation, on a visually accessible surface that is not conspicuous.
2. Equipment Nameplates: Provide a permanent nameplate on each item of service- or power-operated equipment. Locate on a visually accessible but inconspicuous surface. Include information essential for operation, including the following:

a. Name of product and manufacturer.
b. Model and serial number.
c. Capacity.
d. Speed.
e. Ratings.

3. See individual identification Sections in Divisions 21, 22, 23, and 26 for additional equipment identification requirements.

1.4 COORDINATION

A. Modify or adjust affected work as necessary to integrate work of approved comparable products and approved substitutions.

1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products, using means and methods that will prevent damage, deterioration, and loss, including theft and vandalism. Comply with manufacturer's written instructions.

B. Delivery and Handling:

1. Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
4. Inspect products on delivery to determine compliance with the Contract Documents and that products are undamaged and properly protected.

C. Storage:

1. Provide a secure location and enclosure at Project site for storage of materials and equipment.
2. Store products to allow for inspection and measurement of quantity or counting of units.
3. Store materials in a manner that will not endanger Project structure.
4. Store products that are subject to damage by the elements under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation and with adequate protection from wind.
5. Protect foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment.
6. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
7. Protect stored products from damage and liquids from freezing.
8. Provide a secure location and enclosure at Project site for storage of materials and equipment by Owner's construction forces. Coordinate location with Owner.

1.6 PRODUCT WARRANTIES

A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.

1. Manufacturer's Warranty: Written standard warranty form furnished by individual manufacturer for a particular product and issued in the name of the Owner or endorsed by manufacturer to Owner.
2. Special Warranty: Written warranty required by the Contract Documents to provide specific rights for Owner and issued in the name of the Owner or endorsed by manufacturer to Owner.

B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution.

1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.
2. Specified Form: When specified forms are included in the Project Manual, prepare a written document, using indicated form properly executed.
3. See other Sections for specific content requirements and particular requirements for submitting special warranties.

C. Submittal Time: Comply with requirements in Section 017700 "Closeout Procedures."

PART 2 - PRODUCTS

2.1 PRODUCT SELECTION PROCEDURES

A. General Product Requirements: Provide products that comply with the Contract Documents, are undamaged and, unless otherwise indicated, are new at time of installation.

1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects.
3. Owner reserves the right to limit selection to products with warranties meeting requirements of the Contract Documents.
4. Where products are accompanied by the term "as selected," Architect will make selection.
5. Descriptive, performance, and reference standard requirements in the Specifications establish salient characteristics of products.
6. Or Equal: For products specified by name and accompanied by the term "or equal," "or approved equal," or "or approved," comply with requirements in "Comparable Products" Article to obtain approval for use of an unnamed product.

    a. Submit additional documentation required by Architect in order to establish equivalency of proposed products. Unless otherwise indicated, evaluation of "or equal" product status is by the Architect, whose determination is final.

B. Product Selection Procedures:

1. Sole Product: Where Specifications name a single manufacturer and product, provide the named product that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered.

    a. Sole product may be indicated by the phrase "Subject to compliance with requirements, provide the following."

2. Sole Manufacturer/Source: Where Specifications name a single manufacturer or source, provide a product by the named manufacturer or source that complies with requirements. Comparable products or substitutions for Contractor's convenience will not be considered.

    a. Sole manufacturer/source may be indicated by the phrase "Subject to compliance with requirements, provide products by the following."
    b. Limited list of products may be indicated by the phrase "Subject to compliance with requirements, provide one of the following."

3. Non-Limited List of Products: Where Specifications include a list of names of both available manufacturers and products, provide one of the products listed or an unnamed product that complies with requirements.

    a. Non-limited list of products is indicated by the phrase "Subject to compliance with requirements, available products that may be incorporated in the Work include, but are not limited to, the following."
    b. Provision of an unnamed product is not considered a substitution if the product complies with requirements.

4. Limited List of Manufacturers: Where Specifications include a list of manufacturers' names, provide a product by one of the manufacturers listed that complies with requirements. Comparable products or substitutions for Contractor's convenience will be considered unless otherwise indicated.

    a. Limited list of manufacturers is indicated by the phrase "Subject to compliance with requirements, provide products by one of the following."

5. Non-Limited List of Manufacturers: Where Specifications include a list of available manufacturers, provide a product by one of the manufacturers listed or a product by an unnamed manufacturer that complies with requirements.

    a. Non-limited list of manufacturers is indicated by the phrase "Subject to compliance with requirements, available manufacturers whose products may be incorporated in the Work include, but are not limited to, the following."
    b. Provision of products of an unnamed manufacturer is not considered a substitution if the product complies with requirements.

6. Basis-of-Design Product: Where Specifications name a product, or refer to a product indicated on Drawings, and include a list of manufacturers, provide the specified or indicated product or a comparable product by one of the other named manufacturers. Drawings and Specifications may additionally indicate sizes, profiles, dimensions, and other characteristics that are based on the product named. Comply with requirements in "Comparable Products" Article for consideration of an unnamed product by one of the other named manufacturers.

C. Visual Matching Specification: Where Specifications require the phrase "match Architect's sample," provide a product that complies with requirements and matches Architect's sample. Architect's decision will be final on whether a proposed product match.

    1. If no product available within specified category matches and complies with other specified requirements, comply with requirements in Section 012500 "Substitution Procedures" for proposal of product.

D. Visual Selection Specification: Where Specifications include the phrase "as selected by Architect from manufacturer's full range" or a similar phrase, select a product that complies with requirements. Architect will select color, gloss, pattern, density, or texture from manufacturer's product line that includes both standard and premium items.

E. Sustainable Product Selection: Where Specifications require product to meet sustainable product characteristics, select products complying with indicated requirements. Comply with requirements in Division 01 Sustainability Requirements Section and individual Specification Sections.

2.2 COMPARABLE PRODUCTS

A. Conditions for Consideration of Comparable Products: Architect will consider Contractor's request for comparable product when the following conditions are satisfied. If the following conditions are not satisfied, Architect may return requests without action, except to record noncompliance with the following requirements:

1. Evidence that proposed product does not require revisions to the Contract Documents, is consistent with the Contract Documents, will produce the indicated results, and is compatible with other portions of the Work.
2. Detailed comparison of significant qualities of proposed product with those of the named basis-of-design product. Significant product qualities include attributes, such as type, function, in-service performance and physical properties, weight, dimension, durability, visual characteristics, and other specific features and requirements.
3. Evidence that proposed product provides specified warranty.
4. List of similar installations for completed projects, with project names and addresses and names and addresses of architects and owners, if requested.
5. Samples, if requested.

B. Architect's Action on Comparable Products Submittal: If necessary, Architect will request additional information or documentation for evaluation, as specified in Section 013300 "Submittal Procedures."

1. Form of Approval of Submittal: As specified in Section 013300 "Submittal Procedures."
2. Use product specified if Architect does not issue a decision on use of a comparable product request within time allocated.

C. Submittal Requirements, Two-Step Process: Approval by the Architect of Contractor's request for use of comparable product is not intended to satisfy other submittal requirements. Comply with specified submittal requirements.

D. Submittal Requirements, Single-Step Process: When acceptable to Architect, incorporate specified submittal requirements of individual Specification Section in combined submittal for comparable products. Approval by the Architect of Contractor's request for use of comparable product and of individual submittal requirements will also satisfy other submittal requirements.

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 017839 - PROJECT RECORD DOCUMENTS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for Project Record Documents, including the following:

1. Record Drawings.
2. Record specifications.
3. Record Product Data.
4. Miscellaneous record submittals.

1.2 CLOSEOUT SUBMITTALS

A. Record Drawings: Comply with the following:

1. Number of Copies: Submit one set(s) of marked-up record prints.
2. Number of Copies: Submit copies of Record Drawings as follows:

a. Initial Submittal:

1) Submit PDF electronic files of scanned record prints and one set of file prints.
2) Submit Record Digital Data Files and one set(s) of plots.
3) Architect will indicate whether general scope of changes, additional information recorded, and quality of drafting are acceptable.

b. Final Submittal:

1) Submit PDF electronic files of scanned Record Prints and one set(s) of file prints.

B. Record Specifications: Submit annotated PDF electronic files of Project's Specifications, including addenda and Contract modifications.

C. Record Product Data: Submit annotated PDF electronic files and directories of each submittal.

1. Where record Product Data are required as part of operation and maintenance manuals, submit duplicate marked-up Product Data as a component of manual.

D. Miscellaneous Record Submittals: See other Specification Sections for miscellaneous record-keeping requirements and submittals in connection with various construction activities. Submit annotated PDF electronic files and directories of each submittal.

E. Reports: Submit written report weekly indicating items incorporated into Project Record Documents concurrent with progress of the Work, including revisions, concealed conditions, field changes, product selections, and other notations incorporated.

1.3 RECORD DRAWINGS

A. Record Prints: Maintain one set of marked-up paper copies of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued.

1. Preparation: Mark record prints to show the actual installation, where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to provide information for preparation of corresponding marked-up record prints.

    a. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later.
    b. Accurately record information in an acceptable drawing technique.
    c. Record data as soon as possible after obtaining it.
    d. Record and check the markup before enclosing concealed installations.
    e. Cross-reference record prints to corresponding photographic documentation.

2. Content: Types of items requiring marking include, but are not limited to, the following:

    a. Dimensional changes to Drawings.
    b. Revisions to details shown on Drawings.
    c. Depths of foundations.
    d. Locations and depths of underground utilities.
    e. Revisions to routing of piping and conduits.
    f. Revisions to electrical circuitry.
    g. Actual equipment locations.
    h. Duct size and routing.
    i. Locations of concealed internal utilities.
    j. Changes made by Change Order or Construction Change Directive.
    k. Changes made following Architect's written orders.
    l. Details not on the original Contract Drawings.
    m. Field records for variable and concealed conditions.
    n. Record information on the Work that is shown only schematically.

3. Mark the Contract Drawings and Shop Drawings completely and accurately. Use personnel proficient at recording graphic information in production of marked-up record prints.
4. Mark important additional information that was either shown schematically or omitted from original Drawings.
5. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.

B. Format: Identify and date each Record Drawing; include the designation "PROJECT RECORD DRAWING" in a prominent location.

1. Record Prints: Organize record prints into manageable sets. Bind each set with durable paper cover sheets. Include identification on cover sheets.
2. Format: Annotated PDF electronic file with comment function enabled.
3. Record Digital Data Files: Organize digital data information into separate electronic files that correspond to each sheet of the Contract Drawings. Name each file with the sheet identification. Include identification in each digital data file.
4. Identification: As follows:

    a. Project name.
    b. Date.
    c. Designation "PROJECT RECORD DRAWINGS."
    d. Name of Architect.
    e. Name of Contractor.

1.4 RECORD SPECIFICATIONS

A. Preparation: Mark Specifications to indicate the actual product installation, where installation varies from that indicated in Specifications, addenda, and Contract modifications.

1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
2. Mark copy with the proprietary name and model number of products, materials, and equipment furnished, including substitutions and product options selected.
3. Record the name of manufacturer, supplier, Installer, and other information necessary to provide a record of selections made.
4. For each principal product, indicate whether Record Product Data has been submitted in operation and maintenance manuals instead of submitted as Record Product Data.
5. Note related Change Orders, Record Product Data, and Record Drawings where applicable.

B. Format: Submit record specifications as annotated PDF electronic file.

1.5 RECORD PRODUCT DATA

A. Recording: Maintain one copy of each submittal during the construction period for Project Record Document purposes. Post changes and revisions to Project Record Documents as they occur; do not wait until end of Project.

B. Preparation: Mark Product Data to indicate the actual product installation where installation varies substantially from that indicated in Product Data submittal.

1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
2. Include significant changes in the product delivered to Project site and changes in manufacturer's written instructions for installation.
3. Note related Change Orders, Record Specifications, and Record Drawings where applicable.

C. Format: Submit Record Product Data as annotated PDF electronic file or scanned PDF electronic file(s) of marked-up paper copy of Product Data.

1. Include Record Product Data directory organized by Specification Section number and title, electronically linked to each item of Record Product Data.

1.6 MISCELLANEOUS RECORD SUBMITTALS

A. Assemble miscellaneous records required by other Specification Sections for miscellaneous record keeping and submittal in connection with actual performance of the Work. Bind or file miscellaneous records and identify each, ready for continued use and reference.

B. Format: Submit miscellaneous record submittals as PDF electronic file or scanned PDF electronic file(s) of marked-up miscellaneous record submittals.

1. Include miscellaneous record submittals directory organized by Specification Section number and title, electronically linked to each item of miscellaneous record submittals.

1.7 MAINTENANCE OF RECORD DOCUMENTS

A. Maintenance of Record Documents: Store Record Documents in the field office apart from the Contract Documents used for construction. Do not use Project Record Documents for construction purposes. Maintain Record Documents in good order and in a clean, dry, legible condition, protected from deterioration and loss. Provide access to Project Record Documents for Architect's reference during normal working hours.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION

SECTION 017900 - DEMONSTRATION AND TRAINING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for instructing Owner's personnel, including the following:

1. Instruction in operation and maintenance of systems, subsystems, and equipment.
2. Demonstration and training video recordings.

1.2 QUALITY ASSURANCE

A. Instructor Qualifications: A factory-authorized service representative, complying with requirements in Section 014000 "Quality Requirements," experienced in operation and maintenance procedures and training.

1.3 COORDINATION

A. Coordinate instruction schedule with Owner's operations. Adjust schedule as required to minimize disrupting Owner's operations and to ensure availability of Owner's personnel.

B. Coordinate instructors, including providing notification of dates, times, length of instruction time, and course content.

C. Coordinate content of training modules with content of approved emergency, operation, and maintenance manuals. Do not submit instruction program until operation and maintenance data have been reviewed and approved by Architect.

1.4 INSTRUCTION PROGRAM

A. Program Structure: Develop an instruction program that includes individual training modules for each system and for equipment not part of a system, as required by individual Specification Sections.

B. Training Modules: Develop a learning objective and teaching outline for each module. Include a description of specific skills and knowledge that participant is expected to master. For each module, include instruction for the following as applicable to the system, equipment, or component:

1. Basis of System Design, Operational Requirements, and Criteria: Include the following:

a. System, subsystem, and equipment descriptions.
b. Performance and design criteria if Contractor is delegated design responsibility.
c. Operating standards.
d. Regulatory requirements.
e. Equipment function.
f. Operating characteristics.
g. Limiting conditions.
h. Performance curves.

2. Documentation: Review the following items in detail:

a. Emergency manuals.
b. Systems and equipment operation manuals.
c. Systems and equipment maintenance manuals.
d. Product maintenance manuals.
e. Project Record Documents.
f. Identification systems.
g. Warranties and bonds.
h. Maintenance service agreements and similar continuing commitments.

3. Emergencies: Include the following, as applicable:

a. Instructions on meaning of warnings, trouble indications, and error messages.
b. Instructions on stopping.
c. Shutdown instructions for each type of emergency.
d. Operating instructions for conditions outside of normal operating limits.
e. Sequences for electric or electronic systems.
f. Special operating instructions and procedures.

4. Operations: Include the following, as applicable:

a. Startup procedures.
b. Equipment or system break-in procedures.
c. Routine and normal operating instructions.
d. Regulation and control procedures.
e. Control sequences.
f. Safety procedures.
g. Instructions on stopping.
h. Normal shutdown instructions.
i. Operating procedures for emergencies.
j. Operating procedures for system, subsystem, or equipment failure.
k. Seasonal and weekend operating instructions.
l. Required sequences for electric or electronic systems.
m. Special operating instructions and procedures.

5. Adjustments: Include the following:

a. Alignments.
b. Checking adjustments.
c. Noise and vibration adjustments.
d. Economy and efficiency adjustments.

6. Troubleshooting: Include the following:

a. Diagnostic instructions.
b. Test and inspection procedures.

7. Maintenance: Include the following:

a. Inspection procedures.
b. Types of cleaning agents to be used and methods of cleaning.
c. List of cleaning agents and methods of cleaning detrimental to product.
d. Procedures for routine cleaning.
e. Procedures for preventive maintenance.
f. Procedures for routine maintenance.

g. Instruction on use of special tools.

8. Repairs: Include the following:

a. Diagnosis instructions.
b. Repair instructions.
c. Disassembly; component removal, repair, and replacement; and reassembly instructions.
d. Instructions for identifying parts and components.
e. Review of spare parts needed for operation and maintenance.

1.5 PREPARATION

A. Assemble educational materials necessary for instruction, including documentation and training module. Assemble training modules into a training manual organized in coordination with requirements in Section 017823 "Operation and Maintenance Data."

B. Set up instructional equipment at instruction location.

1.6 INSTRUCTION

A. Engage qualified instructors to instruct Owner's personnel to adjust, operate, and maintain systems, subsystems, and equipment not part of a system.

~~Owner will furnish an instructor to describe Owner's operational philosophy.~~
1. Owner will furnish Contractor with names and positions of participants.

B. Scheduling: Provide instruction at mutually agreed-on times. For equipment that requires seasonal operation, provide similar instruction at start of each season.

1. Schedule training with Owner, with at least seven days' advance notice.

C. Training Location and Reference Material: Conduct training on-site in the completed and fully operational facility using the actual equipment in-place. Conduct training using final operation and maintenance data submittals.

PART 2 - PRODUCTS

PART 3 - EXECUTION

END OF SECTION

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SECTION 061600 - SHEATHING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Plywood sheathing for applications indicated.
2. Magnesium oxide sheathing board for subflooring applications.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.

1. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated plywood complies with requirements. Include physical properties of treated materials.
2. For fire-retardant treatments, include physical properties of treated plywood both before and after exposure to elevated temperatures, based on testing by a qualified independent testing agency according to ASTM D5516.
3. For products receiving waterborne treatment, include statement that moisture content of treated materials was reduced to levels specified before shipment to Project site.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

1.3 INFORMATIONAL SUBMITTALS

A. Evaluation Reports: For the following, from ICC-ES:

1. Fire-retardant-treated plywood.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Stack panels flat with spacers beneath and between each bundle to provide air circulation. Protect sheathing from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 including the following:

1. Low-Emitting Materials: Adhesives and Sealants, for adhesive used to attach panels to wood framing.

2. Low-Emitting Materials: Composite Wood or Agrifiber Products.

3. Responsible Sourcing: Certified wood.

4. Responsible Sourcing: Regionally sourced.

5. Building Product Disclosure and Optimization Documentation, where available for proposed products.

2.2 PERFORMANCE REQUIREMENTS

A. Fire-Resistance Ratings: As tested according to ASTM E119; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Fire-Resistance Ratings: Indicated by design designations from UL's "Fire Resistance Directory" or from the listings of another qualified testing agency.

2.3 WOOD PANEL PRODUCTS

A. Thickness: As needed to comply with requirements specified, but not less than thickness indicated on Drawings.

B. Factory mark panels to indicate compliance with applicable standard.

2.4 PLYWOOD SHEATHING

A. Plywood Sheathing: Interior sheathing, DOC PS 1, and as follows:

1. Span Rating: Not less than 16.
2. Nominal Thickness: As indicated on the Drawings.
3. Edge Detail: Straight (square).
4. Surface Finish: Fully sanded face.
5. Application: For applications indicated.

B. APA Marine Grade Plywood, made of Douglas-fir or Western Larch, and as follows:

1. Thickness: As indicated on the Drawings.
2. Panel Size: 48 by 96 inches.
3. Edge profile: Straight (square)
4. Grade: B-B.
5. Panel Surfaces: Sanded on both faces.
6. Maximum core-gap size: 1/8 inch.
7. Exposure Durability Classification: EXTERIOR using fully waterproof structural adhesive.
8. Applications: 1st floor at locations indicated on Drawings, for the first 4’ above slab.

2.5 MAGNESIUM OXIDE SHEATHING

A. Description: Composite panel consisting of magnesium oxide, magnesium chloride, perlite, fiberglass mesh, and wood flour for floor underlayment applications and as follows:

1. Thickness: As indicated on the Drawings.
2. Panel Size: 48 by 96 inches.
3. Edge profile: Straight (square)
4. Fire-Resistant Characteristics (ASTM E84):

a. Flame Spread: Less than 10.
b. Smoke Developed: Less than 5.

5. Mold Resistance: No mold growth observed in accordance with ASTM G21.
6. Basis of Design: MagPanel MgO manufactured by Ambient Building Products Inc.

2.6 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.

1. For parapet and wall sheathing, provide fasteners with hot-dip zinc coating complying with ASTM A153/A153M or of Type 304 stainless steel.

B. Nails, Brads, and Staples: ASTM F1667.

C. Power-Driven Fasteners: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.

D. Screws for Fastening Sheathing to Wood Framing: ASTM C1002.

E. Screws for Fastening Wood Structural Panels to Cold-Formed Metal Framing: ASTM C954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.

2.7 MISCELLANEOUS MATERIALS

A. Adhesives for Field Gluing Panels to Wood Framing: Formulation complying with ASTM D3498 that is approved for use with type of construction panel indicated by manufacturers of both adhesives and panels.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.

B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.

C. Securely attach to substrate by fastening as indicated, complying with the following:

1. Table 2304.9.1, "Fastening Schedule," in the ICC's International Building Code.

2. ICC-ES evaluation report for fastener.

D. Coordinate wall and parapet sheathing installation with flashing and joint-sealant installation, so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.

E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

F. Coordinate sheathing installation with installation of materials installed over sheathing so sheathing is not exposed to precipitation or left exposed at end of the workday when rain is forecast.

3.2 WOOD STRUCTURAL PANEL INSTALLATION

A. General: Comply with applicable recommendations in APA Form No. E30, "Engineered Wood Construction Guide," for types of structural-use panels and applications indicated.

B. Fastening Methods: Fasten panels as indicated below:

1. Plywood Sheathing:

a. Glue and nail to wood framing.
b. Screw to cold-formed metal framing.
c. Space panels 1/8 inch apart at edges and ends.

3.3 MAGNESIUM OXIDE PANEL SHEATHING

A. Comply with manufacturer's written instructions and as follows:

1. Fasten to framing with screws.
2. Apply fasteners so heads bear tightly against face of sheathing, but do not cut into facing.

END OF SECTION

SECTION 062023 - INTERIOR FINISH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Interior standing and running trim, field finished.

B. Related Requirements:

1. Section 099123 "Interior Painting" for priming and backpriming of interior finish carpentry.

1.2 DEFINITIONS

A. MDF: Medium-density fiberboard.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Indicate component materials, dimensions, profiles, textures, and colors and include construction and application details.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Samples: For each exposed product and for each color and texture specified.

D. Samples for Initial Selection: For each type of product involving selection of colors, profiles, or textures.

E. Samples for Verification:

1. For each species and cut of lumber and panel products with non-factory-applied finish, with half of exposed surface finished; 50 sq. in. for lumber and 8 by 10 inches for panels.
2. For foam-plastic moldings, with half of exposed surface finished; 50 sq. in.
3. For each finish system and color of lumber and panel products with factory-applied finish, 50 sq. in. for lumber and 8 by 10 inches for panels.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Stack lumber, plywood, and other panels flat with spacers between each bundle to provide air circulation.

1. Protect materials from weather by covering with waterproof sheeting, securely anchored.
2. Provide for air circulation around stacks and under coverings.

B. Deliver interior finish carpentry materials only when environmental conditions comply with requirements specified for installation areas. If interior finish carpentry materials must be stored in other than installation areas, store only where environmental conditions comply with requirements specified for installation areas.

1.5 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install interior finish carpentry materials until building is enclosed and weatherproof, wet-work in space is completed and nominally dry, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

B. Do not install finish carpentry materials that are wet, moisture damaged, or mold damaged.

1. Indications that materials are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
2. Indications that materials are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 "Sustainable Design Requirements," including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Composite Wood or Agrifiber Products.

2.2 MATERIALS, GENERAL

A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, comply with applicable rules of any rules-writing agency certified by the American Lumber Standard Committee's (ALSC) Board of Review. Grade lumber by an agency certified by the ALSC's Board of Review to inspect and grade lumber under the rules indicated.
1. For exposed lumber, mark grade stamp on end or back of each piece, or omit grade stamp and provide certificates of grade compliance issued by grading agency.

B. Moldings and Trim for Paint Finish:

1. Material: Medium density overlay (MDO) complying with APA and PS1-09 and as follows:

a. Surfacing: Smooth, factory-primed (2 sides).
b. Performance: Water-resistant, designed for high humidity/high moisture exposure.
c. Patterns: As shown on Drawings.

2.3 MISCELLANEOUS MATERIALS

A. Fasteners for Interior Finish Carpentry: Nails, screws, and other anchoring devices of type, size, material, and finish required for application indicated to provide secure attachment, concealed where possible.

B. Multipurpose Construction Adhesive: Formulation, complying with ASTM D3498, that is recommended for indicated use by adhesive manufacturer.

2.4 FABRICATION

A. Back out or kerf backs of the following members, except those with ends exposed in finished work:

1. Interior standing and running trim, except shoe and crown molds.

B. Ease edges of lumber less than 1 inch in nominal thickness to 1/16-inch radius and edges of lumber 1 inch or more in nominal thickness to 1/8-inch radius.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Examine finish carpentry materials before installation. Reject materials that are wet, moisture damaged, and mold damaged.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean substrates of projections and substances detrimental to application.

B. Before installing interior finish carpentry, condition materials to average prevailing humidity in installation areas for a minimum of 24 hours unless longer conditioning is recommended by manufacturer.

3.3 INSTALLATION, GENERAL

A. Do not use materials that are unsound; warped; improperly treated or finished; inadequately seasoned; too small to fabricate with proper jointing arrangements; or with defective surfaces, sizes, or patterns.

B. Install interior finish carpentry level, plumb, true, and aligned with adjacent materials.

1. Use concealed shims where necessary for alignment.
2. Scribe and cut interior finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
3. Where face fastening is unavoidable, countersink fasteners, fill surface flush, and sand unless otherwise indicated.
4. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining interior finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
5. Coordinate interior finish carpentry with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate interior finish carpentry.

3.4 INSTALLATION OF STANDING AND RUNNING TRIM

A. Install trim with minimum number of joints as is practical, using full-length pieces from maximum lengths of lumber available.

1. Do not use pieces less than 24 inches long, except where necessary.
2. Stagger joints in adjacent and related standing and running trim.
3. Cope at returns, miter at outside corners, and cope at inside corners to produce tight-fitting joints with full-surface contact throughout length of joint.
4. Use scarf joints for end-to-end joints.
5. Install trim after gypsum-board joint finishing operations are completed.
6. Install without splitting; drill pilot holes before fastening where necessary to prevent splitting.
7. Fasten to prevent movement or warping.
8. Countersink fastener heads on exposed carpentry work and fill holes.

3.5 ADJUSTING

A. Replace interior finish carpentry that is damaged or does not comply with requirements.

1. Interior finish carpentry may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing.

B. Adjust joinery for uniform appearance.

3.6 CLEANING

A. Clean interior finish carpentry on exposed and semiexposed surfaces.

B. Restore damaged or soiled areas and touch up factory-applied finishes if any.

3.7 PROTECTION

A. Protect installed products from damage from weather and other causes during construction.

B. Remove and replace finish carpentry materials that are wet, moisture damaged, and mold damaged.

1. Indications that materials are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
2. Indications that materials are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

END OF SECTION

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Interior standing and running trim, shop finished.
2. Interior frames and jambs.

B. Related Requirements:

1. Section 061000 "Rough Carpentry" for wood furring, blocking, shims, and hanging strips required for installing interior architectural woodwork that are concealed within other construction before interior architectural woodwork installation.

1.2 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections, to ensure that interior architectural woodwork can be supported and installed as indicated.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

A. Product Data: For the following:

1. Anchors.
2. Adhesives.
3. Shop finishing materials.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Shop Drawings:

1. Include the following:

a. Dimensioned plans, elevations, and sections.
b. Attachment details.

2. Show large-scale details.
3. Show locations and sizes of furring, blocking, and hanging strips, including blocking and reinforcement concealed by construction and specified in other Sections.

D. Samples for Verification: For the following:

1. Lumber and Panel Products with Shop-Applied Opaque Finish: 5 inches wide by 12 inches long for lumber and 8 by 10 inches for panels, for each finish system and color.

a. Finish one-half of exposed surface.

1.5 QUALITY ASSURANCE

A. Manufacturer's Qualifications: Employs skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.

1. Installer Qualifications: Manufacturer of products.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Comply with the Architectural Woodwork Standards, Section 2.

B. Do not deliver interior architectural woodwork until painting and similar finish operations that might damage woodwork have been completed in installation areas.

C. Store woodwork in installation areas or in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.

1.7 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install interior architectural woodwork until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels designed for building occupants for the remainder of the construction period.

B. Field Measurements: Where interior architectural woodwork is indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings.

1. Locate concealed framing, blocking, and reinforcements that support woodwork by field measurements before being concealed by construction and indicate measurements on Shop Drawings.

C. Established Dimensions: Where interior architectural woodwork is indicated to fit to other construction, establish dimensions for areas where woodwork is to fit. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions.

1.8 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that architectural woodwork can be supported and installed as indicated.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 "Sustainable Design Requirements," including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Composite Wood or Agrifiber Products.

2.2 ARCHITECTURAL WOODWORK, GENERAL

A. Quality Standard: Unless otherwise indicated, comply with the Architectural Woodwork Standards for grades of interior architectural woodwork indicated for construction, finishes, installation, and other requirements.

~~2.3 INTERIOR STANDING AND RUNNING TRIM FOR OPAQUE FINISH~~

~~A. Architectural Woodwork Standards Grade: Premium.~~

~~1. Wood Species: Any closed-grain hardwood.~~
~~2. Wood Moisture Content: 5 to 10 percent.~~

~~2.4 INTERIOR FRAMES AND JAMBS FOR OPAQUE FINISH~~

~~A. Architectural Woodwork Standards Grade: Custom.~~

~~B. Wood Species: Any closed-grain hardwood or Eastern white pine.~~

~~1. Do not use plain-sawn softwood lumber with exposed, flat surfaces more than 3 inches (76 mm) wide.~~
~~2. Wood Moisture Content: 8 to 13.~~

~~C. Fire-Rated Interior Frames and Jambs: Products fabricated from fire-retardant particleboard with veneered exposed surfaces or fire-retardant MDF and listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing in accordance with NFPA 252.~~

~~1. Fire Rating: 20 minutes.~~

2.3 MISCELLANEOUS MATERIALS

A. Furring, Blocking, Shims, and Nailers: Softwood or hardwood lumber, kiln-dried to less than 15 percent moisture content.

B. Provide self-drilling screws for metal-framing supports, as recommended by metal-framing manufacturer.

C. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage.

1. Provide metal expansion sleeves or expansion bolts for post-installed anchors.
2. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.

2.4 FABRICATION

A. Fabricate interior architectural woodwork to dimensions, profiles, and details indicated.

1. Ease edges to radius indicated for the following:

a. Edges of Solid-Wood (Lumber) Members: 1/16 inch unless otherwise indicated.

b. Edges of Rails and Similar Members More Than 3/4-Inch-Thick: 1/8 inch.

B. Complete fabrication, including assembly, to maximum extent possible before shipment to Project site.

1. Disassemble components only as necessary for shipment and installation.
2. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.
3. Notify Architect seven days in advance of the dates and times interior architectural woodwork fabrication will be complete.
4. Trial fit assemblies at fabrication shop that cannot be shipped completely assembled.

a. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting.
b. Verify that parts fit as intended and check measurements of assemblies against field measurements indicated on approved Shop Drawings before disassembling for shipment.

2.5 SHOP FINISHING

A. Finish interior architectural woodwork at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation.

B. Preparation for Finishing: Comply with Architectural Woodwork Standards, Section 5 for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing interior architectural woodwork, as applicable to each unit of work.

1. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of interior architectural woodwork. Apply two coats to end-grain surfaces.

PART 3 - EXECUTION

3.1 PREPARATION

A. Before installation, condition interior architectural woodwork to humidity conditions in installation areas for not less than 72 hours prior to beginning of installation.

B. Before installing interior architectural woodwork, examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming of concealed surfaces.

3.2 INSTALLATION

A. Grade: Install interior architectural woodwork to comply with same grade as item to be installed.

B. Assemble interior architectural woodwork and complete fabrication at Project site to the extent that it was not completed during shop fabrication.

C. Install interior architectural woodwork level, plumb, true in line, and without distortion.

1. Shim as required with concealed shims.
2. Install level and plumb to a tolerance of 1/8 inch in 96 inches.

D. Scribe and cut interior architectural woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.

E. Anchor interior architectural woodwork to anchors or blocking built in or directly attached to substrates.

1. Secure with countersunk, concealed fasteners and blind nailing.
2. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with interior architectural woodwork.
3. For shop-finished items, use filler matching finish of items being installed.

~~F. Standing and Running Trim:~~

~~1. Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible.~~
~~2. Do not use pieces less than 60 inches long, except where shorter single-length pieces are necessary.~~
~~3. Scarf running joints and stagger in adjacent and related members.~~
~~4. Fill gaps, if any, between top of base and wall with latex sealant, painted to match wall.~~
~~5. Install standing and running trim with no more variation from a straight line than 1/8 inch in 96 inches.~~

~~G. Stairs: Securely anchor carriages to supporting substrates.~~

~~1. Install stairs with treads and risers no more than 1/8 inch from indicated position.~~
~~2. Secure with countersunk, concealed fasteners and blind nailing.~~
~~3. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with wood surface.~~

3.3 REPAIR

A. Repair damaged and defective interior architectural woodwork, where possible, to eliminate functional and visual defects and to result in interior architectural woodwork being in compliance with requirements of Architectural Woodwork Standards for the specified grade.

B. Where not possible to repair, replace defective woodwork.

C. Shop Finish: Touch up finishing work specified in this Section after installation of interior architectural woodwork.

1. Fill nail holes with matching filler where exposed.
2. Apply specified finish coats, including stains and paste fillers if any, to exposed surfaces where only sealer/prime coats are shop applied.

3.4 CLEANING

A. Clean interior architectural woodwork on exposed and semi-exposed surfaces.

END OF SECTION

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SECTION 070543 – EXTERIOR CLADDING SUPPORT SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Exterior non-load bearing thermally low-conductive cladding support systems.

B. Related Requirements:

1. Section 072100 "Thermal Insulation" for continuous rigid insulation installed in conjunction with cladding support system.

2. Refer to other Division 07 Sections for wall cladding systems.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site in conjunction with conference for each applicable cladding system.

1.3 ACTION SUBMITTALS

A. Product Data: For the following:

1. Exterior non-load-bearing cladding support products.

2. Fasteners.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Shop Drawings: Submit as part of applicable cladding system submittal:

1. Include layout, spacings, sizes, thicknesses, and types of furring channels and girts; fabrication; and fastening and anchorage details, including mechanical fasteners.

2. Indicate reinforcing channels, opening framing, supplemental framing, strapping, bracing, bridging, splices, accessories, connection details, and attachment to adjoining work.

D. Delegated-Design Submittal: For cladding support systems indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation; refer to individual cladding sections.

1.4 INFORMATIONAL SUBMITTALS

A. Product Test Reports: For each cladding product utilizing proposed fastening, for tests performed by a qualified testing agency.

1.5 QUALITY ASSURANCE

A. Delegated Design Engineer Qualifications: A professional engineer who is legally qualified to practice in the jurisdiction where Project is located and who is experienced in providing engineering services of the type indicated.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 including the following:

1. Responsible Sourcing: Recycled content.

2. Building Product Disclosure and Optimization Documentation, where available for proposed products.

2.2 PERFORMANCE REQUIREMENTS

A. Structural Performance: Provide exterior cladding support system capable of withstanding and transferring design loads to building structure within limits and under conditions indicated.

1. Design Loads: As indicated on Drawings.

2. Deflection Limits: Design cladding support systems to withstand design loads without deflections greater than the following:

a. Exterior Non-Load-Bearing Framing: Horizontal deflection of 1/240 of the wall height.

3. Design cladding support systems to provide for movement of support system members located outside the insulated building envelope without damage or overstressing, sheathing failure, connection failure, undue strain on fasteners and anchors, or other detrimental effects when subject to a maximum ambient temperature change of 120 deg. F.

4. Design cladding support system to maintain clearances at openings, to allow for construction tolerances, and to accommodate live load deflection of primary building structure as follows:

a. Upward and downward movement of 1/2 inch.

5. Design cladding support system to accommodate horizontal deflection without regard for contribution of sheathing materials.

B. Thermal performance: Provide cladding support system that, when installed with specified rigid insulation, including trim for openings and fasteners, will achieve a minimum of 90 percent efficiency of indicated R-value in compliance with ASTM C1363 when tested as follows:

1. Test chamber shall include at least two girts, one vertical joint in insulation panel the full height of the test chamber and at least one horizontal joint the full width of the chamber.

2. Maximum temperature differential from interior wall surface to interior wall cavity of 18 degrees F.

3. Maximum temperature differential of 70 degrees F between exterior and interior wall surfaces at node locations.

4. Correct findings to 15 mph outside air movement and still inside air.

2.3 THERMALLY LOW-CONDUCTIVE CLADDING SUPPORT SYSTEM

A. Manufacturers/Products: Provide thermally non-conductive system of girts and accessories to support external rigid insulation and cladding.

1. Basis of Design: Provide basis of design system, or comparable systems of one of the below manufacturers approved by Architect prior to bid.

a. Advanced Architectural Products, GreenGirt CMH System.
b. Advanced Architectural Products, Smartci System.
c. Cascadia Windows and Doors; Cascadia Clips.
d. Knight Wall Systems, Inc.; Knight CI/HCI System.
e. Substitutions: As allowable under Instructions to Bidders and Section 01 2500 "Substitution Procedures, Post Award."

B. Girts: thermally non-conductive system of girts and accessories profile with continuous galvanized 16-gauge steel inserts.

1. Depth: As required by thickness of insulation.

C. Composite Trim: Fiberglass Reinforced Plastic (FRP) profile.

D. Fasteners: Corrosion-resistant self-tapping and self-drilling screws as recommended by manufacturer for substrate and conditions.

2.4 MATERIALS

A. Fiberglass Reinforced Plastic (FRP): Polyester and vinyl ester bioresin with fire-retardant additives complying with the following:

1. Tensile Strength: Minimum 33,000 ksi.

2. Compressive Strength: Minimum 22,000 psi.

3. Modulus of Elasticity: 2,500,000 psi.

4. Flexural Stress: Minimum 30,000 psi.

5. Lengthwise Coefficient of thermal expansion: 7.0 x 10^{-6} inch /inch/degrees F.

6. Surface Burning Characteristics:

a. Flame Spread: 25 or less per ASTM E 84.
b. Smoke Developed: 450 or less per ASTM E 84.

B. Fasteners: Type 304 stainless steel drill screws of type and size appropriate for substrates and materials being fastened.

C. Sealant: Acceptable to air barrier membrane manufacturer as compatible with membrane.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, conditions, and abutting structural framing for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Verify air barrier material has been installed as specified, inspected and approved.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. Install cladding support systems in accordance with manufacturer’s recommendations and approved Shop Drawings.

B. Install cladding support components plumb, square, and true to line, and with connections securely fastened.

C. Install framing members in one-piece lengths unless splice connections are indicated.

D. At the main entrance where the girts are fastened directly to the existing brick, do not fasten into mortar joints.

E. Fastener Treatment: Treat cladding support system fasteners penetrating air barrier with fluid-applied material or joint sealant in accordance with air barrier manufacturer's written instructions.

1. Seal all fasteners through the air/water barrier. Seal the top edge of the girt. Do not shim between the air/water barrier and the girt.

2. If the girts run horizontally, provide gap between sections to allow for drainage. Turn outside leg down to allow for drainage.

F. Coordinate installation of insulation specified in Section 072100 "Thermal Insulation."

3.3 INSTALLATION TOLERANCES

A. Install furring components level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:

1. Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

END OF SECTION

SECTION 072100 - THERMAL INSULATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. **Glass fiber blanket insulation.**
2. **Mineral wool insulation.**
3. Foam-plastic board insulation.
4. Spray polyurethane foam for detailing at windows and doors specified in other Sections.

B. Related Requirements:

1. Section 072119 "Foamed-In-Place Insulation" for wall applications.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113, including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Insulation.
3. Building Product Disclosure and Optimization Documentation, where available for proposed products.

2.2 GLASS-FIBER BLANKET INSULATION

A. Glass-Fiber Blanket, Unfaced: ASTM C 665, Type I; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84; passing ASTM E 136 for combustion characteristics.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. CertainTeed Corporation.
b. Johns Manville; a Berkshire Hathaway company.
c. Knauf Insulation.
d. Owens Corning.

2.3 MINERAL-WOOL BLANKETS

A. Mineral-Wool Blanket, Unfaced: ASTM C665, Type I (blankets without membrane facing); consisting of fibers; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E84; passing ASTM E136 for combustion characteristics.

2.4 FOAM-PLASTIC BOARD INSULATION

A. Extruded-Polystyrene Board Insulation: ASTM C 578, with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, per ASTM E 84.

1. Type IV, 25 psi.

2.5 SPRAY POLYURETHANE FOAM INSULATION

A. Low-Expansion Detailing Foam: Single-component urethane foam with low-expansion pressure, and 10 percent flexibility, suitable for installation adjacent to fenestration. Provide product complying with AAMA 812.

1. Products: Subject to compliance with requirements, provide one of the following:

a. Dow Chemical; Great Stuff Pro Window & Door.
b. Zerodraft Products, Inc.; Zero Draft Foam Sealant.
c. Hilti; Window & Door Pro Foam.

2.6 INSULATION FASTENERS

A. Adhesively Attached, Spindle-Type Anchors: Plate welded to projecting spindle; capable of holding insulation of specified thickness securely in position indicated with self-locking washer in place.

B. Anchor Adhesive: Product with demonstrated capability to bond insulation anchors securely to substrates indicated without damaging insulation, fasteners, and substrates.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Comply with insulation manufacturer's written instructions applicable to products and applications indicated.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed to ice, rain, or snow at any time.

C. Extend insulation to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

D. Provide sizes to fit applications indicated and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation units to produce thickness indicated unless multiple layers are otherwise shown or required to make up total thickness.

3.2 INSTALLATION OF INSULATION IN FRAMED CONSTRUCTION

A. Blanket Insulation: Install in cavities formed by framing members according to the following requirements:

1. Use insulation widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill the cavities, provide lengths that will produce a snug fit between ends.

2. Place insulation in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.

3. Maintain 3-inch clearance of insulation around recessed lighting fixtures not rated for or protected from contact with insulation.

4. For metal-framed wall cavities where cavity heights exceed 96 inches, support unfaced blankets mechanically and support faced blankets by taping flanges of insulation to flanges of metal studs.

B. Continuous Insulation at Exterior Walls: Mineral-wool board insulation in thickness shown.

C. Miscellaneous Voids: Install insulation in miscellaneous voids and cavity spaces where required to prevent gaps in insulation using the following materials:

1. Glass-Fiber Insulation: Compact to approximately 40 percent of normal maximum volume equaling a density of approximately 2.5 lb./cu. ft.

3.3 INSTALLATION OF BELOW-GRADE INSULATION

A. On horizontal surfaces under slabs, loosely lay insulation units according to manufacturer's written instructions. Stagger end joints and tightly abut insulation units.

1. If not otherwise indicated, extend insulation a minimum of 24 inches in from exterior walls.

END OF SECTION

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SECTION 074215 - METAL COMPOSITE MATERIAL WALL PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes metal composite material wall panels to be bid as Alternate 1a..

B. Related Information:

1. Section 012300 “Alternates.”
2. Section 070543 “Exterior Cladding Support Systems.”

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Meet with Owner, Architect, Owner's insurer if applicable, metal composite material panel Installer, metal composite material panel manufacturer's representative, structural-support Installer, and installers whose work interfaces with or affects metal composite material panels, including installers of doors, windows, and louvers.
2. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
3. Review methods and procedures related to metal composite material panel installation, including manufacturer's written instructions.
4. Examine support conditions for compliance with requirements, including alignment between and attachment to structural members.
5. Review flashings, special siding details, wall penetrations, openings, and condition of other construction that affect metal composite material panels.
6. Review governing regulations and requirements for insurance, certificates, and tests and inspections if applicable.
7. Review temporary protection requirements for metal composite material panel assembly during and after installation.
8. Review procedures for repair of panels damaged after installation.
9. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of panel and accessory.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Shop Drawings:

1. Include fabrication and installation layouts of metal composite material panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment assembly, trim, flashings, closures, and accessories; and special details.

2. Accessories: Include details of the flashing, trim and anchorage, at a scale of not less than 1-1/2 inches per 12 inches.
3. Provide signed and sealed drawings, by a qualified design professional in Project jurisdiction, of MCM system showing compliance with performance requirements and design criteria identified for this Project.

D. Delegated Design Submittals: For MCM system, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

E. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below.

1. Metal Composite Material Panels: 12 inches long by actual panel width. Include fasteners, closures, and other metal composite material panel accessories.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Product Test Reports: For each product, tests performed by a qualified testing agency.

C. Field quality-control reports.

D. Sample Warranties: For special warranties.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For metal composite material panels to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

B. Delegated Design Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the type indicated.

C. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.

1. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, metal composite material panels, and other manufactured items so as not to be damaged or deformed. Package metal composite material panels for protection during transportation and handling.

B. Unload, store, and erect metal composite material panels in a manner to prevent bending, warping, twisting, and surface damage.

C. Stack metal composite material panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal composite material panels to ensure dryness, with positive slope for drainage of water. Do not store metal composite material panels in contact with other materials that might cause staining, denting, or other surface damage.

D. Retain strippable protective covering on metal composite material panels during installation.

1.8 FIELD CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal composite material panels to be performed according to manufacturers' written instructions and warranty requirements.

1.9 COORDINATION

A. Coordinate metal composite material panel installation with rain drainage work, flashing, trim, construction of soffits, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.10 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal composite material panel systems that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including rupturing, cracking, or puncturing.
b. Deterioration of metals and other materials beyond normal weathering.

2. Warranty Period: Two years from date of Substantial Completion.

B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal composite material panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:

a. Color fading more than 5 Hunter units when tested according to ASTM D2244.
b. Chalking in excess of a No. 8 rating when tested according to ASTM D4214.
c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Structural Performance: Provide metal composite material panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E330:

1. Wind Loads: As indicated on Drawings.
2. Other Design Loads: As indicated on Drawings.

B. Windborne-Debris Impact Resistance: Passes ASTM E1886 missile-impact and cyclic-pressure tests in accordance with ASTM E1996 for Wind Zone 3 for enhanced protection.

1. Large-Missile Test: For glazing located within 30 feet of grade.
2. Small-Missile Test: For glazing located between 30 feet and 60 feet above grade.

C. Air Infiltration: Air leakage of not more than 0.06 cfm/sq. ft. when tested according to ASTM E283 at the following test-pressure difference:

1. Test-Pressure Difference: 6.24 lbf/sq. ft.

D. Water Penetration under Static Pressure: No water penetration when tested according to ASTM E331 at the following test-pressure difference:

1. Test-Pressure Difference: 6.24 lbf/sq. ft.

E. Pressure Cycling: Provide PER system with a pass rating in accordance with AAMA 508.

1. Lag between the cavity and the cyclic wind pressure to not exceed 0.08 seconds.
2. Maximum differential between the cavity and the cyclic wind pressure to not exceed 50 percent of the maximum test pressure.

F. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

G. Fire Propagation Characteristics: Metal composite material wall panel system passes NFPA 285 testing.

2.2 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 "Sustainable Design Requirements," including the following:

1. Responsible Sourcing: Recycled content.

2.3 METAL COMPOSITE MATERIAL WALL PANELS

A. Pressure-Equalized Rainscreen (PER) MCM System: Provide factory-formed and -assembled, MCM panels formed into profile for PER system installation, drained at horizontal joints and at base of wall. Include attachment assembly components, panel stiffeners, and accessories required for weathertight system.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

a. ALPOLIC Materials; Mitsubishi Chemical Composites.

b. ALUCOBOND; 3A Composites USA, Inc.
c. Alfrex, LLC.
d. Alucoil North America.
e. Arconic.

B. Aluminum-Faced Composite Wall Panels: Formed with 0.020-inch-thick, coil-coated aluminum sheet facings.

1. Panel Thickness: 0.157 inch (4 mm).
2. Core: Fire retardant.
3. Exterior Finish: Two-coat fluoropolymer.

a. Color: As scheduled.

C. Attachment Assembly Components: Formed from material compatible with panel facing.

D. Attachment Assembly: Track.

2.4 MISCELLANEOUS MATERIALS

A. Metal Subframing and Furring: Refer to Section 070543 “Exterior Cladding Support Systems.”.

B. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal composite material panels unless otherwise indicated.

C. Flashing and Trim: Provide flashing and trim formed from same material as metal composite material panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, bases, drips, sills, jambs, corners, end walls, framed openings, rakes, fasciae, parapet caps, soffits, reveals, and fillers. Finish flashing and trim with same finish system as adjacent metal composite material panels.

D. Trims: Fry Reglet Fiber Cement Panel Trims or Tamlyn, XtremeTrim. Match panel finish. Include the following:

1. Vertical panel to panel joints.
2. Horizontal panel to panel joints.
3. Horizontal soffit to panel joint.
4. Horizontal panel to storefront head joint.
5. Vertical or horizontal outside corner joint.

E. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide exposed fasteners with heads matching color of metal composite material panels by means of plastic caps or factory-applied coating. Provide EPDM or PVC sealing washers for exposed fasteners.

F. Panel Sealants: ASTM C920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal composite material panels and remain weathertight; and as recommended in writing by metal composite material panel manufacturer.

2.5 FABRICATION

A. General: Fabricate and finish metal composite material panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance

requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. PER MCM System: Provide factory-formed and -assembled, MCM panels formed into profile for PER system installation, drained at horizontal joints and at base of wall. Include attachment assembly components and accessories required for compartmentalized and weathertight system.

C. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.

1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
3. Sealed Joints: Form non-expansion, but movable, joints in metal to accommodate sealant and to comply with SMACNA standards.
4. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
5. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by metal panel manufacturer.

a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal wall panel manufacturer for application but not less than thickness of metal being secured.

2.6 FINISHES

A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

C. Aluminum Panels and Accessories:

1. Two-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, metal composite material panel supports, and other conditions affecting performance of the Work.

1. Examine wall framing to verify that girts, angles, channels, studs, and other structural panel support members and anchorage have been installed within alignment tolerances required by metal composite material wall panel manufacturer.
2. Examine wall sheathing to verify that sheathing joints are supported by framing or blocking, and that installation is within flatness tolerances required by metal composite material wall panel manufacturer.

    a. Verify that air- or water-resistive barriers have been installed over sheathing or backing substrate to prevent air infiltration or water penetration.

B. Examine roughing-in for components and assemblies penetrating metal composite material panels to verify actual locations of penetrations relative to seam locations of metal composite material panels before installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Miscellaneous Supports: Install cladding support members and anchorages according to cladding support system and metal composite material panel manufacturer's written recommendations and approved shop drawings.

B. Treat fasteners penetrating air barrier system according to air barrier manufacturer's written recommendations.

3.3 METAL COMPOSITE MATERIAL PANEL INSTALLATION

A. General: Install metal composite material panels according to manufacturer's written instructions in orientation, sizes, and locations indicated on Drawings. Install panels perpendicular to supports unless otherwise indicated. Anchor metal composite material panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Shim or otherwise plumb substrates receiving metal composite material panels.
2. Flash and seal metal composite material panels at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until air- or water-resistive barriers and flashings that will be concealed by metal composite material panels are installed.
3. Install screw fasteners in predrilled holes.
4. Locate and space fastenings in uniform vertical and horizontal alignment.
5. Install flashing and trim as metal composite material panel work proceeds.
6. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition.
7. Align bottoms of metal composite material panels and fasten with blind rivets, bolts, or self-tapping screws. Fasten flashings and trim around openings and similar elements with self-tapping screws.
8. Provide weathertight escutcheons for pipe- and conduit-penetrating panels.

B. PER System Installation: Install using manufacturer's standard assembly with vertical channel that provides support and secondary drainage assembly, draining at base of wall. Notch vertical channel to receive support pins. Install vertical channels supported by channel brackets or adjuster angles and at locations, spacings, and with fasteners recommended by manufacturer. Attach metal composite material wall panels by inserting horizontal support pins into notches in vertical channels and into flanges of panels. Leave horizontal and vertical joints with open reveal.

1. Install wall panels to allow individual panels to be installed and removed without disturbing adjacent panels.
2. Do not apply sealants to joints unless otherwise indicated.

C. Fasteners:

1. Aluminum Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior; use aluminum or galvanized-steel fasteners for surfaces exposed to the interior.

D. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action as recommended in writing by metal composite material panel manufacturer.

E. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal composite material panel assembly including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items. Provide types indicated by metal composite material panel manufacturer; or, if not indicated, provide types recommended in writing by metal composite material panel manufacturer.

F. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible and set units true to line and level as indicated. Install work with laps, joints, and seams that are permanently watertight.

1. Install exposed flashing and trim that is without buckling and tool marks and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and to result in waterproof performance.
2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).

3.4 ERECTION TOLERANCES

A. Installation Tolerances: Shim and align metal composite material wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated, and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

3.5 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified independent testing agency to perform field tests and inspections.

B. Manufacturer's Field Service: Engage a factory-authorized service representative to test and inspect completed metal composite material wall panel installation, including accessories.

C. Metal composite material wall panels will be considered defective if they do not pass test and inspections.

D. Additional tests and inspections, at Contractor's expense, are performed to determine compliance of replaced or additional work with specified requirements.

E. Prepare test and inspection reports.

3.6 CLEANING AND PROTECTION

A. Remove temporary protective coverings and strippable films, if any, as metal composite material panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal composite material panel installation, clean finished surfaces as recommended by metal composite material panel manufacturer. Maintain in a clean condition during construction.

B. After metal composite material panel installation, clear weep holes and drainage channels of obstructions, dirt, and sealant.

C. Replace metal composite material panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION

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SECTION 074646 – FIBER CEMENT SIDING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes fiber-cement siding, and soffit board, composite panels, and composite trim to be bid as Alternate 1b.

B. Related Requirements:

1. Section 012300 “Altermates.”
2. Section 070543 “Exterior Cladding Support Systems.”

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For siding including related accessories.

C. Product certificates.

D. Warranty: Sample of special warranty.

E. Maintenance data.

1.3 QUALITY ASSURANCE

A. Labeling: Provide fiber-cement siding that is tested and labeled according to ASTM C 1186 by a qualified testing agency acceptable to authorities having jurisdiction.

B. Source Limitations: Obtain siding, including related accessories, from single source from single manufacturer.

C. Mockup: Exterior wall mockup: Refer to Drawings for requirements, or if not indicated, provide mockup of one apartment unit bay complete with window, flashings, trim, sealants, and paint. Proceed with balance of work upon acceptance of mockup by Architect.

D. Preinstallation Conference: Conduct conference at Project site.

1.4 WARRANTY

A. Special Warranty: Standard form in which manufacturer agrees to repair or replace siding that fail(s) in materials or workmanship within specified warranty period.

1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 FIBER-CEMENT SIDING

A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

    a. Basis of Design: “Architectural Wall Panel” manufactured by James Hardie Building Products, Inc.
    b. CertainTeed Corporation.
    c. GAF Materials Corporation.
    d. Nichiha Fiber Cement.

2. Horizontal Siding: As scheduled on Drawings.
3. Panel Siding: 48-inch-wide sheets with smooth texture.

    a. Provide ripped fiber cement battens as indicated on Drawings.

4. Soffit: 48-inch-wide vented and non-vented sheets with smooth texture
5. Factory Finish: Manufacturer's standard acrylic primer first coat, with primer on back side, and ready for final coat specified in Section 099113 "Exterior Painting."

2.2 ACCESSORIES

A. Siding Vent System: Manufacturer's standard, rigid section high-density polypropylene or other UV-stabilized plastic batten strips and top and bottom vents.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Core-A-Vent, Inc.; Siding vent system or comparable product approved by Architect prior to date for receipt of Bids.

    a. Batten: Core-A-Vent, Inc.; Sturdi-Strip.
    b. Top and Bottom Vent: Core-A-Vent, Inc.; SV-3.

B. Flashing: Provide aluminum flashing complying with Division 07 Section "Sheet Metal Flashing and Trim" at window and door heads and where indicated.

1. Finish for Aluminum Flashing: Factory-prime coating.

C. Continuous Soffit Vents: Aluminum, hat-channel shape, with stamped louvers;3 inches wide and not less than 96 inches long.

1. Net-Free Area: 6 sq. in./linear ft.
2. Finish: White paint.

D. Fasteners: Use fasteners recommended by siding manufacturer for application, subject to approval by authorities having jurisdiction.

1. For concealed fastening to wood, use hot-dipped galvanized roofing nails of sufficient length to penetrate a minimum of 1 inch into substrate.
2. For exposed fastening to wood, use stainless steel siding nails of sufficient length to penetrate a minimum of 1 inch into substrate, hand nailed.
3. For fastening to metal, use ribbed bugle-head stainless-steel screws of sufficient length to penetrate a minimum of 1/4 inch, or three screw-threads, into substrate.

2.3 RELATED EXTERIOR CLADDING ITEMS

A. Decorative Accessories: Provide fiber-cement decorative accessories as indicated including:

1. Corner posts.
2. Door and window casings.
3. Fasciae.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of siding and related accessories.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Comply with siding manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.

1. Do not install damaged components.
2. Center nails in elongated nailing slots without binding siding to allow for thermal movement.

B. Install fiber-cement siding and related accessories.

1. Install fastener types and spacings as recommended by manufacturer for hurricane high wind zones.

C. Install joint sealants as specified in Division 07 Section "Joint Sealants" and to produce weathertight installation.

1. Provide continuous joint sealant bead between soffit and wall.

3.3 ADJUSTING AND CLEANING

A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.

B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

END OF SECTION

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SECTION 077200 - ROOF ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Roof curbs.
2. Equipment supports.
3. Condenser stands.
4. Roof hatches.
5. Pipe and duct support.
6. Pipe portals.
7. Preformed flashing sleeves.

B. Related Requirements:

1. Section 055000 “Metal Fabrications” for metal vertical ladders, ships' ladders, and stairs for access to roof hatches.
2. Section 076200 “Sheet Metal Flashing and Trim” for shop- and field-formed metal flashing, roof-drainage systems, roof expansion-joint covers, and miscellaneous sheet metal trim and accessories.

1.2 COORDINATION

A. Coordinate layout and installation of roof accessories with roofing membrane and base flashing and interfacing and adjoining construction to provide a leakproof, weathertight, secure, and noncorrosive installation.

B. Coordinate dimensions with rough-in information or Shop Drawings of equipment to be supported.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of roof accessory.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

B. Delegated-Design Submittal: For roof curbs and equipment supports indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1. Detail mounting, securing, and flashing of roof-mounted items to roof structure. Indicate coordinating requirements with roof membrane system.
2. Wind-Restraint Details: Detail fabrication and attachment of wind restraints. Show anchorage details and indicate quantity, diameter, and depth of penetration of anchors.

1.4 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For roof accessories to include in operation and maintenance manuals.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. General Performance: Roof accessories shall withstand exposure to weather and resist thermally induced movement without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.

B. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 “Quality Requirements,” to design roof curbs and equipment supports to comply with wind performance requirements, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

C. Wind-Restraint Performance: Per design wind speed indicated on Structural Drawings.

2.2 ROOF CURBS

A. Roof Curbs: Internally reinforced roof-curb units capable of supporting superimposed live and dead loads, including equipment loads and other construction indicated on Drawings, bearing continuously on roof structure, and capable of meeting performance requirements; with welded or mechanically fastened and sealed corner joints, straight sides, and integrally formed deck-mounting flange at perimeter bottom.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

a. Curbs Plus, Inc.
b. Greenheck Fan Corporation.
c. LMCurbs.
d. Roof Products and Systems (RPS); a division of Hart & Cooley, Inc.
e. Thybar Corporation.

B. Size: Coordinate dimensions with roughing-in information or Shop Drawings of equipment to be supported.

C. Supported Load Capacity: Coordinate load capacity with information on Shop Drawings of equipment to be supported.

D. Material: Zinc-coated (galvanized) or Aluminum-zinc alloy-coated steel sheet, not less than 0.052 inch thick.

1. Finish: Baked enamel or powder coat.
2. Color: White.

E. Construction:

1. Curb Profile: Manufacturer's standard compatible with roofing system.
2. Fabricate curbs to minimum height of 12 inches above finished roofing surface.
3. Top Surface: Level top of curb, with roof slope accommodated by sloping deck-mounting flange.
4. Sloping Roofs: Where roof slope exceeds 1:48, fabricate curb with perimeter curb height tapered to accommodate roof slope so that top surface of perimeter curb is level. Equip unit with water diverter or cricket on side that obstructs water flow.

5. Insulation: Factory insulated with 1-1/2-inch-thick glass-fiber board insulation.
6. Liner: Same material as curb, of manufacturer's standard thickness and finish.
7. Nailer: Factory-installed wood nailer under top flange on side of curb, continuous around curb perimeter.
8. Wind Restraint Straps and Base Flange Attachment: Provide wind restraint straps, welded strap connectors, and base flange attachment to roof structure at perimeter of curb, of size and spacing required to meet wind uplift requirements.
9. Platform Cap: Where portion of roof curb is not covered by equipment, provide weathertight platform cap formed from 3/4-inch-thick plywood covered with metal sheet of same type, thickness, and finish as required for curb.
10. Metal Counterflashing: Manufacturer's standard, removable, fabricated of same metal and finish as curb.
11. Damper Tray: Where applicable: Provide damper tray or shelf with opening 3 inches less than interior curb dimensions indicated.

2.3 EQUIPMENT SUPPORTS

A. Equipment Supports: Internally reinforced perimeter metal equipment supports capable of supporting superimposed live and dead loads between structural supports, including equipment loads and other construction indicated on Drawings, spanning between structural supports; capable of meeting performance requirements; with welded corner joints, and integrally formed structure-mounting flange at bottom.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

    a. Curbs Plus, Inc.
    b. Greenheck Fan Corporation.
    c. LMCurbs.
    d. Roof Products and Systems (RPS); a division of Hart & Cooley, Inc.
    e. Thybar Corporation.

B. Size: Coordinate dimensions with roughing-in information or Shop Drawings of equipment to be supported.

C. Supported Load Capacity: Coordinate load capacity with information on Shop Drawings of equipment to be supported.

D. Material: Zinc-coated (galvanized) or Aluminum-zinc alloy-coated steel sheet, not less than 0.052 inch thick.

1. Finish: Baked enamel or powder coat.
2. Color: White.

E. Construction:

1. Curb Profile: Manufacturer's standard compatible with roofing system.
2. Insulation: Factory insulated with 1-1/2-inch-thick glass-fiber board insulation.
3. Liner: Same material as equipment support, of manufacturer's standard thickness and finish.
4. Nailer: Factory-installed continuous wood nailers 3-1/2 inches wide under top flange on side of curb, continuous around support perimeter.

5. Wind Restraint Straps and Base Flange Attachment: Provide wind restraint straps, welded strap connectors, and base flange attachment to roof structure at perimeter of curb of size and spacing required to meet wind uplift requirements.
6. Platform Cap: Where portion of equipment support is not covered by equipment, provide weathertight platform cap formed from 3/4-inch-thick plywood covered with metal sheet of same type, thickness, and finish as required for curb.
7. Metal Counterflashing: Manufacturer's standard, removable, fabricated of same metal and finish as equipment support.
8. Fabricate equipment supports to minimum height of 12 inches above roofing surface unless otherwise indicated.
9. Sloping Roofs: Where roof slope exceeds 1:48, fabricate each support with height to accommodate roof slope so that tops of supports are level with each other. Equip supports with water diverters or crickets on sides that obstruct water flow.
10. Security Grille: Provide for all units.

2.4 CONDENSER STANDS

A. Condenser Unit and Piping Supports: Manufacturer's standard or custom designed stands fabricated from aluminum extrusions, shapes, and tubes, engineered to meet Miami-Dade County requirements, and configured to support equipment and piping indicated. Stands to consist of aluminum I-beam construction supported by multiple 2-leg crossbeam assemblies, minimum height 18 inches above roof surface, with aluminum base plate, base seal, manufacturer's recommended hardware for mounting to structure or structural roof deck.

1. Basis of Design: Alumistand and Vibra-Damp Corporation (AVCOA), Fort Lauderdale, FL, (800)266-7212, www.avcousa.com.
2. Provide rubber vibration pads where recommended by manufacturer for use with condensers and motors.
3. Pipe Support Flashing: Manufacturer's standard sleeve flashing with integral base flange; aluminum sheet, 0.063 inch thick.
4. Finish: Manufacturer's standard.
5. Coordinate with structural layout to accept point loads.
6. Coordinate with roofing system design to bear on solid blocking matching thickness of adjacent roofing system.

2.5 ROOF HATCHES

A. Roof Hatches: Thermally improved metal roof-hatch units with lids and insulated double-walled curbs, welded or mechanically fastened and sealed corner joints, continuous lid-to-curb counterflashing and weathertight perimeter gasketing, straight sides, and integrally formed deck-mounting flange at perimeter bottom.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Bilco Company (The), Single Leaf Roof Access Hatch **E-50TB 48 by 48 inches** or a comparable product by one of the following:

    a. Architectural Specialties, Inc.
    b. Babcock-Davis.
    c. Nystrom.
    d. O'Keeffe's Inc.
    e. Pate Company (The).

B. Type and Size: Single-leaf lid, size as indicated on Drawings but not less than 36 by 36 inches.

C. Loads: Minimum 40-lbf/sq. ft. external live load and 20-lbf/sq. ft. internal uplift load.

D. Hatch Material: Aluminum sheet.

1. Thickness: Manufacturer's standard thickness for hatch size indicated.
2. Finish: Baked enamel or powder coat.
3. Color: White.

E. Construction:

1. Insulation: 3-inch-thick, polyisocyanurate board.

    a. R-Value: 20.0 according to ASTM C1363.

2. Nailer: Factory-installed wood nailer continuous around hatch perimeter.
3. Hatch Lid: Opaque, insulated, and double walled, with manufacturer's standard metal liner of same material and finish as outer metal lid.
4. Curb Liner: Manufacturer's standard, of same material and finish as metal curb.
5. Fabricate curbs to minimum height of 12 inches above roofing surface unless otherwise indicated.
6. Sloping Roofs: Where slope or roof deck exceeds 1:48, fabricate curb with perimeter curb height that is constant. Equip hatch with water diverter or cricket on side that obstructs water flow.

F. Hardware: Spring operators, hold-open arm, stainless steel spring latch with turn handles, stainless steel butt- or pintle-type hinge system, and padlock hasps inside and outside.

1. Provide two-point latch on lids larger than 84 inches.
2. Provide remote-control operation.

G. Safety Railing System: Roof-hatch manufacturer's standard system including rails, clamps, fasteners, safety barrier at railing opening, and accessories required for a complete installation; attached to roof hatch and complying with 29 CFR 1910.23 requirements and authorities having jurisdiction.

1. Height: 42 inches above finished roof deck.
2. Posts and Rails: Galvanized-steel pipe, 1-1/4 inches in diameter or galvanized-steel tube, 1-5/8 inches in diameter.
3. Maximum Opening Size: System constructed to prevent passage of a sphere 21 inches in diameter.
4. Self-Latching Gate: Fabricated of same materials and rail spacing as safety railing system. Provide manufacturer's standard hinges and self-latching mechanism.
5. Post and Rail Tops and Ends: Weather resistant, closed or plugged with prefabricated end fittings.
6. Provide weep holes or another means to drain entrapped water in hollow sections of handrail and railing members.
7. Fabricate joints exposed to weather to be watertight.
8. Fasteners: Manufacturer's standard, finished to match railing system.
9. Finish: Manufacturer's standard baked enamel or powder coat.

    a. Color: Safety yellow.

H. Ladder-Assist Post: Roof-hatch manufacturer's standard device for attachment to roof-access ladder.

1. Operation: Post locks in place on full extension; release mechanism returns post to closed position.
2. Height: 42 inches above finished roof deck.
3. Material: Steel tube.
4. Post: 1-5/8-inch-diameter pipe.
5. Finish: Manufacturer's standard baked enamel or powder coat.

    a. Color: Safety yellow.

2.6 PIPE AND DUCT SUPPORTS

A. Fixed-Height Cradle-Type Pipe Supports: Polycarbonate pipe stand accommodating up to 1-1/2-inch-diameter pipe or conduit; with provision for pipe retainer and with manufacturer's support pad or deck plate as recommended for penetration-free installation over roof membrane type as required for quantity of pipe runs and sizes.

B. Fixed-Height Roller-Bearing Pipe Supports: Polycarbonate pipe stand with stainless-steel roller carrying assembly accommodating up to 7-inch-diameter pipe or conduit; with provision for pipe retainer and with manufacturer's support pad or deck plate as recommended for penetration-free installation over roof membrane type as required for quantity of pipe runs and sizes.

C. Adjustable-Height Roller-Bearing Pipe Supports: Polycarbonate pipe stand base, pipe support, and roller housing, with stainless-steel threaded rod designed for adjusting support height, accommodating up to 18 inch diameter pipe or conduit; with provision for pipe retainer and with manufacturer's support pad or deck plate as recommended for penetration-free installation over roof membrane type; as required for quantity of pipe runs and sizes.

D. Adjustable-Height Structure-Mounted Pipe Supports: Extruded-aluminum tube, filled with urethane insulation; 2 inches in diameter; accommodating up to 7-inch-diameter pipe or conduit, with provision for pipe retainer; with aluminum baseplate, EPDM base seal, manufacturer's recommended hardware for mounting to structure or structural roof deck as indicated, stainless-steel roller and retainer, and extruded-aluminum carrier assemblies; as required for quantity of pipe runs and sizes.

E. Curb-Mounted Pipe Supports: Galvanized steel support with welded or mechanically fastened and sealed corner joints, straight sides, and integrally formed deck-mounting flange at perimeter bottom; with adjustable-height roller-bearing pipe support accommodating up to 20-inch-diameter pipe or conduit and with provision for pipe retainer; as required for quantity of pipe runs and sizes.

F. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

1. MIRO Industries, Inc.
2. Pate Company (The).
3. PHP Systems/Design.
4. Thaler Metal Industries Ltd.

G. Finish: Manufacturer's standard.

2.7 PIPE PORTALS

A. Curb-Mounted Pipe Portal: Insulated roof-curb units with welded or mechanically fastened and sealed corner joints, straight sides, and integrally formed deck-mounting flange at perimeter bottom; with weathertight curb cover with single or multiple collared openings and pressure-

sealed conically shaped EPDM protective rubber caps sized for piping indicated, with stainless-steel snaplock swivel clamps.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

    a. Roof Products and Systems (RPS); a division of Hart & Cooley, Inc.

B. Flashing Pipe Portal: Formed aluminum membrane-mounting flashing flange and sleeve with collared opening and pressure-sealed conically shaped EPDM protective rubber cap sized for piping indicated, with stainless-steel snaplock swivel clamps.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

    a. Roof Products and Systems (RPS); a division of Hart & Cooley, Inc.

2.8 METAL MATERIALS

A. Zinc-Coated (Galvanized) Steel Sheet: ASTM A653/A653M, G90 coating designation.

1. Baked-Enamel or Powder-Coat Finish: After cleaning and pretreating, apply manufacturer's standard two-coat, baked-on finish consisting of prime coat and thermosetting topcoat to a minimum dry film thickness of 2 mils.
2. Concealed Finish: Pretreat with manufacturer's standard white or light-colored acrylic or polyester-backer finish consisting of prime coat and wash coat, with a minimum total dry film thickness of 0.5 mil.

B. Aluminum-Zinc Alloy-Coated Steel Sheet: ASTM A792/A792M, AZ50 coated.

1. Baked-Enamel or Powder-Coat Finish: After cleaning and pretreating, apply manufacturer's standard two-coat, baked-on finish consisting of prime coat and thermosetting topcoat to a minimum dry film thickness of 2 mils.

C. Aluminum Sheet: ASTM B209, manufacturer's standard alloy for finish required, with temper to suit forming operations and performance required.

1. Baked-Enamel or Powder-Coat Finish: AAMA 2603 except with a minimum dry film thickness of 1.5 mils. Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.
2. Concealed Finish: Pretreat with manufacturer's standard white or light-colored acrylic or polyester-backer finish consisting of prime coat and wash coat, with a minimum total dry film thickness of 0.5 mil.

D. Aluminum Extrusions and Tubes: ASTM B221, manufacturer's standard alloy and temper for type of use, finished to match assembly where used; otherwise mill finished.

E. Steel Shapes: ASTM A36/A36M, hot-dip galvanized according to ASTM A123/A123M unless otherwise indicated.

F. Steel Tube: ASTM A500/A500M, round tube.

G. Galvanized-Steel Tube: ASTM A500/A500M, round tube, hot-dip galvanized according to ASTM A123/A123M.

H. Steel Pipe: ASTM A53/A53M, galvanized.

2.9 MISCELLANEOUS MATERIALS

A. Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items required by manufacturer for a complete installation.

B. Polyisocyanurate Board Insulation: ASTM C1289, thickness and thermal resistivity as indicated.

C. Wood Nailers: Softwood lumber, pressure treated with waterborne preservatives for aboveground use, acceptable to authorities having jurisdiction, containing no arsenic or chromium, and complying with AWPA C2; not less than 1-1/2 inches thick.

D. Bituminous Coating: Cold-applied asphalt emulsion complying with ASTM D1187/D1187M.

E. Underlayment:

1. Self-Adhering, High-Temperature Sheet: Minimum 30 to 40 mils thick, consisting of slip-resisting polyethylene-film top surface laminated to layer of butyl or SBS-modified asphalt adhesive, with release-paper backing; cold applied. Provide primer when recommended by underlayment manufacturer.

F. Fasteners: Roof accessory manufacturer's recommended fasteners suitable for application and metals being fastened. Match finish of exposed fasteners with finish of material being fastened. Provide nonremovable fastener heads to exterior exposed fasteners. Furnish the following unless otherwise indicated:

1. Fasteners for Zinc-Coated or Aluminum-Zinc Alloy-Coated Steel: Series 300 stainless steel or hot-dip zinc-coated steel according to ASTM A153/A153M or ASTM F2329.
2. Fasteners for Aluminum Sheet: Aluminum or Series 300 stainless steel.

G. Gaskets: Manufacturer's standard tubular or fingered design of neoprene, EPDM, PVC, or silicone or a flat design of foam rubber, sponge neoprene, or cork.

H. Elastomeric Sealant: ASTM C920, elastomeric silicone polymer sealant as recommended by roof accessory manufacturer for installation indicated; low modulus; of type, grade, class, and use classifications required to seal joints and remain watertight.

I. Butyl Sealant: ASTM C1311, single-component, solvent-release butyl rubber sealant; polyisobutylene plasticized; heavy bodied for expansion joints with limited movement.

J. Asphalt Roofing Cement: ASTM D4586/D4586M, asbestos free, of consistency required for application.

2.10 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's “Metal Finishes Manual for Architectural and Metal Products” for recommendations for applying and designating finishes.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.

B. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.

C. Verify dimensions of roof openings for roof accessories.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install roof accessories according to manufacturer's written instructions.

1. Install roof accessories level; plumb; true to line and elevation; and without warping, jogs in alignment, buckling, or tool marks.
2. Anchor roof accessories securely in place so they are capable of resisting indicated loads.
3. Use fasteners, separators, sealants, and other miscellaneous items as required to complete installation of roof accessories and fit them to substrates.
4. Install roof accessories to resist exposure to weather without failing, rattling, leaking, or loosening of fasteners and seals.

B. Metal Protection: Protect metals against galvanic action by separating dissimilar metals from contact with each other or with corrosive substrates by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturer.

1. Underlayment: Where installing roof accessories directly on cementitious or wood substrates, install a course of underlayment and cover with manufacturer's recommended slip sheet.
2. Bed flanges in thick coat of asphalt roofing cement where required by manufacturers of roof accessories for waterproof performance.

C. Roof Curb Installation: Install each roof curb so top surface is level.

D. Equipment Support Installation: Install equipment supports so top surfaces are level with each other.

E. Roof-Hatch Installation:

1. Verify that roof hatch operates properly. Clean, lubricate, and adjust operating mechanism and hardware.
2. Attach safety railing system to roof-hatch curb.
3. Attach ladder-assist post according to manufacturer's written instructions.

F. Pipe Support Installation: Comply with MSS SP-58 and MSS SP-89. Install supports and attachments as required to properly support piping. Arrange for grouping of parallel runs of horizontal piping, and support together.

1. Pipes of Various Sizes: Space supports for smallest pipe size or install intermediate supports for smaller diameter pipes as specified for individual pipe hangers.

G. Preformed Flashing-Sleeve and Flashing Pipe Portal Installation: Secure flashing sleeve to roof membrane according to flashing-sleeve manufacturer's written instructions; flash sleeve flange to surrounding roof membrane according to roof membrane manufacturer's instructions.

H. Seal joints with elastomeric or butyl sealant as required by roof accessory manufacturer.

3.3 REPAIR AND CLEANING

A. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing according to ASTM A780/A780M.

B. Touch up factory-primed surfaces with compatible primer ready for field painting according to Section 099113 “Exterior Painting.”

C. Clean exposed surfaces according to manufacturer's written instructions.

D. Clean off excess sealants.

E. Replace roof accessories that have been damaged or that cannot be successfully repaired by finish touchup or similar minor repair procedures.

END OF SECTION

SECTION 081400 - WOOD DOORS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Interior Unit Doors: 2-Panel stile and rail doors, pre-hung.
2. Fire Rated MDF Doors, Flush Slab, Primed.
3. Factory machining for hardware.

B. Related Requirements:

1. Section 081113 “Hollow Metal Doors and Frames.”
2. Section 087100 “Door Hardware.”

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product, including the following:

1. Door core materials and construction.
2. Door edge construction
3. Door face type and characteristics.
4. Factory- finishing specifications.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Shop Drawings: Indicate location, size, and hand of each door; elevation of each type of door; construction details not covered in Product Data; and the following:

1. Door elevations, dimension and locations of hardware, lite and louver cutouts, and glazing thicknesses.
2. Details of frame for each frame type, including dimensions and profile.
3. Dimensions and locations of blocking for hardware attachment.
4. Dimensions and locations of mortises and holes for hardware.
5. Clearances and undercuts.

1.3 INFORMATIONAL SUBMITTALS

A. Sample Warranty: For special warranty.

1.4 CLOSEOUT SUBMITTALS

A. Special warranties.

B. Record Documents: For fire-rated doors, list of door numbers and applicable room name and number to which door accesses.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Comply with requirements of referenced standard and manufacturer's written instructions.

B. Package doors individually in plastic bags or cardboard cartons.

C. Mark each door on top rail with opening number used on Shop Drawings.

1.6 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install doors until spaces are enclosed and weathertight, wet-work in spaces is complete and dry, and HVAC system is operating and maintaining temperature and relative humidity at levels designed for building occupants for the remainder of construction period.

1.7 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace doors that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Delamination of veneer.
b. Warping (bow, cup, or twist) more than 1/4 inch in a 42-by-84-inch section.
c. Telegraphing of core construction in face exceeding 0.01 inch in a 3-inch span.

2. Warranty shall also include installation and finishing that may be required due to repair or replacement of defective doors.
3. Warranty Period for Solid-Core Interior Doors: Life of installation.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 including the following:

1. Low-Emitting Materials: Field applied adhesives and sealants.
2. Low-Emitting Materials: Composite Wood or Agrifiber Products.
3. FSC Certified.

2.2 MANUFACTURERS

A. Source Limitations: Obtain flush wood doors from single manufacturer.

2.3 PERFORMANCE REQUIREMENTS

A. Fire-Rated Wood Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated on Drawings, based on testing at positive pressure in accordance with UL 10C or NFPA 252.

2.4 STILE AND RAIL WOOD DOORS

A. Interior Stile and Rail Wood Doors: Interior doors complying with WDMA I.S. 6A and with other requirements specified.

1. Basis of Design: Trimlite 2-Panel Shaker Interior Prehung.

2. Performance Grade:

    a. WDMA I.S. 6A: Heavy Duty.
    b. WDMA I.S. 6A: Premium.

3. Panel Designs: Indicated on Drawings. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.
4. Facing: MDF ANSI A208.2, Grade 150 or Grade 160.
5. Exposed Vertical Edges: Match faces.
6. Finish: Opaque.
7. Hardware: Manufactirer’s standard with satin nickel hinges and 7-1/4" door jamb.
8. Door Construction for Opaque Finish:

    a. Stile and Rail Construction:

        1) Clear softwood: may be edge glued for width and finger jointed.
        2) Veneered, structural composite lumber or veneered edge- and end-glued lumber.

    b. Panel Construction: Shaped, medium-density fiberboard.

9. Stile and Rail Widths: As indicated, or if not indicated, manufacturer's standard, but not less than the following:

    a. Stiles, Top and Intermediate Rails: 4-1/2 inches.
    b. Bottom Rails: 9 inches.

10. Raised-Panel Thickness: Manufacturer’s standard, but not less than 3/4 inch.
11. Flat-Panel Thickness: 1/2 inch.
12. Molding Profile (Sticking): As selected by Architect from manufacturer's full range.
13. Mark, label, or otherwise identify stile and rail wood doors as complying with WDMA I.S. 6A and grade specified.

2.5 SOLID-CORE FLUSH WOOD DOORS FOR OPAQUE FINISH

A. Interior Solid-Core Doors:

1. Performance Grade: ANSI/WDMA I.S. 1A Extra Heavy Duty.
2. ANSI/WDMA I.S. 1A Grade: Custom.
3. Faces: MDF ANSI A208.2, Grade 150 or Grade 160, primed.
4. Exposed Vertical Edges: Match faces.

    a. Fire-Rated Single Doors: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed vertical edges.
    b. Fire-Rated Pairs of Doors: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Provide stiles with concealed intumescent seals. Comply with specified requirements for exposed edges.
    c. Mineral-Core Doors: At hinge stiles, provide laminated-edge construction with improved screw-holding capability and split resistance. Comply with specified requirements for exposed edges.

1) Screw-Holding Capability: 550 lbf in accordance with WDMA T.M. 10.

5. Core for Fire-Rated Doors: As required to achieve fire-protection rating indicated on Drawings.

   a. Blocking for Mineral-Core Doors: Provide composite blocking with improved screw-holding capability approved for use in doors of fire-protection ratings indicated on Drawings as needed to eliminate through-bolting hardware.

6. Construction: Five- or seven- plies, hot-pressed bonded (vertical and horizontal edging is bonded to core), with entire unit abrasive planed before veneering.

2.6 LIGHT FRAMES

A. Wood Beads for Light Openings in Wood Doors: Provide manufacturer's standard wood beads unless otherwise indicated.

1. Wood Species: Same species as door faces.
2. Profile: Manufacturer's standard shape.
3. At wood-core doors with 20-minute fire-protection ratings, provide wood beads and metal glazing clips approved for such use.

B. Metal Frames for Lite Openings in Fire-Rated Doors: Manufacturer's standard frame formed of 0.048-inch-thick, cold-rolled steel sheet; with baked-enamel- or powder-coated finish in color selected by Architect; and approved for use in doors of fire-protection rating indicated on Drawings.

2.7 FABRICATION

A. Factory fit doors to suit frame-opening sizes indicated.

1. Comply with clearance requirements of referenced quality standard for fitting unless otherwise indicated.
2. Comply with NFPA 80 requirements for fire-rated doors.

B. Factory machine doors for hardware that is not surface applied.

1. Locate hardware to comply with DHI-WDHS-3.
2. Comply with final hardware schedules, door frame Shop Drawings, ANSI/BHMA-156.115-W, and hardware templates.
3. Coordinate with hardware mortises in metal frames, to verify dimensions and alignment before factory machining.

C. Openings: Factory cut and trim openings through doors.

1. Light Openings: Trim openings with moldings of material and profile indicated.
2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Section 088000 “Glazing.”

2.8 FINISHING

A. Comply with referenced quality standard for finishing.

1. Complete fabrication, including fitting doors for openings and machining for hardware that is not surface applied, before finishing.
2. Finish faces, all four edges, edges of cutouts, and mortises.

B. Opaque Finish: Finish: 3-coat acrylic enamel system, including primer, intermediate, and finish coats specified in Section 099123 “Interior Painting.”

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine doors and installed door frames, with Installer present, before hanging doors.

1. Verify that installed frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with level heads and plumb jambs.
2. Reject doors with defects.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Hardware: For installation, see Section 087100 “Door Hardware.”

B. Install doors to comply with manufacturer's written instructions and referenced quality standard, and as indicated.

C. Install fire-rated doors and frames in accordance with NFPA 80.

D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.

E. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

3.3 ADJUSTING

A. Operation: Rehang or replace doors that do not swing or operate freely.

B. Finished Doors: Replace doors that are damaged or that do not comply with requirements. Doors may be repaired or refinished if Work complies with requirements and shows no evidence of repair or refinishing.

END OF SECTION

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SECTION 090561 - MOISTURE VAPOR EMISSION CONTROL

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Fluid-applied, resin-based, membrane-forming systems that control the moisture-vapor-emission rate of high-moisture, interior concrete to **receive floor covering. Refer to the Finish Plans for locations."**.

1.2 ALLOWANCES

A. Concrete MVE-control systems are part of Moisture Vapor Emission Control Allowance.

1.3 UNIT PRICES

A. Work of this Section is affected by Moisture Vapor Emission Control Unit Price.

1.4 DEFINITIONS

A. MVE: Moisture vapor emission.

B. MVER: Moisture vapor emission rate.

1.5 ACTION SUBMITTALS

A. Product Data: for each type of product.

B. Sustainable Design Submittals: Submit documentation for applicable categories based upon requirements of Section 018113 Sustainable Design Requirements:

1. Product Data: for paints and coatings indicating compliance with General Emissions evaluation and VOC content requirements.

1.6 INFORMATIONAL SUBMITTALS

A. Qualification Data: for Installer.

B. Product Test Reports: for each MVE-control system, for tests performed by a qualified testing agency.

C. Field quality-control reports.

1.7 QUALITY ASSURANCE

A. Manufacturer Qualifications: Employs factory-trained personnel who are available for consultation and Project-site inspection.

B. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating directions for storage and mixing with other components.

1.9 FIELD CONDITIONS

A. Environmental Limitations: Comply with MVE-control system manufacturer's written instructions for substrate and ambient temperatures, humidity, ventilation, and other conditions affecting system installation.

1. Maintain ambient temperature and relative humidity in installation areas within range recommended in writing by MVE-control system manufacturer, but not less than 65 deg F or more than 85 deg F and not less than 40 or more than 60 percent relative humidity, for 48 hours before installation, during installation, and for 48 hours after installation unless longer period is recommended in writing by manufacturer.
2. Install MVE-control systems where concrete surface temperatures will remain a minimum of 5 deg F higher than the dew point for ambient temperature and relative humidity conditions in installation areas for 48 hours before installation, during installation, and for 48 hours after installation unless longer period is recommended in writing by manufacturer.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. MVE-Control System Capabilities: Capable of suppressing MVE without failure where installed on concrete that exhibits the following conditions:

1. MVER: Maximum 15 lb of water/1000 sq. ft. when tested according to ASTM F1869.
2. Relative Humidity: Maximum 100 percent when tested according to ASTM F2170 using in situ probes.

B. Water-Vapor Transmission: Through MVE-control system, maximum 0.06 perm when tested according to ASTM E96/E96M.

C. Tensile Bond Strength: for MVE-control system, greater than 200 psi with failure in the concrete according to ASTM D7234.

2.2 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Field applied interior paints and coatings.
3. Low-Emitting Materials: Flooring.
4. Building Product Disclosure and Optimization Documentation, where available for proposed products.

2.3 MVE-CONTROL SYSTEM

A. Products: Subject to compliance with requirements, provide one of the following:

1. ARDEX Americas; ARDEX MC™ RAPID One-Coat Moisture Control System for Concrete to Receive ARDEX Products.
2. Custom Building Products; CustomTech™ TechMVC™ 100% Solids Epoxy Moisture Vapor Control.
3. KOSTER American Corporation; VAP I 2000 UFS.
4. LATICRETE SUPERCAP, LLC; Supercap Moisture Vapor Control.
5. MAPEI Corporation; Planiseal VS.

B. MVE-Control System: ASTM F3010-qualified, fluid-applied, two-component, epoxy-resin, membrane-forming system; formulated for application on concrete substrates to reduce MVER to level required for installation of floor coverings indicated and acceptable to manufacturers of floor covering products indicated, including adhesives.

1. Substrate Primer: Provide MVE-control system manufacturer's concrete-substrate primer if required for system indicated by substrate conditions.
2. Cementitious Underlayment Primer: If required for subsequent installation of cementitious underlayment products, provide MVE-control system manufacturer's primer to ensure adhesion of products to MVE-control system.

2.4 ACCESSORIES

A. Patching and Leveling Material: Moisture-, mildew-, and alkali-resistant product recommended in writing by MVE-control system manufacturer and with minimum of 3000-psi compressive strength after 28 days when tested according to ASTM C109/C109M.

B. Crack-Filling Material: Resin-based material recommended in writing by MVE-control system manufacturer for sealing concrete substrate crack repair.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for maximum moisture content, installation tolerances, and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

1. Installation of system indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Preinstallation Testing:

1. Testing Agency: Engage a qualified testing agency to perform tests.
2. Alkalinity Testing: Perform pH testing according to ASTM F710. Install MVE-control system in areas where pH readings are less than 7.0 and in areas where pH readings are greater than 8.5.
3. Moisture Testing: Perform tests so that each test area does not exceed 200 sq. ft. and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.

a. Internal Relative Humidity Test: Using in situ probes, ASTM F2170. Install MVE-control system in locations where concrete substrates exhibit relative humidity level greater than 75 percent.

4. Tensile-Bond-Strength Testing: for typical locations indicated to receive installation of MVE-control system, install minimum 100-sq. ft. area of MVE-control system to prepared concrete substrate and test according to ASTM D7234.

a. Proceed with installation only where tensile bond strength is greater than 200 psi with failure in the concrete.

B. Concrete Substrates: Prepare and clean substrates according to MVE-control system manufacturer's written instructions to ensure adhesion of system to concrete.

1. Remove coatings and other substances that are incompatible with MVE-control system and that contain soap, wax, oil, or silicone, using mechanical methods recommended in writing by MVE-control system manufacturer. Do not use solvents.
2. Provide concrete surface profile complying with ICRI 310.2R CSP 3 by shot blasting using apparatus that abrades the concrete surface with shot, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.
3. After shot blasting, repair damaged and deteriorated concrete according to MVE-control system manufacturer's written instructions.
4. Protect substrate voids and joints to prevent resins from flowing into or leaking through them.
5. Fill surface depressions and irregularities with patching and leveling material.
6. Fill surface cracks, grooves, control joints, and other nonmoving joints with crack-filling material.
7. Allow concrete to dry, undisturbed, for period recommended in writing by MVE-control system manufacturer after surface preparation, but not less than 24 hours.
8. Before installing MVE-control systems, broom sweep and vacuum prepared concrete.

C. Protect walls, floor openings, electrical openings, door frames, and other obstructions during installation.

3.3 INSTALLATION

A. Install MVE-control system according to ASTM F3010 and manufacturer's written instructions to produce a uniform, monolithic surface free of surface deficiencies such as pin holes, fish eyes, and voids.

1. Install primers as required to comply with manufacturer's written instructions.

B. Do not apply MVE-control system across substrate expansion, isolation, and other moving joints.

C. Apply system, including component coats if any, in thickness recommended in writing by MVE-control system manufacturer for MVER indicated by preinstallation testing.

D. Cure MVE-control system components according to manufacturer's written instructions. Prevent contamination or other damage during installation and curing processes.

E. After curing, examine MVE-control system for surface deficiencies. Repair surface deficiencies according to manufacturer's written instructions.

3.4 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform installation inspections.

B. Installation Inspections: Inspect substrate preparation and installation of system components to ensure compliance with manufacturer's written instructions and to ensure that a complete MVE-control system is installed without deficiencies.

1. Verify that surface preparation meets requirements.
2. Verify that component coats and complete MVE-control-system film thicknesses comply with manufacturer's written instructions.
3. Verify that MVE-control-system components and installation areas that evidence deficiencies are repaired according to manufacturer's written instructions.

C. MVE-control system will be considered defective if it does not pass inspections.

3.5 PROTECTION

A. Protect MVE-control system from damage, wear, dirt, dust, and other contaminants before floor covering installation. Use protective methods and materials, including temporary coverings, recommended in writing by MVE-control system manufacturer.

B. Do not allow subsequent preinstallation examination and testing for floor covering installation to damage, puncture, or otherwise compromise the MVE-control system membrane.

END OF SECTION

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SECTION 092900 - GYPSUM BOARD

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Interior gypsum board.
2. Tile backing panels.
3. Sound attenuation blankets.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

1.3 QUALITY ASSURANCE

A. Fire-Resistance-Rated Assemblies: For fire-resistance-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.

B. STC-Rated Assemblies: For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 "Sustainable Design Requirements," including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Walls.
3. Low-Emitting Materials: Ceilings.

2.2 INTERIOR GYPSUM BOARD

A. General: Complying with ASTM C 36/C 36M or ASTM C 1396/C 1396M, as applicable to type of gypsum board indicated and whichever is more stringent.

B. Gypsum Wallboard: ASTM C 1396/C 1396M.

1. Thickness: 5/8 inch.
2. Long Edges: Tapered.

C. Type X:

1. Thickness: 5/8 inch.

2. Long Edges: Tapered.

D. Abuse-Resistant Gypsum Board: ASTM C1396/C1396M gypsum board, tested according to ASTM C1629/C1629M.

1. Core: 5/8-inch, Type X.
2. Surface Abrasion: ASTM C1629/C1629M, meets or exceeds Level 3 requirements.
3. Indentation: ASTM C1629/C1629M, meets or exceeds Level 1 requirements.
4. Soft-Body Impact: ASTM C1629/C1629M, meets or exceeds Level 2 requirements.
5. Long Edges: Tapered.
6.

2.3 SPECIALTY GYPSUM BOARD

A. Glass-Mat Interior Gypsum Board ("Paperless"): ASTM C1658/C1658M. With fiberglass mat laminated to both sides. Specifically designed for interior use.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. Georgia-Pacific Gypsum LLC.
b. Gold Bond Building Products, LLC provided by National Gypsum Company.
c. PABCO Gypsum.
d. USG Corporation.

2. Core: 5/8 inch (15.9 mm), Type X.
3. Long Edges: Tapered.
4. Mold Resistance: ASTM D3273, score of 10 as rated according to ASTM D3274.
5. Application: **All 1st floor locations from slab to rated lid** and where required to comply with FEMA Technical Bulletin #2.

2.4 TILE BACKING PANELS

A. Cementitious Backer Units: ANSI A118.9 and ASTM C1288 or ASTM C1325, with manufacturer's standard edges.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to the following:

a. CertainTeed Corporation; FiberCement BackerBoard.
b. National Gypsum Company; PermaBase® Cement Board.
c. USG Corporation; USG Durock® Brand Cement Board.

2. Thickness: 5/8inch.
3. Mold Resistance: ASTM D3273, score of 10 as rated according to ASTM D3274.

2.5 TRIM ACCESSORIES

A. Interior Trim: ASTM C 1047.

1. Material: Galvanized or aluminum-coated steel sheet, rolled zinc, plastic, or paper-faced galvanized steel sheet.
2. Shapes:

a. Cornerbead.
b. LC-Bead: J-shaped; exposed long flange receives joint compound.

2.6 JOINT TREATMENT MATERIALS

A. General: Comply with ASTM C 475/C 475M.

B. Joint Tape:

1. Interior Gypsum Wallboard: Paper.
2. Paperless Gypsum Board and Tile Backing Panels: As recommended by panel manufacturer.

C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.

1. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use setting-type taping compound.

a. Use setting-type compound for installing paper-faced metal trim accessories.

3. Fill Coat: For second coat, use drying-type, all-purpose compound.
4. Finish Coat: For third coat, use drying-type, all-purpose compound.

2.7 AUXILIARY MATERIALS

A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.

B. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.

1. For fastening cementitious backer units, use screws of type and size recommended by panel manufacturer.

C. Resilient Furring Channels: Steel sheet members designed to reduce sound transmission.

1. Product: ClarkDietrich, RC Deluxe (RCSD).
2. Configuration: Single leg.

D. Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool.

1. Fire-Resistance-Rated Assemblies: Comply with mineral-fiber requirements of assembly.

E. Mineral-Wool Blanket Insulation: ASTM C665, Type I (blankets without membrane facing); consisting of fibers; passing ASTM E136 for combustion characteristics.

1. Flame-Spread Index: Not more than 25 when tested in accordance with ASTM E84.
2. Smoke-Developed Index: Not more than 50 when tested in accordance with ASTM E84.
3. Labeling: Provide identification of mark indicating R-value of each piece of insulation 12 inches and wider in width.
4. Application: Provide where indicated on the Drawings.

F. Acoustical Sealant: As specified in Division 07 Section "Joint Sealants."

PART 3 - EXECUTION

3.1 APPLYING AND FINISHING PANELS, GENERAL

A. Comply with ASTM C 840.

B. Examine panels before installation. Reject panels that are wet, moisture damaged, and mold damaged.

C. Isolate perimeter of gypsum board applied to non-load-bearing partitions at structural abutments, except floors. Provide 1/4- to 1/2-inch-wide spaces at these locations, and trim edges with edge trim where edges of panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.

D. Wood Framing: Install gypsum panels over wood framing, with floating internal corner construction. Do not attach gypsum panels across the flat grain of wide-dimension lumber, including floor joists and headers. Float gypsum panels over these members or provide control joints to counteract wood shrinkage.

3.2 APPLYING FRAMING ACCESSORIES

A. Install resilient furring channels over wood framing in locations indicated.

3.3 APPLYING INTERIOR GYPSUM BOARD

A. Install interior gypsum board in the following locations:

1. Abuse-Resistant Type/Moisture- and Mold-Resistant Type: Unconditioned spaces, public spaces, and where indicated.
2. Glass-Mat Interior Gypsum Board: **All 1st floor locations from slab to rated lid** and where required to comply with FEMA Technical Bulletin #2

3.4 INSTALLING TRIM ACCESSORIES

A. General: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.

B. Control Joints: Install control joints according to ASTM C 840 and in specific locations approved by Architect for visual effect.

C. Interior Trim: Install in the following locations:

1. Cornerbead: Use at outside corners.
2. LC-Bead: Use at exposed panel edges.

3.5 FINISHING GYPSUM BOARD

A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.

B. Prefill open joints, rounded or beveled edges, and damaged surface areas.

C. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.

D. Gypsum Board Finish Levels: Finish panels to levels indicated below:

1. Level 1: Ceiling plenum areas, concealed areas, exterior storage closets, and where indicated.
2. Level 4: At panel surfaces that will be exposed to view, unless otherwise indicated.

    a. Primer and its application to surfaces are specified in other Division 09 Sections.

E. Cementitious Backer Units: Finish according to manufacturer's written instructions.

3.6 PROTECTION

A. Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes during remainder of the construction period.

B. Remove and replace panels that are wet, moisture damaged, and mold damaged.

1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

END OF SECTION

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SECTION 096519 - RESILIENT TILE FLOORING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Solid vinyl floor tile (LVT).
2. Rubber floor tile.
3. **Acoustic underlayment.**

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Shop Drawings: For each type of resilient floor tile.

1. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
2. Show details of special patterns.

D. Samples for Verification: Full-size units of each color and pattern of floor tile required.

E. Product Schedule: For floor tile. Use same designations indicated on Drawings.

1.3 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.4 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Floor Tile: Furnish one box for every 50 boxes or fraction thereof, of each type, color, and pattern of floor tile installed.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are competent in techniques required by manufacturer for floor tile installation and seaming method indicated.

1. Engage an installer who employs workers for this Project who are trained or certified by floor tile manufacturer for installation techniques required.

B. Mockups: Build in-place mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Coordinate mockups in this Section with mockups specified in other Sections.

a. Size: Minimum 100 sq. ft. for each type, color, and pattern **in mutually agreed locations that do not interfere with the Project work flow.**

2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F. Store floor tiles on flat surfaces.

1.7 FIELD CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive floor tile during the following periods:

1. 48 hours before installation.
2. During installation.
3. 48 hours after installation.

B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.

C. Close spaces to traffic during floor tile installation.

D. Close spaces to traffic for 48 hours after floor tile installation.

E. Install floor tile after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 “Sustainable Design Requirements,” including the following:

1. Low-Emitting Materials: Adhesives and Sealants.
2. Low-Emitting Materials: Flooring.
3. Certified Flooring Products - SCS Floorscore.

2.2 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: For resilient floor tile, as determined by testing identical products according to ASTM E648 or NFPA 253 by a qualified testing agency.

1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

2.3 MANUFACTURERS

A. Basis-of-Design Product: Subject to compliance with requirements, provide products by one of the following comparable to scheduled product if any, including scheduled color selections:

1. Armstrong Flooring, Inc.
2. Mannington Commercial.
3. Patcraft; a division of Shaw Industries, Inc.
4. Shaw Contract Group.
5. Tarkett North America.

2.4 SOLID VINYL FLOOR TILE (LVT)

A. Tile Standard: ASTM F1700.

1. Class: Class III, Printed Film Vinyl Tile.
2. Type: B, Embossed Surface.

B. Thickness: 0.125 inch.

C. Size: As indicated on Drawings.

D. Colors and Patterns: As scheduled on Drawings.

2.5 RUBBER FLOOR TILE

A. Basis-of-Design Product: Subject to compliance with requirements, provide products by one of the following comparable to scheduled product if any, including scheduled color selections:

1. Flexco.
2. Mannington Commercial.
3. Mannington Mills, Inc.
4. Nora Systems, Inc.
5. Tarkett North America.

B. Tile Standard: ASTM F1344, Class I-A, Homogeneous Rubber Tile, solid color.

C. Hardness: Match basis of design product.

D. Wearing Surface: Molded pattern.

1. Molded-Pattern Figure: As scheduled, or if not scheduled, as selected by Architect.

E. Thickness: 0.125 inch.

F. Size: As indicated on Drawings.

G. Colors and Patterns: As scheduled on Drawings.

2.6 **ACOUSTIC UNDERLAYMENT**

A. Provide FloorScore-certified 3/8-inch-thick acoustic sound control mat for upper floor flooring assemblies installed below LVT.

B. Manufacturers and Products: Acceptable products include:

1. Pliteq GenieMat RST10.
2. Kinetics Isolayment QT-F10.

2.7 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated.

C. Adhesives, High Moisture: Water-resistant high-moisture type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions.

1. Use adhesives approved by tile flooring manufacturer for installation on floor slabs with up to 7 lb. of vapor pressure, relative humidity of up to 90 percent, and pH up to 10.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.

1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor tile.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Prepare substrates according to floor tile manufacturer's written instructions to ensure adhesion of resilient products.

B. Concrete Substrates: Prepare according to ASTM F710.

1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.
3. Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale acceptable to flooring and adhesive manufacturers.

4. Moisture Testing: Perform tests so that each test area does not exceed 1000 sq. ft. and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.

    a. Relative Humidity Test: Using in-situ probes, ASTM F2170. Proceed with installation only after substrates have a maximum relative humidity level measurement acceptable to flooring and adhesive manufacturers.

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install floor tiles until materials are the same temperature as space where they are to be installed.

1. At least 48 hours in advance of installation, move resilient floor tile and installation materials into spaces where they will be installed.

E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

3.3 ACOUSTIC UNDERLAYMENT INSTALLATION

A. **Install acoustic underlayment in the locations indicated and according to the approved manufacturer's installation instructions**.

3.4 FLOOR TILE INSTALLATION

A. Comply with manufacturer's written instructions for installing floor tile.

B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.

1. Lay tiles in pattern indicated.

C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.

1. Lay tiles in pattern of colors and sizes indicated.

D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.

E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.

F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.

G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in installation areas. Maintain overall continuity of color and pattern between pieces

of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.

H. Adhere floor tiles to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

3.5 CLEANING

A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.

B. Perform the following operations immediately after completing floor tile installation:

1. Remove adhesive and other blemishes from surfaces.
2. Sweep and vacuum surfaces thoroughly.
3. Damp-mop surfaces to remove marks and soil.

3.6 PROTECTION OF TILE

A. Protect floor tile from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

1. Cover floor tile until Substantial Completion.

END OF SECTION

SECTION 32 23 19
METAL SECURITY GATES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section Includes:

1. Horizontal-slide gate.

2. Gate operators, including controls.

1.03 REFERENCES:

A. ASTM F 2200 – Standard Specification for Automated Vehicular Gate Construction.

B. ASTM F 1184 – Standard Specification for Industrial and Commercial Horizontal Slide Gates, Type II, Class 2.

C. American Welding Society AWS D1.2 Structural Welding Code.

D. American Society of Civil Engineers – ASCE-7 Wind Load Requirements.

1.04 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference prior to construction.

1.05 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For gates and operators.

1. Include plans, elevations, sections, gate locations, post spacing, and mounting, attachment details, and grounding details.

2. Gate Operator: Show locations and details for installing operator components, switches, and controls. Indicate motor size, electrical characteristics, drive arrangement, mounting, and grounding provisions.

3. Wiring Diagrams: Include diagrams for power, signal, and control wiring.

C. Samples: For each gate material and for each color specified.

1. Provide Samples 12 inches in length for linear materials.

1.06 CLOSEOUT SUBMITTALS

A. Maintenance Data: For gate operators to include in maintenance manuals.

1.07 WARRANTY:

A. The Tymetal Structural Cantilever Slide Gate shall be warranted against manufacturing defects by the manufacturer for a period of (1) one year from the date of sale. The truck assembly shall be warranted against manufacturing defects by the manufacturer for a period of (5) five years from date of sale.

PART 2 PRODUCTS

2.01 HORIZONTAL-SLIDE GATES

A. Gate Configuration:

1. Type: Cantilever slide, as indicated in drawings.

B. Gate Dimensions: As indicated in the drawings.

C. Automated vehicular gates shall comply with ASTM F2200.

D. Gate Frame:

1. The gate frame shall be fabricated from 6063-T6 aluminum alloy extrusions. The top member shall be a 3" x 5" (76mm x 127mm) aluminum structural channel/tube extrusion weighing not less than 3.0 lb/lf (4.4kg/m). To maintain structural integrity this frame member shall be "keyed" to interlock with the “keyed” track member. The bottom member shall be one of the following, as determined by manufacturer:

a. A 2” x 5” (51mm x 127mm) aluminum structural tube weighing not less than. 2.0lb/lf (2.9 kg/m)

b. A 5” (127mm) heavy duty aluminum structural channel weighing not less than 3.1lb/lf (4.6 kg/m)

c. A 6” (152mm) aluminum structural channel weighing not less than 4.0lb/lf (6.0kg/m)

E. Vertical Members:

1. The vertical members at the ends of the opening portion of the frame shall be 2” x 3” (51mm x 76mm) in the cross section weighing not less than 1.4 lb/lf (2.1kg/m). The major vertical members separating each bay shall be 2” x 3” (51mm x 76mm) in the cross section weighing not less than 1.4lb/lf (2.1kg/m), with intermediate verticals being 1” x 2” (25mm x 51mm) in cross section weighing not less than .82 lb/lf (1.2kg/m).

F. Gate Track:

1. The gate frame shall have separate semi-enclosed “keyed” tracks, extruded from 6005AT61 or 6105-T5 aluminum alloy, weighing not less than 2.9 lb/lf. Track members are to be located on each side of the top member. When interlocked and welded to the “keyed” top member, it forms a composite structure with the top of the gate frame. Welds are to be placed alternately along the top and side of the track at 9" (229mm) centers with welds being a minimum of 2"(51mm) long.

G. All welds on the gate frame shall conform to Welding Procedure Specification and Procedure Qualification Record to ensure conformance to the AWS D1.2 Structural Welding Code. All individual welders shall be certified to AWS D1.2 welding code. See 1.02 D. Infill: Comply with requirements for adjacent fence.

H. Gate Mounting:

1. The gate frame is to be supported from the track by four (4) swivel type, self-aligning, 4-wheeled or 8-wheeled (determined by manufacturer), sealed lubricant, ball-bearing truck assemblies.

2. The bottom of each support post shall have a bracket equipped with a pair of 3” (76mm) UHMW guide wheels Wheel cover protectors shall be included with bottom guides to comply with UL325.

3. Gap protectors shall be provided and installed, compliant with ASTM F 2200.

I. Diagonal "X" bracing of 1/4” diameter galvanized steel cable shall be installed throughout the entire gate frame.

J. The gate shall be completed by installation of approved filler as specified.

1. U-channel and slat system, weight not to exceed 3.5lb/sq ft (17kg/sq m).

2.02 POSTS:

A. Double sets of support posts shall be 4" O.D. (102mm) or 6-5/8” O.D (168mm) round SS40 (determined by manufacturer). Square posts may be substituted with manufacturer approval. Gate posts shall be galvanized or coated and supported in concrete footings as specified by the design team.

2.03 FINISH:

A. Gate frame to be mill finish aluminum or color coated with polyester powder as specified. If powder coated, the gate (including track member) and all accessories shall be pretreated chemically by sand blasting or other acceptable method to ensure proper coating adherence.

2.04 GATE MANUFACTURER:

A. Manufacturer:

Fence Trac

(918)521-1320
tony@fencetrac.com
tony@fencetrac.com

2.05 GATE OPERATORS

A. Gate Operators: SL-100DC

B. Operation system: Remote control.

C. Provide factory-assembled automatic operating system designed for gate size, type, weight, and operation frequency. Provide operation control system with characteristics suitable for Project conditions, with remote-control stations, safety devices, and weatherproof enclosures; coordinate electrical requirements with building electrical system.

1. Provide operator designed so motor may be removed without disturbing limit-switch adjustment and without affecting auxiliary emergency operator.

D. Emergency Access Requirements: Comply with requirements of authorities having jurisdiction for automatic gate operators on gates that must provide emergency access.

E. Manufacturer:

ALL-O-METIC
Website: https://allomatic.net/

2.06 MISCELLANEOUS MATERIALS

A. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.

B. Nonshrink Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C1107/C1107M and specifically recommended by manufacturer for exterior applications.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, pavement work, construction layout, and other conditions affecting performance of the Work.

B. Do not begin installation before final grading is completed unless otherwise permitted by Architect.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Stake locations of fence lines, gates, and terminal posts. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

1. Construction layout and field engineering are specified in Section 017300 "Execution."

3.03 GATE INSTALLATION

A. Install gates according to manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach hardware using tamper-resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.

3.04 GATE OPERATOR INSTALLATION

A. General: Install gate operators according to manufacturer's written instructions, aligned and true to fence line and grade.

3.05 ADJUSTING

A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.

B. Automatic Gate Operators: Energize circuits to electrical equipment and devices. Adjust operators, controls, safety devices, and limit switches.

1. Hydraulic Operators: Purge operating system, adjust pressure and fluid levels, and check for leaks.

2. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation.

3. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

4. Lubricate hardware, gate operators, and other moving parts.

3.06 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's personnel to adjust, operate, and maintain gates.

END OF SECTION 32 23 19

SECTION 113100 - RESIDENTIAL APPLIANCES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Cooking appliances.
2. Refrigeration appliances.
3. Cleaning appliances.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Sustainable Design Submittals: Submit verification of compliance with sustainability requirements categories listed in Part 2 in accordance with Section 018113.

C. Samples: For each exposed product and for each color and texture.

D. Product certificates.

E. Field quality-control reports.

F. Warranties: Sample of special warranties.

G. Operation and maintenance data.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: An employer of workers trained and approved by manufacturer for installation and maintenance of units required for this Project.

B. Sole Source: Provide residential appliances purchased through a single supplier capable of providing manufacturer-authorized warranty service for all units.

1.4 WARRANTY

A. Special Warranties: Manufacturer's standard form in which manufacturer agrees to repair or replace residential appliances or components that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Three years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Electrical Appliances: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

B. Gas-Fueled Appliances: Not applicable.

C. Accessibility: Where residential appliances are indicated to comply with accessibility requirements, comply with applicable provisions in the DOJ's 2010 ADA Standards for Accessible Design and ICC A117.1.

2.2 SUSTAINABILITY REQUIREMENTS

A. Sustainability Requirements: Comply with the requirements for material selection categories applicable to Project as indicated in Section 018113 “Sustainable Design Requirements,” including the following:

1. ENERGY STAR: Comply with requirements for ENERGY STAR product labeling where indicated.

2.3 MANUFACTURERS

A. Basis-of-Design Product: Provide products indicated in Schedule on Drawings or comparable products by one of the following:

1. **Frigidaire.**
2. General Electric Appliances.
3. LG Appliances.
4. Maytag; a division of Whirlpool Corporation.
5. Whirlpool Corporation.

B. Comparable products will be evaluated on the salient characteristics, including, but not limited to, the following;

1. Dimensions, especially where appliances must fit cabinetry or adjacent construction.
2. Material and finish.
3. Appearance, especially where appliances are used in same room.
4. Capacity.
5. Functionality, ease of use, and durability.
6. Power requirements.
7. Plumbing requirements.
8. Compliance with energy and water conservation standards.
9. Compliance with accessibility standards.

2.4 APPLIANCES: Refer to Schedule on Drawings:

A. Refrigerator/Freezer, Top Freezer: Energy Star certified.

B. Refrigerator/Freezer, Bottom Freezer, ADA: Energy Star certified.

C. Refrigerator/Freezer, French Door: Energy Star certified.

D. Electric Range.

E. Electric Range, ADA.

F. Range Hood: Venting.

G. Range Hood, ADA: Venting. ADA controls kit.

H. Clothes Washer: Stacking. Energy Star certified.

I. Clothes Washer, ADA: Front Load. Energy Star certified.

J. Clothes Dryer, Electric: Stacking.

K. Clothes Dryer, Electric, ADA: Front Load.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Built-in Equipment: Securely anchor units to supporting cabinets or countertops with concealed fasteners. Verify that clearances are adequate for proper functioning and that rough openings are completely concealed.

B. Freestanding Equipment: Place units in final locations after finishes have been completed in each area. Verify that clearances are adequate to properly operate equipment.

C. Range Anti-Tip Device: Install at each range according to manufacturer's written instructions.

D. Utilities: See Divisions 22 and 26 for plumbing and electrical requirements.

3.2 FIELD QUALITY CONTROL

A. Perform tests and inspections.

1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.

B. Tests and Inspections:

1. Perform visual, mechanical, and electrical inspection and testing for each appliance according to manufacturers' written recommendations. Certify compliance with each manufacturer's appliance-performance parameters.
2. Leak Test: After installation, test for leaks. Repair leaks and retest until no leaks exist.
3. Operational Test: After installation, start units to confirm proper operation.
4. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and components.

C. Prepare test and inspection reports.

END OF SECTION

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SECTION 122413 - ROLLER WINDOW SHADES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Manually operated roller shades with single rollers.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions for roller shades.

B. Shop Drawings: Show fabrication and installation details for roller shades, including shadeband materials, their orientation to rollers, and their seam and batten locations. Indicate required blocking.

C. Samples for Initial Selection: For each type and color of shadeband material.

1. Include Samples of accessories involving color selection.

D. Samples for Verification: For each type of roller shade.

1. Shadeband Material: Not less than 10 inches square. Mark inside face of material if applicable.
2. Roller Shade: Full-size operating unit, not less than 16 inches wide by 36 inches long for each type of roller shade indicated.
3. Installation Accessories: Full-size unit, not less than 10 inches long.

E. Roller-Shade Schedule: Use same designations indicated on Drawings.

1.3 CLOSEOUT SUBMITTALS

A. Maintenance Data: For roller shades to include in maintenance manuals.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: Fabricator of products.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver roller shades in factory packages, marked with manufacturer, product name, and location of installation using same designations indicated on Drawings.

1.6 FIELD CONDITIONS

A. Environmental Limitations: Do not install roller shades until construction and finish work in spaces, including painting, is complete and dry and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

B. Field Measurements: Where roller shades are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operating hardware of operable glazed units through entire operating range. Notify Architect of installation conditions that vary from Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis-of-Design Product: Subject to compliance with requirements, **provide Draper FlexStyle Cassette UpLift, Square cassette with E Screen 1% fabric,** or comparable products by one of the following:

1. Hunter Douglas Contract.
2. Lutron Electronics Co., Inc.
3. MechoShade Systems, Inc.

B. Source Limitations: Obtain roller shades from single source from single manufacturer.

2.2 MANUALLY OPERATED SHADES WITH SINGLE ROLLERS

A. Chain-and-Clutch Operating Mechanisms: With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.

1. Bead Chains: Manufacturer's standard meeting WCMA A 100.1.

a. Loop Length: Full length of roller shade.
b. Limit Stops: Provide upper and lower ball stops.
c. Chain-Retainer Type: Chain tensioner, jamb mounted.

2. Spring Lift-Assist Mechanisms: Manufacturer's standard for balancing roller-shade weight and lifting heavy roller shades.

a. Provide for shadebands that weigh more than 10 lb or for shades as recommended by manufacturer, whichever criteria are more stringent.

B. Rollers: Corrosion-resistant steel or extruded-aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.

1. Roller Drive-End Location: Right side of inside face of shade.
2. Direction of Shadeband Roll: Regular, from back of roller.
3. Shadeband-to-Roller Attachment: Manufacturer's standard method.

C. Mounting Hardware: Brackets or endcaps, corrosion resistant and compatible with roller assembly, operating mechanism, installation accessories, and mounting location and conditions indicated.

D. Roller-Coupling Assemblies: Coordinated with operating mechanism and designed to join up to three inline rollers into a multiband shade that is operated by one roller drive-end assembly.

2.3 SHADEBAND MATERIAL

A. Shadeband Material: Light-filtering fabric.

1. Shadeband Bottom (Hem) Bar: Steel or extruded aluminum.

a. Type: Enclosed in sealed pocket of shadeband material.
b. Color and Finish: As selected by Architect from manufacturer's full range.

B. Installation Accessories:

1. Front Fascia: Aluminum extrusion that conceals front and underside of roller and operating mechanism and attaches to roller endcaps without exposed fasteners.

a. Shape: L-shaped.
b. Height: Manufacturer's standard height required to conceal roller and shadeband when shade is fully open, but not less than 3 inches.

2. Endcap Covers.
3. Installation Accessories Color and Finish: As selected from manufacturer's full range.

2.4 SHADEBAND MATERIALS

A. Shadeband Material Flame-Resistance Rating: Comply with NFPA 701. Testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

B. Light-Filtering Fabric: Woven fabric, stain and fade resistant. **Refer to the Drawings for basis of design selection.**

2.5 ROLLER-SHADE FABRICATION

A. Product Safety Standard: Fabricate roller shades to comply with WCMA A 100.1, including requirements for flexible, chain-loop devices; lead content of components; and warning labels.

B. Unit Sizes: Fabricate units in sizes to fill window and other openings as follows, measured at 74 deg F:

1. Outside of Jamb Installation: Width and length as indicated, with terminations between shades of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.

C. Shadeband Fabrication: Fabricate shadebands without battens or seams to extent possible except as follows:

1. Vertical Shades: Where width-to-length ratio of shadeband is equal to or greater than 1:4, provide battens and seams at uniform spacings along shadeband length to ensure shadeband tracking and alignment through its full range of movement without distortion of the material.
2. Railroaded Materials: Railroad material where material roll width is less than the required width of shadeband and where indicated. Provide battens and seams as required by railroaded material to produce shadebands with full roll-width panel(s) plus, if required, one partial roll-width panel located at top of shadeband.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 ROLLER-SHADE INSTALLATION

A. Install roller shades level, plumb, and aligned with adjacent units according to manufacturer's written instructions.

3.3 ADJUSTING

A. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

3.4 CLEANING AND PROTECTION

A. Clean roller-shade surfaces after installation, according to manufacturer's written instructions.

B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer that ensure that roller shades are without damage or deterioration at time of Substantial Completion.

C. Replace damaged roller shades that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

END OF SECTION

SECTION 123661 - SIMULATED STONE COUNTERTOPS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Solid-surface-material countertops and backsplashes.
2. Quartz agglomerate countertops and backsplashes.

1.2 ACTION SUBMITTALS

A. Product Data: For countertop materials.

B. Shop Drawings: For countertops. Show materials, finishes, edge and backsplash profiles, methods of joining, and cutouts for plumbing fixtures.

C. Samples: For each type of material exposed to view.

PART 2 - PRODUCTS

2.1 QUARTZ AGGLOMERATE COUNTERTOPS

A. Configuration: Provide countertops with the following front and backsplash style:

1. Front: Profile indicated on Drawings.
2. Backsplash: Straight, slightly eased at corner.
3. Endsplash: Matching backsplash.

B. Countertops: Quartz agglomerate with front edge built up with same material. **Thickness as indicated on the Drawings.**

C. Backsplashes: **Quartz agglomerate, thickness as indicated on the Drawings.**

2.2 SOLID-SURFACE-MATERIAL COUNTERTOPS

A. Configuration: Provide countertops with the following front and backsplash style:

1. Front: Profile indicated on Drawings.
2. Backsplash: Straight, slightly eased at corner.
3. Endsplash: Matching backsplash.

B. Countertops: Solid surface material with front edge built up with same material. **Thickness as indicated on the Drawings.**

C. Backsplashes: Solid surface material. **Thickness as indicated on the Drawings.**

D. Fabrication: Fabricate tops in one piece with shop-applied edges and backsplashes unless otherwise indicated. Comply with solid-surface-material manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.

1. Fabricate with loose backsplashes for field assembly.

2.3 COUNTERTOP MATERIALS

A. Plywood: **Marine grade plywood specified in Section 061600 "Sheathing."**

B. Adhesives: Adhesives shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

C. Quartz Agglomerate: Solid sheets consisting of quartz aggregates bound together with a matrix of filled plastic resin and complying with the "Physical Characteristics of Materials" Article of ANSI SS1.

1. Colors and Patterns: Provide scheduled products.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Fasten countertops by screwing through corner blocks of base units into underside of countertop. Align adjacent surfaces and, using adhesive in color to match countertop, form seams to comply with manufacturer's written instructions. Carefully dress joints smooth, remove surface scratches, and clean entire surface.

END OF SECTION

SECTION 131100 – SWIMMING POOL AND EQUIPMENT

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes: Engineering and design, products, labor and equipment for shotcrete concrete over reinforced concrete substructure.

1. Swimming pool, related pool accessories, pool equipment, pool lighting.
2. Engineering and design required for approval by local authorities having jurisdiction and permit for pool construction.
3. Stainless steel walls and floor.
4. Ceramic tile on walls and floor.
5. Precast concrete coping.
6. Ceramic tile depth and step markings.
7. Ceramic tile water line tiles.
8. Drains and piping for pool water operating system.
9. Pumps, meters and other equipment for pool water conditioning and operating system.
10. Gas fired heater for pool.
11. Underwater pool lighting.
12. Accessible lift equipment and deck sleeve.
13. Safety and maintenance equipment for pool operations.
14. Signage to comply with local requirements.
15. Pool chemicals and pool start-up.
16. Final testing and demonstration to Owner.

B. Related Sections:

1. Section 033009 - Cast-In-Place Concrete: Reinforced concrete substructure. Concrete and reinforcing steel.
2. Section 221116 "Domestic Water Piping" for water supply piping to pool system.
3. Section 221316 "Sanitary Waste Piping" for deck and pool drain piping.
4. Section 221319 "Sanitary Waste Piping Specialties" for deck and pool drains.
5. Division 26 – Electrical Sections: Power and control wiring, grounding, and bonding for electrical systems for pool equipment and accessories.

1.2 REFERENCES

A. American National Standards Institute (ANSI):

1. A108/A118/A136.1 - American National Standard for Installation of Ceramic Tile.

B. American National Standards Institute/National Spa and Pool Institute (ANSI/NSPI):

1. ANSI/NSPI 1- American National Standard for Public Swimming Pools.

C. American National Standards Institute/American Society of Mechanical Engineers (ANSI/ASME):

1. A112.19.8 - Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs, Includes Addenda A.

D. American Welding Society (AWS):

1. D1.1 - Structural Welding Code - Steel.
2. D1.6 - Structural Welding Code - Stainless Steel.

E. ASTM International (ASTM):

1. ASTM A36/A36M - Standard Specification for Carbon Structural Steel.D1784 - Standard Specification for Rigid Polyvinyl Chloride (PVC) Compounds and Chlorinated Polyvinyl Chloride (CPVC) Compounds.
2. ASTM D1785 - Standard Specification for Polyvinyl Chloride (PVC) Plastic Pipe, Schedules 40, 80, and 120.
3. ASTM D2564 - Standard Specification for Solvent Cements for Polyvinyl Chloride (PVC) Plastic Piping Systems.
4. ASTM D2855 - Standard Practice for Making Solvent-Cemented Joints with Polyvinyl Chloride (PVC) Pipe and Fittings.

F. International Association of Plumbing and Mechanical Officials (IAPMO).

G. National Fire Protection Association (NFPA):

1. NFPA 70 - National Electric Code.

H. National Sanitary Foundation/American National Standards Institute (NSF/ANSI)

1. Standard 50 - Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs.

1.3 ACTION SUBMITTALS

A. Product Data: Include rated capacities, operating characteristics, furnished specialties, and accessories, including the following:

1. Engineering calculations and pump performance data.
2. Electrical characteristics of pumps and equipment.
3. Manufacturer’s brochure and cut sheets with technical information and operating instructions for all equipment, fittings, valves and accessories.
4. Installation details and anchorage for pool deck fixtures.

B. Product Data: Manufacturer’s descriptive data for:

1. Piping.
2. Filters.
3. Pumps and strainers.
4. Heaters.
5. Chemical controller.
6. Valves.
7. Gauges, thermometers, and pressure meters.
8. Inlets and gratings.

C. Samples: Submit samples of each type of ceramic tile for floor and wall finishes, step marker tiles, depth markers and water line tile.

D. Shop Drawings: Indicate pool layout and configuration, pool cross sections, lighting locations, equipment locations, dimensions, details of assembly, anchors, rails, ladders, piping sizes and locations, utility rough-in locations, pool and deck equipment locations, tile marking locations.

1. Wiring Diagrams: Power, signal, and control wiring.

E. Delegated Design: For products specified by performance criteria only, document conformance with design calculations or past performance records with list of previous installations and contact information.

1. Shop Drawings shall be signed and sealed by Professional Engineer licensed in the State in which the Project is located.

1.4 INFORMATIONAL SUBMITTALS

A. Pool Construction Permit issued by authorities having jurisdiction

B. Product Certificates: For each type of pool pump, signed by product manufacturer.

1. Certificates of Compliance: Submit certification that pool system complies with requirements of applicable codes, ordinances, rules, and regulations, ANSI/NSPI 1, and ANSI/ASME A112.19.8.

C. Qualification Data: For Installer.

D. Source quality-control test reports.

E. Field quality-control test reports.

F. Warranty: Special warranty specified in this Section.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: Submit operating instructions and manufacturer’s data sheets for all equipment. Submit maintenance instructions, maintenance schedules, parts lists and warranty information.

B. Certificates and Final Approvals from State, local Health Department or other authorities having jurisdiction.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved by pool equipment manufacturer for installation of units required for this Project.

1. The Pool Installer shall have been in the business of swimming pool construction for at least ten (10) years and have at least five (5) projects of similar scope and magnitude that were successfully completed and are operational. Submit list of completed projects along with contact names and address with Shop Drawings.
2. The Pool Installer shall be fully licensed in the field of Swimming Pool Construction by the State where the Project is located.
3. The Plaster Installer shall be a member in good standing of the National Plasterer’s Council and follow all approved application guidelines. The specific guidelines shall include, but not necessarily be limited to additives, mixing, applications and finishing. The Certificate of Membership of the NPC or other proof of membership shall be submitted with Shop Drawings.

B. Manufacturer's Installation Instructions: Provide onsite access to special installation procedures, temporary bracing and anchorages.

1.7 COORDINATION

A. Coordinate size and location of concrete bases. Cast anchor-bolt inserts into bases. Concrete, reinforcement, and formwork requirements are specified in Section 033000 "Cast-in-Place Concrete."

1.8 DELIVERY, STORAGE AND HANDLING

A. Store pool system components off ground and protect with waterproof covering.

B. Protect piping and accessories from exposure to ultraviolet and from contact with chemicals that could cause damage or deterioration.

1.9 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of therapy pools that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including shell.
b. Faulty operation of pumps, controls, or accessories.
c. Deterioration of metals, metal finishes, and other materials beyond normal use.

2. Warranty Period for Shells: 5 years from date of Substantial Completion.
3. Warranty Period for Pool Pumps and Controls: 5 years from date of Substantial Completion.
4. Warranty Period for Accessories: 5 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Design pool components under direct supervision of Professional Engineer experienced in design of this Work and licensed in State where the project is located.

B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

C. Regulatory Requirements: Perform work in accordance with applicable codes, ordinances, rules, and regulations.

D. Conform to applicable local code for pools and associated equipment.

E. Conform to NSPI-1 requirements.

F. Circulating Water and Heater Equipment: Conform to applicable code for approval.

G. Products Requiring Electrical Connection: Listed and classified by Underwriters Laboratories Inc., as suitable for purpose specified and indicated.

H. Perform work in accordance with NSPI standards for design and construction.

I. Perform Work in accordance with State and Municipality regulations and standards.

2.2 POOL SHELL

A. Construction:

1. Floor: 7 ga., with channel framing at 12 inches OC., with adhered slip resistant tile finish.
2. Walls: 14 ga., with stiffeners at 12 inches OC., with adhered tile finish.
3. Gutter: 12 ga., welded to pool walls and to 12 ga. gussets at 24 inches OC., and secured to building structure.
4. Handgrip: 1.9 inch OD, at top of wall.

B. Coping: Precast, non-slip texture.

C. Sealant: Polysulfide base, mildew and chlorine resistant, capable of continuous water submersion, color as selected by Architect from the manufacturer’s full color range.

D. Wall and Floor Tiles: Ceramic mosaic, Daltile Keystones, in color selected by Architect from manufacturer's full line.

E. Depth/Step Marking Tiles: Ceramic Tile.

1. Size and locations as required by local codes.
2. Locate on pool deck (inset) and at waterline.
3. Include “No Diving” symbol at each depth.
4. Provide even numbers at every 12” change in depth.
5. Provide 2 x 2 inch step marker tiles continuous at each step.

2.3 EQUIPMENT

A. Water Circulating Pump: Electric unit, sized for pool.

B. Bromine Feeder System:

1. Pool and Spa Control System.
2. Automatic Bromine Feeder, size as required.
3. Load Center.
4. Motorized valve actuators.
5. Water Temperature Sensor.
6. Ambient Air Temperature Sensor.
7. Heater Thermostat.

C. Water Conditioning Filter: Fiberglass, Sand type sized for pool.

1. Size as required.
2. NSF approved.

D. Water Heater: Natural gas fired unit.

1. Digital type.
2. Size required for maintaining temperature of 80° F.
3. ASME labeled.
4. Inline thermometer at inlet and outlet of heater.

E. Underwater Lighting: One white LED fixture.

1. Wet-Niche Swimming Pool Luminaire.
2. Pool niche.
3. Deck Junction Box.
4. Transformer.

F. Treated Water Test Kit.

G. Stair Rail: 2-Bend, Stainless Steel, Marine Grade.

1. S. R. Smith, ADA extended both ends, profile as shown on Drawings.
2. Provide salt pool friendly anchor sockets and escutcheons.

H. Pool Main Drains:

1. Sumpless VGBA Suction Outlet Cover.
2. Number and size as required for pool.

I. Pool Fittings:

1. Skimmer.
2. Automatic Pool Filler.
3. Water Level Controller.
4. Return Fittings.
5. Vacuum Fitting.

J. Safety Equipment:

1. Life Hook: Pentair #153.
2. One Piece 16-foot Pole: Pentair #820-16.
3. Ring Buoy, 24-inch USCG Approved: Water Safety Products, Inc. #720 with 24-foot line.
4. Spine Board: Keifer 16-inch Rescue Spine Board with Head Immobilizer.
5. First Aid Kit: Water Safety Products, Inc. #728-25-Person Aquatics First Aid Kit with Refills.

K. Pool Maintenance Equipment:

1. Curved Brush, 18”: Pentair #902.
2. Algae Brush, 9”: Pentair #709.
3. Hand Skimmer: Pentair #119.
4. Maintenance Pole: Pentair #806-16.
5. Pole Hangers: Pentair #143.
6. Pole Adapters: Pentair #147.
7. Thermometer: 6” with lanyard and tether line.

L. Pool Vacuum Equipment:

1. Vacuum Cleaner Head, 22-inch width: Pentair #222.

2. Vacuum Hose: Pool Pals Master Flex 1.5-inch x 35 foot with Swivel Cuff Vacuum Hose #VH3235.

M. Pool Wall Signage:

1. As directed by Owner. Comply with all local regulations.

N. Accessible Lift: Battery powered.

1. Spectrum Aquatics, Aspen Lift 26010.
2. Control box.
3. Battery charger.
4. 24-volt rechargeable battery.
5. Upgrade pack.

2.4 ELECTRICAL CHARACTERISTICS AND COMPONENTS

A. Electrical Characteristics: In accordance with Electrical Drawings and Sections.

B. Motors: NEMA MG 1.

C. Controls: As required for equipment.

D. Disconnect Switch: Factory mount disconnect switch on equipment.

2.5 ACCESSORIES

A. Fasteners: Stainless steel.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance.

B. Examine roughing-in of supply and drainage piping systems to verify actual locations of piping connections before therapy pool installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION – POOL PANELS

A. Install pool floor and wall panels, gutter, and copings in accordance with approved submittals and applicable regulations.

3.3 INSTALLATION – TILE

A. Tile: Coordinate installation of ceramic tile floor and wall finish, and waterline, step and depth marker tiles with the process of assembly of pool panels.

B. Install depth marker and “No Diving” tiles in waterline tile at 12-inch changes in depth.

C. Install step marker tiles continuous at each step tread.

3.4 INSTALLATION - COMPONENTS AND ACCESSORIES

A. Install operating equipment, piping and fittings.

B. Install lighting and ground fault detection equipment.

C. Install grounding and bonding.

D. Install pool accessories and fittings.

E. Install anchors for rails, accessible lift and deck equipment.

F. Connect all pool water circulating pipe to City Water domestic supply and waste pipes.

3.5 IDENTIFICATION

A. Install identifying labels permanently attached to equipment.

B. Install operating instruction signs permanently attached to equipment or on pumping station wall near equipment.

3.6 STARTUP

A. Start Up: Notify Owner's representative of the need for water and coordinate filling.

B. Filling: Begin filling on completion and inspection of assembly. Filling shall be through the domestic piping in the Pool Equipment Room via the backflow preventer. The pool shall be nominally overfilled to allow for the filter system to be flushed for a minimum of 15 minutes in the rinse mode.

3.7 FIELD QUALITY CONTROL

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections. Report results in writing.

B. Perform tests and inspections and prepare test reports.

1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.

C. Piping Testing:

1. After installation and before covering piping, test to minimum 20 PSI pressure for 12 hours.
2. If necessary, repair leaks and retest. Do not cover piping until proven watertight.
3. Furnish test results prior to covering piping.

D. Flushing: Flush completed piping with clean water prior to making final connections.

E. Water Treatment:

1. Submit chemical analysis of source water supply showing:

a. Total alkalinity in PPM.
b. Calcium hardness in PPM.
c. Chlorine in PPM.
d. pH.

2. Treat and balance pool water just prior to Substantial Completion.

a. Establish total alkalinity of 80 to 150 PPM and calcium hardness of 175 to 250 PPM.
b. Balance pool water to local health code requirements.

3.8 STARTUP SERVICE

A. Engage a factory-authorized service representative to perform startup service.

1. Complete installation and startup checks according to manufacturer's written instructions.
2. Adjust pump, accessory, and control settings, and safety and alarm devices.

3.9 ADJUSTING

A. Adjust pool system for proper operation through all cycles.

3.10 CLEANING

A. Clean pool, equipment, and related surfaces.

3.11 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain therapy pools. Refer to Section 017900 "Demonstration and Training."

END OF SECTION

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SECTION 21 31 13

LECTRIC DRIVE, CENTRIFUGAL FIRE PUMPS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

B. Examine drawings and other sections of specifications for requirements that affect work of this section.

1.02 SUMMARY

A. This Section includes electric drive, in-line centrifugal fire pumps, but not limited to the following:
   1. Fire pump controllers
   2. Fire pump accessories and specialties.
   3. Jockey pumps, controllers, accessories, and specialties.
   4. Alarm panels.
   5. Fire pump warranty.

1.03 PERFORMANCE REQUIREMENTS

A. Pump, Equipment, Accessory, Specialty, and Piping Pressure Rating: 175-psig (1200-kPa) minimum working pressure rating, unless otherwise indicated.

1.04 SUBMITTALS

A. Product Data: For each type of product indicated. Include rated capacities, certified pump performance curves with each selection point indicated, operating characteristics, and furnished accessories and specialties for each fire pump and pressure-maintenance pump.

B. Shop Drawings: For fire pumps and drivers, fire pump controllers, fire pump accessories and specialties, jockey pumps, jockey pump controllers, and pump accessories and specialties. Include plans, elevations, sections, details, and attachments to other work.
   1. For installed products indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
   2. Wiring Diagrams: Power, signal, and control wiring.

C. Product Certificates: For each type of fire pump and fire pump controller, signed by product manufacturer.

D. Source quality control test reports.

E. Field quality control test reports.

F. Operation and Maintenance Data: For fire pumps and drivers, jockey pumps, controllers, accessories and specialties, alarm panels, and flowmeter systems to include in emergency, operation, and maintenance manuals.

1.05 QUALITY ASSURANCE

A. Source Limitations: Obtain fire pumps, jockey pumps, and controllers through one source from a single manufacturer for each type of equipment.

B. Product Options: Drawings indicate size, profiles, and dimensional requirements of fire pumps, pressure-maintenance pumps, and controllers and are based on specific systems indicated. Refer to Division 01 Section "Product Requirements."

C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction, and marked for intended use.

D. Comply with standards of authorities having jurisdiction pertaining to materials, hose threads, and installation.

E. Comply with NFPA 20, "Stationary Pumps for Fire Protection," for fire pumps, drivers, controllers, accessories, and their installation.

1.06 COORDINATION

A. Coordinate size and location of concrete bases. Cast anchor bolt inserts into bases. Concrete, reinforcement, and formwork requirements are specified in Division 03.

1.07 FIRE PUMPS-GENERAL

A. Fire pump sizes, capacities and horse powers listed shall be considered as minimums and are listed for information only. The sprinkler contractor shall be responsible for a complete pumping system complying with the requirements of and NFPA #20 in all respects.

B. Fire pumps shall be located inside a dedicated room and can only contain the fire pump and its controls along with the incoming water service and domestic booster pump. No other equipment can be inside this room; this includes sump pumps, settling basins, PRV stations, sewage ejectors, triple oil basins, gas meters, electrical control panels, etc. NFPA# 20, 4.12.1.1, 4.12.1.1.5, 4.12.1.1.6

1.08 FIRE PUMP WARRANTY

A. Seller warrants equipment and its component parts of its own manufacture against defects in materials and workmanship under normal use and service for one (1) year from the date of installation or start-up, or for eighteen (18) months after the date of shipment, whichever occurs first.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
   1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, manufacturers specified.
   2. Manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.

2.02 ELECTRIC FIRE PUMP ASSEMBLY AND CONTROL

A. Pump assembly shall vertical inline type complete with driver, accessories, and controller, all conforming to the standards of the NFPA #20, "Centrifugal Fire Pump", and in accordance with the requirements and meeting with the approval of the Engineer, the owner's insurance carrier and the local fire prevention bureau.

B. Provide where shown on drawings, a complete fire protection pumping system.

C. The assemblies shall include: Electric motor driven fire pump and jockey pump with all appurtenances and accessories necessary to complete the installation in every respect. Provide a completely tested and integrated control system, including all necessary accessories. All equipment shall be supplied as a package by the Contractor. Prior to shipment, the pump and driver shall be thoroughly shop tested by the pump manufacturer. A characteristic curve showing the pump performance and speed variation, based upon the results of the shop test, shall be furnished by the manufacturer.

D. The pump assembly shall include:
1. Eccentric suction reducer.
2. Concentric discharge increaser.
3. Discharge fitting with circulation relief valve and air release valve.
4. Suction and discharge liquid filled gauges.
5. Capacity plate.
6. Automatic air release valve.
7. Circulation relief valve.

E. All control wiring shall be provided by the sprinkler contractor.

2.03 FIRE PUMP

A. The pump shall be single stage, vertical inline type having a discharge capacity of 400 gpm and a design head of 40 psi when operating at 3560 rpm. Suction flange shall be 125 lb. and discharge flange 125 lb. The pump shall have a bronze impeller, bronze case wear ring, packing gland and shaft sleeve. The motor shall be closed coupled and an integral part of the pump.

B. Manufacturers:
1. Aquarius Fluid Products, Inc.
2. Aurora Pump.
3. Sterling Peerless Pump.
4. Patterson Pump

2.04 ELECTRIC MOTOR

A. Electric motor shall be open drip proof, ball bearing, squirrel cage, induction design of not less than 15 HP suitable for operation on 208 volts, 3 phase, 60 HZ, AC current and of such capacity that at rated voltage and frequency pump will not exceed full load ampere rating under any conditions of pump load except as permitted by NFPA #20.

2.05 FIRE PUMP CONTROLLER

A. The fire pump controller shall be factory assembled, wired and tested as a unit and shall conform to all requirements of the latest edition of NFPA 20, NFPA 70 and be third party listed by Underwriters Laboratories (UL) and Factory Mutual (FM).

B. The controller shall be designed for across-the-line starting. Circuit breaker shall be as listed for continued use. Pressure transducer shall be low differential type with a range of 0 to 300 psi with pressure setting established at time of field acceptance test. An instantaneous recycling running period timer to prevent too frequent automatic starting of fire pump motor, set to keep the motor in operation for 10 minutes on automatic start, shall be interwired with pressure regulator.

C. The controller shall be wired for manual shutdown when the pumping unit constitutes the sole supply. Manual shutdown shall also be provided where required by the authority having jurisdiction.

D. The controller shall be Service Entrance Rated and furnished in a NEMA Type 2 drip proof metal freestanding enclosure with floor mounting feet.

E. Microprocessor based fire pump controller shall include the following features, but not limited to the following:
1. Extra alarm contacts.
2. Jockey communication/Recording
3. ModBus
4. Operation Interface Device with LED annunciator and digital display.
5. Data logging for pressure and event.
6. Pressure Log shall provide a continuous pressure record for 30 days.
7. Event Log shall store the most current events. These events can include, but not limited to: pump running, power available, phase reversal, motor overload, pump failed to start, etc.
8. Auxiliary alarms.
9. Integral surge arrester as required by NFPA 20 and the NEC.

F. Manufacturers:
1. Firetrol
2. Master Control
3. Metron

2.06 JOCKEY PUMP AND CONTROLS

A. Jockey pump shall be turbine vane line-loss pump having a discharge capacity of 5 gpm against a discharge pressure of 60 psi when operating at 3500 rpm. The pump casing shall be cast iron bronze fitted, equipped with mechanical shaft seal, stainless steel shaft, and drain plug in lower half of casing.

B. The pump shall be motor driven as herein specified, with both pump and motor mounted on a common cast iron, or fabricated steel, drip rim baseplate. Power shall be transmitted from the motor to the pump by means of an approved flexible coupling.

C. Motor shall be horizontal or vertical shaft ball bearing, squirrel cage induction design and not less than 3 HP, suitable for operation on 208 volt, 3 phase 60 HZ, AC current, of such capacity, that at rated voltage and frequency, pump will not exceed full load ampere rating of the motor under any condition of pump load.

D. Jockey pump control: provide a 0.75 HP, 208 volt, 3phase, motor starter switch with hand-off-automatic selector switch mounted in the cover, and a low differential type pressure switch, 0 to (300, 600) psi range.

E. Provide a pressure gauge on the suction and discharge pipe near the jockey pump.

F. Provide a relief valve on the discharge pipe between the jockey pump and the check valve.

G. Provide one (1) OS&Y gate valve on suction side, one (1) OS&Y gate valve and one (1) check valve on discharge side of jockey pump.

H. Jockey Pump

1. Manufacturers:
   a. Aquarius Fluid Products, Inc.
   b. Aurora Pump
   c. Sterling Peerless Pump

I. Jockey Pump Control

1. Manufacturers:
   a. Firetrol
   b. Master Control
   c. Metron

2.07 GROUT

A. Description: ASTM C 1107, factory mixed and packaged, dry, hydraulic cement, nonshrink and nonmetallic grout; suitable for interior and exterior applications.
   1. Properties: Nonstaining, noncorrosive, and nongaseous.
   2. Design Mix: 5000 psi (34.5-MPa), 28-day compressive strength.

2.08 SOURCE QUALITY CONTROL

A. Test and inspect fire pumps with their controllers according to NFPA 20 for certified shop tests.

B. Verification of Performance: Rate fire pumps according to requirements indicated.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas, concrete bases, and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of fire pumps.

B. Examine roughing-in for fire suppression piping to verify actual locations of piping connections before fire pump installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 CONCRETE BASES

A. Install concrete bases of dimensions indicated for fire pumps, pressure-maintenance pumps, and controllers. Refer to Division 21 Section "Common Work Results for Fire Suppression."
   1. Install dowel rods to connect concrete base to concrete floor. Unless otherwise indicated, install dowel rods on 18 inch (450 mm) centers around full perimeter of base.
   2. For supported equipment, install epoxy coated anchor bolts that extend through concrete base and anchor into structural concrete floor.
   3. Place and secure anchorage devices. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.
   4. Install anchor bolts to elevations required for proper attachment to supported equipment.

B. Cast-in-place concrete materials and placement requirements are specified in Division 03.

3.03 INSTALLATION

A. Install and align fire pump, pressure-maintenance pump, and controller according to NFPA 20.

B. Install pumps and controllers to provide access for periodic maintenance including removal of motors, impellers, couplings, and accessories.

C. Set base-mounting-type pumps on concrete bases. Disconnect coupling halves before setting. Do not reconnect couplings until alignment operations have been completed.
1. Support pump baseplate on rectangular metal blocks and shims or on metal wedges having small taper, at points near anchor bolts, to provide 3/4 to 1-1/2 inch (19 to 38 mm) gap between pump base and concrete base for grouting.
2. Adjust metal supports or wedges until pump and driver shafts are level. Verify that coupling faces and pump suction and discharge flanges are level and plumb.

D. Install suction and discharge piping equal to or greater than diameter of fire-pump nozzles.

E. Install valves that are same size as piping connecting fire pumps, bypasses, test headers, and other piping systems.

F. Install pressure gages on fire pump suction and discharge at pressure-gage tappings.

G. Support pumps and piping separately so weight of piping does not rest on pumps.

H. Install piping accessories, hangers and supports, anchors, valves, meters and gages, and equipment supports.

I. Install flowmeters and sensors where indicated. Install flowmeter-system components and make connections according to manufacturer's written instructions.

J. Electrical Wiring: Install electrical devices furnished by equipment manufacturers but not specified to be factory mounted. Furnish copies of manufacturers' wiring diagram submittals to electrical Installer.

3.04 ALIGNMENT

A. Align split case fire pump and driver shafts after complete unit has been leveled on concrete base, grout has set, and anchor bolts have been tightened.

B. After alignment is correct, tighten anchor bolts evenly. Fill baseplate completely with grout, with metal blocks and shims or wedges in place. Tighten anchor bolts after grout has hardened. Check alignment and make required corrections.

C. Align piping connections.

D. Align pump and driver shafts for angular and parallel alignment according to HI 1.4 and to tolerances specified by manufacturer.

E. Align vertically mounted, split case pump and driver shafts after complete unit has been made plumb on concrete base, grout has set, and anchor bolts have been tightened.

3.05 CONNECTIONS

A. Piping installation requirements are specified in Division 21 Section "Water Based Fire Suppression Systems." Drawings indicate general arrangement of piping, fittings, and specialties.

B. Install piping adjacent to pumps and equipment to allow service and maintenance.

C. Connect relief valve discharge to point of disposal.

D. Connect flowmeter-system sensors and meters according to manufacturer's written instructions.

E. Connect controllers to pumps.

F. Connect fire-pump controllers to building fire alarm system. Refer to Division 28 Section "Fire Detection and Alarm."

G. Ground equipment according to Division 26 Section "Grounding and Bonding for Electrical Systems."

H. Connect wiring according to Division 26 Section "Low-Voltage Electrical Power Conductors and Cables."

3.06 FIRE PUMP FIELD ACCEPTANCE TEST

A. Fire Pump Test

1. Pretest pumps in the field at least one week before acceptance test and make necessary adjustments to the fire pump assembly and controller to insure proper operation of the fire pump. Verify proper suction to the fire pump. All electric wiring to the fire pump motor including control interwiring, emergency power supply, and jockey pump, shall be completed and checked prior to the initial start-up and acceptance test. Every effort shall be made to conduct tests at the designed time.
2. The acceptance test shall be conducted after installation of the complete pump assembly. The pump manufacturer or his representative shall be present for the acceptance test. The authority having jurisdiction shall be notified as to time and place of the field acceptance test a minimum of one week before test. Copies of test report shall be forwarded to the Architect/Engineer for review.
3. The test shall be made by flowing water through calibrated nozzles, approved flow meters or other such accurate devices as may be selected by the authority having jurisdiction. The test shall be conducted as recommended in NFPA Pamphlet 20 by fire pump system supplier in the presence of the authority having jurisdiction and with that authority’s final approval and acceptance.

B. Controller Acceptance Test

1. Fire pump controllers shall be tested in accordance with manufacturer’s recommendations, as a minimum not less than 5 automatic and 5 manual operations shall be performed during the acceptance test.
2. A fire pump driver shall be operated for a period of at least 5 minutes at full speed during each of the above operations.
3. The selection size, and setting of all overcurrent protective devices (including fire pump controller circuit breaker) shall be confirmed to be in accordance with NFPA-20.

C. Manual Emergency (Handle) Operation

1. The fire pump shall be started once from each power source and run for a minimum of 5 minutes.

3.07 DEMONSTRATION

A. Engage a factory authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain fire pumps, drivers, controllers, and pressure-maintenance pumps. Refer to Division 01 Section "Demonstration and Training."

END OF SECTION

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

ARCHITECT OF RECORD
TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772

PARTNER ARCHITECT
STUDIO KIRO
1229 ST. THOMAS ST., STE. A
NEW ORLEANS, LA 70130
504.432.9583

PARTNER ARCHITECT
GENSLER
2 HOUSTON CENTER
909 FANNIN ST., STE. 200
HOUSTON, TX 77010
713.844.0000

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STRUCTURAL
MORPHY MAKOFSKY (MMI)
336 N NORMAN C FRANCIS PKWY
NEW ORLEANS, LA 70119
504.488.1317

MEP & ACOUSTICS
SALAS O'BRIEN
541 JULIA ST, SUITE 200
NEW ORLEANS, LA 70130
504.930.4080

CIVIL
MARAIS CONSULTANTS
1813 BARONNE ST.
NEW ORLEANS, LA 70113
504.350.2644

LANDSCAPE
SPACKMAN MOSSOP MICHAELS
1824 SOPHIE WRIGHT PLACE
NEW ORLEANS, LA 70130
504.218.8991

BBSA REFERENCE NUMBER: BBSA 25-45

DELEGATED DESIGN / DEFERRED SUBMITTALS

EXTERIOR SIGNAGE PERMIT
SWIMMING POOL DESIGN & PERMIT
FIRE SERVICE PERMIT
FIRE SPRINKLER / STANDPIPE DESIGN & SHOP DRAWINGS
FIRE ALARM SHOP DRAWINGS

CITY PLANNING COMMISSION DESIGN ADVISORY BOARD PROVISOS

1. SHOW ALTERNATIVE ELEVATIONS WITH VERTICAL EMPHASIS TO BREAK UP THE MASSING SPECIFICALLY ALONG EUTERPE

2. ADDRESS THE WINDOW TO WALL RATIO SO THAT WINDOWS DO NOT APPEAR NARROW OR CONSTRICTIVE FROM THE EXTERIOR

3. WIDEN SIDEWALKS SPECIFICALLY ALONG EUTERPE STREET AND ALIGN ALL BUILDING INGRESS AND EGRESS POINTS WITH THE APPROPRIATE SIDEWALK AND STREET LOCATIONS

4. ADD CANOPIES WHERE POSSIBLE AROUND THE BUILDING TO PROVIDE AN IMPROVED PEDESTRIAN EXPERIENCE.

5. PROVIDE ALTERNATIVE OPTIONS USING TONES IN A LIGHTER COLOR PALETTE FOR MATERIAL CHOICES.

BID ALTERNATES

ALTERNATE #1: EXTERIOR MATERIAL AT 'SLOTS'
BASE BID: EXTERIOR PORTLAND CEMENT WALL CLADDING AND SOFFIT CLADDING
ALTERNATE 1.A: ALUMINUM COMPOSITE METAL CLADDING RAINSCREEN SYSTEM AND VENTED SOFFITS
ALTERNATE 1.B: FIBER CEMENT WALL PANEL RAINSCREEN CLADDING AND VENTED SOFFITS

ALTERNATE #2: EXTERIOR PARKING LOT ENTRY WALL
BASE BID: CMU AND BRICK MASONRY WALL, WITH DELEGATED DESIGN METAL ROLLING GATE
ALTERNATE: WOOD FENCING WITH DELEGATED DESIGN WOOD ROLLING GATE

ALTERNATE #3: COURTYARD PARAPETS AND ROOF DRAINAGE
BASE BID: BUILT-UP PARAPET AND CAP, WITH THROUGH WALL SCUPPERS AND DOWNSPOUTS
ALTERNATE: ROOF EDGE FLASHING, CONTINUOUS GUTTER AND DOWNSPOUTS

ALTERNATE #4: EXTERIOR STREET LIGHTING
SEE ELECTRICAL DRAWINGS

THE RIVANA RESIDENTIAL ENTRANCE @ TCHOUPITOULAS & RACE STREETS

TRAPOLINPEER
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
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OWNER
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CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
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NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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S3.01	SECOND FLOOR SECTIONS & DETAILS	2025_10-30	GMP	2025_10-30
S3.02	SECOND FLOOR SECTIONS & DETAILS	2025_10-30	GMP	2025_10-30
S3.03	THIRD & FOURTH FLOOR SECTIONS & DETAILS	2025_10-30	GMP	2025_10-30
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M1.02	MECHANICAL - OVERALL PLAN - LEVEL 02	2025_10-30	A1	2026_01-30
M1.03	MECHANICAL - OVERALL PLAN - LEVEL 03	2025_10-30	GMP	2025_10-30
M1.04	MECHANICAL - OVERALL PLAN - LEVEL 04	2025_10-30	GMP	2025_10-30
M1.05	MECHANICAL - OVERALL PLAN - ROOF	2025_10-30	GMP	2025_10-30
M2.11	MECHANICAL - AREA PLAN - LEVEL 01, AREA 01	2025_10-30	GMP	2025_10-30
M2.12	MECHANICAL - AREA PLAN - LEVEL 01, AREA 02	2025_10-30	GMP	2025_10-30
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M2.15	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 01	2025_10-30	A1	2026_01-30
M2.16	MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 02	2025_10-30	A1	2026_01-30
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M3.01	MECHANICAL - ENL PLANS - RESTROOMS	2025_10-30	GMP	2025_10-30
M3.02	MECHANICAL - ENL PLANS - LEASING & MAIL ROOM	2025_10-30	GMP	2025_10-30
M3.03	MECHANICAL - ENL PLANS - COMMUNITY ROOM	2025_10-30	GMP	2025_10-30
M3.04	MECHANICAL - ENL PLANS - FITNESS CENTER	2025_10-30	GMP	2025_10-30
M3.05	MECHANICAL - ENL PLANS - AMENITY LEVEL 02	2025_10-30	GMP	2025_10-30
M3.06	MECHANICAL - ENL PLANS - AMENITY LEVEL 03	2025_10-30	GMP	2025_10-30
M3.07	MECHANICAL - ENL PLANS - AMENITY LEVEL 04	2025_10-30	GMP	2025_10-30
M3.08	MECHANICAL - ENL PLANS - EQUIPTMENT & STORAGE	2025_10-30	GMP	2025_10-30
M3.51	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
M3.52	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
M3.53	MECHANICAL - ENL PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
M3.54	MECHANICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
M3.55	MECHANICAL - ENL PLANS - ACCESSIBLE UNITS	2025_10-30	A1	2026_01-30
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M5.01	MECHANICAL SCHEDULES	2025_10-30	GMP	2025_10-30
PLUMBING				
P0.00	PLUMBING NOTES & SYMBOLS	2025_10-30	GMP	2025_10-30
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P2.01	PLUMBING - OVERALL PLAN - LEVEL 01	2025_10-30	GMP	2025_10-30
P2.02	PLUMBING - OVERALL PLAN - LEVEL 02-04	2025_10-30	GMP	2025_10-30
P2.03	PLUMBING - OVERALL PLAN - LEVEL 03	2025_10-30	GMP	2025_10-30
P2.04	PLUMBING - OVERALL PLAN - LEVEL 04	2025_10-30	GMP	2025_10-30
P2.05	PLUMBING - OVERALL PLAN - ROOF	2025_10-30	A1	2026_01-30
P2.11	PLUMBING - AREA PLAN - LEVEL 01, AREA 01	2025_10-30	A1	2026_01-30
P2.12	PLUMBING - AREA PLAN - LEVEL 01, AREA 02	2025_10-30	A1	2026_01-30
P2.13	PLUMBING - AREA PLAN - LEVEL 01, AREA 03	2025_10-30	A1	2026_01-30
P2.14	PLUMBING - AREA PLAN - LEVEL 01, AREA 04	2025_10-30	A1	2026_01-30
P2.15	PLUMBING - AREA PLAN - LEVELS 02-04, AREA 01	2025_10-30	GMP	2025_10-30
P2.16	PLUMBING - AREA PLAN - LEVELS 02-04, AREA 02	2025_10-30	GMP	2025_10-30
P2.17	PLUMBING - AREA PLAN - LEVELS 02-04, AREA 03	2025_10-30	GMP	2025_10-30
P2.18	PLUMBING - AREA PLAN - LEVELS 02-04, AREA 04	2025_10-30	GMP	2025_10-30
P3.01	PLUMBING - ENL PLANS - RESTROOMS	2025_10-30	A1	2026_01-30
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P3.03	PLUMBING - ENL PLANS - COMMUNITY ROOM	2025_10-30	GMP	2025_10-30
P3.04	PLUMBING - ENL PLANS - FITNESS CENTER	2025_10-30	A1	2026_01-30
P3.05	PLUMBING - ENL PLANS - AMENITY LEVEL 02	2025_10-30	GMP	2025_10-30
P3.06	PLUMBING - ENL PLANS - AMENITY LEVEL 03	2025_10-30	GMP	2025_10-30
P3.07	PLUMBING - ENL PLANS - AMENITY LEVEL 04	2025_10-30	GMP	2025_10-30
P3.08	PLUMBING - ENL PLANS - LEVEL 01 PUMP ROOM	2025_10-30	GMP	2025_10-30
P3.51	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
P3.52	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
P3.53	PLUMBING - ENL PLANS - A TYP RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
P3.54	PLUMBING - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	A1	2026_01-30
P3.55	PLUMBING - ENL PLANS - ACCESSIBLE UNITS	2025_10-30	A1	2026_01-30
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P5.01	PLUMBING DETAILS	2025_10-30	GMP	2025_10-30
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E2.03	LIGHTING PLAN - LEVEL 03	2025_10-30	GMP	2025_10-30
E2.04	LIGHTING PLAN - LEVEL 04	2025_10-30	GMP	2025_10-30
E2.11	LIGHTING PLAN - LEVEL 01, AREA 01	2025_10-30	A1	2026_01-30
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E2.19	LIGHTING PLAN - LEVEL 03, AREA 01	2025_10-30	A1	2026_01-30
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E2.21	LIGHTING PLAN - LEVEL 03, AREA 03	2025_10-30	A1	2026_01-30
E2.22	LIGHTING PLAN - LEVEL 03, AREA 04	2025_10-30	A1	2026_01-30
E2.23	LIGHTING PLAN - LEVEL 04, AREA 01	2025_10-30	A1	2026_01-30
E2.24	LIGHTING PLAN - LEVEL 04, AREA 02	2025_10-30	A1	2026_01-30
E2.25	LIGHTING PLAN - LEVEL 04, AREA 03	2025_10-30	A1	2026_01-30
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E3.02	ELECTRICAL - OVERALL PLAN - LEVEL 02	2025_10-30	GMP	2025_10-30
E3.03	ELECTRICAL - OVERALL PLAN - LEVEL 03	2025_10-30	GMP	2025_10-30
E3.04	ELECTRICAL - OVERALL PLAN - LEVEL 04	2025_10-30	GMP	2025_10-30
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E3.19	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 01	2025_10-30	A1	2026_01-30
E3.20	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 02	2025_10-30	A1	2026_01-30
E3.21	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 03	2025_10-30	A1	2026_01-30
E3.22	ELECTRICAL - AREA PLAN - LEVEL 03, AREA 04	2025_10-30	A1	2026_01-30
E3.23	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 01	2025_10-30	A1	2026_01-30
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E3.25	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 03	2025_10-30	A1	2026_01-30
E3.26	ELECTRICAL - AREA PLAN - LEVEL 04, AREA 04	2025_10-30	A1	2026_01-30
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E3.52	ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	GMP	2025_10-30
E3.53	ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS	2025_10-30	GMP	2025_10-30
E4.01	ELECTRICAL DETAILS

GENERAL NOTES - ARCHITECTURAL

1. GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.
2. ALL MATERIALS AND WORK SHALL CONFORM TO ALL GOVERNING CODES, REGULATIONS, AND AGENCIES.
3. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION WHICH MAY NOT BE SHOWN ON DRAWINGS. ALL WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT. INCLUDE SCHEDULE REQUIREMENTS FOR THIS WORK IN CONSTRUCTION SCHEDULE AND COORDINATE AS REQUIRED TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
4. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY: WHAT IS REQUIRED BY ONE IS AS BINDING AS IF REQUIRED BY ALL. THE CONTRACTOR SHALL COORDINATE ALL PORTIONS OF THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS. NOTIFY THE ARCHITECT FOR RESOLUTION OF ALL DISCREPANCIES PRIOR TO CONSTRUCTION.
5. THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA OR CHANGE ORDERS ARE PART OF THESE CONTRACT DOCUMENTS.
6. DO NOT SCALE DRAWINGS.
7. TO ESTABLISH THE COMPLETE SCOPE OF ITS WORK AND TO AFFECT CLOSE COORDINATION WITH THE OTHER TRADES, EACH TRADE SHALL COMPLETELY REVIEW THE PLANS AND SPECIFICATIONS, NOT ONLY FOR ITS RESPECTIVE TRADES BUT FOR THE WORK OF OTHER RELATED TRADES AS WELL.
8. AT ALL PENETRATIONS AND INTERSECTIONS OF FIRE-RATED PARTITIONS, PROVIDE FIRE SEALANT AND / OR FIRESTOPPING TO MAINTAIN CONTINUITY OF PARTITION RATING.
9. REFER TO FINISH SCHEDULES AND COLOR LISTS FOR WALL FINISH DESIGNATIONS.
10. ALL PENETRATIONS AND OPENINGS IN RATED WALLS, CEILINGS AND FLOORS SHALL MEET THE ASSEMBLY FIRE RATINGS.
11. WALL ASSEMBLIES, FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, COLUMN & BEAM PROTECTION ASSEMBLIES AND OTHER ASSEMBLY TYPES WITH UL DESIGN NO. OR OTHER REFERENCED TESTING AUTHORITY DESIGNATION SHALL BE CONSTRUCTED TO THE STANDARDS REFERENCED. PRODUCTS USED SHALL BEAR UL (OR OTHER) CLASSIFICATION WHERE REQUIRED BY THE UL (OR OTHER) DESIGN.
12. PROVIDE ALL BASES AND BLOCKING REQUIRED FOR ACCESSORIES, MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT.
13. REFER TO OTHER SHEETS BY ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER CATEGORIES OR DRAWINGS FOR ADDITIONAL NOTES.
14. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT PROVIDED IN THIS CONTRACT, OR BY OTHERS.
15. LINE OF EXISTING GRADES, AS SHOWN ON THE BUILDING ELEVATIONS AND SECTIONS ARE APPROXIMATE. REFER TO CIVIL FOR GRADING.
16. WHERE A DOOR IS LOCATED NEAR CORNER OF ROOM AND IS NOT LOCATED BY DIMENSION ON PLAN OR DETAILS, DIMENSION SHALL BE 4" FROM FACE OF PERPENDICULAR PARTITION FRAMING TO DOOR JAMB FRAMING.
17. "LEVEL" REFERS TO TOP OF CONCRETE SLAB OR SUBFLOOR. FINISH FLOORING IS INSTALLED ABOVE THE LEVEL LINE.
18. PROVIDE ADDITIONAL BLOCKING AND REINFORCING TO ACCOMMODATE CEILING MOUNTED FIXTURES, BATHROOM ACCESSORIES AND GRAB BARS, AND ALL WALL MOUNTED MILLWORK, CABINETRY, COUNTERTOPS TELEVISIONS, OR OTHER OBJECTS SHOWN. SEE ALSO THE EXTERIOR AND INTERIOR DETAILS PROVIDED FOR ANY ADDITIONAL BLOCKING LOCATIONS.
19. PORTABLE FIRE EXTINGUISHERS TO BE INSTALLED IN A CABINET INSPECTED AND MAINTAINED IN ACCORDANCE WITH NFPA 10. CABINET LOCATIONS INDICATED ON FLOOR PLANS AS "FEC" OR "FECR".

GENERAL NOTES - CONSTRUCTION

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO SUPPLY ALL SUBCONTRACTORS WITH CONSTRUCTION DRAWINGS AND SPECIFICATIONS NECESSARY TO THE BID AND/OR TO CONSTRUCT THIS PROJECT.
2. ALL CONTRACTORS ARE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES PRIOR TO MAKING ANY CHANGES TO THE CONSTRUCTION DRAWINGS. SHOULD INCONSISTENCIES OR DISCREPANCIES OCCUR, THE BETTER QUALITY, GREATER QUANTITY, AND MOST EXPENSIVE PRODUCT OR TASK SHALL BE FURNISHED OR PERFORMED, UNLESS INSTRUCTED OTHERWISE BY THE ARCHITECT. DISCREPANCIES BETWEEN INSTALLATION METHODS FOR SPECIFIED ITEMS SHALL NOT BE CAUSE TO CHANGE THE CONTRACT SUM OR DELAY THE CONSTRUCTION.
3. THE CONTRACTOR SHALL VISIT THE JOB SITE TO BECOME ACQUAINTED WITH THE JOB CONDITIONS AND SHALL CAREFULLY STUDY ALL DRAWINGS AND SPECIFICATIONS PERTAINING TO THE WORK. IF ANY OF THE WORK LAID OUT, INDICATED, OR SPECIFIED IS CONTRARY TO OR CONFLICTS WITH ANY LOCAL, STATE, OR UNDERWRITERS' ORDINANCES OR REGULATIONS, THE SAME SHALL BE REPORTED TO THE ARCHITECT BEFORE SUBMITTING BID. THE ARCHITECT WILL THEN ISSUE INSTRUCTION AS TO THE PROCEDURE. IF NO SUCH REPORT IS MADE, THE WORK SHALL BE REQUIRED BY SUCH ORDINANCE AT NO EXPENSE TO THE OWNER.
4. CONTRACTOR SHALL COORDINATE AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS OR GUIDELINES FROM GOVERNING REGULATORY AGENCIES BEFORE PROCEEDING WITH ANY ITEMS OF WORK UNDER OR WITHIN SUCH JURISDICTION(S).
5. CONTRACTOR SHALL PROVIDE PUBLIC PROTECTIONS NECESSARY PER ALL APPLICABLE CODES
6. TO ESTABLISH THE COMPLETE SCOPE OF ITS WORK AND TO AFFECT CLOSE COORDINATION WITH THE OTHER TRADES, EACH TRADE SHALL COMPLETELY REVIEW THE PLANS AND SPECIFICATIONS, NOT ONLY FOR ITS RESPECTIVE TRADE BUT FOR THE WORK OF OTHER RELATED TRADES AS WELL.
7. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE SIMILAR TO THAT INDICATED OR NOTED FOR SIMILAR CONDITIONS AND CASES OF CONSTRUCTION ON THIS PROJECT. REFERENCES OF NOTES AND DETAILS TO SPECIFICATIONS AND LOCATIONS SHALL NOT LIMIT THEIR APPLICABILITY.
8. ALL WORK SHALL CONFORM TO THE CURRENT BUILDING CODE, AND ALL APPLICABLE LAWS, RULES, REGULATIONS, AND ORDINANCES OR GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MOST RESTRICTIVE SHALL GOVERN.
9. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, ARRANGE FOR ALL REQUIRED INSPECTIONS, TEMPORARY TELEPHONE, AND TRASH REMOVAL. PAYMENT FOR PERMITS SHALL BE COORDINATED BETWEEN OWNER AND CONTRACTOR. A1
10. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED.
11. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS, MAINTAIN AND PAY ALL COSTS FOR TEMPORARY WATER AND PLUMBING, POWER AND LIGHTING OR VENTILATION AS HE MAY REQUIRE TO PROPERLY CONDUCT THE WORK OF HIS CONTRACT.
12. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN FOR THE ENTIRE LENGTH OF THIS WORK ALL EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES AND ALARMS TO CONFORM TO LOCAL BUILDING CODE REQUIREMENTS.
13. THE CONTRACTOR SHALL PROTECT THE BUILDING PREMISES AND ALL OCCUPANTS ON THE PROJECT SITE, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY COVERING, BOARDS, TEMPORARY PARTITIONS AND DOORS AS REQUIRED TO PROTECT EXISTING WORK AND FINISHES TO REMAIN AT THE JOB SITE AND ALL AREAS OF THE BUILDING AFFECTED BY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY IMPROPER PROTECTION AND SHALL MAKE ALL NECESSARY REPLACEMENTS OR REPAIRS WITHOUT ANY ADDITIONAL CHARGE TO THE TENANT OR THE PARTY AFFECTED.
14. GENERAL CONTRACTOR IS RESPONSIBLE TO CLEAN UP AND REMOVE FROM THE PREMISES ALL WASTE MATERIALS, RUBBISH, WRAPPINGS AND SALVAGES AS GENERATED BY THE CONSTRUCTION, DEMOLITION AND/OR THE DELIVERY AND INSTALLATION OF ANY PRODUCTS, MATERIALS, OR EQUIPMENT WHICH IS PART OF HIS CONTRACT.
15. ALL WORK AND CONSTRUCTION OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING.
16. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR DAMAGES CAUSED BY HIS SUBCONTRACTORS. IT IS RECOMMENDED THE G.C. TAKE PRE-CONSTRUCTION PHOTOS FOR ANY FUTURE CLAIMS.
17. THE GENERAL CONTRACTOR SHALL HAVE A COMPETENT SUPERINTENDENT ON THE PREMISES AT ALL TIMES WHEN WORK IS IN PROGRESS AND SHALL KEEP AND MAINTAIN AN UP-TO-DATE COMPLETE SET OF CONSTRUCTION DOCUMENTS AND SKETCHES ON THE PREMISES AT ALL TIMES WHEN WORK IS IN PROGRESS. NO OUT-DATED MATERIAL SHALL BE ON THE PREMISES AT ANY TIME.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND MISALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
19. CONTRACTOR SHALL PROVIDE CLASS A,B+C HAZARD FIRE EXTINGUISHERS AS NOTED ON PLANS, AT A MAX. TRAVEL DISTANCE OF 75'-0", MAX FLOOR AREA PER EXTINGUISHER 11,250 S.F. OR IN ACCORDANCE WITH THE LOCAL FIRE DEPARTMENT.
20. FIRE EXTINGUISHERS APPROPRIATE TO THE WORK BEING PERFORMED MUST BE KEPT ON THE JOB SITE DURING CONSTRUCTION.
21. CONTRACTOR TO INCLUDE ALL TESTING, PROGRAMMING AND FINAL CONNECTIONS REQUIRED TO TIE INTO BUILDING LIFE SAFETY SYSTEMS.
22. G.C. SHALL COORDINATE WITH ENGINEERING DRAWINGS FOR FIRE STROBES, SPEAKERS AND FIRE PULL STATION AS REQUIRED BY CODE.

#	NUMBER
@	AT
ABV	ABOVE
ACP	ACCESS PANEL
AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTIC PANEL CEILING
ARCH	ARCHITECT OR ARCHITECTURAL
B/	BOTTOM OF
BD	BOARD
BFE	BASE FLOOD ELEVATION
BLDG	BUILDING
BRK	BRICK
BTWN	BETWEEN
BYND	BEYOND
BOS	BOTTOM OF STEEL
CAB	CABINET
CHNL	CHANNEL
CI	CAST-IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CNTRL	CONTROL
CO	CLEAN OUT
COL	COLUMN
COMPR	COMPRESSIBLE
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
CPT	CARPET
CT	CERAMIC TILE
CW	CURTAIN WALL
DB	DOWNSPOUT BOOT
DBL	DOUBLE
DEMO	DEMOLISH OR DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DWG	DRAWING
DS	DOWNSPOUT
DSB	DOWNSPOUT BOOT
DW	DISHWASHER
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATION
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
EXIST	EXISTING
EXP JNT	EXPANSION JOINT
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FIXT	FIXTURE
FLR	FLOOR
FO	FACE OF
FOS	FACE OF STUD
FND	FOUNDATION
FRP	FIBER REINFORCED PLASTIC PANELS
FT	FOOT OR FEET
'G	-ING (SUFFIX)
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GAS LINE
GP BD	GYPSUM BOARD
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HC	HOLLOW CORE
HDWD	HARDWOOD
HDWR	HARDWARE
HM	HOLLOW METAL
HOR	HORIZONTAL
HR	HOUR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
INCL	INCLUDED
INFO	INFORMATION
INSUL	INSULATION
IN	INCHES
INT	INTERIOR
J-BOX	JUNCTION BOX
JNT	JOINT
LAM	LAMINATE
LDR	LADDER
LNTL	LINTEL
LOC	LOCATION
LP	LIGHT POLE
LS	LIFE SAFETY
MANUF	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MIN	MINIMUM
MOD BIT	MODIFIED BITUMINOUS
MTL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NOS	NOT IN SCOPE
NSMF	NON-STRUCTURAL METAL FRAMING
NTS	NOT TO SCALE
OAD	OVERFLOW AREA DRAIN
OC	ON CENTER
OFCI	OWNER FURNISHED / CONTRACTOR INSTALLED
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OS	OVERFLOW SCUPPER
OVH	OVERHEAD
PERF	PERFORATED
PL	PLATE
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLWD	PLYWOOD
PNL	PANEL
PRPT	PARAPET
PT	PRESSURE TREATED
PTD	PANT OR PAINTED
PV	PLUMBING VENT
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCING OR REINFORCED
REQD	REQUIRED
REV	REVISION
RF	REFRIGERATOR
RM	ROOM
RO	ROUGH OPENING
RUB	RUBBER
SF	STOREFRONT
SIM	SIMILAR
SIP	STRUCTURAL INSULATED PANEL
SPEC	SPECIFIED OR SPECIFICATION
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
SQ	SQUARE
T&G	TONGUE AND GROOVE
T/	TOP OF
TELE	TELEPHONE
TEMP	TEMPORARY
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TS	TUBE STEEL
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VWFB	VENTED WOOD FLOOR BASE
W/	WITH
W/O	WITHOUT
WD	WOOD
WH	WATER HEATER
WN	WINDOW
WW	WINDOW WALL

DRAWING REFERENCES

DRAWING TITLE
01 DRAWING NAME — SCALE: 1/8" = 1'-0"
A1.01
DETAIL NUMBER
SHEET NUMBER

BUILDING ELEVATIONS
01 / A3.01
DETAIL NUMBER
VIEW DIRECTION
DRAWING SHEET NUMBER

EXTERIOR ENLARGED ELEVATIONS
01 / A3.01
DETAIL NUMBER
VIEW DIRECTION
DRAWING SHEET NUMBER

BUILDING SECTIONS
01 / A3.01
VIEW DIRECTION
DETAIL NUMBER
DRAWING SHEET NUMBER

WALL SECTIONS
01 / A5.01
VIEW DIRECTION
DETAIL NUMBER
DRAWING SHEET NUMBER

INTERIOR ELEVATIONS
01 / A6.01
DETAIL NUMBER
VIEW DIRECTION
DRAWING SHEET NUMBER

INTERIOR SECTIONS
03 / A2.00
VIEW DIRECTION
DETAIL NUMBER
DRAWING SHEET NUMBER

EXTERIOR & INTERIOR SECTION DETAILS
7 / A2.00
DETAIL NUMBER
DRAWING SHEET NUMBER

EXTERIOR & INTERIOR ENLARGED PLANS & DETAILS
04 / A2.00
DETAIL NUMBER
DETAIL EXTENTS
DRAWING SHEET NUMBER

SYMBOLS

NORTH ARROW
CENTERLINE
GRID LINES 01 A

COMPONENT TAGS

ROOM TAG
ROOM NAME
3200 — ROOM NUMBER
34 SF — SQUARE FOOTAGE

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

KEYNOTE
03 3000 — CAST-IN-PLACE CONCRETE
ELEMENT
SPECIFICATION SECTION
ELEMENT NAME

INTERIOR WALL & PARTITION ASSEMBLY TYPE
A3 — TYPE MARK

EXTERIOR WALL & PARTITION ASSEMBLY TYPE
X600.6 — TYPE MARK
X(1)(2)(3).(4)
(1) CORE MATERIAL
(2) FIRE RATING - HOURS
(3) TYPE
(4) CORE THICKNESS - INCHES

3	CONCRETE
4	MASONRY
5	METAL
6	WOOD

ROOF & FLOOR ASSEMBLY TYPE
F1 — TYPE MARK

MATERIAL TYPE
MP-A — TYPE MARK

DOOR NUMBER
320B — DOOR NUMBER

DOOR USAGE
MARK
03 B — USAGE

CURTAIN WALL / STOREFRONT / WINDOW TYPE
SF19 — TYPE MARK

LEVEL HEAD
LEVEL 01 — 15' - 0"
LEVEL NAME
ELEVATION

SPOT ELEVATION
16' - 2" A.F.F.
ELEVATION
SURFACE

REVISION TAG
01
REVISION NUMBER

TRAPOLINPEER
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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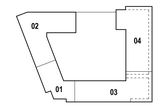
INITIAL ISSUE & REVISIONS		
NUMBER	**DESCRIPTION**	**DATE**
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ABBREVIATIONS & GENERAL NOTES

G0.02

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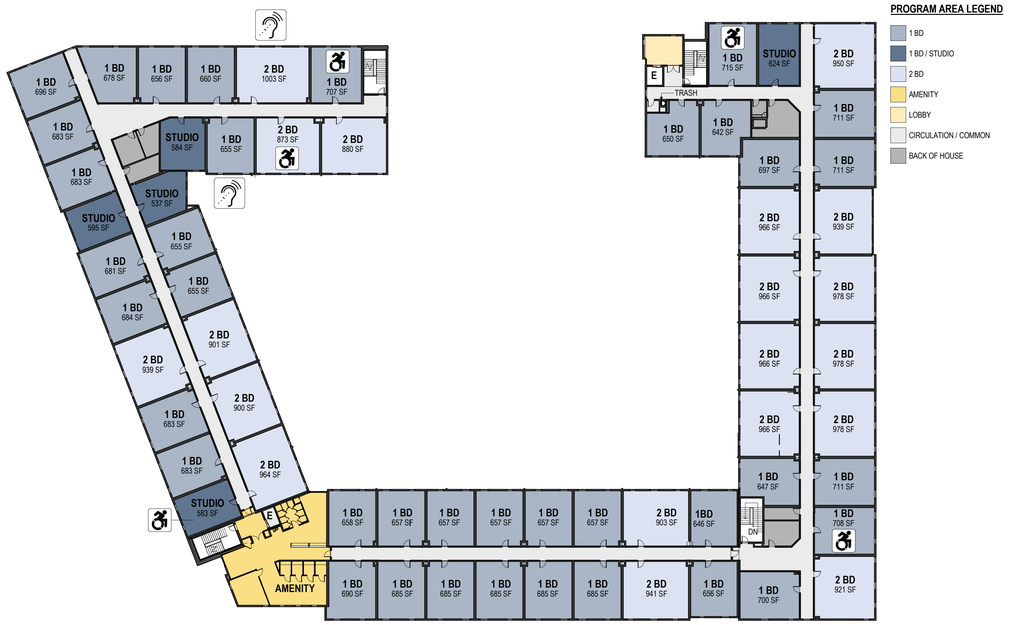

02 LEASING PLAN - LEVELS 02-04
G1.01 SCALE: 1" = 30'-0"

01 LEASING PLAN - LEVEL 01
G1.01 SCALE: 1" = 30'-0"

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UNIT TYPE MIX - LEASABLE AREAS		
UNIT TYPE	COUNT	LEASABLE AREA (MIN...MAX)
LEVEL 01		
1 BD	26	628 SF ... 696 SF
2 BD	4	896 SF ... 949 SF
STUDIO	4	535 SF ... 590 SF
LEVEL 02		
1 BD	37	642 SF ... 715 SF
1BD	1	646 SF
2 BD	19	873 SF ... 1003 SF
STUDIO	5	537 SF ... 624 SF
LEVEL 03		
1 BD	38	663 SF ... 996 SF
2 BD	19	708 SF ... 1067 SF
STUDIO	5	528 SF ... 624 SF
LEVEL 04		
1 BD	38	663 SF ... 996 SF
2 BD	19	708 SF ... 1067 SF
STUDIO	5	528 SF ... 624 SF
TOTAL UNITS: 220		

COMMERCIAL LEASABLE AREA	
NAME	SQUARE FOOTAGE
RETAIL	17259 SF

RESIDENTIAL UNIT MIX

TOTAL # UNITS PROVIDED
STUDIO: **19**
1 BEDROOM: **140**
2 BEDROOM: **61**
TOTAL: 220

MOBILITY ACCESS UNITS PROVIDED (5% REQUIRED)
STUDIO: 3
1 BEDROOM: **9**
2 BEDROOM: **3**
TOTAL: 15 (11 REQUIRED)

HEARING/VISUAL ACCESS UNITS PROVIDED (2% REQUIRED)
STUDIO: 1
1 BEDROOM: **3**
2 BEDROOM: **2**
TOTAL: 6 (5 REQUIRED)

UNIT TYPE MATRIX

Number	Name
LEVEL 01	
111	STUDIO.ADA1
112	1BD.1
113	1BD.1
114	2BD.1
115	2BD.1
116	1BD.1
117	1BD.1
118	1BD.1
119	1BD.1
120	STUDIO.3
121	STUDIO.1
122	1BD.1
124	1BD.1
125	1BD.1
126	1BD.6
127	1BD.1
128	STUDIO.2
129	1BD.1
130	1BD.1
141	1BD.1
142	1BD.1
143	1BD.1
144	1BD.1
145	1BD.1
146	1BD.1
147	1BD.1
148	1BD.1
149	1BD.1
150	1BD.1
151	1BD.1
152	2BD.1
153	2BD.1
154	1BD.1
155	1BD.1
LEVEL 02	
211	STUDIO.ADA1
212	2BD.1
213	1BD.1
214	2BD.1
215	1BD.1
216	2B.1
217	2BD.1
218	1BD.1
219	1BD.1
220	1BD.1
221	1BD.1
222	STUDIO.3
224	STUDIO.1
225	1BD.1
226	1BD.1
227	1BD.1
228	1BD.6
229	1BD.1
230	STUDIO.2
231	1BD.1
232	1BD.1
233	2BD.1
234	2BD.ADA1
235	1BD.ADA1
236	2BD.1
241	1BD.1
242	1BD.1
243	1BD.1
244	1BD.1
245	1BD.1
246	1BD.1
247	1BD.1
248	1BD.1
249	1BD.1
250	1BD.1
251	1BD.1
252	1BD.1
253	2BD.1
254	2BD.1
255	1BD.1
256	1BD.1
261	2BD.1
262	1BD.1
263	1BD.ADA1
264	1BD.5
265	1BD.1
266	1 BD.
266	2BD.1
267	2BD.1
268	2BD.1
269	2BD.1
270	2BD.1
271	2BD.1
272	2BD.1
273	2BD.1
274	1BD.4
275	1BD.1
277	1BD.1
279	2BD.1
291	STUDIO.1
292	1BD.3
293	1BD.ADA1
294	1BD.2
LEVEL 03	
311	STUDIO.ADA.1
312	2BD.1
313	1BD.1
314	2BD.1
315	1BD.1
316	2BD.1
317	2BD.1
318	1BD.1
319	1BD.1

UNIT TYPE MATRIX

Number	Name
320	1BD.1
321	1BD.1
322	STUDIO.3
324	STUDIO.1
325	1BD.1
326	1BD.1
327	1BD.1
328	1BD.6
329	1BD.1
330	STUDIO.2
331	1BD.1
332	1BD.1
333	2BD.1
334	2BD.ADA1
335	1BD.ADA1
336	2BD.1
341	1BD.ADA1
342	1BD.1
343	1BD.1
344	1BD.1
345	1BD.1
346	1BD.1
347	1BD.1
348	1BD.1
349	1BD.1
350	1BD.1
351	1BD.1
352	1BD.1
353	2BD.1
354	2BD.1
355	1BD.1
356	1BD.1
361	2BD.1
362	1BD.1
363	1BD.ADA1
364	1BD.5
365	1BD.1
366	2 BD.
367	2BD.1
368	2BD.1
369	2BD.1
370	2BD.1
371	2BD.1
372	2BD.1
373	2BD.1
374	1BD.4
375	1BD.1
377	1BD.1
379	2BD.1
391	STUDIO.1
392	1BD.3
393	1BD.ADA1
394	1BD.2
LEVEL 04	
411	STUDIO.ADA1
412	2BD.1
413	1BD.1
414	2BD.1
415	1BD.1
416	2BD.1
417	2BD.1
418	1BD.1
419	1BD.1
420	1BD.1
421	1BD.1
422	STUDIO.3
424	STUDIO.1
425	1BD.1
426	1BD.1
427	1BD.1
428	1BD.6
429	1BD.1
430	STUDIO.2
431	1BD.1
432	1BD.1
433	2BD.1
434	2BD.ADA1
435	1BD.ADA1
436	2BD.1
441	1BD.ADA1
442	1BD.1
443	1BD.1
444	1BD.1
445	1BD.1
446	1BD.1
447	1BD.1
448	1BD.1
449	1BD.1
450	1BD.1
451	1BD.1
452	1BD.1
453	2BD.1
454	2BD.1
455	1BD.1
456	1BD.1
461	2BD.1
462	1BD.1
463	1BD.ADA1
464	1BD.5
465	1BD.1
466	2BD.1
467	2BD.1
468	2BD.1
469	2BD.1
470	2BD.1
471	2BD.1
472	2BD.1
473	2BD.1
474	1BD.4
475	1BD.1
477	1BD.1
479	2BD.1
491	STUDIO.1
492	1BD.3
493	1BD.ADA.1
494	1BD.2
Grand total: 221	

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THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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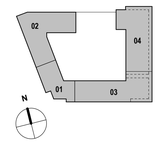
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
A1	ADD.01	2026_01-30



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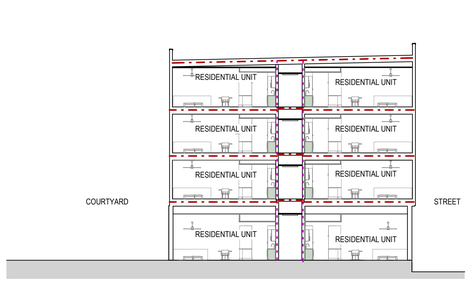
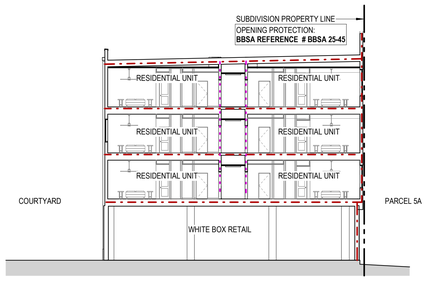
LEASABLE AREA PLANS

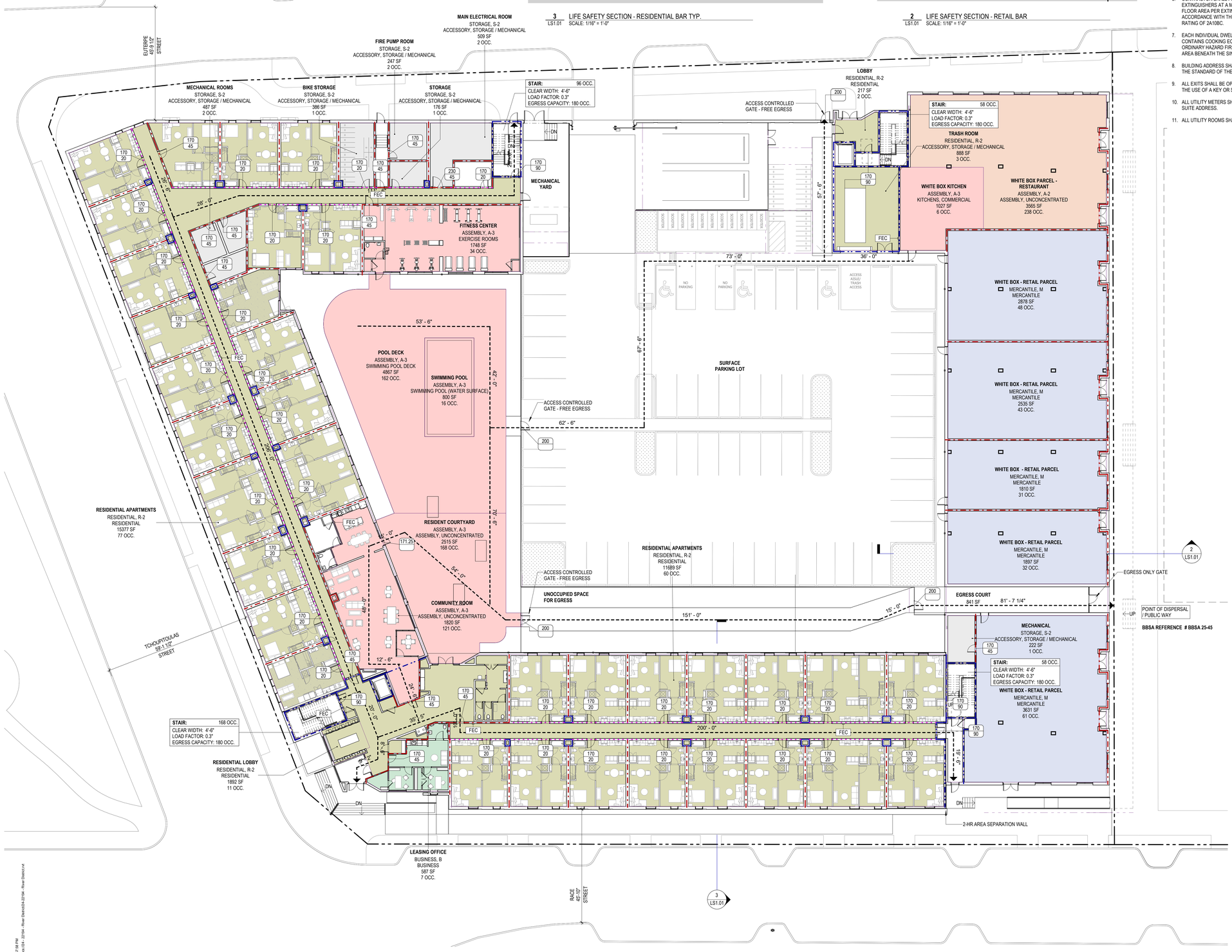
G1.01



3 LS1.01 LIFE SAFETY SECTION - RESIDENTIAL BAR TYP.
SCALE: 1/16" = 1'-0"



2 LS1.01 LIFE SAFETY SECTION - RETAIL BAR
SCALE: 1/16" = 1'-0"



1 LS1.01 LEVEL 01
SCALE: 1/16" = 1'-0"

GENERAL NOTES - LIFE SAFETY

1. ALL EXTERIOR WALLS, LOAD BEARING WALLS, FLOORS, ROOFS, AND PRIMARY STRUCTURAL FRAME ELEMENTS SHALL HAVE A MINIMUM 1HR FIRE RATED MEMBRANE PROTECTION. REF. STRUCTURAL FOR LOAD BEARING WALL LOCATIONS. REF. ARCHITECTURAL FLOOR PLANS AND LIFE SAFETY PLANS FOR ADDITIONAL FIRE RATED PARTITION & FIRE BARRIER LOCATIONS.
2. NON-SPRINKLERED COMBUSTIBLE CONCEALED SPACES SHALL BE FILLED WITH NON-COMBUSTIBLE INSULATION PER NFPA 13 SECTION 8.15.1.2.17
3. SEE ENGINEERING DRAWINGS FOR ALL FIRE ALARM WORK INCLUDING AND NOT LIMITED TO LOCATIONS OF ALL DEVICES TO BE LOCATED/COORDINATED WITH LOCATIONS OF LIGHT SWITCHES.
4. CONTRACTOR TO INCLUDE ALL TESTING, PROGRAMMING AND FINAL CONNECTIONS REQUIRED TO TIE INTO BUILDING LIFE SAFETY SUPPORT AND CLASS E SYSTEMS.
5. G.C. SHALL COORDINATE WITH ENGINEERING DRAWINGS FOR FIRE STROBES, SPEAKERS AND FIRE PULL STATION AS REQUIRED BY CODE.
6. CONTRACTOR SHALL PROVIDE ORDINARY HAZARD FIRE EXTINGUISHERS AT A MAX. TRAVEL DISTANCE OF 75'-0", MAX FLOOR AREA PER EXTINGUISHER 11,250 S.F. OR IN ACCORDANCE WITH THE LOCAL FIRE DEPARTMENT. MIN. RATING OF 2A10BC.
7. EACH INDIVIDUAL DWELLING UNIT (APARTMENT) THAT CONTAINS COOKING EQUIPMENT SHALL BE PROVIDED WITH ORDINARY HAZARD FIRE EXTINGUISHERS WITHIN THE KITCHEN AREA BENEATH THE SINK. MIN. RATING OF 2A10BC
8. BUILDING ADDRESS SHALL BE VISIBLE FROM THE STREET PER THE STANDARD OF THE LOCAL FIRE DEPARTMENT.
9. ALL EXITS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
10. ALL UTILITY METERS SHALL BE LABELED WITH THE BUILDING / SUITE ADDRESS.
11. ALL UTILITY ROOMS SHALL BE LABELED.

LIFE SAFETY SYMBOL LEGEND

AREA TAG
NAME
CLASSIFICATION — OCCUPANCY CLASSIFICATION
ACCESSORY, STORAGE / MECHANICAL — FUNCTION OF SPACE
XXX — FLOOR AREA
XXX OCC — OCCUPANTS

STAIR TAG:
OCCUPANT LOAD + CAPACITY
STAIR: 0 OCC. — NUMBER OF OCCUPANTS SERVED
CLEAR WIDTH: 3'-9" — CLEAR WIDTH
LOAD FACTOR: 0.3" — OCCUPANT LOAD FACTOR
EGRESS CAPACITY: 147 OCC. — EGRESS CAPACITY

MAJOR EGRESS DOOR TAG:
DOOR: XXX OCC. — NUMBER OF OCCUPANTS SERVED
RATING: XX MIN. — DOOR RATING
PROVIDED WIDTH: XX" — CLEAR WIDTH
EGRESS CAPACITY: XXX OCC. — EGRESS CAPACITY

GENERAL EGRESS DOOR TAG:
XXX — EGRESS CAPACITY
XX — DOOR RATING

SMOKE PARTITION
SMOKE BARRIER (1HR)
30M RATED WALL
1HR RATED WALL
2HR RATED WALL
3HR RATED WALL
5' - 4" — EGRESS DISTANCE
EGRESS PATH
FIRE EXTINGUISHER CABINET (SEMI RECESSED)
FIRE EXTINGUISHER

LIFE SAFETY - AREA & OCCUPANCY

NAME	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
LEVEL 01				
EGRESS COURT	841 SF	(none)		
	841 SF			
ASSEMBLY, A-2				
WHITE BOX PARCEL - RESTAURANT	3565 SF	ASSEMBLY, UNCONCENTRATED	15 SF	238
	3565 SF			
ASSEMBLY, A-3				
COMMUNITY ROOM	1820 SF	ASSEMBLY, UNCONCENTRATED	15 SF	121
FITNESS CENTER	1748 SF	EXERCISE ROOMS	50 SF	34
POOL DECK	4867 SF	ASSEMBLY, POOL DECK	30 SF	162
RESIDENT COURTYARD	2515 SF	ASSEMBLY, UNCONCENTRATED	15 SF	168
SWIMMING POOL	800 SF	ASSEMBLY, POOL	50 SF	16
WHITE BOX KITCHEN	1027 SF	KITCHENS, COMMERCIAL	200 SF	6
	12778 SF			
BUSINESS, B				
LEASING OFFICE	587 SF	BUSINESS	150 SF	7
	587 SF			
MERCANTILE, M				
WHITE BOX - RETAIL PARCEL	1810 SF	MERCANTILE	60 SF	31
WHITE BOX - RETAIL PARCEL	2878 SF	MERCANTILE	60 SF	48
WHITE BOX - RETAIL PARCEL	2535 SF	MERCANTILE	60 SF	43
WHITE BOX - RETAIL PARCEL	1897 SF	MERCANTILE	60 SF	32
WHITE BOX - RETAIL PARCEL	3631 SF	MERCANTILE	60 SF	61
	12752 SF			
RESIDENTIAL, R-2				
LOBBY	217 SF	RESIDENTIAL	200 SF	2
RESIDENTIAL APARTMENTS	15377 SF	RESIDENTIAL	200 SF	77
RESIDENTIAL APARTMENTS	11689 SF	RESIDENTIAL	200 SF	60
RESIDENTIAL LOBBY	1892 SF	RESIDENTIAL	200 SF	11
TRASH ROOM	888 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	3
	30063 SF			
STORAGE, S-2				
BIKE STORAGE	386 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1
FIRE PUMP ROOM	247 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
MAIN ELECTRICAL ROOM	509 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
MECHANICAL	222 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1
MECHANICAL ROOMS	487 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
STORAGE	176 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1
	2026 SF			
LEVEL 01	62612 SF			

LIFE SAFETY LEGEND - OCCUPANCY CLASSIFICATION

- ASSEMBLY, A-2
- ASSEMBLY, A-3
- BUSINESS, B
- MERCANTILE, M
- RESIDENTIAL, R-2
- STORAGE, S-2

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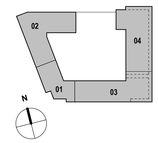
A1	ADD.01	2026_01-30



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ISSUE DATE
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LIFE SAFETY PLAN - LEVEL 01

LS1.01

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1 LEVEL 02 - LEVEL 04
LS1.02 SCALE: 1/16" = 1'-0"

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PROJECT BUILDING DIAGRAM

GENERAL NOTES - LIFE SAFETY

1. ALL EXTERIOR WALLS, LOAD BEARING WALLS, FLOORS, ROOFS, AND PRIMARY STRUCTURAL FRAME ELEMENTS SHALL HAVE A MINIMUM 1HR FIRE RATED MEMBRANE PROTECTION. REF. STRUCTURAL FOR LOAD BEARING WALL LOCATIONS. REF. ARCHITECTURAL FLOOR PLANS AND LIFE SAFETY PLANS FOR ADDITIONAL FIRE RATED PARTITION & FIRE BARRIER LOCATIONS.
2. NON-SPRINKLERED COMBUSTIBLE CONCEALED SPACES SHALL BE FILLED WITH NON-COMBUSTIBLE INSULATION PER NFPA 13 SECTION 8.15.1.2.17
3. SEE ENGINEERING DRAWINGS FOR ALL FIRE ALARM WORK INCLUDING AND NOT LIMITED TO LOCATIONS OF ALL DEVICES TO BE LOCATED/COORDINATED WITH LOCATIONS OF LIGHT SWITCHES.
4. CONTRACTOR TO INCLUDE ALL TESTING, PROGRAMMING AND FINAL CONNECTIONS REQUIRED TO TIE INTO BUILDING LIFE SAFETY SUPPORT AND CLASS E SYSTEMS.
5. G.C. SHALL COORDINATE WITH ENGINEERING DRAWINGS FOR FIRE STROBES, SPEAKERS AND FIRE PULL STATION AS REQUIRED BY CODE.
6. CONTRACTOR SHALL PROVIDE ORDINARY HAZARD FIRE EXTINGUISHERS AT A MAX. TRAVEL DISTANCE OF 75'-0", MAX FLOOR AREA PER EXTINGUISHER 11,250 S.F. OR IN ACCORDANCE WITH THE LOCAL FIRE DEPARTMENT. MIN. RATING OF 2A10BC.
7. EACH INDIVIDUAL DWELLING UNIT (APARTMENT) THAT CONTAINS COOKING EQUIPMENT SHALL BE PROVIDED WITH ORDINARY HAZARD FIRE EXTINGUISHERS WITHIN THE KITCHEN AREA BENEATH THE SINK. MIN. RATING OF 2A10BC
8. BUILDING ADDRESS SHALL BE VISIBLE FROM THE STREET PER THE STANDARD OF THE LOCAL FIRE DEPARTMENT.
9. ALL EXITS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
10. ALL UTILITY METERS SHALL BE LABELED WITH THE BUILDING / SUITE ADDRESS.
11. ALL UTILITY ROOMS SHALL BE LABELED.

LIFE SAFETY LEGEND - OCCUPANCY CLASSIFICATION

- ASSEMBLY, A-3
- RESIDENTIAL, R-2
- STORAGE, S-2

LIFE SAFETY SYMBOL LEGEND

AREA TAG

NAME — OCCUPANCY CLASSIFICATION
ACCESSORY, STORAGE / MECHANICAL — FUNCTION OF SPACE
XXX — FLOOR AREA
XXX OCC — OCCUPANTS

STAIR TAG: OCCUPANT LOAD + CAPACITY

STAIR: 0 OCC. — NUMBER OF OCCUPANTS SERVED
CLEAR WIDTH: 3'-8" — CLEAR WIDTH
LOAD FACTOR: 0.3" — OCCUPANT LOAD FACTOR
EGRESS CAPACITY: 147 OCC. — EGRESS CAPACITY

MAJOR EGRESS DOOR TAG:

DOOR: XXX OCC. — NUMBER OF OCCUPANTS SERVED
RATING: XX MIN. — DOOR RATING
PROVIDED WIDTH: XX" — CLEAR WIDTH
EGRESS CAPACITY: XXX OCC. — EGRESS CAPACITY

GENERAL EGRESS DOOR TAG:

XXX — EGRESS CAPACITY
XX — DOOR RATING

- SMOKE PARTITION
- SMOKE BARRIER (1HR)
- 30M RATED WALL
- 1HR RATED WALL
- 2HR RATED WALL
- 3HR RATED WALL
- 5' - 4" EGRESS DISTANCE
- EGRESS PATH
- 10 FIRE EXTINGUISHER CABINET (SEMI RECESSED)
- FIRE EXTINGUISHER

LIFE SAFETY - AREA & OCCUPANCY

NAME	AREA	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
LEVEL 02				
ASSEMBLY, A-3				
RESIDENTIAL AMENITY	1716 SF	ASSEMBLY, UNCONCENTRATED	15 SF	115
	1716 SF			
RESIDENTIAL, R-2				
ELEV LOBBY	273 SF	RESIDENTIAL	200 SF	1
ELEVATOR LOBBY	228 SF	RESIDENTIAL	200 SF	1
RESIDENTIAL APARTMENTS	21138 SF	RESIDENTIAL	200 SF	105
RESIDENTIAL APARTMENTS	12669 SF	RESIDENTIAL	200 SF	63
RESIDENTIAL APARTMENTS	20315 SF	RESIDENTIAL	200 SF	101
	54623 SF			
STORAGE, S-2				
ELECTRICAL	491 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
LOCKABLE STORAGE	181 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1
MECHANICAL	353 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
MECHANICAL	342 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	2
TRASH CHUTE ENCLOSURE	62 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1
	1429 SF			
LEVEL 02	57769 SF			
	120380 SF			

BUILDING ALLOWABLE AREA - IBC 506.2.2 & 508.4.2

BUILDING A PERIMETER

PERIMETER @ OPEN STREET: 804' - 10 1/4"
PERIMETER @ SITE INTERIOR: 545' - 7 1/8"

TOTAL BLDG A PERIMETER: 1,350' - 5 3/8"

% of PERIMETER FACING OPEN STREET: 59.6%

FRONTAGE DISTANCE: 30 or GREATER (REF STREET DIMENSIONS ON LS1.01)

FRONTAGE INCREASE FACTOR: 0.50

BUILDING B PERIMETER

PERIMETER @ OPEN STREET: 191' - 7 3/4"
PERIMETER @ SITE INTERIOR: 628' - 7 3/4"

TOTAL B PERIMETER: 820' - 3 1/2"

% of PERIMETER FACING OPEN STREET: 23.3%

FRONTAGE DISTANCE: 30 or GREATER (REF STREET DIMENSIONS ON LS1.01)

FRONTAGE INCREASE FACTOR: 0

BUILDING A
IBC 506.2.2, EQUATION 5-3

LEVEL 01:

R-2
28,958 SQ FT ACTUAL, 42,000 SQ FT ALLOWED
0.804

B
589 SQ FT ACTUAL, 63,000 SQ FT ALLOWED
0.009

A-3
3,568 SQ FT ACTUAL, 40,250 SQ FT ALLOWED
0.089

S-2
1,296 SQ FT ACTUAL, 73,500 SQ FT ALLOWED
0.020

TOTAL: 0.92
LESS THAN 1 PER IBC 508.4.2

LEVELS 02, 03, & 04

R-2
34,035 SQ FT ACTUAL, 42,000 SQ FT ALLOWED
0.810

A-3
1,716 SQ FT ACTUAL, 40,250 SQ FT ALLOWED
0.043

TOTAL: 0.85 (LESS THAN 1)

BUILDING A TOTAL ALLOWABLE AREA

LEVEL 01: 0.92
LEVEL 02: 0.85
LEVEL 03: 0.85
LEVEL 04: 0.85

TOTAL BUILDING A: 3.47
LESS THAN 4 PER IBC 506.2.2

BUILDING B
IBC 506.2.2, EQUATION 5-3

LEVEL 01:

R-2
1,105 SQ FT ACTUAL, 36,000 SQ FT ALLOWED
0.030

A-2
3,565 SQ FT ACTUAL, 34,500 SQ FT ALLOWED
0.103

A-3
1027 SQ FT ACTUAL, 34,500 SQ FT ALLOWED
0.029

M
12,752 SQ FT ACTUAL, 42,000 SQ FT ALLOWED
0.303

TOTAL: 0.47
LESS THAN 1 PER IBC 508.4.2

LEVELS 02, 03, & 04

R-2
20,588 SQ FT ACTUAL, 36,000 SQ FT ALLOWED
0.572

S-2
757 SQ FT ACTUAL, 63,000 SQ FT ALLOWED
0.012

TOTAL: 0.58 (LESS THAN 1)

BUILDING B TOTAL ALLOWABLE AREA

LEVEL 01: 0.47
LEVEL 02: 0.58
LEVEL 03: 0.58
LEVEL 04: 0.58

TOTAL BUILDING A: 2.21
LESS THAN 4 PER IBC 506.2.2

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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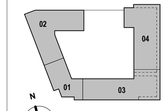

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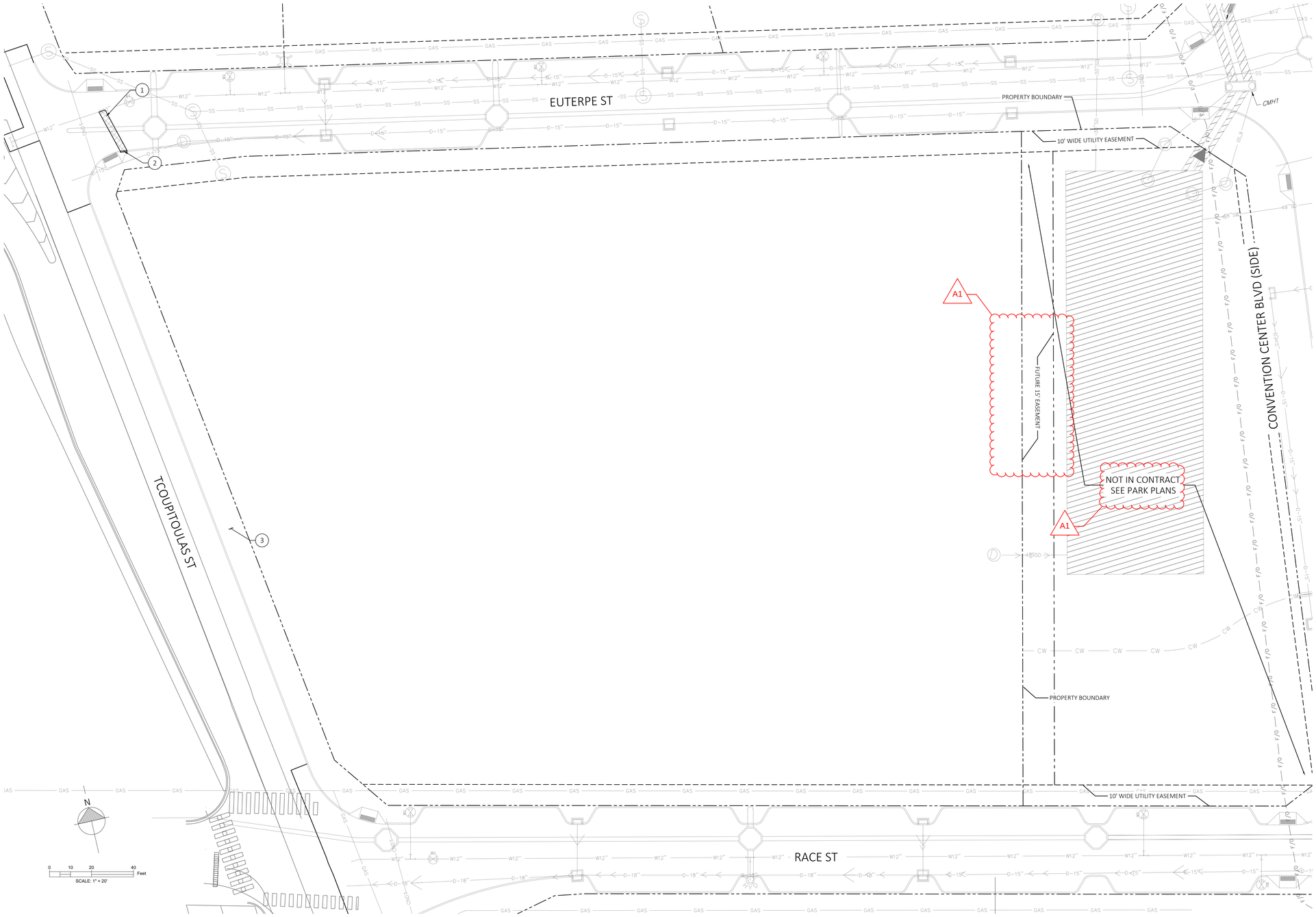
LIFE SAFETY PLAN - LEVELS 02-04

LS1.02



DEMOLITION LEGEND

REMOVE EXISTING PAVEMENT

1. REMOVE EXISTING PAVEMENT FOR UTILITY TRENCH. SAW CUT AT EDGE TO PROVIDE CLEAN EDGE.
2. REMOVE EXISTING CURB
3. REMOVE ANY REMAINING SIDEWALK PAVEMENT ALONG TCHOUPITOULAS ADJACENT TO PROJECT SITE

C1.00 DEMOLITION PLAN

DEMOLITION NOTES:

1. CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY AGENCIES TO VERIFY THAT UTILITY SERVICES HAVE BEEN TERMINATED OR DISCONNECTED PRIOR TO REMOVAL OF STRUCTURES (BUILDINGS), WATER METERS, GAS METERS, ETC.

2. THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN PLOTTED BASED UPON DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR OBTAINED FROM RECORDS MADE AVAILABLE TO USE BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF UTILITIES ARE SHOWN. THE ACTUAL NON-VISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATIONS PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON. PRIOR TO EXCAVATION AND DIGGING CALL LOUISIANA ONE CALL (#811).

3. CONTRACTOR SHALL FILL TRENCHES/VOIDS CREATED BY REMOVAL OF PIPES, DROP INLETS, TREES, STRUCTURES, ETC. WITH SELECT STRUCTURAL FILL. REMOVAL AND BACKFILLING OF THESE ITEMS SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN SECTION 202 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LSSRD), 2006 EDITION.

4. CLEARING AND STRIPPING - CONTRACTOR SHALL CLEAR THE EXISTING GROUND SURFACE OF PAVEMENT, VEGETATION, STUMPS, LOOSE TOPSOIL, DEBRIS, LOOSE FILL, ORGANIC MATTER, DEMOLITION DEBRIS, AND ANY OTHER DELETERIOUS MATERIALS. STRIPPING SHOULD BE TO A DEPTH NECESSARY TO REMOVE VEGETATION AND ROOTS AND REACH FIRM UNDISTURBED SOIL. CLEARING SHALL SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN SECTION 201 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LSSRD), 2006 EDITION. TOPSOIL, EXISTING ROOTS, ORGANIC MATERIAL, AND ANY FILL MATERIAL REMOVED FROM AREAS BELOW NEW RETAINING WALLS AND PAVEMENT CAN BE USED AS TOPSOIL IN LANDSCAPE AREAS

5. SUBGRADE PREPARATION - AFTER REACHING FIRM UNDISTURBED SOIL, EXPOSED GROUND SHALL BE PROOF ROLLED WITH A BULLDOZER, COMPACTOR OR TRACKED VEHICLE EXERTING A GROUND PRESSURE BETWEEN 10 AND 15 PSI. NO VIBRATORY SYSTEM (IF PRESENT) SHALL BE USED DURING PROOF ROLLING. PROOF ROLLING SHALL BE PERFORMED DURING PERIODS OF DRY WEATHER. THE GEO-TECHNICAL ENGINEER SHALL BE PRESENT DURING PROOF ROLLING.

6. CONTRACTOR SHALL PROVIDE DRAINAGE AWAY FROM PLANNED PAVING AREAS TO PREVENT WATER PONDING ON THE SITE DURING CONSTRUCTION.

7. STRUCTURAL FILL - SHALL BE DEFINED AS A SELECT GRANULAR MATERIAL (SUCH AS LOCALLY AVAILABLE RIVER SAND). SAND FILL (AASHTO A-3) SHOULD BE NON PLASTIC AND FREE OF ROOTS, CLAY LUMPS, AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING A U.S. STANDARD NO. 200 MESH SIEVE. THE MAXIMUM ORGANIC CONTENT SHOULD NOT EXCEED 5% BY WEIGHT. PRIOR TO TRANSPORTING STRUCTURAL FILL TO THE SITE, A SAMPLE SHOULD BE TESTED TO VERIFY ITS CONFORMANCE TO THESE RECOMMENDATIONS.

8. COMPACTION - STRUCTURAL FILL USED BENEATH GRADE SUPPORTED FOOTINGS AND PAVEMENTS SHOULD BE PLACED IN 6 TO 8-IN. LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY NEAR OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D 1557. STRUCTURAL FILL OR GENERAL FILL USED FOR NON-STRUCTURAL GRADING SHOULD BE SPREAD IN LOOSE LIFTS OF 10 TO 12 INCHES AND COMPACTED BY SEVERAL PASSES OF A BULLDOZER.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION AND SHALL IMMEDIATELY REPORT ANY DAMAGES TO THE UTILITY ENTITIES. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. ALL REPAIRS SHALL BE DONE AT THE CONTRACTORS EXPENSE.

10. ANY WORK IN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR NOTIFICATION TO CITY OF NEW ORLEANS DPW TRAFFIC ENGINEERING DIVISION AND CONFORMITY TO THE REQUIREMENTS OF THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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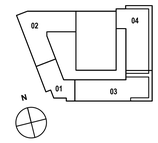
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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DEMOLITION PLAN

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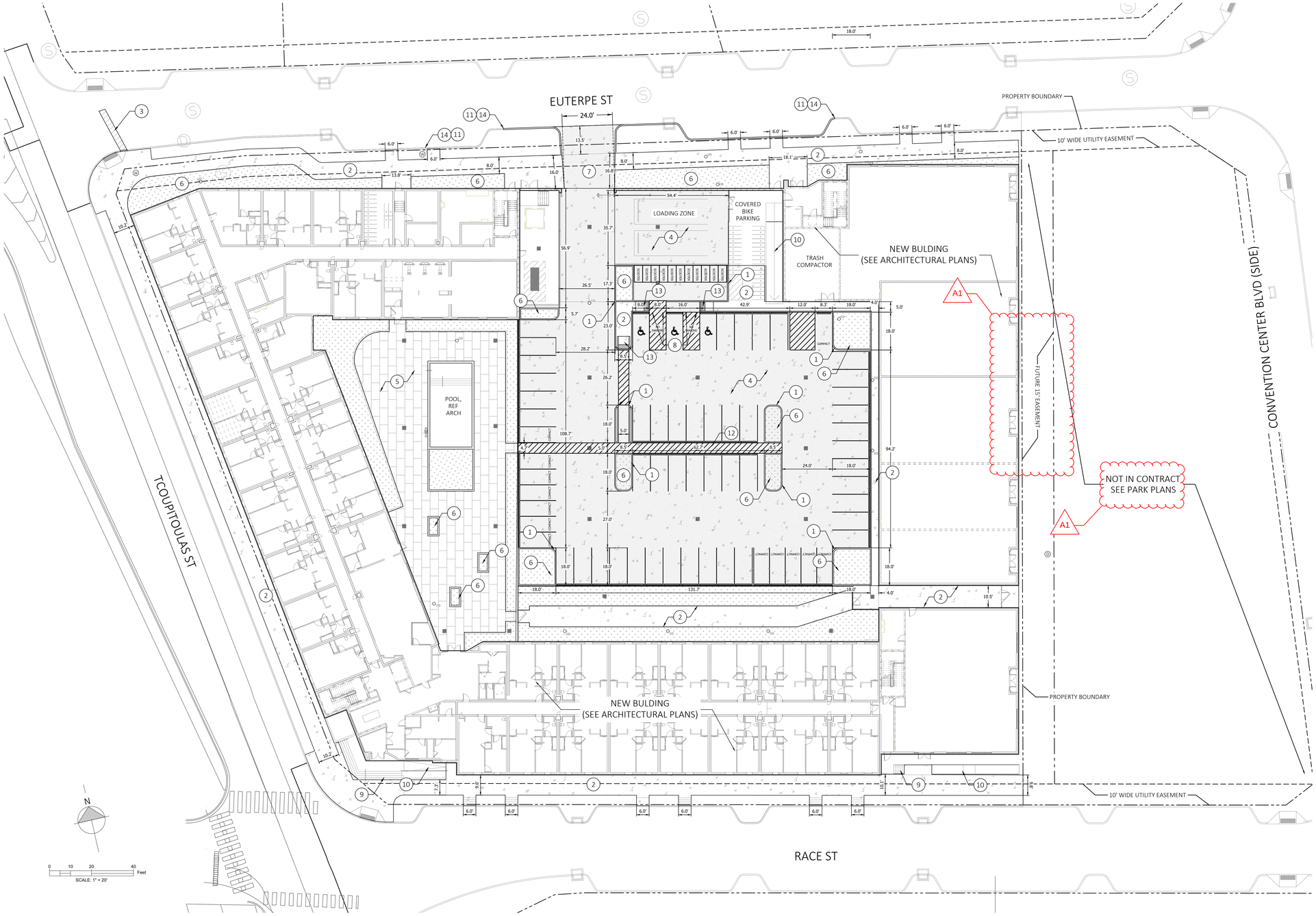

SITE PLAN LEGEND

- 4" CONCRETE PAVEMENT
- VEHICULAR CONCRETE PAVEMENT
- PLANTING AREA (SEE LANDSCAPE)

1. 6" INTEGRAL BARRIER CURB (SEE DETAIL 5, SHT C5.00)
2. 4" CONCRETE SIDEWALK SIDEWALK PER DPW STD (SEE DETAIL 1, SHT C5.00)
3. REPLACE ROADWAY PAVEMENT, IN KIND. VERIFY PAVEMENT SECTION IN FIELD AND NOTIFY ENGINEER.
4. VEHICULAR PAVEMENT (SEE DETAIL 4, SHT C5.00)
5. PAVERS AT POOL DECK (SEE LANDSCAPE)
6. PLANTING AREAS (SEE LANDSCAPE)
7. 6" CONCRETE DRIVEWAY PER DPW STD (SEE DETAIL 2, SHT C5.00)
8. BOLLARD (SEE DETAIL 3, SHT C5.00)
9. CONCRETE STAIRS W/ HANDRAIL (SEE ARCH/STRUCTURAL)
10. CONCRETE RAMP W/ HANDRAIL (SEE ARCH/STRUCTURAL)
11. TIE INTO EXISTING CURB WITH DOWELS.
12. PAVEMENT MARKINGS (TYP.) SEE SHT C2.01 FOR LAYOUT
13. CURB RAMP (SEE DETAIL 10, SHT C5.00)
14. 6" BARRIER CURB AND GUTTER (SEE DETAIL 6, SHT C5.00)

C2.00 SITE PLAN

SITE PLAN NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK, VERIFYING ALL MEASUREMENTS AND GRADES AND REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE STARTING CONSTRUCTION.
2. ANY WORK IN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR NOTIFICATION TO CITY OF NEW ORLEANS DPW TRAFFIC ENGINEERING DIVISION AND CONFORMITY TO THE REQUIREMENTS OF THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.
3. REFER TO BOUNDARY SURVEY FOR EXISTING MONUMENTS TO LAYOUT PROPERTY LINE.
4. BRING UP GRADE UNDER ALL PAVEMENT WITH STRUCTURAL FILL COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
5. ALL DIMENSIONS SHOWN ARE FROM:
   - FACE OF CURB TO FACE OF CURB
   - FACE OF CURB TO PROPERTY LINE
   - FACE OF CURB TO CENTER OF STRUCTURE (DROP INLET, MANHOLE, ETC.)
   - PROPERTY LINE TO BUILDING FACE
6. ALL CURB RADII SHALL BE 3 FEET UNLESS OTHERWISE NOTED ON THIS PLAN.
7. ALL PAINT STRIPING, PAVEMENT MARKINGS, AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" OR AS OTHERWISE SPECIFIED. ALL REFERENCED SIGN STANDARDS ARE TAKEN FROM THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". ALL NEW SIGNS SHALL BE MOUNTED ON GALVANIZED POSTS AND IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
8. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES SHOWN ON THE APPROVED PLANS FOR THE DURATION OF CONSTRUCTION OR UNTIL FINAL INSPECTION.

SURVEY BY OTHERS

1. SITE ELEMENTS AND TOPOGRAPHY PER ~~RDNI DESIGN DRAWINGS FROM ILS;~~
2. PROPERTY BOUNDARIES PER BOUNDARY SURVEY TITLED "LOT 5A AND LOT 5B; SQUARE RP-1 AND SQUARE 41; MUNICIPAL DISTRICT #1; ORLEANS PARISH; LOUISIANA" BY LINFIELD, HUNTER AND JUNIUS, INC. DATED 6/10/25. A1

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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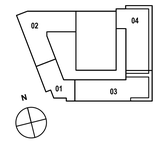

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SITE PLAN

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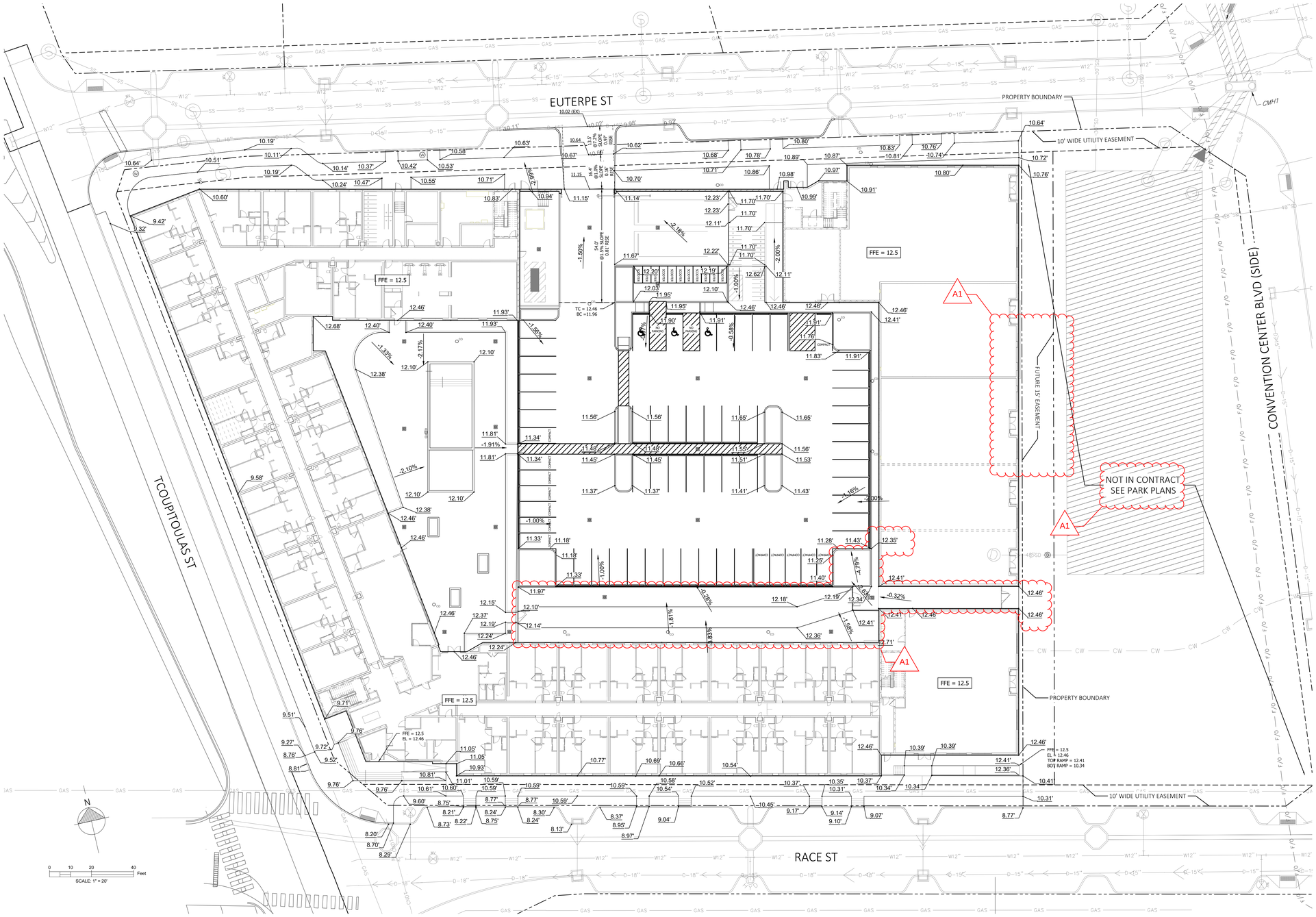
C2.00



GRADING PLAN LEGEND

- EXISTING ELEVATION
- NEW SPOT ELEVATION
- GRADE ARROW AND SLOPE
- GRADE CHANGE LINE

TOC = TOP OF CASTING
INV = INVERT (DIRECTION)
TC = TOP OF CURB
(EX) = MEET EXISTING GRADE
SW = SIDEWALK

C3.00 GRADING PLAN

GRADING PLAN NOTES:

1. SEE SITE PLAN AND ARCH. PLAN DRAWINGS FOR GEOMETRY ASSOCIATED WITH NEW CONSTRUCTION.
2. CONTRACTOR SHALL LAY OUT THE WORK AND VERIFY ALL DIMENSIONS AND GRADES INDICATED ON THE DRAWINGS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING CONSTRUCTION.
3. IN ORDER TO ENCOURAGE INFILTRATION OF STORMWATER AND TO MINIMIZE THE MIGRATION OF SEDIMENT(S), THE FINISHED GRADE FOR ALL LANDSCAPE AND/OR PLANTED AREAS SHALL BE SET A MINIMUM OF 3" BELOW SURROUNDING HARDSCAPE CONTAINMENTS (CURBING, SIDEWALKS, FOUNDATIONS, ETC.). THIS STANDARD MAY BE WAIVED IF NECESSARY TO PROMOTE THE PRESERVATION OF EXISTING TREES SHOWN AS SUCH.
4. GRADES SHOWN ARE NAVD 88. REFERENCE EXISTING TOPOGRAPHIC SURVEY AND RDNI DESIGN DRAWINGS FROM ILSI FOR VERTICAL CONTROL POINTS.

SWMP REVIEW NOTES:

1. NOTIFICATION: PURSUANT TO BUILDING CODE SECTION 121.17; PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, POST-CONSTRUCTION CERTIFICATION INCLUDING AS-BUILT DRAWINGS, AFFIDAVIT FROM DESIGNER/S, AND PERFORMANCE BOND BASED UPON THE ACTUAL COST OF CONSTRUCTION MUST BE SUBMITTED FOR APPROVAL. AFTER FINAL INSPECTION THESE DOCUMENTS MUST BE RECORDED WITH THE CIVIL DISTRICT CLERK COURT.

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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NOT FOR CONSTRUCTION

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GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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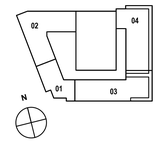

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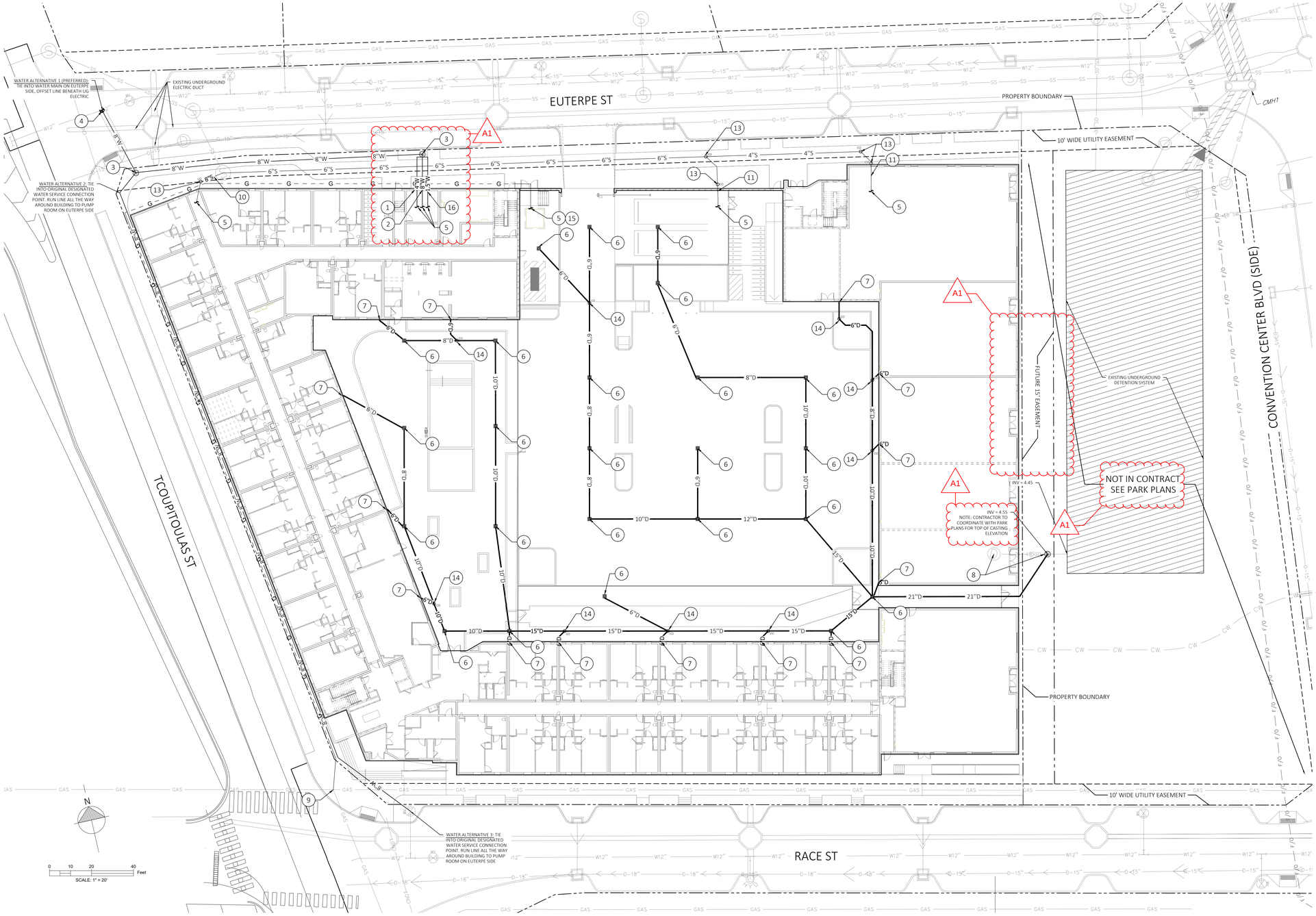
GRADING PLAN

Louisiana One Call before you dig. 1-800-272-3020

C3.00



C4.00 UTILITY PLAN

UTILITY PLAN LEGEND

- (SIZE) W — REQ'D WATER LINE
- (SIZE) S — REQ'D SEWER LINE
- (SIZE) D — REQ'D DRAIN LINE

TOC=-3.68 INV(E)=-6.57 INV(W)=-6.65 INV(N)=-5.89 — TOC = TOP OF CASTING; INV = INVERT (DIRECTION)

- (W) REQ'D WATER MANHOLE
- (S) REQ'D SEWER MANHOLE
- (D) REQ'D DRAIN MANHOLE
- REQ'D DROP INLET
- REQ'D OVERFLOW DRAIN
- REQ'D DRAIN CLEANOUT
- REQ'D TEE

1. 4" DOMESTIC WATER SERVICE LINE PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE IN TO METER. SEE MEP FOR BACKFLOW PREVENTER.
2. 8" FIRE WATER SERVICE LINE PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE IN TO METER. SEE MEP FOR BACKFLOW PREVENTER.
3. WATER MANHOLE WITH DOMESTIC AND IRRIGATION METERS AND SHUT OFF VALVES
4. 8" WATER SERVICE CONNECTION PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE INTO MAIN
5. SEE MEP FOR CONTINUATION OF UTILITY LINE INSIDE BUILDING
6. REQUIRED AREA DRAIN (SEE DETAIL 12, SHT C5.00)
7. DOWNSPOUT CONNECTION TO SUBSURFACE DRAIN LINE (SEE DETAIL 13, SHT C5.00)
8. RELOCATE EXISTING MANHOLE AND CONNECT TO DRAINLINE FROM BUILDING AND EXISTING 48" DRAINLINE INTO EXISTING UNDERGROUND DETENTION SYSTEM.
9. TIE GAS LINE INTO MAIN. COORDINATE WITH DELTA UTILITIES FOR GAS SERVICE TO SITE
10. 8" SANITARY SEWER CONNECTION PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE IN TO EXISTING SEWER MANHOLE.
11. 4" SANITARY SEWER CONNECTION PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE IN TO MAIN.
12. NOT USED
13. 2-WAY SEWER CLEANOUT
14. REQUIRED DRAIN CLEANOUT (SEE DETAIL 11, SHT C5.00)
15. GAS CONNECTION TO BUILDING
16. 1.5" IRRIGATION SERVICE LINE PER SWBNO STANDARDS. COORDINATE WITH SWBNO FOR TIE IN TO METER. SEE MEP FOR BACKFLOW PREVENTER. REFER TO LANDSCAPE FOR IRRIGATION LAYOUT.

UTILITY NOTES:

1. UTILITY EXCAVATIONS SHALL CONFORM TO THE CURRENT OSHA EXCAVATION AND TRENCH SAFETY STANDARDS.
2. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST ORLEANS PARISH UTILITY DEPARTMENT STANDARDS AND SPECIFICATIONS.
3. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS.
4. CONTRACTOR SHALL COORDINATE ANY INTERRUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION, AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING OR CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL NOTIFY THE CITY UTILITY DEPARTMENT FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
6. ANY PLANNED INTERRUPTION OF UTILITY SERVICE SHALL BE GIVEN A 48 HOUR NOTICE TO THE UTILITY COMPANY AND THE OWNER.
7. THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN PLOTTED BASED UPON DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR OBTAINED FROM RECORDS MADE AVAILABLE TO USE BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF UTILITIES ARE SHOWN. THE ACTUAL NON-VISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATIONS PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON. PRIOR TO EXCAVATION AND DIGGING CALL LOUISIANA ONE CALL (#811).
8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES.
9. CONTRACTOR MUST FIELD VERIFY ALL EXISTING DRAINAGE & SEWER INVERTS. NOTIFY ENGINEER OF ANY PROBLEMS BEFORE CONSTRUCTION BEGINS.
10. CONTRACTOR TO COORDINATE SEWER AND WATER CONNECTIONS WITH SEWERAGE AND WATER BOARD OF NEW ORLEANS.

S&WB NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH S&WB GENERAL SPECIFICATIONS, S&WB STANDARD DRAWINGS, AND S&WB DRAWING NO. 7260.
2. CONTRACTOR SHALL CONTACT HADI AMINI (504-865-0445) OF S&WB CONSTRUCTION ADMINISTRATION AND INSPECTION DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION.
3. CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB CONSTRUCTION ADMINISTRATION DEPARTMENT BEFORE BEGINNING CONSTRUCTION
   - 3.1. PROOF OF LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTORS LICENSE
   - 3.2. DEPARTMENT OF PUBLIC WORKS STREET CUT PERMIT
   - 3.3. PROOF OF INSURANCE INDEMNIFYING THE S&WB OF NEW ORLEANS IN THE AMOUNT OF AT LEAST $5,000,000.00
4. ANY WORK OUTSIDE OF THE PUBLIC RIGHT OF WAY MUST BE REVIEWED AND APPROVED BY THE SEWERAGE AND WATER BOARD OF NEW ORLEANS PLUMBING DEPARTMENT IN ADVANCE OF CONSTRUCTION. A LICENSED MASTER PLUMBER MUST CONTACT THE PLUMBING DEPARTMENT AT 504-585-2160 TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF S&WB ENGINEERING DOES NOT RELIEVE THE PLUMBER OF THIS OBLIGATION.
5. THE METER SHALL BE INSTALLED AS RECEIVED FROM S&WB METER DEPARTMENT AND MAY NOT BE MODIFIED IN ANY MANNER. ANY MODIFICATIONS WILL VOID THE UL WARRANTY AND, AS SUCH, MAY SUBJECT THE OWNER TO FINANCIAL PENALTY AND LOSS OF SERVICE.
6. ALL BRONZE/ BRASS FITTINGS, CONNECTORS CORPORATION STOPS AND APPURTENANCES USED IN CONJUNCTION WITH PE TUBING SHALL BE DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE BRONZE/BRASS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM, AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.

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TRAPOLIN**PEER**
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1494 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
2439 MANHATTAN BLVD, STE. 500
HARVEY, LA 70058
504.291.6100

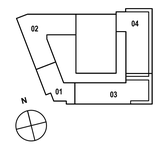
CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

MARAIS
CONSULTANTS, LLC
2018 JENA STREET
NEW ORLEANS, LA 70115
504.350.2644
maraisconsultants.com

PROFESSIONAL OF RECORD:
jake@maraisconsultants.com



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PROJECT NUMBER
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UTILITY PLAN

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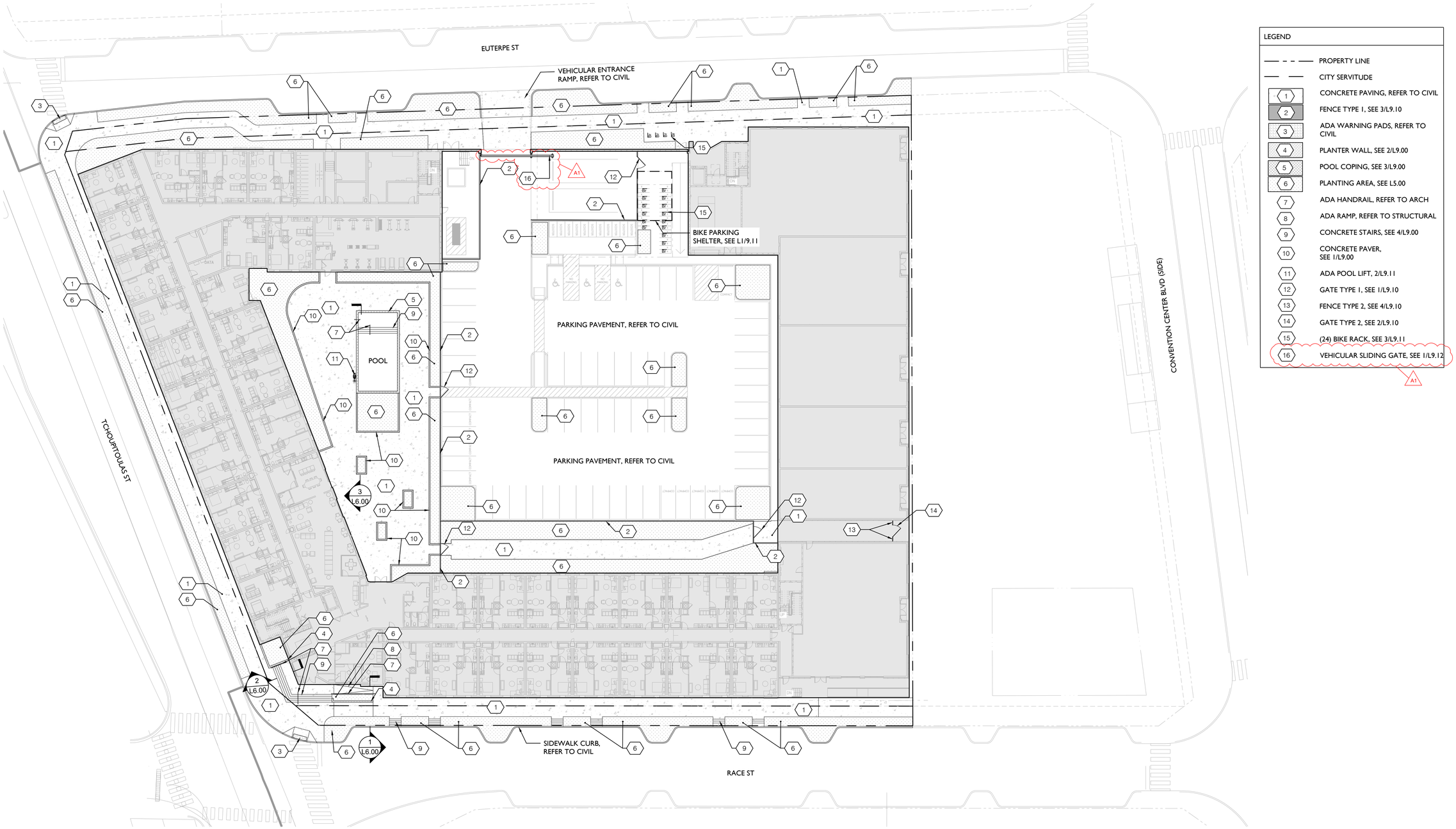
C4.00



1 MATERIALS PLAN
Scale: 1"=20'-0"

Plan
0 10 20 40
Scale: 1"= 20'-0"

LEGEND

- PROPERTY LINE
- CITY SERVITUDE
- 1 CONCRETE PAVING, REFER TO CIVIL
- 2 FENCE TYPE 1, SEE 3/L9.10
- 3 ADA WARNING PADS, REFER TO CIVIL
- 4 PLANTER WALL, SEE 2/L9.00
- 5 POOL COPING, SEE 3/L9.00
- 6 PLANTING AREA, SEE L5.00
- 7 ADA HANDRAIL, REFER TO ARCH
- 8 ADA RAMP, REFER TO STRUCTURAL
- 9 CONCRETE STAIRS, SEE 4/L9.00
- 10 CONCRETE PAVER, SEE 1/L9.00
- 11 ADA POOL LIFT, 2/L9.11
- 12 GATE TYPE 1, SEE 1/L9.10
- 13 FENCE TYPE 2, SEE 4/L9.10
- 14 GATE TYPE 2, SEE 2/L9.10
- 15 (24) BIKE RACK, SEE 3/L9.11
- 16 VEHICULAR SLIDING GATE, SEE 1/L9.12 (A1)

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OWNER
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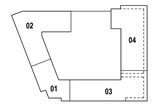
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
KENNETH MICHAELS
Reg. No.M-308
LICENSED LANDSCAPE ARCHITECT
30 JANUARY 2026

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
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MATERIALS PLAN

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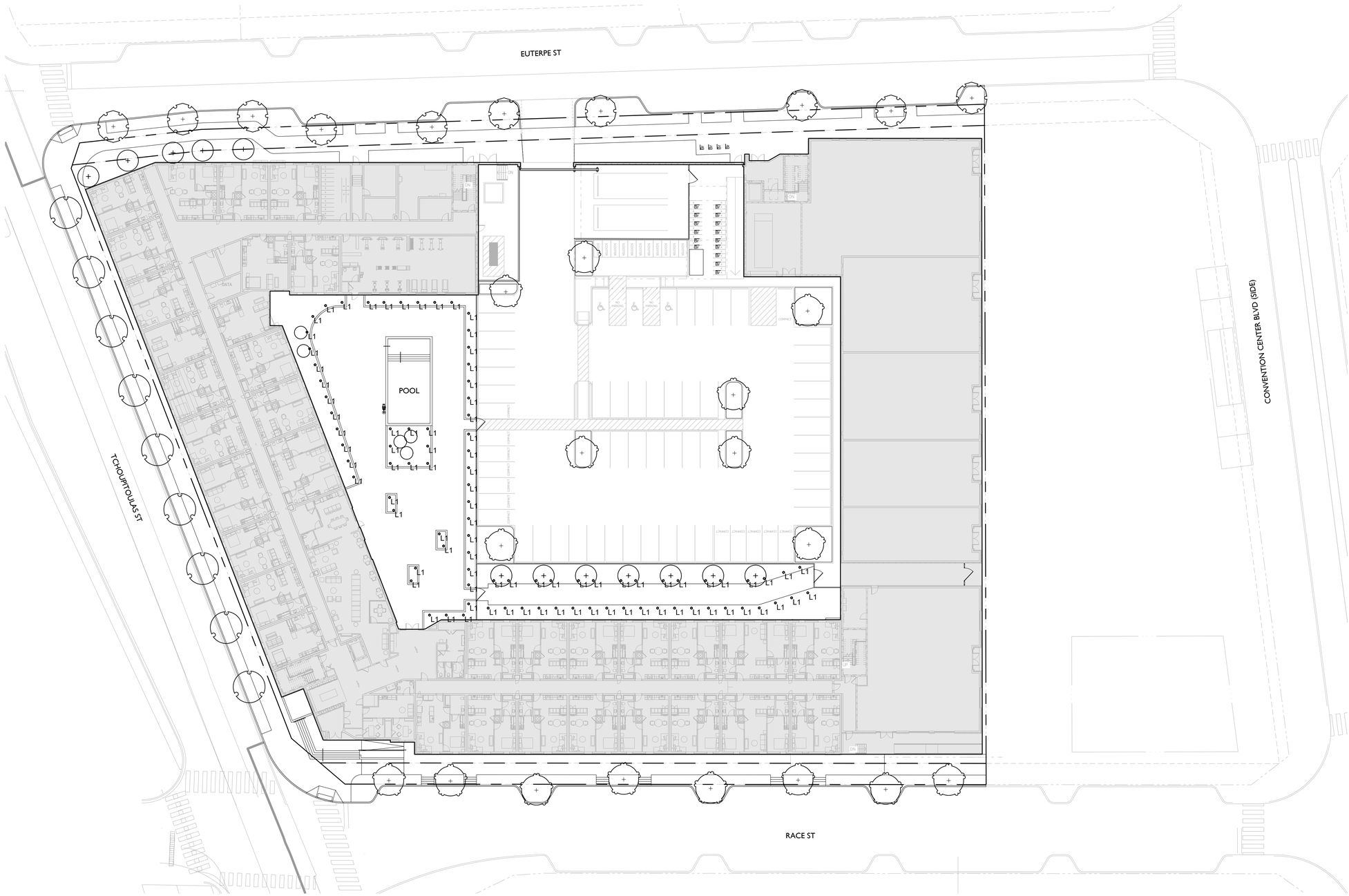
1824 Sophie Wright Place
New Orleans | LA | 70130
T: 504.218.8991

L2.00



1 LANDSCAPE LIGHTING PLAN
Scale: 1"=20'-0"

Plan N
0 10 20 40
Scale: 1"= 20'-0"

LEGEND	
	PROPERTY LINE
	CITY SERVITUDE
+	PROPOSED TREE
L1	(90)LANDSCAPE UPLIGHT, SEE NOTES

NOTES
1. L1 - UPLIGHT MANUFACTURER: VISION 3 LIGHTING MODEL #: FL1A-BL-RND-C2-KI-142-L1-0-0

A1

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CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
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STATE OF LOUISIANA
KENNETH MICHAELS
Reg. No. M-3052
LICENSED LANDSCAPE ARCHITECT
30 JANUARY 2026

INITIAL ISSUE & REVISIONS		
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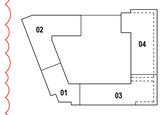
A1	ADD.01	2026_01-30



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LANDSCAPE LIGHTING PLAN

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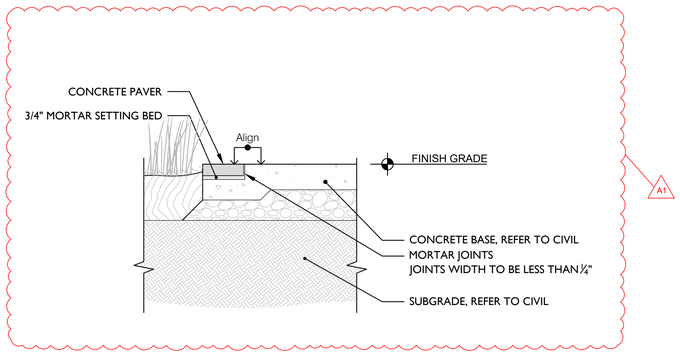
L2.10



1 CONCRETE PAVER DETAIL
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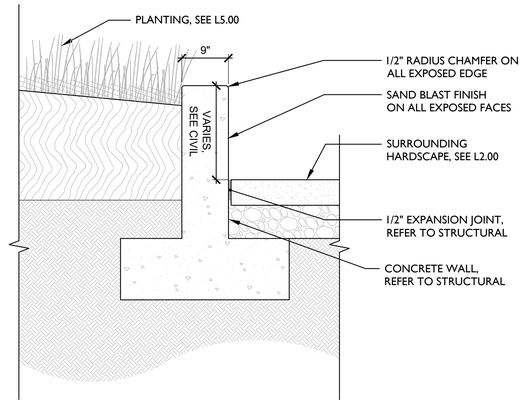

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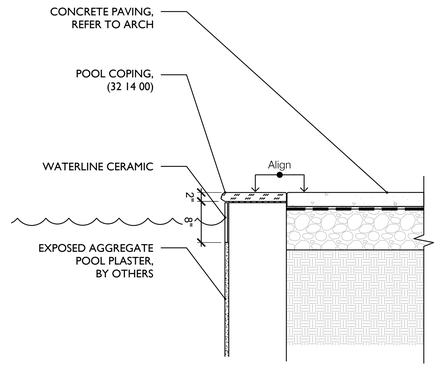

3 POOL COPING DETAIL
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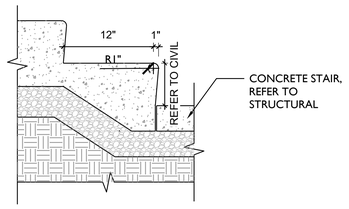

4 CONCRETE STAIRS DETAIL
Scale: 1"=1'-0"

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THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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CONTRACTOR
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504.733.4336

STATE OF LOUISIANA
KENNETH MICHAELS
Reg. No. 54 308
LICENSED LANDSCAPE ARCHITECT

30 JANUARY 2026

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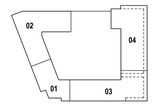

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SITE DETAILS

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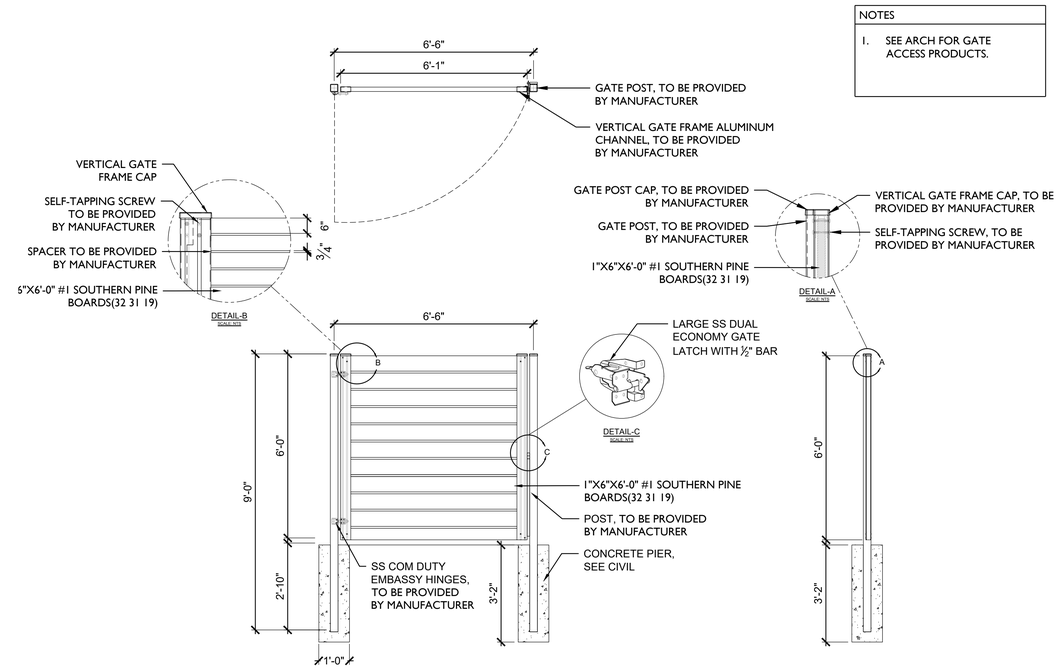
L9.00



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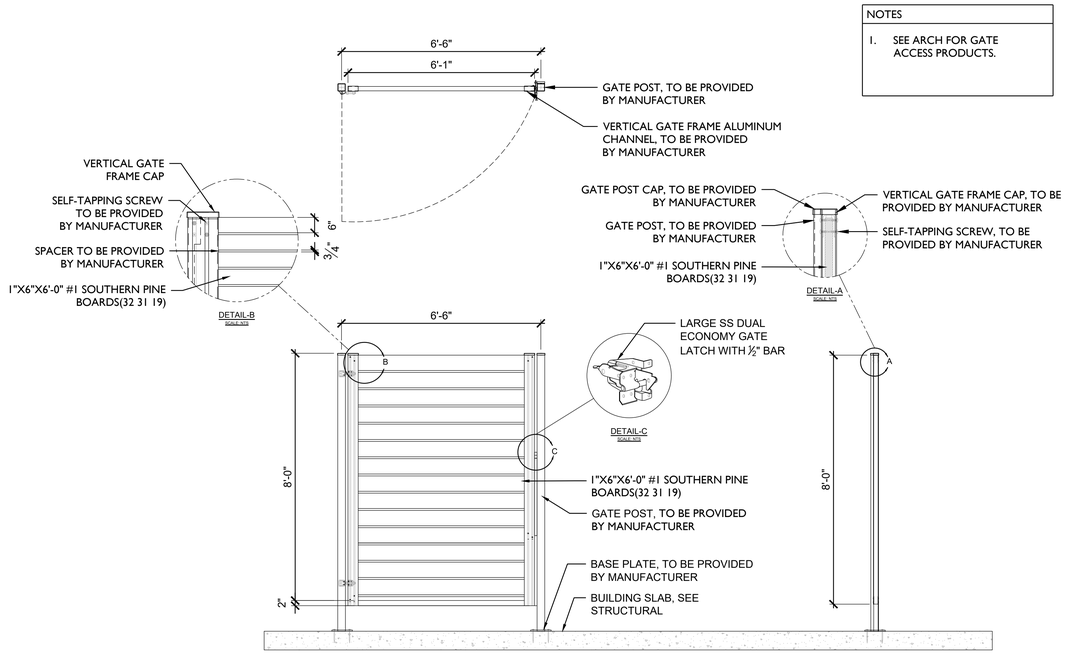
N.T.S. A1



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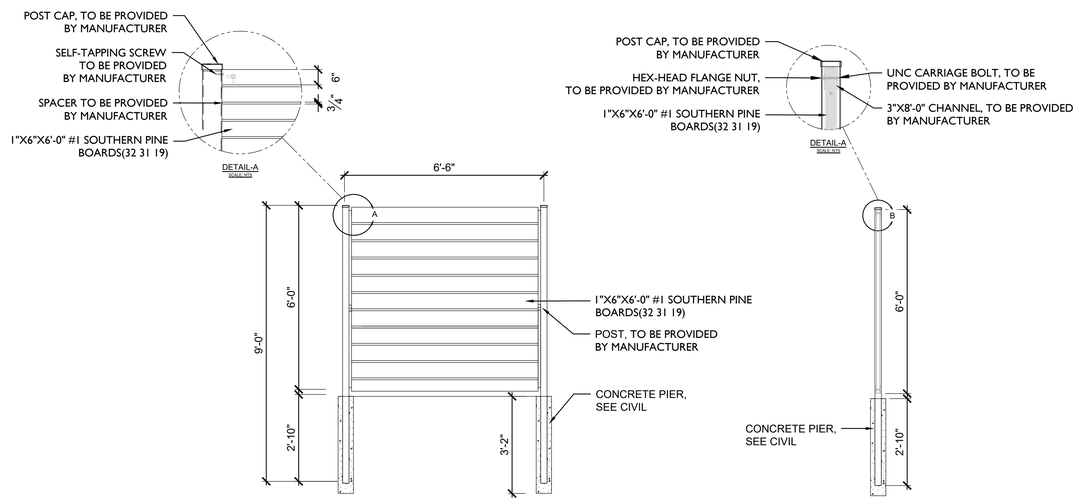

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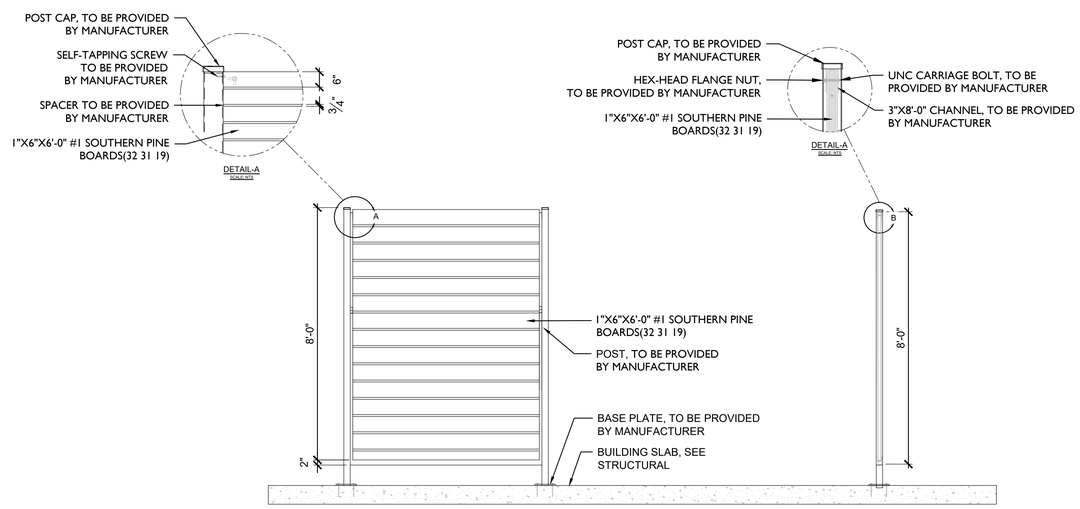

4 FENCE TYPE 2 DETAILS (32 31 19) Detail
N.T.S. A1

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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trapolinpeer.com

OWNER
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400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
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CONTRACTOR
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NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
KENNETH MICHAELS
LICENSED LANDSCAPE ARCHITECT
30 JANUARY 2026

INITIAL ISSUE & REVISIONS		
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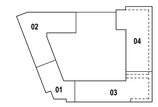

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PROJECT NUMBER
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FURNISHING DETAILS

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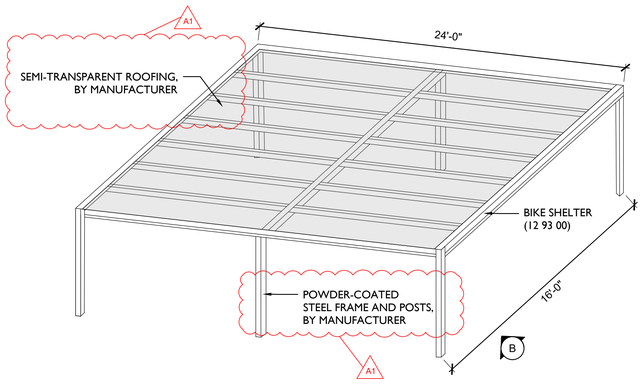
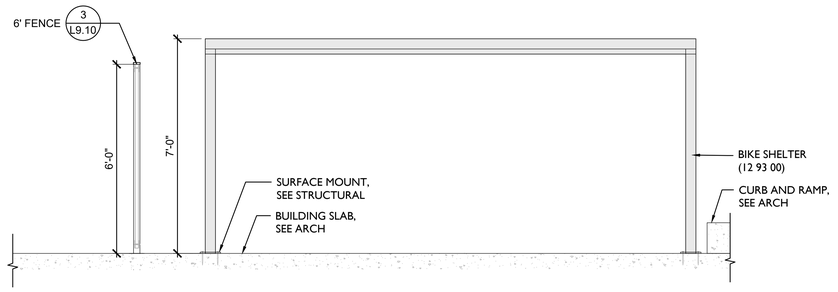
New Orleans | LA | 70130
T: 504.218.8991

L9.10



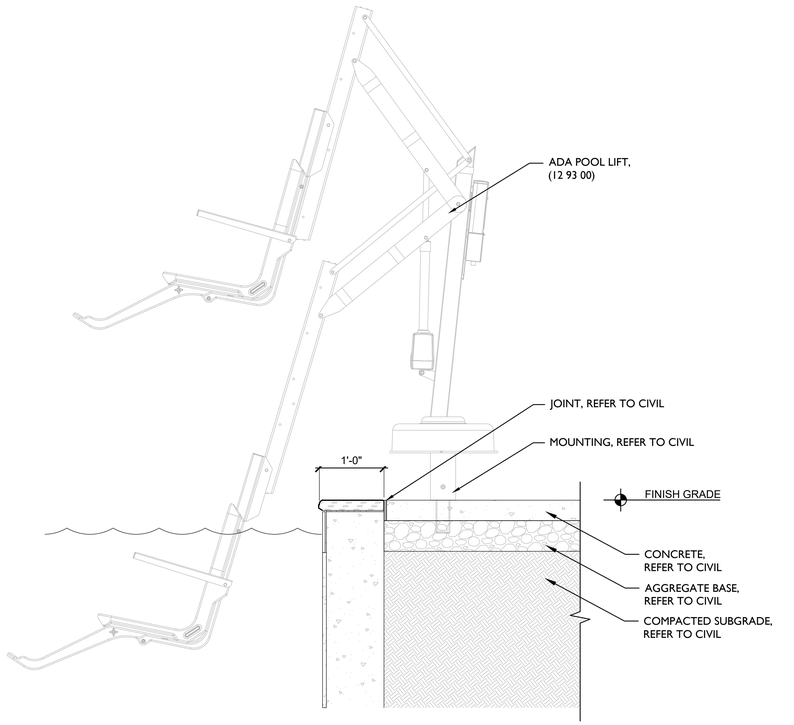
A 3D ILLUSTRATION
NTS



B SECTION
NTS

1 BIKE PARKING SHELTER (12 93 00)
NTS

Detail



2 ADA POOL LIFT (12 93 00)
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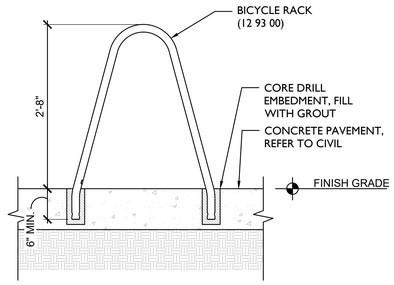
DETAIL



3 BIKE RACK (12 93 00)
Scale: 1"=1'-0"

DETAIL

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Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
KENNETH MICHAELS
Reg. No. 34 308
LICENSED
LANDSCAPE ARCHITECT

30 JANUARY 2026

INITIAL ISSUE & REVISIONS		
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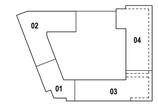

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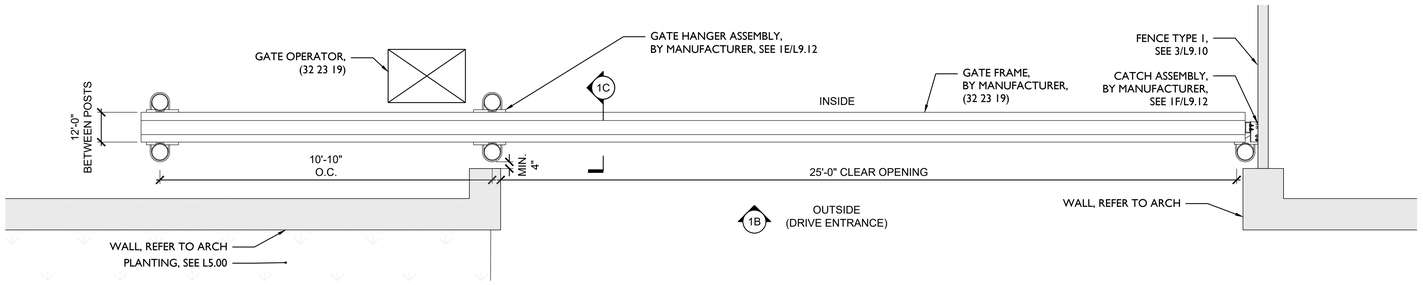
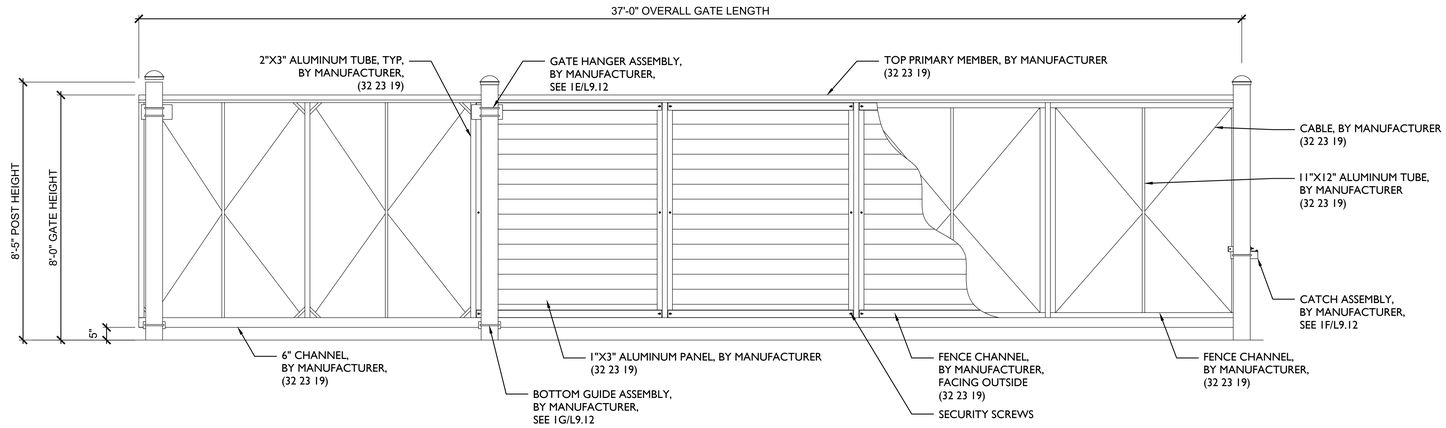
T: 504.218.8991

L9.11



A PLAN
NTS



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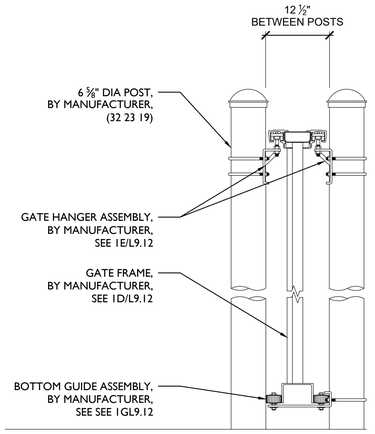

C SECTION
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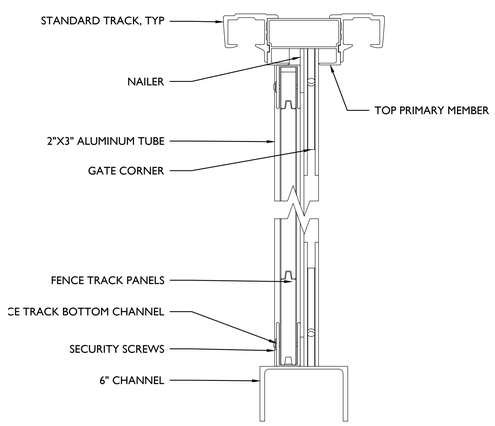
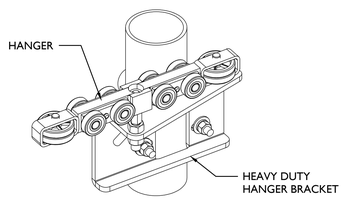


D GATE FRAME SECTION, BY MANUFACTURER (32 23 19)
NTS



E GATE HANGER, BY MANUFACTURER (32 23 19)
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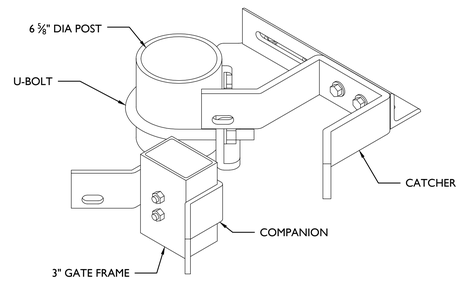
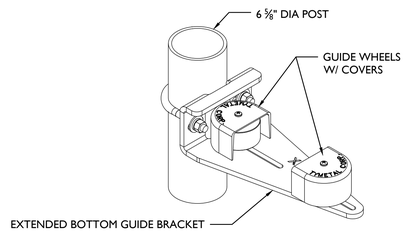


F CATCH, BY MANUFACTURER (32 31 19)
NTS



G BOTTOM GUIDE, BY MANUFACTURER
NTS

1 VEHICULAR SLIDING GATE (32 23 19)
N.T.S.

DETAIL

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

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504.523.2772
trapolinpeer.com

OWNER
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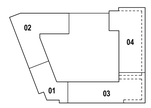
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
KENNETH MICHAELS
Reg. No. 5000
LICENSED
LANDSCAPE ARCHITECT
30 JANUARY 2026

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
A1	ADD.01	2026_01-30



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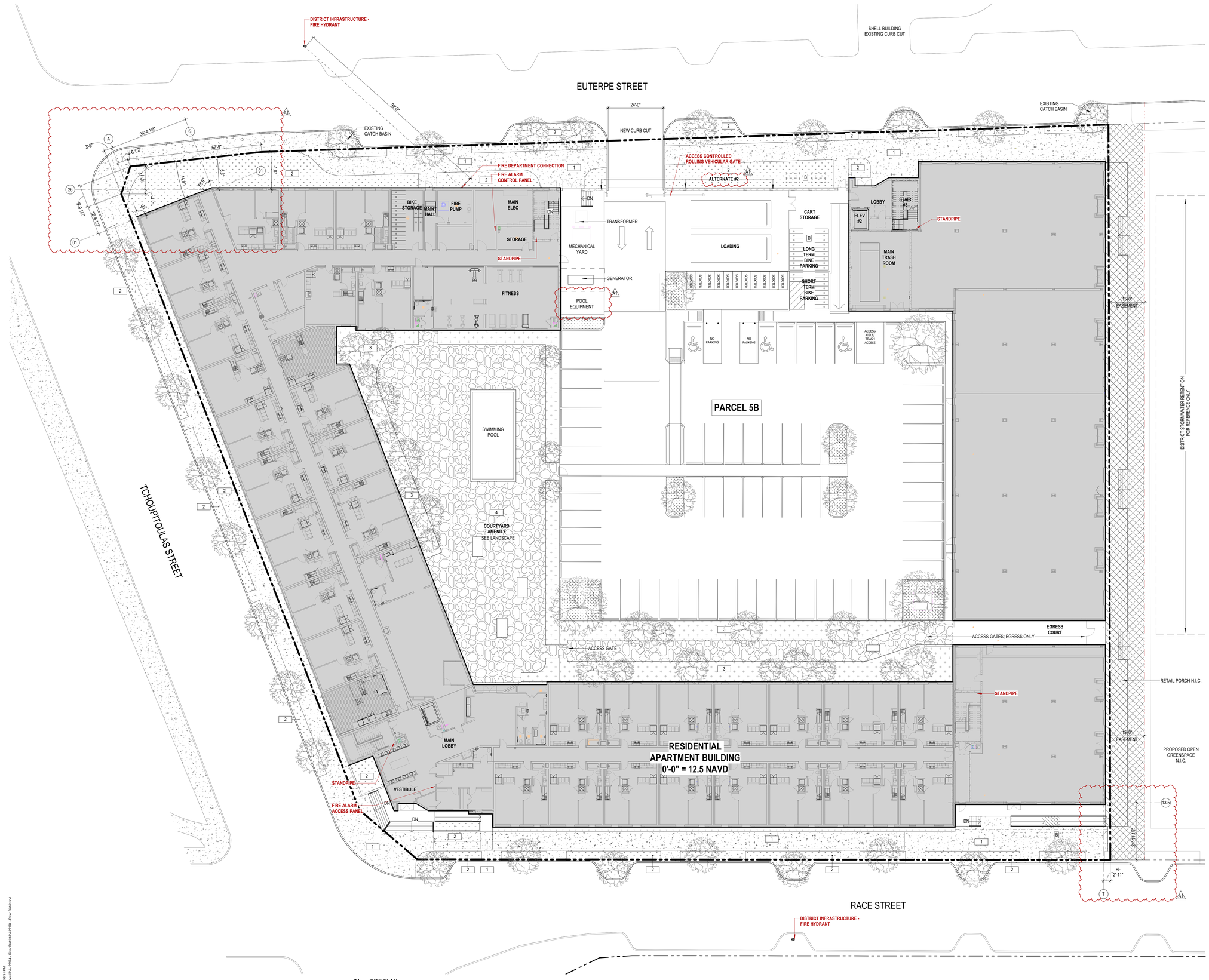
PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

FURNISHING DETAILS

smm
LANDSCAPE ARCHITECTS
1824 Sophie Wright Place
New Orleans | LA | 70130
T: 504.218.8991

L9.12



01 SITE PLAN
A1.01 SCALE: 1/16" = 1'-0"

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Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

GENERAL NOTES - SITE PLAN

1. ARCH SITE PLAN IS FOR DIAGRAMMATIC & COORDINATION PURPOSES ONLY. REFER TO CIVIL, LANDSCAPE, & ELECTRICAL FOR FULL SCOPE OF WORK.
2. LEVEL 01 TOP OF SLAB = 12.5 NAVD.
3. UNLESS OTHERWISE NOTED, ALL ELEMENTS SHOWN OUTSIDE OF THE PARCEL 5B PROPERTY BOUNDARY ARE NOT IN THE PROJECT SCOPE AND ARE SHOWN FOR REFERENCE ONLY.
4. CONTRACTOR TO COORDINATE THE INSTALLATION OF PARCEL 5a EGRESS PORCH WITH OWNER.
5. ALL SITE PAVING AND PLANTING IN THE PUBLIC RIGHT-OF-WAY BETWEEN THE PROPERTY BOUNDARY AND STREET CURBS IS INCLUDED IN PROJECT SCOPE.
6. STREET PARKING LAYOUT/DESIGN AT EUTERPE AND RACE STREETS ARE BY OTHERS AND SHOWN FOR REFERENCE ONLY.
7. ALL NEW SITE INFRASTRUCTURE (STREETS, UTILITIES, STORMWATER RETENTION) IS BY OTHERS AND ASSUMED TO BE COMPLETED PRIOR TO PROJECT COMPLETION.
8. ALL PLANTING IS SHOWN FOR REFERENCE ONLY; REFERENCE LANDSCAPE PLANS FOR FULL SCOPE OF WORK.

EASEMENT @ PARCEL 5a, BBSA DOCKET NO. 25-45

15'-0" EASEMENT REQUIREMENTS
WITHIN EASEMENT BOUNDARY, NO CONSTRUCTION ALLOWED ON PARCEL 5a ABOVE THE FINISH FLOOR OF PARCEL 5b BUILDING.

OWNERS OF PARCEL 5a WILL CONSTRUCT, PROTECT, AND MAINTAIN ALL ELEMENTS (STAIRS, RAMPS, AND PORCH) REQUIRED FOR EGRESS/INGRESS FROM EAST SIDE OF PARCEL 5b BUILDING.

PARCEL 5a EGRESS ELEMENTS MUST BE COMPLETED PRIOR TO PARCEL 5b OCCUPANCY.

MAX AREA OF OPENINGS, IBC TABLE 705.8
FIRE SEPERATION DISTANCE FOR OPENING PROTECTIVES WILL BE MEASURED FROM EAST BUILDING FACE TO EDGE OF 15'-0" EASEMENT.

ACCESS TO PUBLIC WAY, IBC 1028.5
AREA WITHIN 15'-0" EASEMENT IS CONSIDERED AS ACCESS TO THE PUBLIC WAY FROM PARCEL 5b.

PARKING REQUIREMENTS, 18.24.D.7 & TABLE 22-1

MINIMUM REQUIRED VEHICLE PARKING SPACES:
NONE
PROVIDED: 62 VEHICLE PARKING SPACES

MAXIMUM ALLOWED VEHICLE PARKING SPACES:
RESIDENTIAL MULTIFAMILY: 330
(150% OF 1 PER 1,000 / 220 SPACES)
RESTAURANT/RETAIL: 50
(150% OF 1 PER 500 SQ FT / 33 SPACES)
MAXIMUM VEHICLE PARKING NOT EXCEEDED

MINIMUM REQUIRED LOADING SPACES:
RESIDENTIAL MULTIFAMILY: 2 SPACES
PROVIDED: 2 LOADING SPACES

MINIMUM REQUIRED BICYCLE PARKING SPACES:
RESIDENTIAL MULTIFAMILY
REQUIRED: (1 PER 5 UNITS, 220 UNITS)
TOTAL: 44 PARKING SPACES
PROVIDED:
LONG TERM: 35 PARKING SPACES (80% OF TOTAL)
SHORT TERM: 9 PARKING SPACES (20% OF TOTAL)

RESTAURANT/RETAIL:
REQUIRED: 7 SHORT-TERM SPACES
(1 PER 2500 SQ FT,17,100 SQ FT OF RETAIL)
PROVIDED: 7 SHORT-TERM BICYCLE PARKING SPACES

LEGEND - SITE PLAN

- ENCLOSED BUILDING
- EGRESS PORCH @ PARCEL 5a NOT IN SCOPE; SHOWN FOR REFERENCE ONLY
- 1 — **PUBIC STREETSCAPE** SITE PAVING REFERENCE CIVIL
- 2 — **PUBLIC STREETSCAPE** PLANTING BED REFERENCE LANDSCAPE
- 3 — **COURTYARD** PLANTING BED REFERENCE LANDSCAPE
- 4 — **COURTYARD** PAVING REFERENCE LANDSCAPE
- B — BICYCLE PARKING
- TREES REFERENCE LANDSCAPE
- PROPERTY BOUNDARY
- DECORATIVE FENCES & GATES
- DISTRICT STORMWATER RETENTION
- EXTENTS OF REQUIRED PARCEL 5b EASEMENT

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CONTRACTOR
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NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
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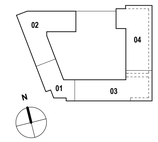
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
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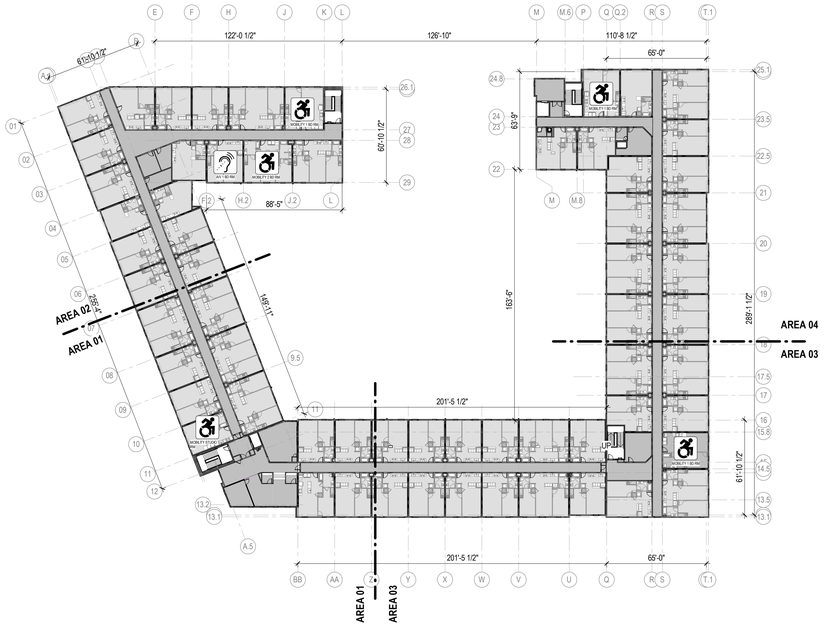
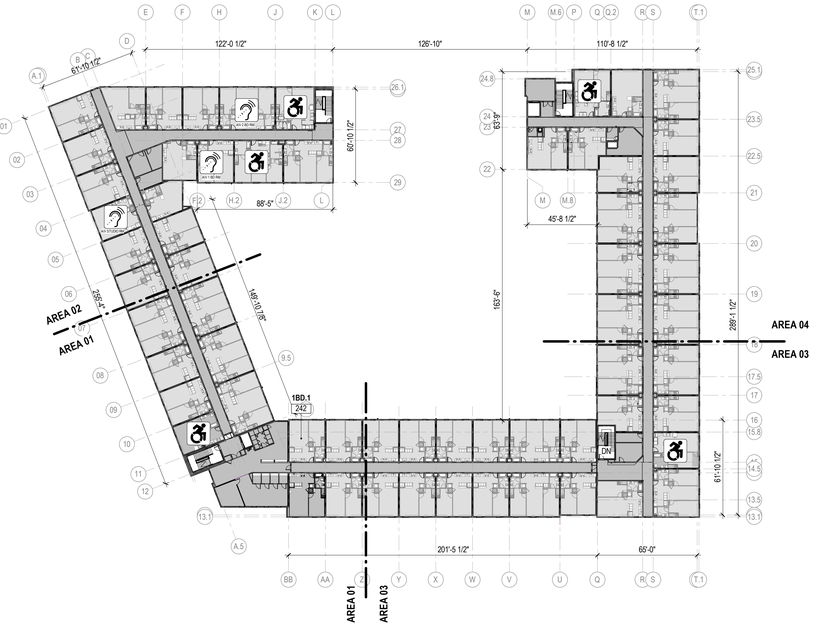
ISSUE DATE
2025_10-30

ARCHITECTURAL SITE PLAN

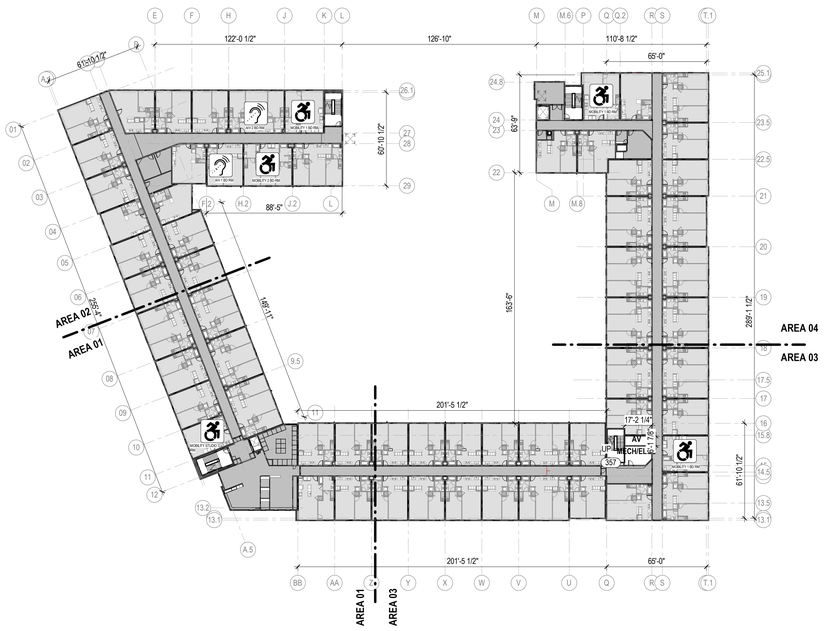
A1.01



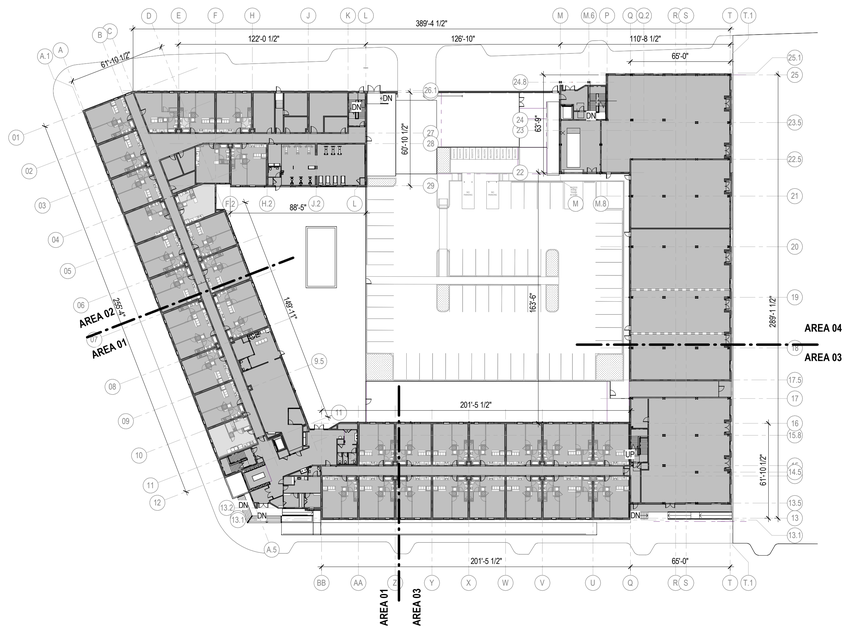
04 LEVEL 04 - OVERALL BLDG KEY PLAN
A2.00 SCALE: 1" = 40'-0"



02 LEVEL 02 - OVERALL BLDG KEY PLAN
A2.00 SCALE: 1" = 40'-0"



03 LEVEL 03 - OVERALL BLDG KEY PLAN
A2.00 SCALE: 1" = 40'-0"



01 LEVEL 01 - OVERALL BLDG KEY PLAN
A2.00 SCALE: 1" = 40'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
2. INTERIOR PARTITIONS ARE TYPICALLY LOCATED WITH CENTER OF STUD ON GRID LINES. CRITICAL CLEARANCES ARE DIMENSIONED FROM FACE OF FINISH AND ARE DENOTED WITH *CLR* OR *CLEAR*. *ALIGN* SHALL MEAN TO LOCATE FINISH FACES IN THE SAME PLANE. INTERIOR PARTITIONS NOT LOCATED BY THE ABOVE ARE DIMENSIONED FROM FACE OF FINISH.
3. SOME STRUCTURAL AND MEP DEVICES / COMPONENTS ARE NOT SHOWN. WHERE THESE COMPONENTS ARE SHOWN, THEY ARE EITHER FOR GRAPHIC REFERENCE OR TO DIMENSION TO ADJACENT ARCHITECTURAL ELEMENTS. REFERENCE STRUCTURAL & MEP FOR FULL SCOPE OF WORK.
4. LOCATE ROUGH OPENINGS FOR DOORS 6" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION TO DOOR JAMB FRAME UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, GRAB BARS, AND ALL MOUNTED MILLWORK, CABINETRY, AND COUNTERTOP BRACKETS.
6. VENDING KIOSK UNITS ARE BY OWNER AND ARE SHOWN FOR GRAPHIC REFERENCE ONLY. CONTRACTOR TO PROVIDE POWER, ELECTRICAL, AND OTHER INFRASTRUCTURE COMPONENTS REQUIRED FOR FULL FUNCTIONALITY OF UNITS. REF MEP.
7. FURNITURE AND EQUIPMENT SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY AND WILL BE INSTALLED BY OWNER.
8. WHITE BOX RETAIL SPACES DO NOT RECEIVE INTERIOR FINISHES OR FIXTURES BEYOND WHAT IS REQUIRED PER CODE
9. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG

UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

GENERAL NOTES - SLAB FORMING

1. REFERENCE ARCHITECTURAL SITE PLAN, CIVIL, AND LANDSCAPE FOR ALL NON-PILE SUPPORTED SITE PAVING ADJACENT TO THE BUILDING.
2. REFERENCE STRUCTURAL AND CIVIL FOR ALL INFORMATION REGARDING PILE-SUPPORTED PAVING, INCLUDING RAISED PORCH, PARKING DRIVE ENTRIES, AND INTERIOR COURTYARD HARDSCAPE.
3. EXTERIOR STAIRS, STAIRS, AND PILE-SUPPORTED TERRACE ARE SHOWN FOR REFERENCE AND DIMENSIONAL LOCATION ONLY. REFER TO STRUCTURAL AND CIVIL FOR MORE INFORMATION.
4. TRANSFORMER PADS, ELECTRICAL SWITCH PADS, AND INTERIOR SLAB RECESSES REQUIRED FOR MEP ARE NOT SHOWN; COORDINATE REQUIRED SLAB INFRASTRUCTURE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
5. FLOOR DRAINS & CLEANOUTS NOT SHOWN; REF TO PLUMBING FOR FULL EXTENTS AND LOCATIONS. SLOPE CONCRETE TO ALL FLOOR DRAINS AT 1/8":12". REFERENCE PLAN FOR EXTENTS OF SLOPE. ALL FLOOR DRAINS ARE TO BE CENTERED IN ROOM U.O.N.
6. CENTER ELECTRICAL FLOOR OUTLETS IN ASSOCIATED ROOMS. COORDINATE FLOOR OUTLETS WITH POWER PLANS.
7. PROVIDE CONCRETE CURBS AT ALL EXTERIOR WALLS AT RAISED TERRACE WHERE NO CMU OCCURS, I.E AT EXTERIOR STOREFRONT OPENINGS AND EXTERIOR STUD WALLS. CONCRETE CURBS WHERE LOCATED AT STUD WALLS ARE LOCATED FLUSH TO INTERIOR FACE OF STUD. CONCRETE CURB AT GLAZING ARE TO ALIGN WITH FACE OF ASSOCIATED MULLION.
8. COORDINATE SUBSURFACE DRAINAGE WITH BUILDING FOUNDATION AND ADJACENT PILE CAPS.
9. SLOPE EXTERIOR PILE SUPPORTED SLAB AWAY FROM BUILDING PERIMETER 1/4":1'-0", AT ALL LOCATIONS, TYP. REFER TO CIVIL GRADING PLANS FOR TOP OF ELEVATION OF RAISED SLABS, AND SLOPES. REFER TO STRUCTURAL PLANS FOR DETAILS AND CONSTRUCTION.

RESIDENTIAL UNIT MIX

TOTAL # UNITS PROVIDED
STUDIO: **19**
1 BEDROOM: **140**
2 BEDROOM: **61**
TOTAL: 220

MOBILITY ACCESS UNITS PROVIDED (5% REQUIRED)
STUDIO: **3**
1 BEDROOM: **9**
2 BEDROOM: **3**
TOTAL: 15 (11 REQUIRED)

HEARING/VISUAL ACCESS UNITS PROVIDED (2% REQUIRED)
STUDIO: **1**
1 BEDROOM: **3**
2 BEDROOM: **2**
TOTAL: 6 (5 REQUIRED)

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
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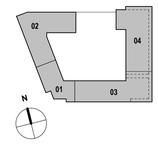
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336



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PROJECT NUMBER
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ISSUE DATE
2025_10-30

OVERALL BLDG KEY PLANS

A2.00

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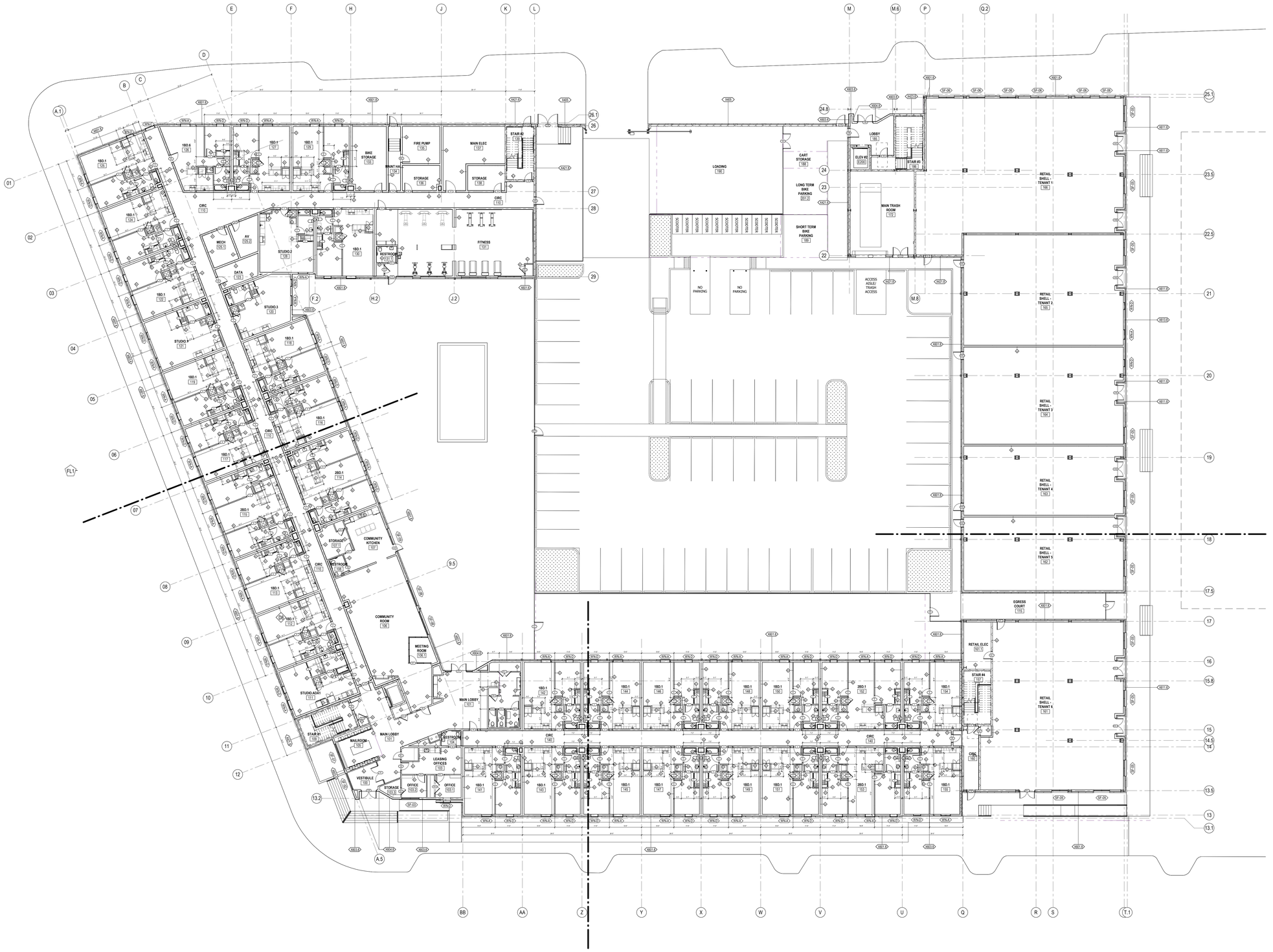
GENERAL NOTES - SCOPE REFERENCE PLANS

1. PLANS ARE TO BE USED FOR **SCOPE AND PRICING REFERENCE ONLY**. CONTRACTOR IS NOT TO SCALE REFERENCE PLANS, DIMENSION PLANS, OR USE DURING CONSTRUCTION IN ANY CAPACITY UNLESS DIRECTED BY ARCHITECT.
2. REFER TO CONSTRUCTION FLOOR PLANS **A2.11 - A2.44** FOR FURTHER INFORMATION.
3. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
4. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.



1 LEVEL 01 - SCOPE REFERENCE PLAN
A2.01 SCALE: 1/16" = 1'-0"

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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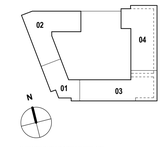
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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ISSUE DATE
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SCOPE REFERENCE PLAN - LEVEL 01

A2.01

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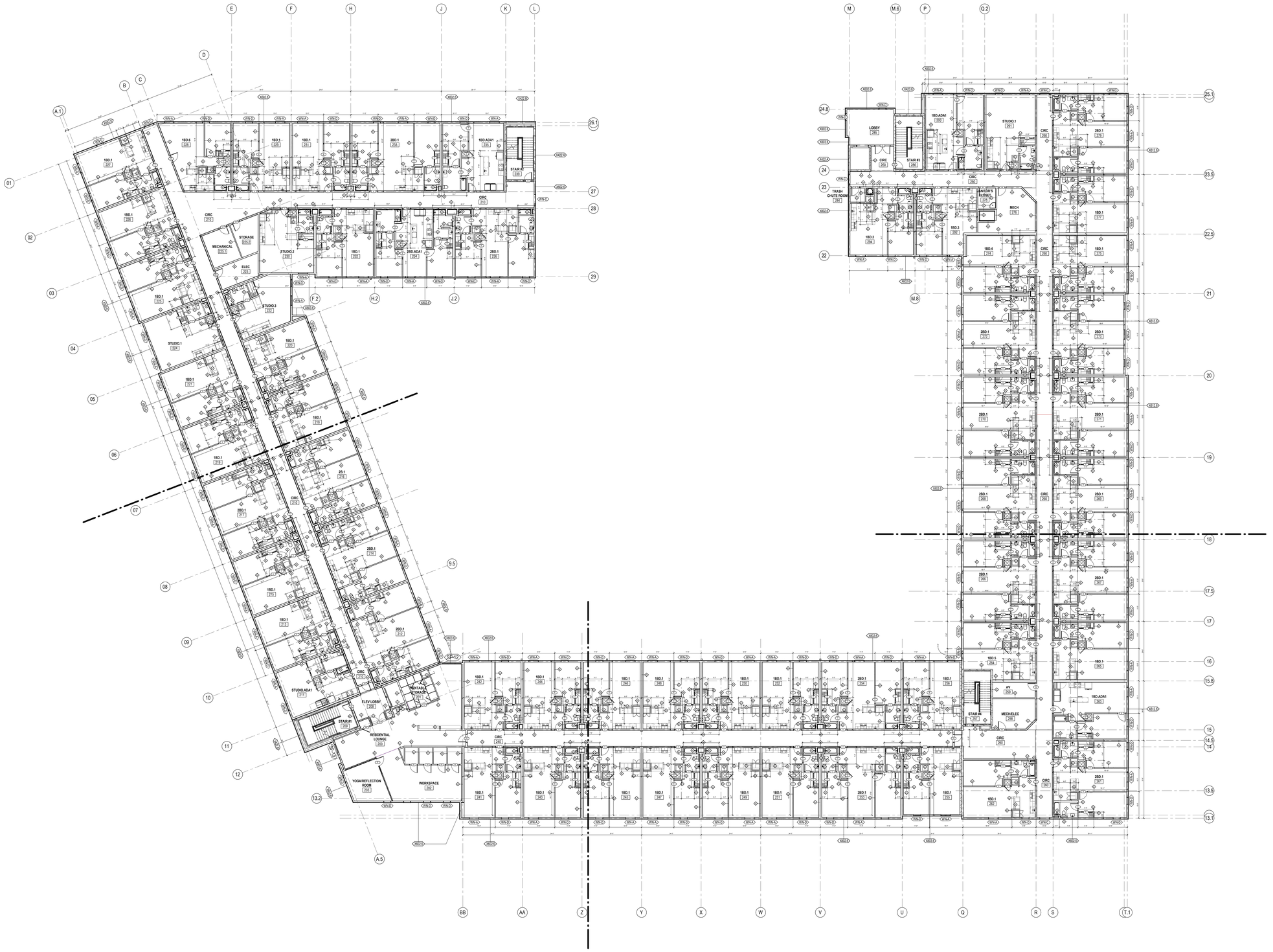

1 LEVEL 02 - SCOPE REFERENCE PLAN
A2.02 SCALE: 1/16" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

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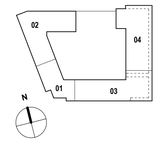
A1	ADD.01	2026_01-30



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SCOPE REFERENCE PLAN - LEVEL 02

A2.02

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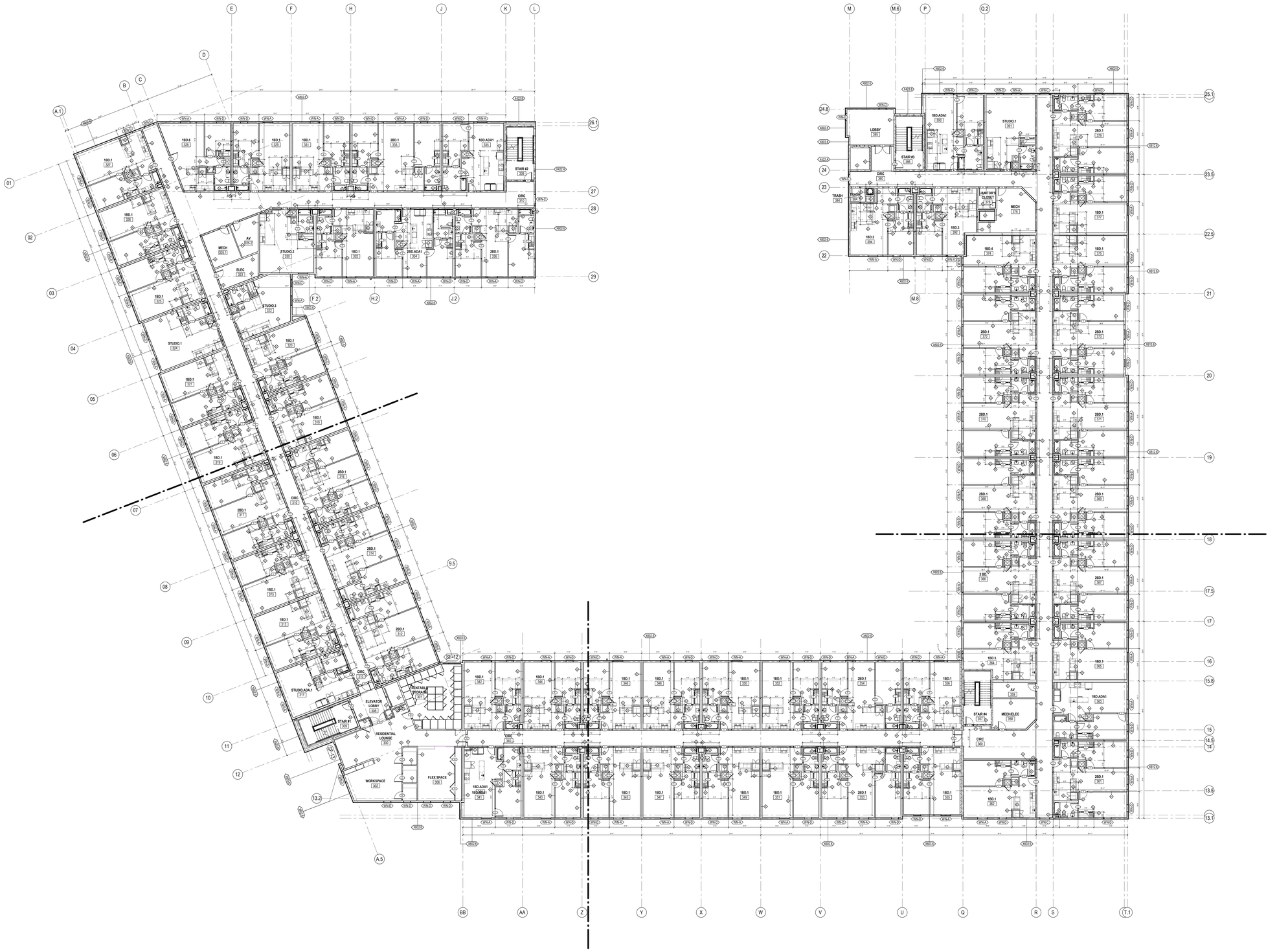


1 LEVEL 03 - SCOPE REFERENCE PLAN
A2.03 SCALE: 1/16" = 1'-0"

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

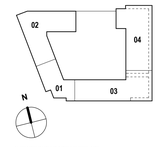
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2026_01-30

SCOPE REFERENCE PLAN - LEVEL 03

A2.03

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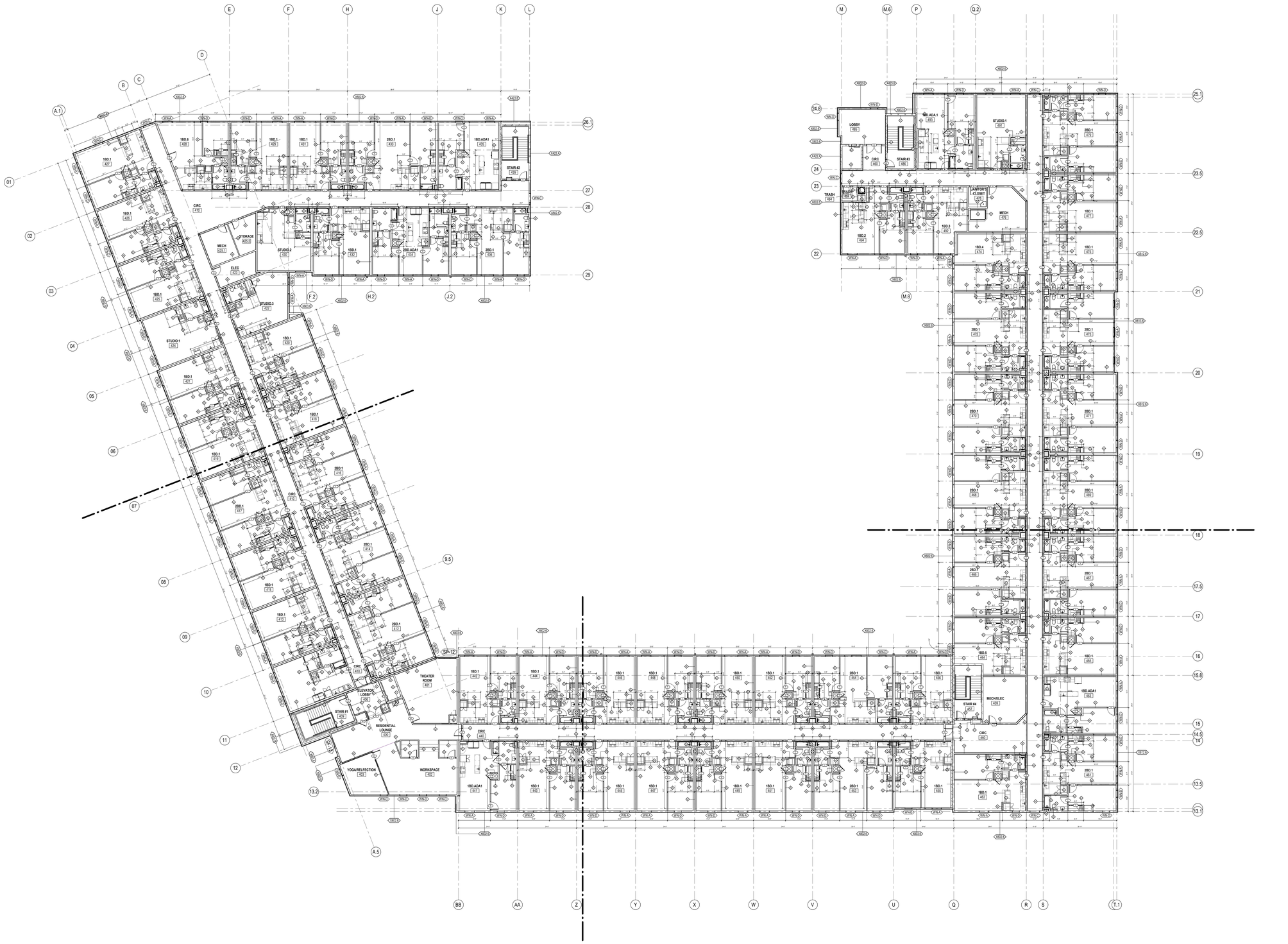

1 LEVEL 04 - SCOPE REFERENCE PLAN
A2.04 SCALE: 1/16" = 1'-0"

GENERAL NOTES - SCOPE REFERENCE PLANS

1. PLANS ARE TO BE USED FOR **SCOPE AND PRICING REFERENCE ONLY**. CONTRACTOR IS NOT TO SCALE REFERENCE PLANS, DIMENSION PLANS, OR USE DURING CONSTRUCTION IN ANY CAPACITY UNLESS DIRECTED BY ARCHITECT.
2. REFER TO CONSTRUCTION FLOOR PLANS **A2.11 - A2.44** FOR FURTHER INFORMATION.
3. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
4. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
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INITIAL ISSUE & REVISIONS		
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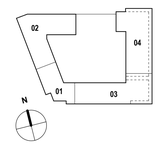

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PROJECT NUMBER
CN22194

ISSUE DATE
2026_01-30

SCOPE REFERENCE PLAN - LEVEL 04

A2.04

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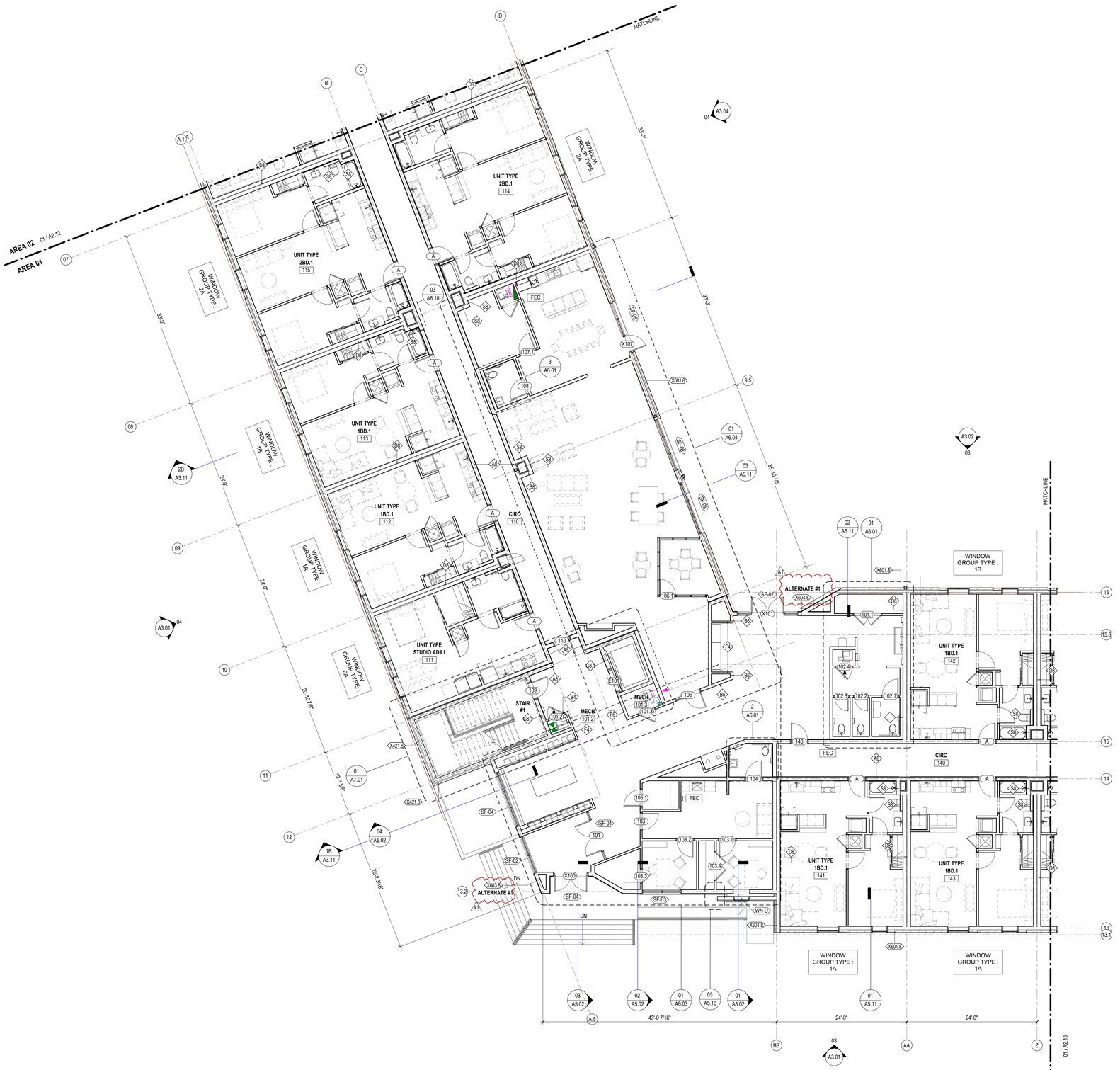

01 LEVEL 01 - AREA 01
A2.11 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
2. INTERIOR PARTITIONS ARE TYPICALLY LOCATED WITH CENTER OF STUD ON GRID LINES. CRITICAL CLEARANCES ARE DIMENSIONED FROM FACE OF FINISH AND ARE DENOTED WITH *CLR* OR *CLEAR*. *ALIGN* SHALL MEAN TO LOCATE FINISH FACES IN THE SAME PLANE. INTERIOR PARTITIONS NOT LOCATED BY THE ABOVE ARE DIMENSIONED FROM FACE OF FINISH.
3. SOME STRUCTURAL AND MEP DEVICES / COMPONENTS ARE NOT SHOWN. WHERE THESE COMPONENTS ARE SHOWN, THEY ARE EITHER FOR GRAPHIC REFERENCE OR TO DIMENSION TO ADJACENT ARCHITECTURAL ELEMENTS. REFERENCE STRUCTURAL & MEP FOR FULL SCOPE OF WORK.
4. LOCATE ROUGH OPENINGS FOR DOORS 6" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION TO DOOR JAMB FRAME UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, GRAB BARS, AND ALL MOUNTED MILLWORK, CABINETRY, AND COUNTERTOP BRACKETS.
6. VENDING KIOSK UNITS ARE BY OWNER AND ARE SHOWN FOR GRAPHIC REFERENCE ONLY. CONTRACTOR TO PROVIDE POWER, ELECTRICAL, AND OTHER INFRASTRUCTURE COMPONENTS REQUIRED FOR FULL FUNCTIONALITY OF UNITS. REF MEP.
7. FURNITURE AND EQUIPMENT SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY AND WILL BE INSTALLED BY OWNER.
8. WHITE BOX RETAIL SPACES DO NOT RECEIVE INTERIOR FINISHES OR FIXTURES BEYOND WHAT IS REQUIRED PER CODE
9. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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trapolinpeer.com

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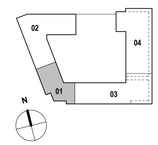
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 01, AREA 01

A2.11

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Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

01 LEVEL 01 - AREA 02
A2.12 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
2. INTERIOR PARTITIONS ARE TYPICALLY LOCATED WITH CENTER OF STUD ON GRID LINES. CRITICAL CLEARANCES ARE DIMENSIONED FROM FACE OF FINISH AND ARE DENOTED WITH *CLR* OR *CLEAR*. *ALIGN* SHALL MEAN TO LOCATE FINISH FACES IN THE SAME PLANE. INTERIOR PARTITIONS NOT LOCATED BY THE ABOVE ARE DIMENSIONED FROM FACE OF FINISH.
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UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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NEW ORLEANS, LA 70123
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INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 01, AREA 02

A2.12

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Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
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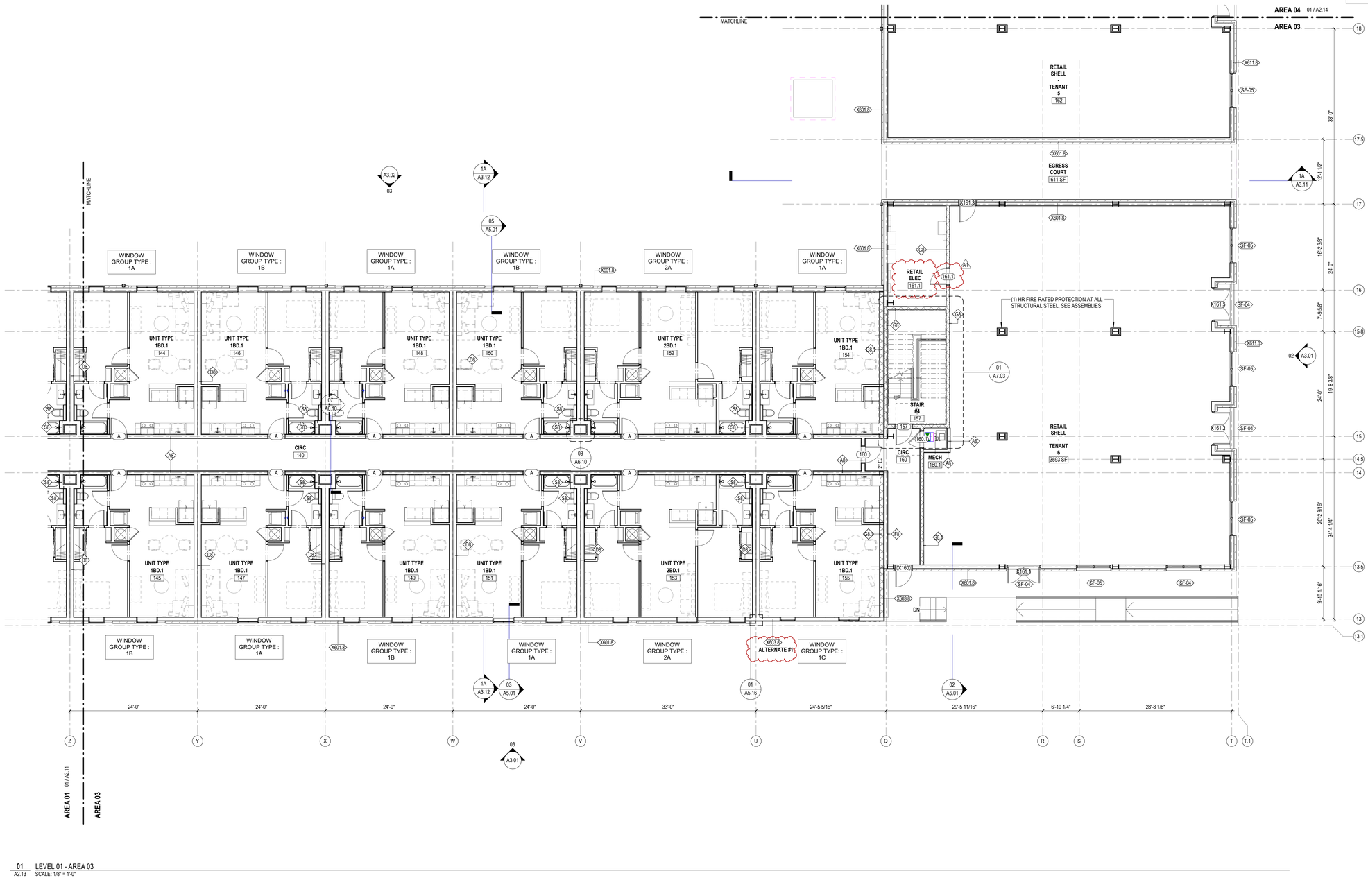
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG

UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER



01 LEVEL 01 - AREA 03
A2.13 SCALE: 1/8" = 1'-0"

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
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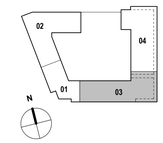
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 01, AREA 03

A2.13

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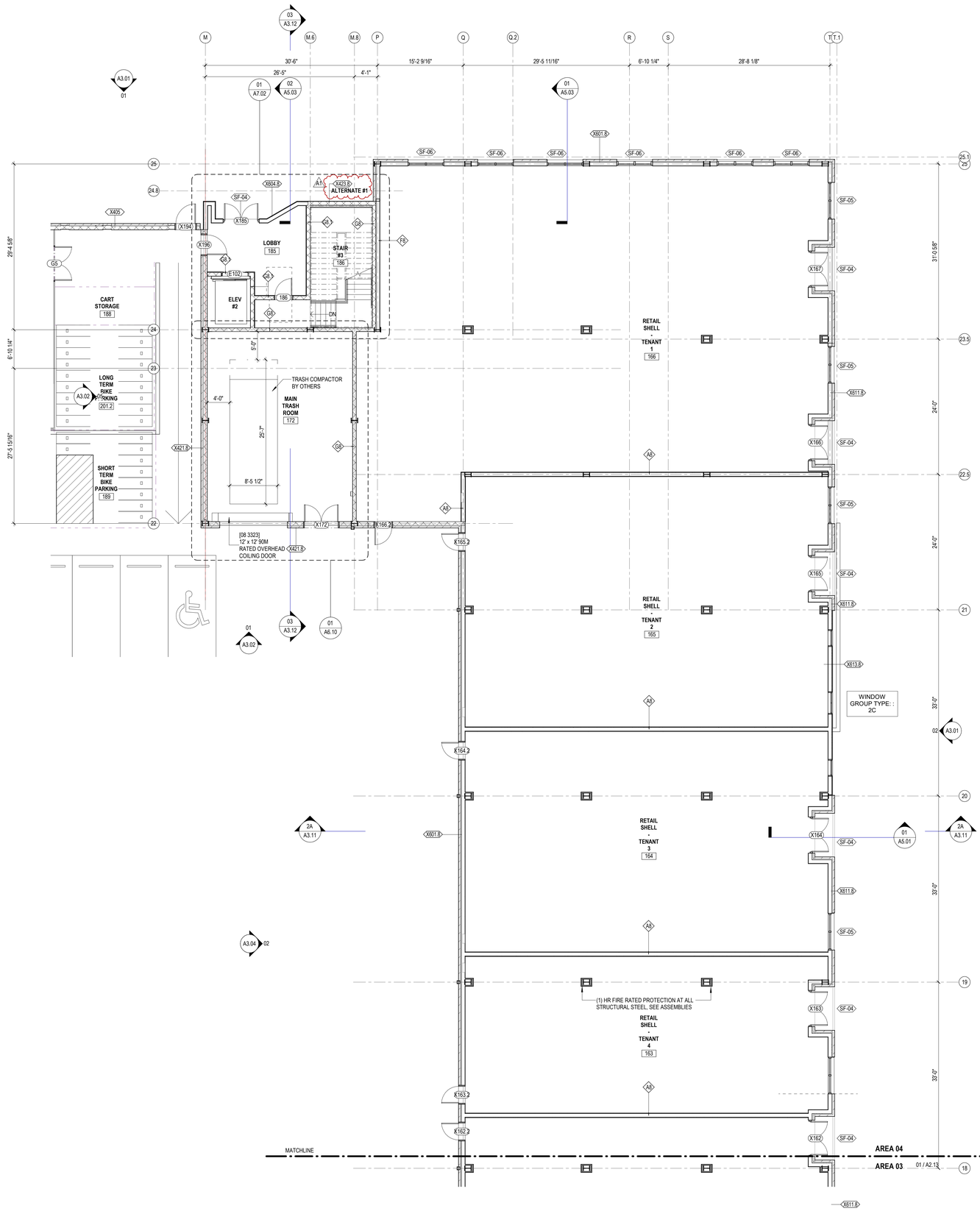

GENERAL NOTES - FLOOR PLANS

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10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

01 LEVEL 01 - AREA 04
A2.14 SCALE: 1/8" = 1'-0"

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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trapolinpeer.com

OWNER
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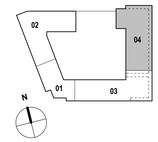
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 01, AREA 04

A2.14

1/30/2026 1:09:45 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

01 LEVEL 02 - AREA 01
A2.21 SCALE: 1/8" = 1'-0"

1/30/2026 1:59:48 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
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UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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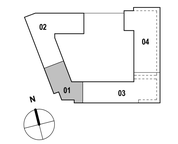
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVELS 02, AREA 01

A2.21

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
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UNIT ROOM TAG
UNIT TYPE 1BD.1 — TYPE MARK
3200 — ROOM NUMBER

01 LEVEL 02 - AREA 02
A2.22 SCALE: 1/8" = 1'-0"

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

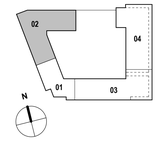
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVELS 02, AREA 02

A2.22

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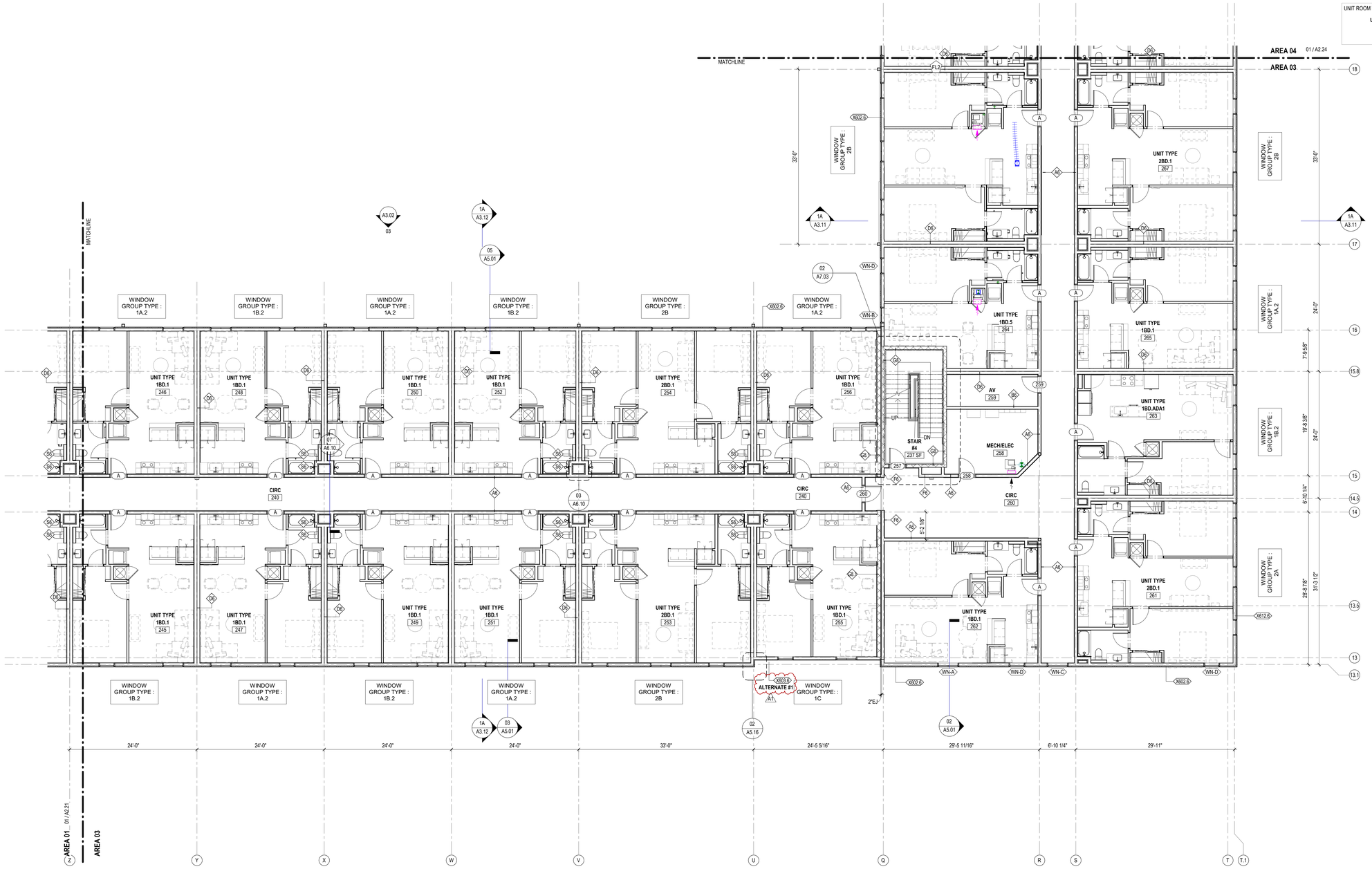

01 LEVEL 02 - AREA 03
A2.23 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
2. INTERIOR PARTITIONS ARE TYPICALLY LOCATED WITH CENTER OF STUD ON GRID LINES. CRITICAL CLEARANCES ARE DIMENSIONED FROM FACE OF FINISH AND ARE DENOTED WITH *CLR* OR *CLEAR*. *ALIGN* SHALL MEAN TO LOCATE FINISH FACES IN THE SAME PLANE. INTERIOR PARTITIONS NOT LOCATED BY THE ABOVE ARE DIMENSIONED FROM FACE OF FINISH.
3. SOME STRUCTURAL AND MEP DEVICES / COMPONENTS ARE NOT SHOWN. WHERE THESE COMPONENTS ARE SHOWN, THEY ARE EITHER FOR GRAPHIC REFERENCE OR TO DIMENSION TO ADJACENT ARCHITECTURAL ELEMENTS. REFERENCE STRUCTURAL & MEP FOR FULL SCOPE OF WORK.
4. LOCATE ROUGH OPENINGS FOR DOORS 6" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION TO DOOR JAMB FRAME UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, GRAB BARS, AND ALL MOUNTED MILLWORK, CABINETRY, AND COUNTERTOP BRACKETS.
6. VENDING KIOSK UNITS ARE BY OWNER AND ARE SHOWN FOR GRAPHIC REFERENCE ONLY. CONTRACTOR TO PROVIDE POWER, ELECTRICAL, AND OTHER INFRASTRUCTURE COMPONENTS REQUIRED FOR FULL FUNCTIONALITY OF UNITS. REF MEP.
7. FURNITURE AND EQUIPMENT SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY AND WILL BE INSTALLED BY OWNER.
8. WHITE BOX RETAIL SPACES DO NOT RECEIVE INTERIOR FINISHES OR FIXTURES BEYOND WHAT IS REQUIRED PER CODE
9. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

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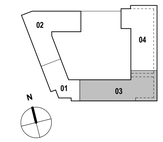

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVELS 02, AREA 03

A2.23

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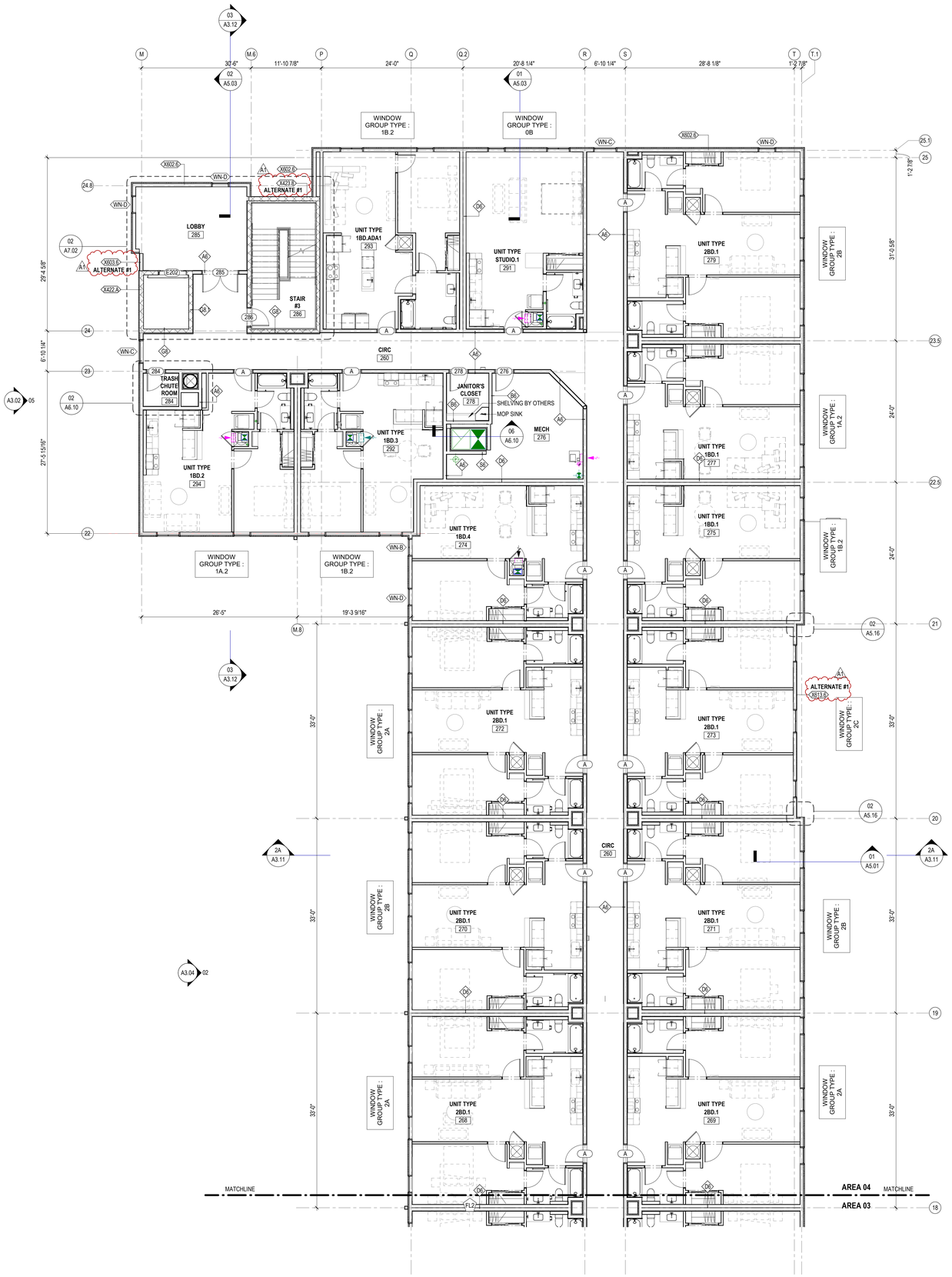

01 LEVEL 02 - AREA 04
A2.24 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

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UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
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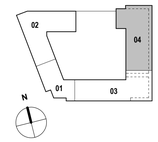
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVELS 02, AREA 04

A2.24

1/30/2026 1:59:57 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

01 LEVEL 03 - AREA 01
A2.31 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

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UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
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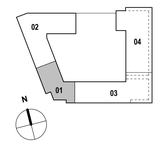
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 03, AREA 01

A2.31

1/30/2026 2:00:00 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

24'-0"
24'-0"
36'-6"
25'-10 7/8"
11'-7 5/8"
27'-5"
6'-10 1/4"
26'-8 7/8"
1'-2 7/8"
1'-2 5/8"
22'-6 3/8"
24'-0"
24'-0"
24'-0

GENERAL NOTES - FLOOR PLANS

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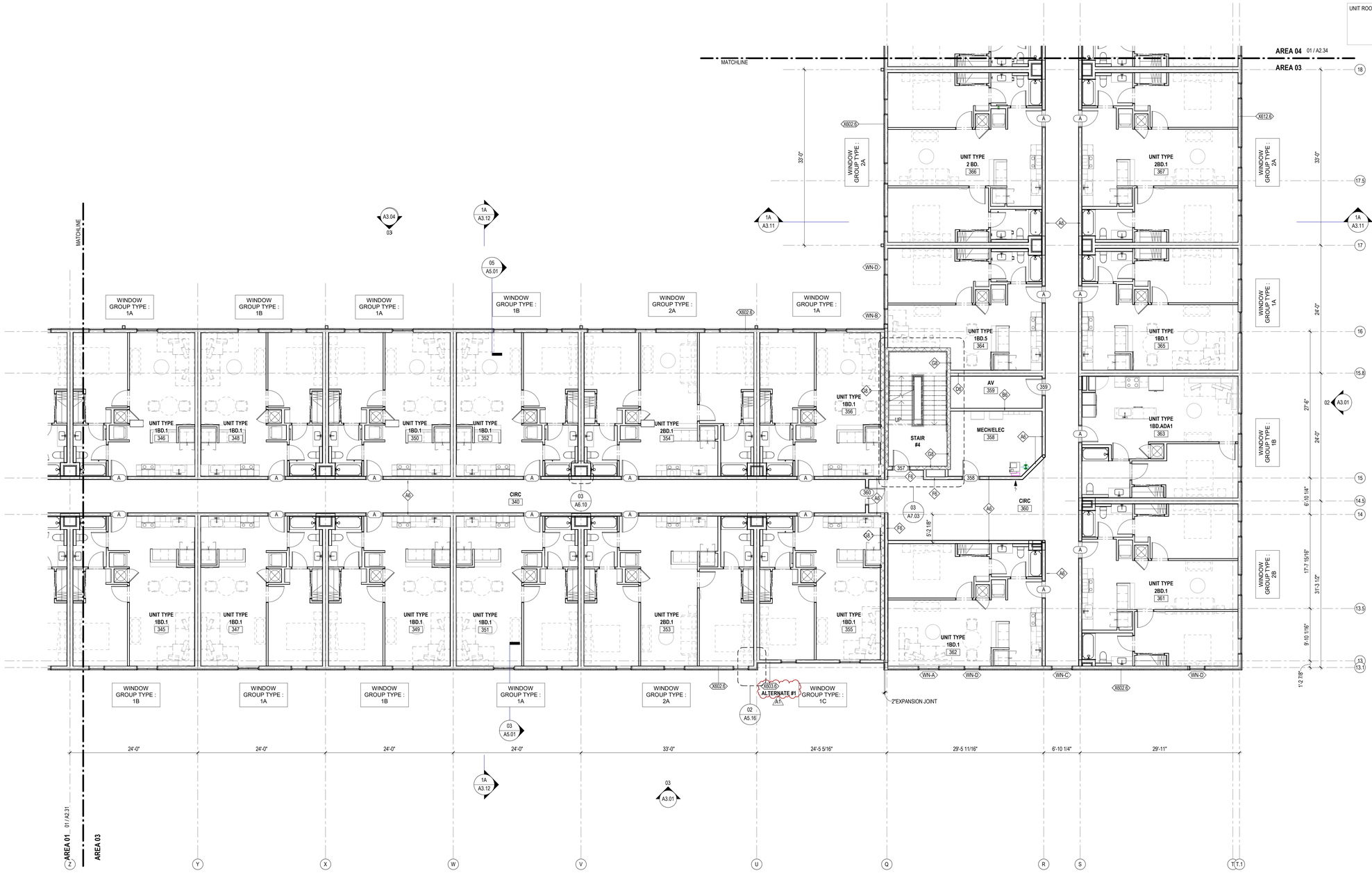
UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER



01 LEVEL 03 - AREA 03
A2.33 SCALE: 1/8" = 1'-0"

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

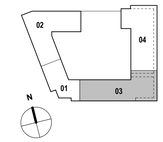
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 03, AREA 03

A2.33

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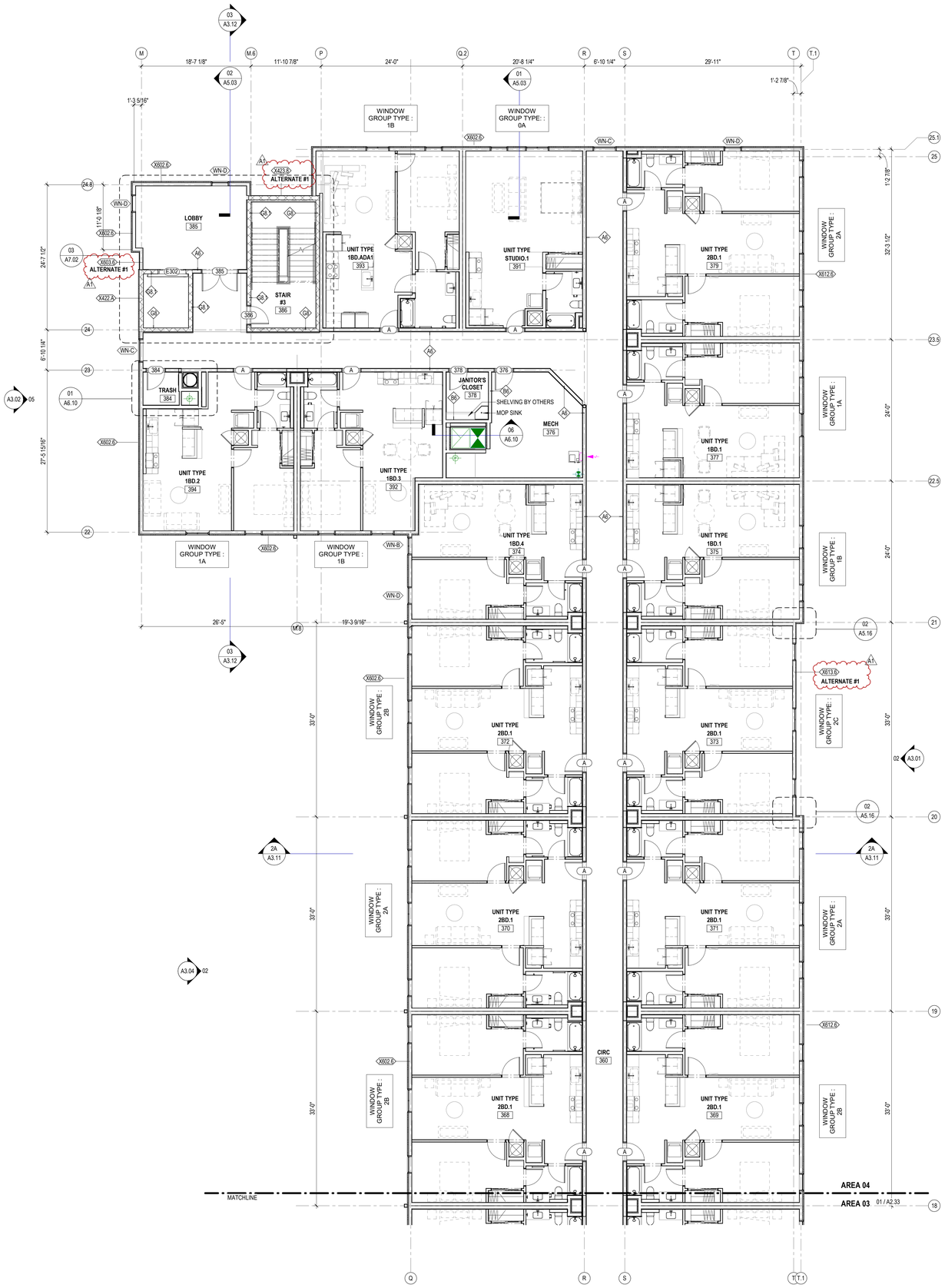

01 LEVEL 03 - AREA 04
A2.34 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
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10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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A1	ADD.01	2026_01-30

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PROJECT NUMBER
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ISSUE DATE
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AREA PLAN - LEVEL 03, AREA 04

A2.34

1/30/2026 2:40:08 PM
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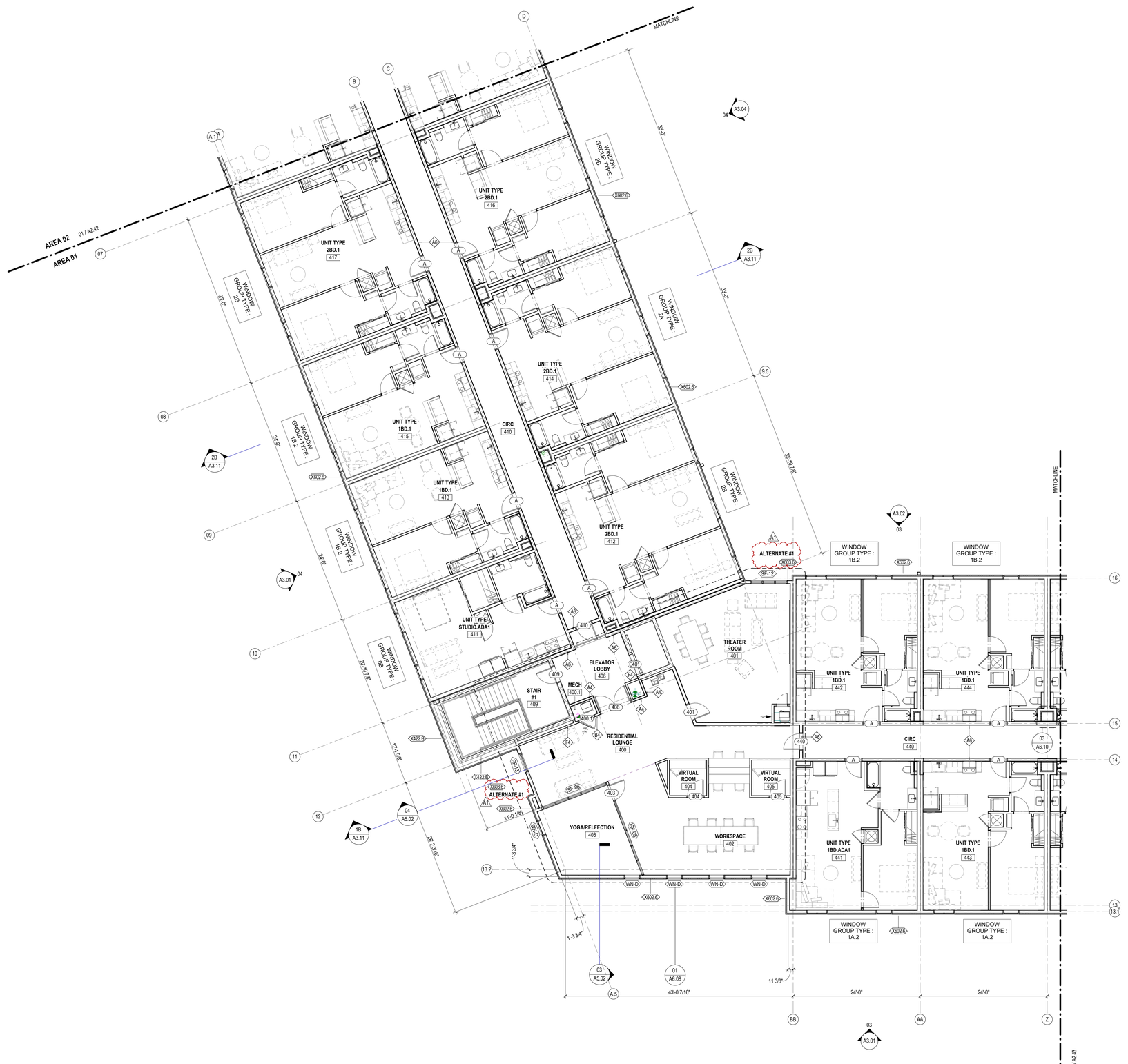

01 LEVEL 04 - AREA 01
A2.41 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

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UNIT ROOM TAG
UNIT TYPE
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3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

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AREA PLAN - LEVEL 04, AREA 01

A2.41

1/30/2026 2:00:12 PM
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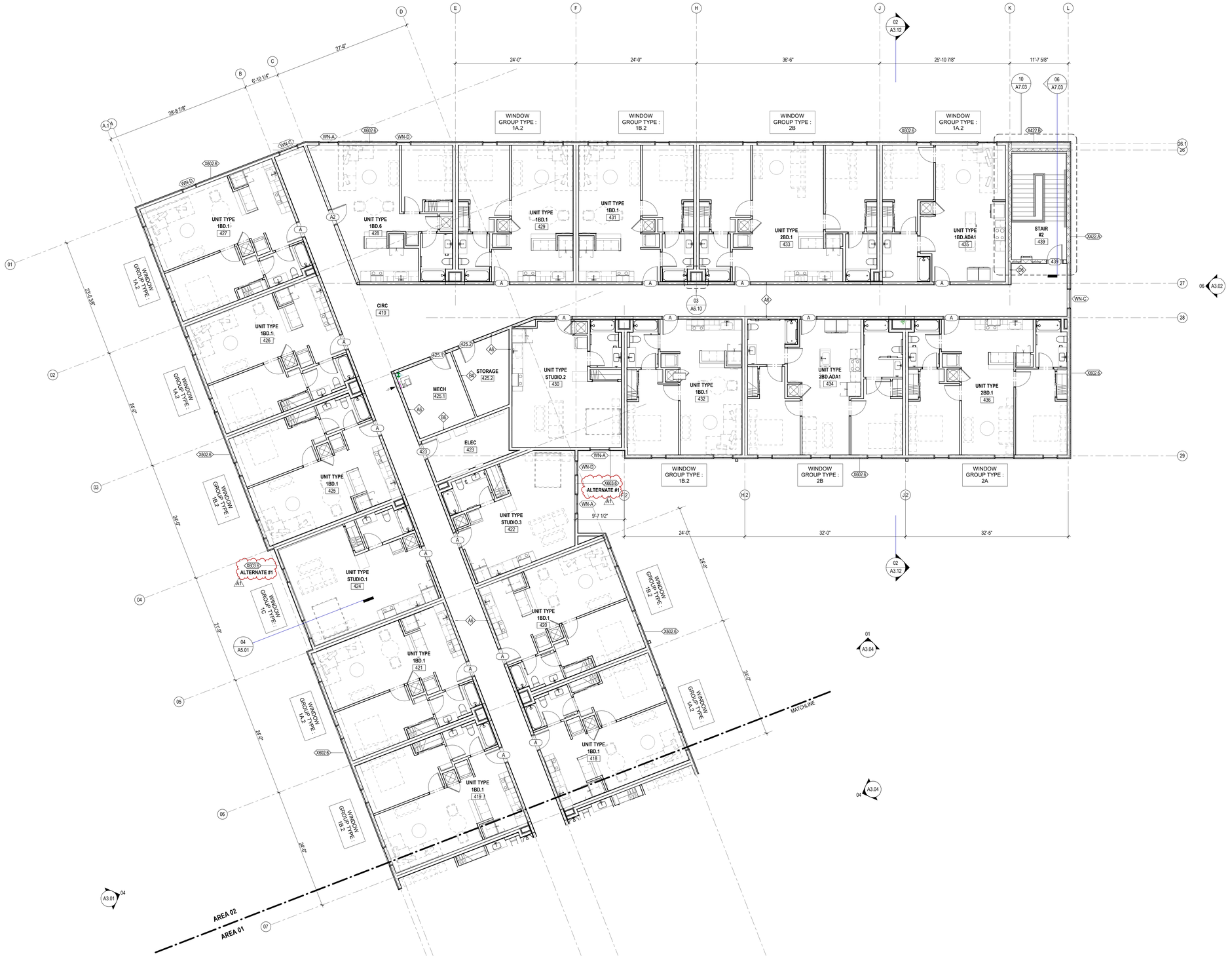

01 LEVEL 04 - AREA 02
A2.42 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

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5. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, GRAB BARS, AND ALL MOUNTED MILLWORK, CABINETRY, AND COUNTERTOP BRACKETS.
6. VENDING KIOSK UNITS ARE BY OWNER AND ARE SHOWN FOR GRAPHIC REFERENCE ONLY. CONTRACTOR TO PROVIDE POWER, ELECTRICAL, AND OTHER INFRASTRUCTURE COMPONENTS REQUIRED FOR FULL FUNCTIONALITY OF UNITS. REF MEP.
7. FURNITURE AND EQUIPMENT SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY AND WILL BE INSTALLED BY OWNER.
8. WHITE BOX RETAIL SPACES DO NOT RECEIVE INTERIOR FINISHES OR FIXTURES BEYOND WHAT IS REQUIRED PER CODE
9. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

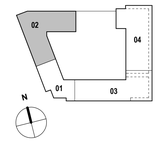
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 04, AREA 02

A2.42

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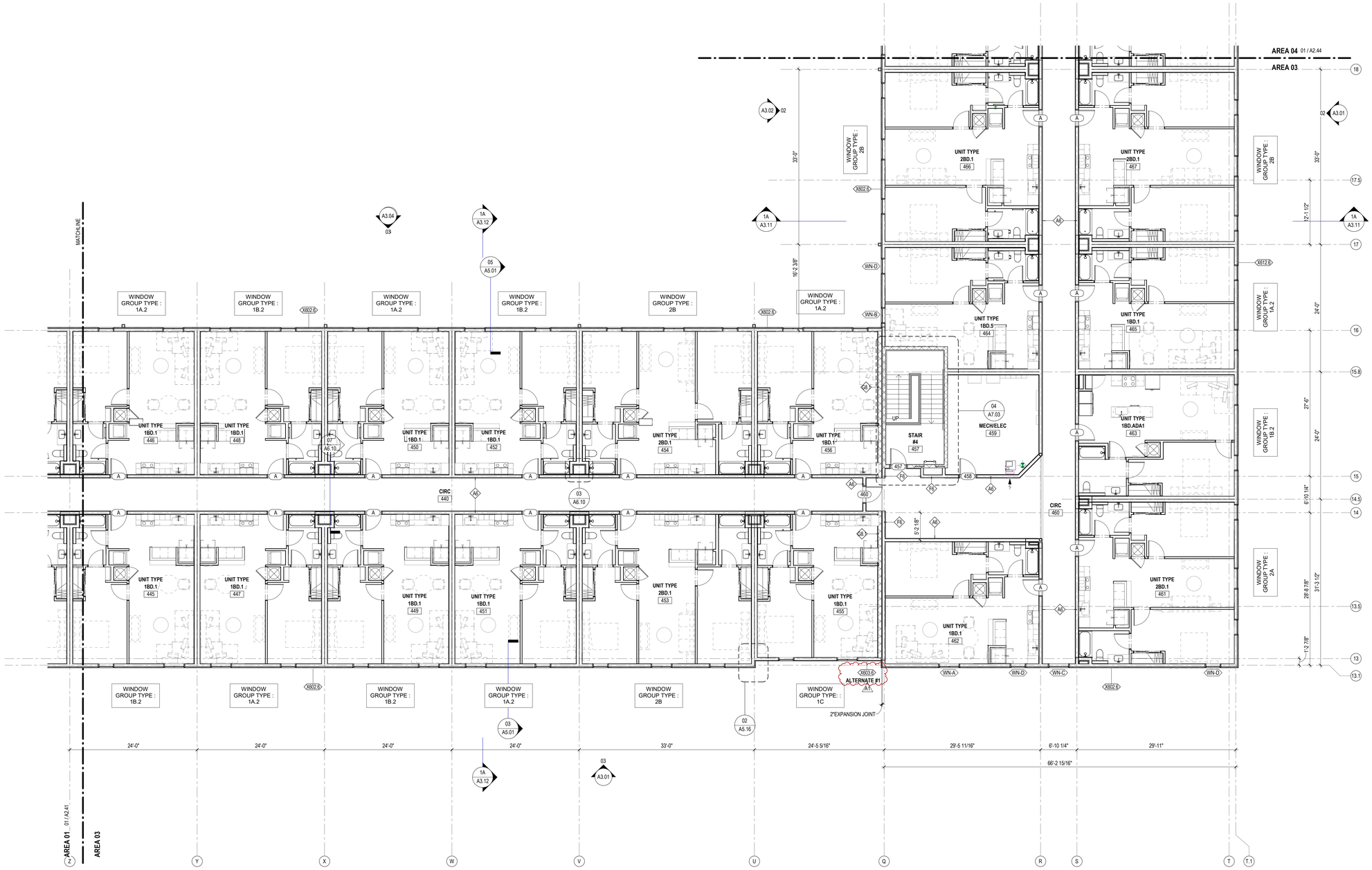

01 LEVEL 04 - AREA 03
A2.43 SCALE: 1/8" = 1'-0"

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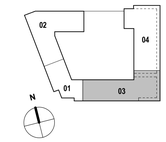
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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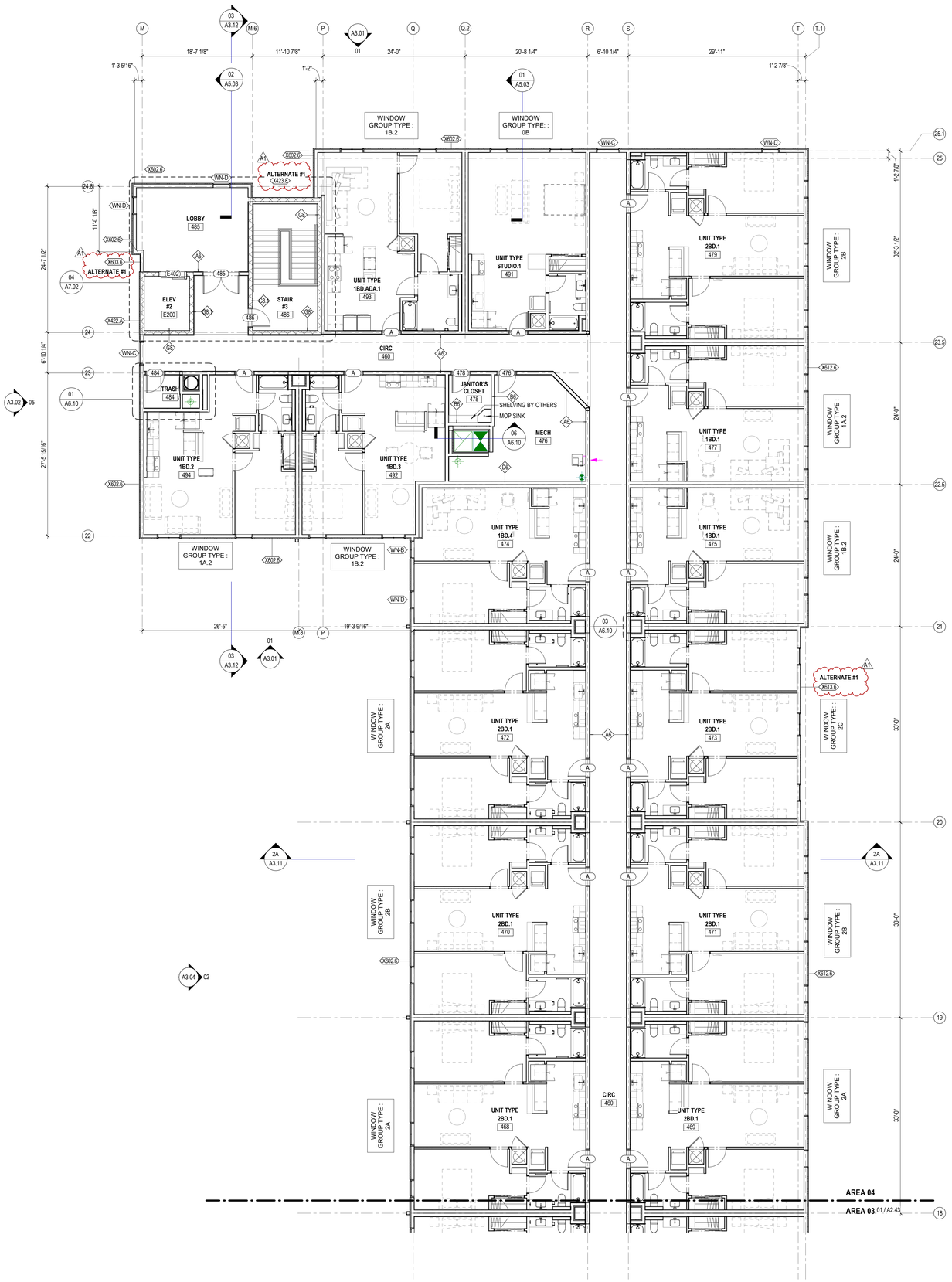
PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 04, AREA 03

A2.43



01 LEVEL 04 - AREA 04
A2.44 SCALE: 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS

1. REFER TO LIFE SAFETY DRAWINGS & CODE ANALYSIS SHEET FOR ADDITIONAL RATED CONSTRUCTION INFORMATION.
2. INTERIOR PARTITIONS ARE TYPICALLY LOCATED WITH CENTER OF STUD ON GRID LINES. CRITICAL CLEARANCES ARE DIMENSIONED FROM FACE OF FINISH AND ARE DENOTED WITH *CLR* OR *CLEAR*. *ALIGN* SHALL MEAN TO LOCATE FINISH FACES IN THE SAME PLANE. INTERIOR PARTITIONS NOT LOCATED BY THE ABOVE ARE DIMENSIONED FROM FACE OF FINISH.
3. SOME STRUCTURAL AND MEP DEVICES / COMPONENTS ARE NOT SHOWN. WHERE THESE COMPONENTS ARE SHOWN, THEY ARE EITHER FOR GRAPHIC REFERENCE OR TO DIMENSION TO ADJACENT ARCHITECTURAL ELEMENTS. REFERENCE STRUCTURAL & MEP FOR FULL SCOPE OF WORK.
4. LOCATE ROUGH OPENINGS FOR DOORS 6" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION TO DOOR JAMB FRAME UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AT ALL BATHROOM ACCESSORIES, GRAB BARS, AND ALL MOUNTED MILLWORK, CABINETRY, AND COUNTERTOP BRACKETS.
6. VENDING KIOSK UNITS ARE BY OWNER AND ARE SHOWN FOR GRAPHIC REFERENCE ONLY. CONTRACTOR TO PROVIDE POWER, ELECTRICAL, AND OTHER INFRASTRUCTURE COMPONENTS REQUIRED FOR FULL FUNCTIONALITY OF UNITS. REF MEP.
7. FURNITURE AND EQUIPMENT SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY AND WILL BE INSTALLED BY OWNER.
8. WHITE BOX RETAIL SPACES DO NOT RECEIVE INTERIOR FINISHES OR FIXTURES BEYOND WHAT IS REQUIRED PER CODE
9. REFER TO **A5.04 -A5.05 FOR WINDOW GROUP TYPE** AND PLACEMENT INFORMATION
10. REFER TO **A6.51 - A6.55 FOR ENLARGED UNIT TYPE** FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

UNIT ROOM TAG
UNIT TYPE
1BD.1 — TYPE MARK
3200 — ROOM NUMBER

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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ISSUE DATE
2025_10-30

AREA PLAN - LEVEL 04, AREA 04

A2.44

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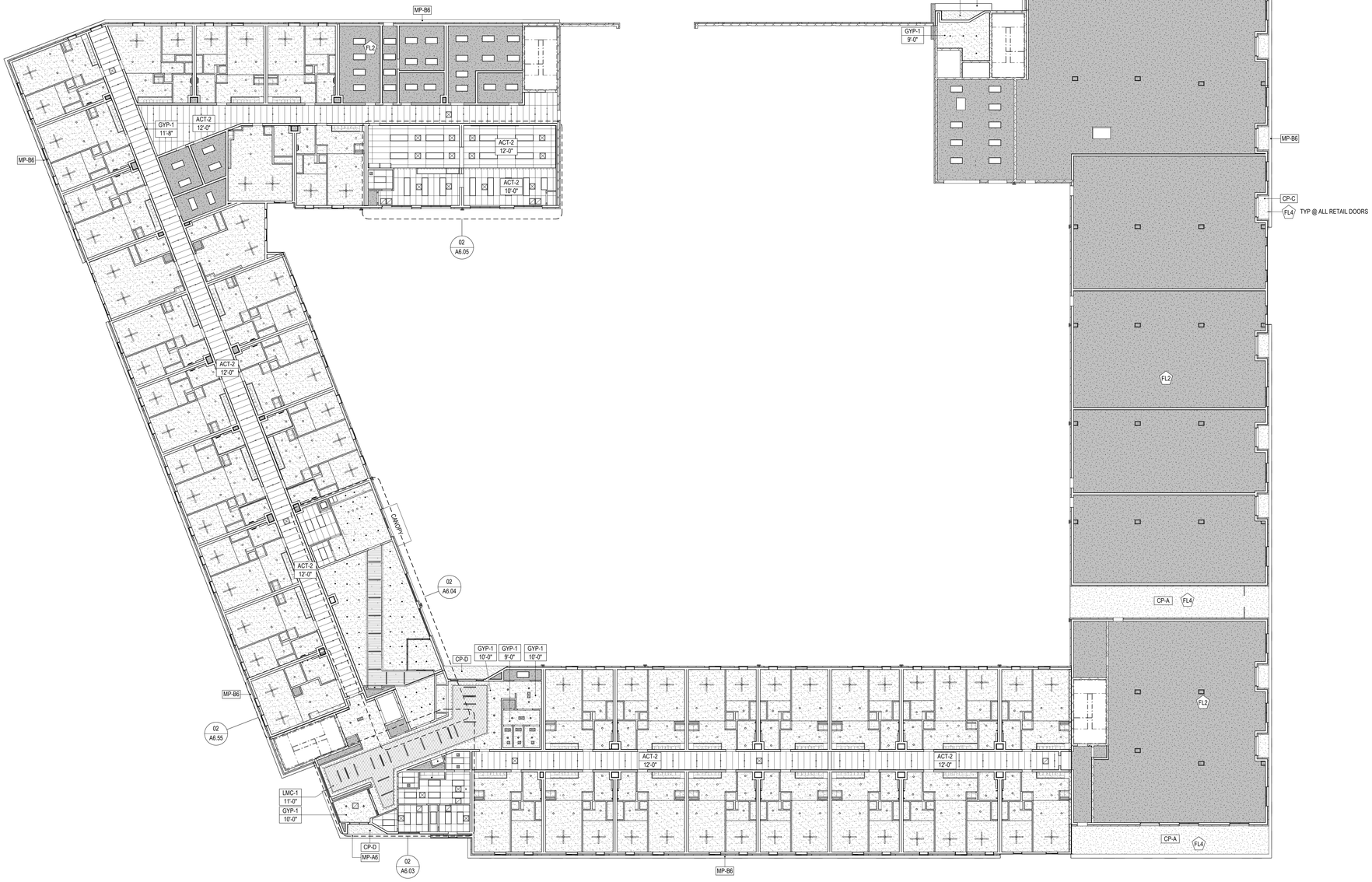

01 OVERALL RCP - LEVEL 01
A2.51 SCALE: 1/16" = 1'-0"

GENERAL NOTES - RCPs

1. MAINTAIN RATINGS OF FLOOR CEILING ASSEMBLIES PER ASSEMBLY DETAILS
2. REFER TO ENLARGED PLANS FOR ALL RESIDENTIAL UNIT RCP'S.
3. ALL LIGHT FIXTURES, HVAC VENTS AND SPRINKLER HEADS TO BE ALIGNED.
4. ALIGN LIGHT FIXTURES ON DOOR OPENINGS, CEILING GRIDS, AND/OR HALLWAY CENTERLINES, AS INDICATED GRAPHICALLY ON PLANS.
5. LIGHT FIXTURES ARE SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS.
6. CEILING HEIGHTS NOTED ON THE DRAWINGS IS THE HEIGHT FROM FINISHED FLOOR SURFACE TO FINISHED CEILING HEIGHT(S) OR WHERE NO FINISHED CEILING IS CALLED FOR, THE CEILING HEIGHT IS TO THE UNDERSIDE OF THE RATED FLOOR-CEILING ASSEMBLY ABOVE.
7. SURFACE MOUNTED LIGHTS WITHIN RATED CEILING ASSEMBLIES SHALL HAVE RATED JUNCTION BOXES AND MAKE UP AN AREA OF NO GREATER THAN 144 SQ IN PER EVERY 100 SQ FT.

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- A1
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
- LED FIXTURE; REF. ELECTRICAL
- LED FIXTURE; PENDANT REF. ELECTRICAL

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THE RIVANA @ RIVER DISTRICT
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CONTRACTOR
GIBBS CONSTRUCTION
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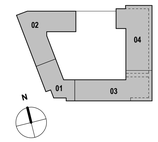
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

OVERALL RCP - LEVEL 01

A2.51

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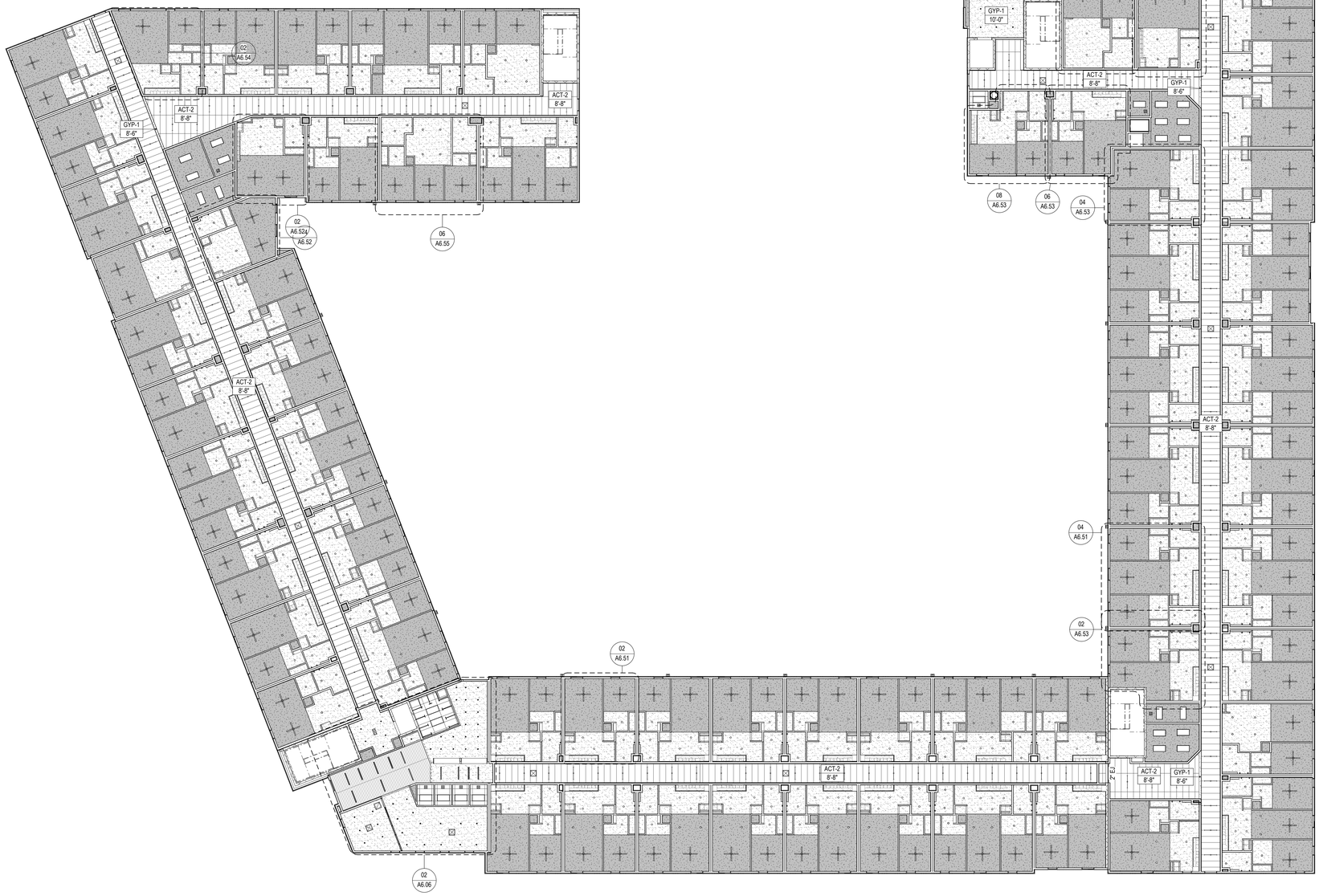

01 LEVEL 02
A2.52 SCALE: 1/16" = 1'-0"

GENERAL NOTES - RCPs

1. MAINTAIN RATINGS OF FLOOR CEILING ASSEMBLIES PER ASSEMBLY DETAILS
2. REFER TO ENLARGED PLANS FOR ALL RESIDENTIAL UNIT RCP'S.
3. ALL LIGHT FIXTURES, HVAC VENTS AND SPRINKLER HEADS TO BE ALIGNED.
4. ALIGN LIGHT FIXTURES ON DOOR OPENINGS, CEILING GRIDS, AND/OR HALLWAY CENTERLINES, AS INDICATED GRAPHICALLY ON PLANS.
5. LIGHT FIXTURES ARE SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS.
6. CEILING HEIGHTS NOTED ON THE DRAWINGS IS THE HEIGHT FROM FINISHED FLOOR SURFACE TO FINISHED CEILING HEIGHT(S) OR WHERE NO FINISHED CEILING IS CALLED FOR, THE CEILING HEIGHT IS TO THE UNDERSIDE OF THE RATED FLOOR-CEILING ASSEMBLY ABOVE.
7. SURFACE MOUNTED LIGHTS WITHIN RATED CEILING ASSEMBLIES SHALL HAVE RATED JUNCTION BOXES AND MAKE UP AN AREA OF NO GREATER THAN 144 SQ IN PER EVERY 100 SQ FT.

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- A1 **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
- LED FIXTURE; REF. ELECTRICAL
- LED FIXTURE; PENDANT REF. ELECTRICAL

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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TRAPOLIN-PEER ARCHITECTS
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trapolinpeer.com

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400 POYDRAS ST., SUITE 2620
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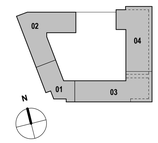
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	**DESCRIPTION**	**DATE**
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

OVERALL RCP - LEVEL 02

A2.52

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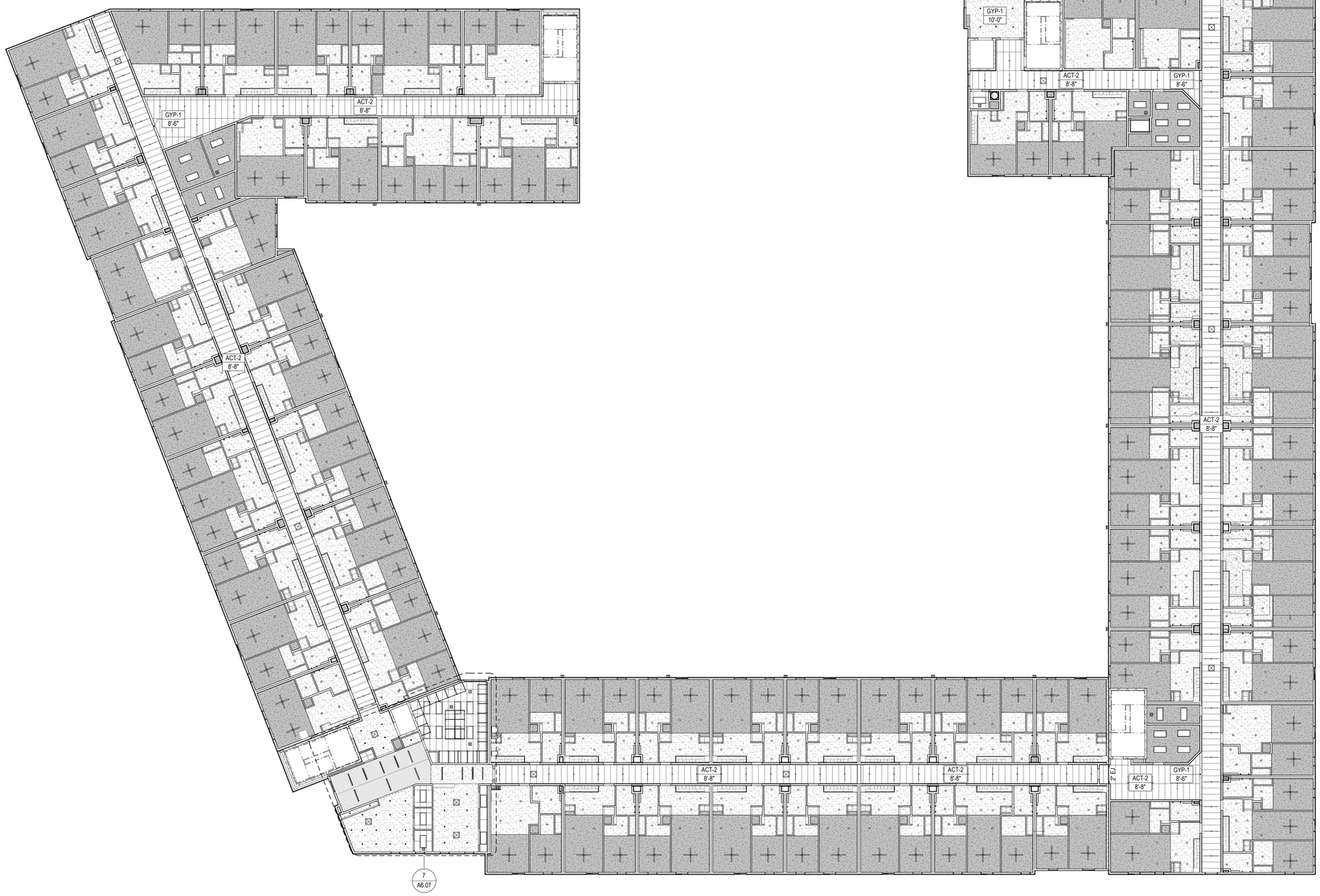

01 LEVEL 03
A2.53 SCALE: 1/16" = 1'-0"

GENERAL NOTES - RCPs

1. MAINTAIN RATINGS OF FLOOR CEILING ASSEMBLIES PER ASSEMBLY DETAILS
2. REFER TO ENLARGED PLANS FOR ALL RESIDENTIAL UNIT RCP'S.
3. ALL LIGHT FIXTURES, HVAC VENTS AND SPRINKLER HEADS TO BE ALIGNED.
4. ALIGN LIGHT FIXTURES ON DOOR OPENINGS, CEILING GRIDS, AND/OR HALLWAY CENTERLINES, AS INDICATED GRAPHICALLY ON PLANS.
5. LIGHT FIXTURES ARE SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS.
6. CEILING HEIGHTS NOTED ON THE DRAWINGS IS THE HEIGHT FROM FINISHED FLOOR SURFACE TO FINISHED CEILING HEIGHT(S) OR WHERE NO FINISHED CEILING IS CALLED FOR, THE CEILING HEIGHT IS TO THE UNDERSIDE OF THE RATED FLOOR-CEILING ASSEMBLY ABOVE.
7. SURFACE MOUNTED LIGHTS WITHIN RATED CEILING ASSEMBLIES SHALL HAVE RATED JUNCTION BOXES AND MAKE UP AN AREA OF NO GREATER THAN 144 SQ IN PER EVERY 100 SQ FT.

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
- LED FIXTURE; REF. ELECTRICAL
- LED FIXTURE; PENDANT REF. ELECTRICAL

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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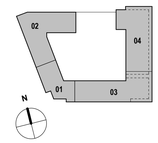
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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ISSUE DATE
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OVERALL RCP - LEVEL 03

A2.53

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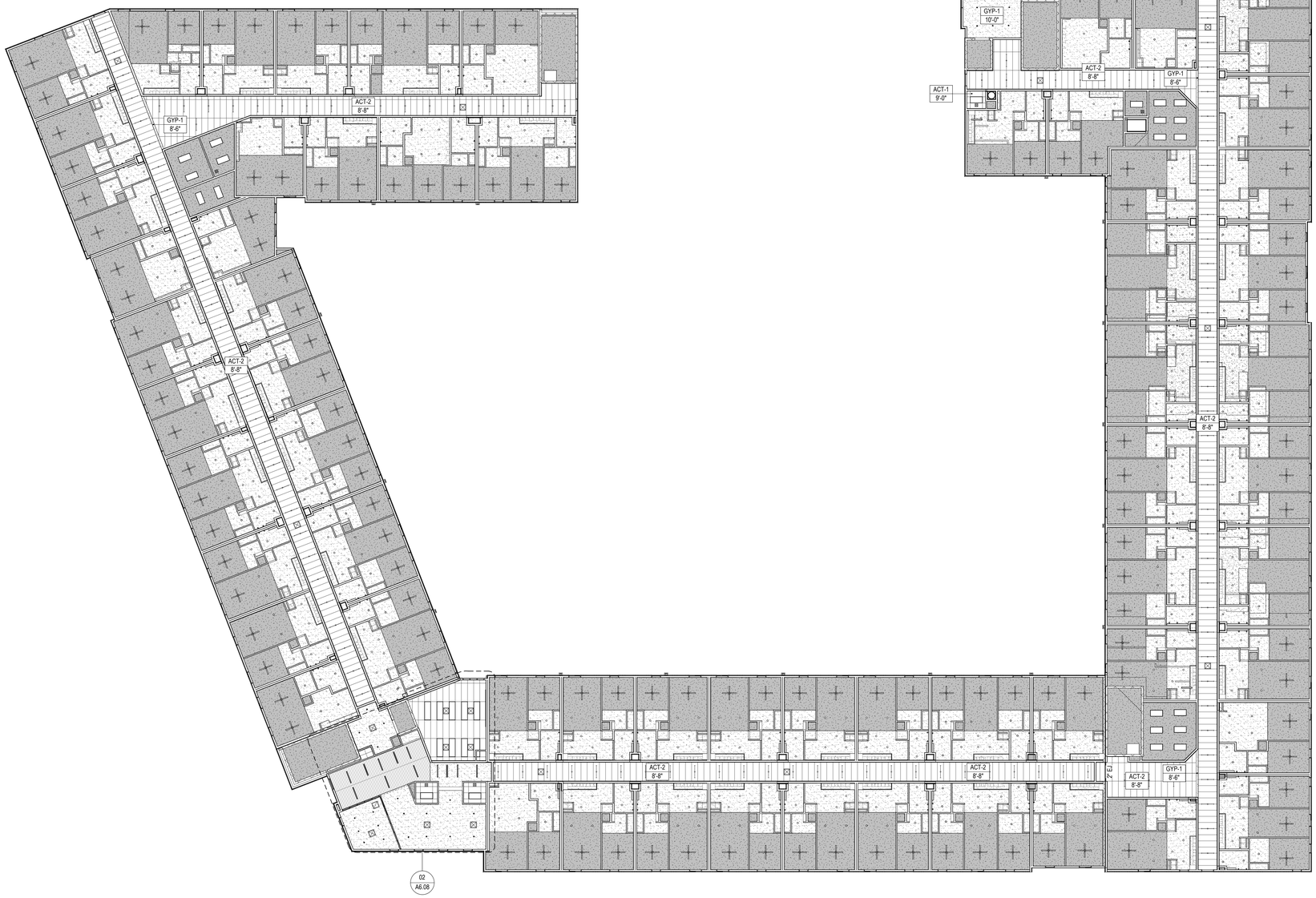

01 LEVEL 04
A2.54 SCALE: 1/16" = 1'-0"

GENERAL NOTES - RCPs

1. MAINTAIN RATINGS OF FLOOR CEILING ASSEMBLIES PER ASSEMBLY DETAILS
2. REFER TO ENLARGED PLANS FOR ALL RESIDENTIAL UNIT RCP'S.
3. ALL LIGHT FIXTURES, HVAC VENTS AND SPRINKLER HEADS TO BE ALIGNED.
4. ALIGN LIGHT FIXTURES ON DOOR OPENINGS, CEILING GRIDS, AND/OR HALLWAY CENTERLINES, AS INDICATED GRAPHICALLY ON PLANS.
5. LIGHT FIXTURES ARE SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS.
6. CEILING HEIGHTS NOTED ON THE DRAWINGS IS THE HEIGHT FROM FINISHED FLOOR SURFACE TO FINISHED CEILING HEIGHT(S) OR WHERE NO FINISHED CEILING IS CALLED FOR, THE CEILING HEIGHT IS TO THE UNDERSIDE OF THE RATED FLOOR-CEILING ASSEMBLY ABOVE.
7. SURFACE MOUNTED LIGHTS WITHIN RATED CEILING ASSEMBLIES SHALL HAVE RATED JUNCTION BOXES AND MAKE UP AN AREA OF NO GREATER THAN 144 SQ IN PER EVERY 100 SQ FT.

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
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- LED FIXTURE; PENDANT REF. ELECTRICAL

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Gensler studio kiro

GMP DOCUMENTS

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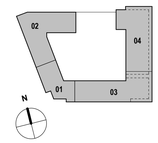
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

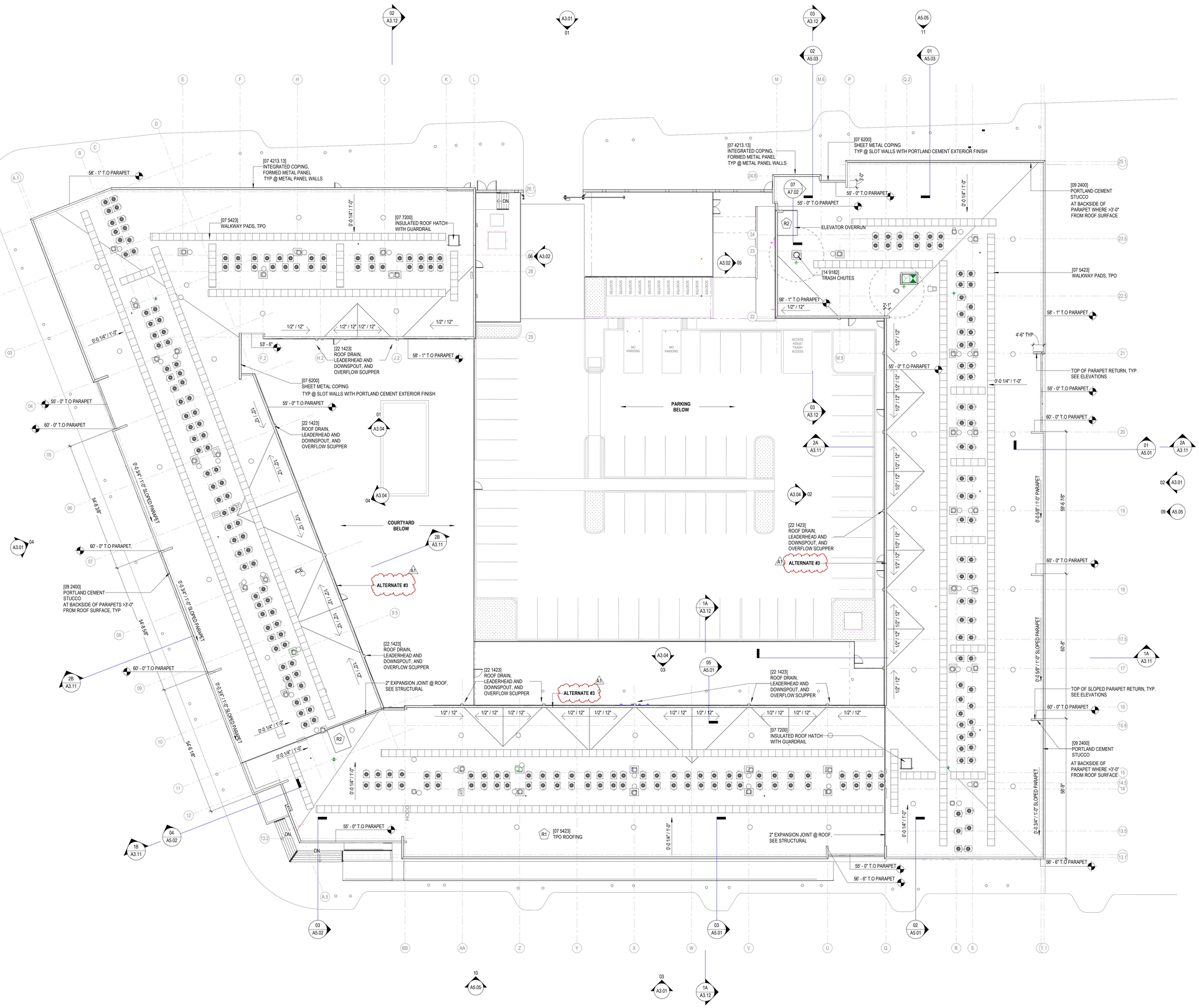
OVERALL RCP - LEVEL 04

A2.54

1/30/2026 2:20:38 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

GENERAL NOTES - ROOF PLAN

1. THIS DRAWING DOES NOT SHOW ALL ROOF PENETRATIONS. COORDINATE SIZE AND LOCATION OF ALL ROOF PENETRATIONS WITH ALL OTHER TRADES AND EQUIPMENT. SEE STRUCTURAL, ELECTRICAL, PLUMBING AND MECHANICAL DRAWINGS FOR ADDITIONAL ROOF INFORMATION.
2. ROOF SLOPE SHALL BE 1/4" MIN PER FOOT.
3. CRICKET SLOPES SHALL BE FORMED TO PROVIDE A 1/2" MINIMUM SLOPE, WITH A .08" PER FOOT SLOPE AT EACH VALLEY.



01 ROOF PLAN - OVERALL
A2.60 SCALE: 1/16" = 1'-0"

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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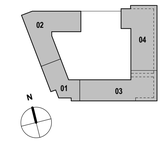
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

OVERALL PLAN - ROOF

A2.60

1/30/2026 2:00:42 PM
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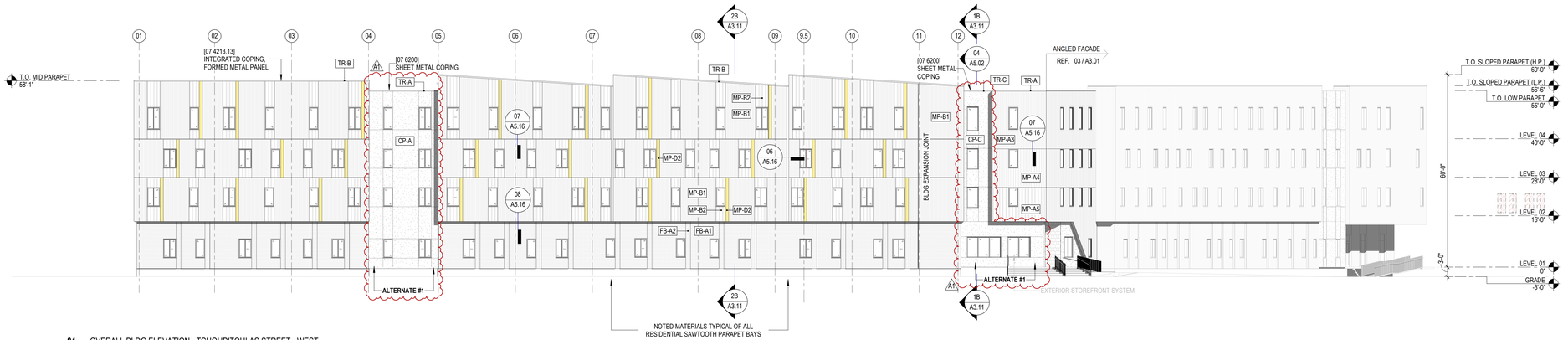
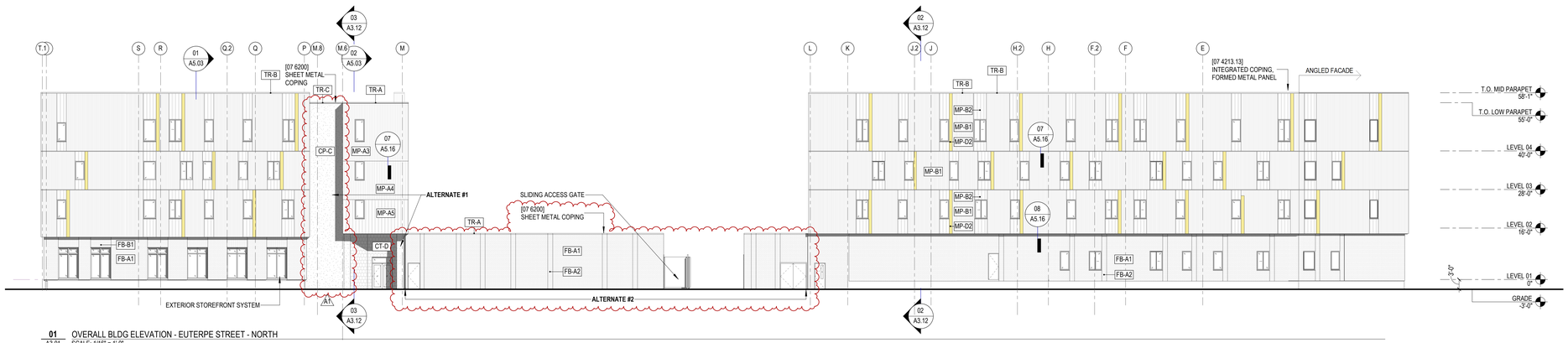


04 OVERALL BLDG ELEVATION - TCHOUPITOULAS STREET - WEST
A3.01 SCALE: 1/16" = 1'-0"

03 OVERALL BLDG ELEVATION - RACE STREET - SOUTH
A3.01 SCALE: 1/16" = 1'-0"

02 OVERALL BLDG ELEVATION - PARK - EAST
A3.01 SCALE: 1/16" = 1'-0"



01 OVERALL BLDG ELEVATION - EUTERPE STREET - NORTH
A3.01 SCALE: 1/16" = 1'-0"

GENERAL NOTES - BUILDING ELEVATIONS

1. ALL SHEET METAL FLASHING & TRIM TO MATCH ADJACENT METAL PANEL COLORS, U.O.N.
2. ALL STOREFRONT MULLIONS TO MATCH METAL PANEL SAMPLE PROVIDED BY ARCHITECT.
3. ALL DOWNSPOUTS TO MATCH MP-B.
4. ALL DOWNSPOUTS TO RECEIVE CAST-IRON BOOTS.
5. REFERENCE AREA PLANS AND STOREFRONT & WINDOW TYPE SHEETS FOR ALL GLAZING DIMENSIONS.
6. ALL PARAPET CAPS AT METAL PANEL WALLS ARE FORMED METAL PANEL INTEGRATED CAPS. STUCCO AND BRICK VENEER TO RECEIVE SHEET METAL COPING.

LEGEND - EXTERIOR MATERIALS

SC-1 — MATERIAL / PROFILE, BOND, OR PANEL TYPE / COLOR

A	LIGHT GREY
B	MEDIUM GREY
C	DARK GREY
D	CUSTOM ACCENT COLOR

FB-A1 — **[04 2000]** - UNIT MASONRY
COLOR & SIZE: LIGHT GREY, STD MODULAR
BOND: RUNNING

FB-A2 — **[04 2000]** - UNIT MASONRY
COLOR & SIZE: DARK GREY, STD MODULAR
BOND: STACK + 1" RECESS

MP-A3 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 3, NARROW RIB

MP-A4 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 4, MEDIUM RIB

MP-A5 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 5, WIDE OUTSET RIB

MP-B1 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 1, NARROW RIB

MP-B2 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 2, WIDE INSET RIB

MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 6, FLAT SOFFIT

MP-D2 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: CUSTOM ACCENT COLOR
PROFILE: TYPE 2, WIDE INSET RIB

ALTERNATE #1:

CP-A — **[09 2400]** - CEMENT PLASTER
COLOR: LIGHT GREY

CP-C — **[09 2400]** - CEMENT PLASTER
COLOR: DARK GREY

CP-D — **[09 2400]** - CEMENT PLASTER
COLOR: ACCENT COLOR

CT-D — **[09 3013]** - CERAMIC TILING
COLOR & SIZE: ACCENT COLOR
BOND:

TR-A — MISC SHEET METALS AND/OR TRIM
COLOR: LIGHT GREY

TR-B — MISC SHEET METALS AND/OR TRIM
COLOR: MEDIUM GREY

TR-C — MISC SHEET METALS AND/OR TRIM
COLOR: DARK GREY

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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TRAPOLIN-PEER ARCHITECTS
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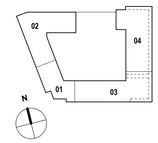
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

OVERALL BLDG ELEVATIONS - STREET

A3.01

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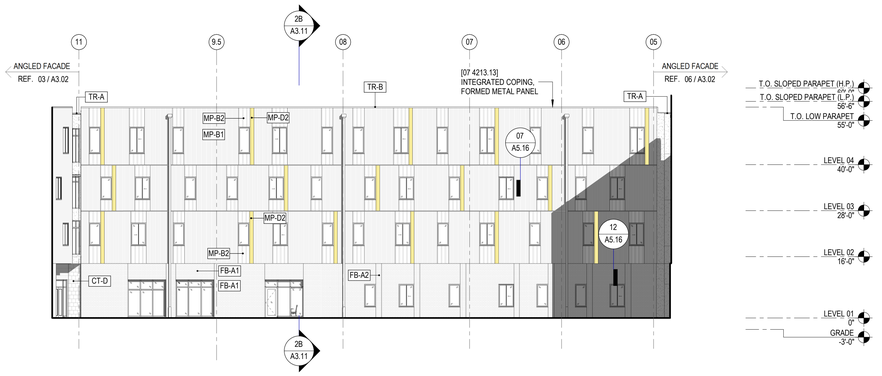
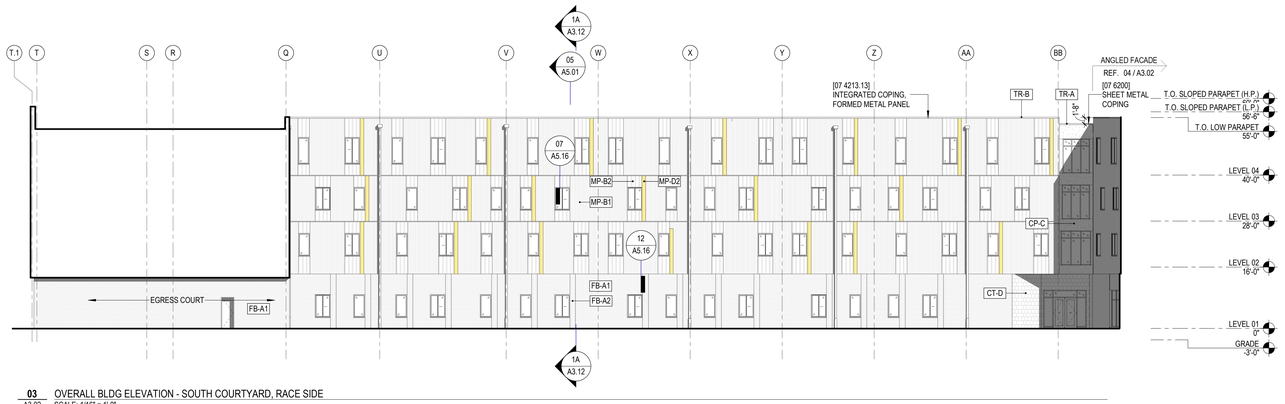
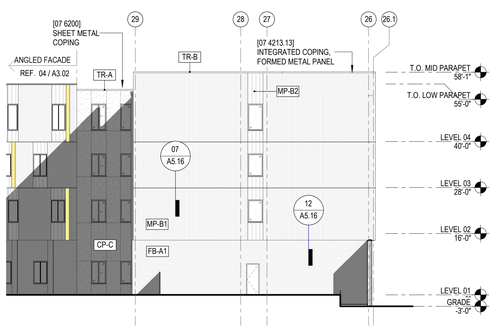


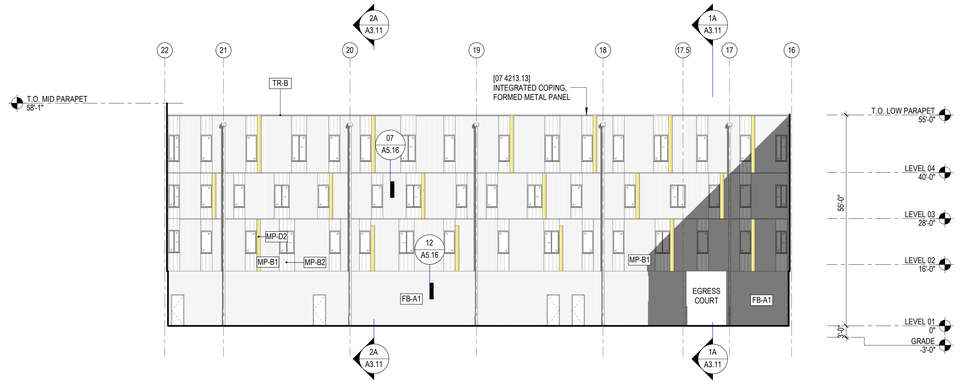
04 A3.02 OVERALL BLDG ELEVATION - WEST COURTYARD, TCHOUPITOULAS SIDE
SCALE: 1/16" = 1'-0"



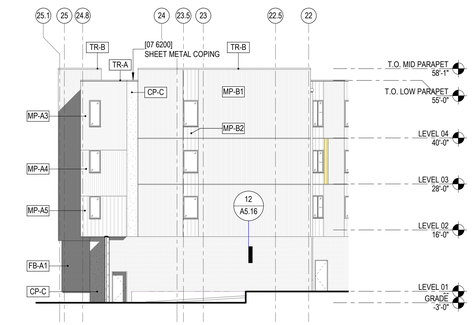
03 A3.02 OVERALL BLDG ELEVATION - SOUTH COURTYARD, RACE SIDE
SCALE: 1/16" = 1'-0"



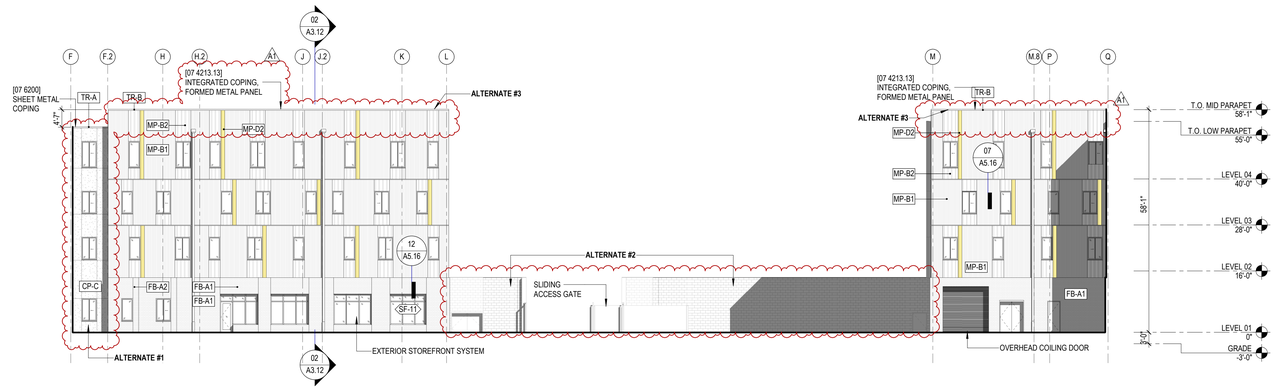
06 A3.02 OVERALL BLDG ELEVATION - PARKING ENTRY WEST SIDE
SCALE: 1/16" = 1'-0"



02 A3.02 OVERALL BLDG ELEVATION - EAST COURTYARD, PARK SIDE
SCALE: 1/16" = 1'-0"



05 A3.02 OVERALL BLDG ELEVATION - PARKING ENTRY EAST SIDE
SCALE: 1/16" = 1'-0"



01 A3.02 OVERALL BLDG ELEVATION - NORTH COURTYARD, EUTERPE SIDE
SCALE: 1/16" = 1'-0"

GENERAL NOTES - BUILDING ELEVATIONS

1. ALL SHEET METAL FLASHING & TRIM TO MATCH ADJACENT METAL PANEL COLORS, U.O.N.
2. ALL STOREFRONT MULLIONS TO MATCH METAL PANEL SAMPLE PROVIDED BY ARCHITECT.
3. ALL DOWNSPOUTS TO MATCH MP-B.
4. ALL DOWNSPOUTS TO RECEIVE CAST-IRON BOOTS.
5. REFERENCE AREA PLANS AND STOREFRONT & WINDOW TYPE SHEETS FOR ALL GLAZING DIMENSIONS.
6. ALL PARAPET CAPS AT METAL PANEL WALLS ARE FORMED METAL PANEL INTEGRATED CAPS. STUCCO AND BRICK VENEER TO RECEIVE SHEET METAL COPING.

LEGEND - EXTERIOR MATERIALS

SC-1 — MATERIAL / PROFILE, BOND, OR PANEL TYPE / COLOR

A	LIGHT GREY
B	MEDIUM GREY
C	DARK GREY
D	CUSTOM ACCENT COLOR

FB-A1	**[04 2000]** - UNIT MASONRY **COLOR & SIZE:** LIGHT GREY, STD MODULAR **BOND:** RUNNING
FB-A2	**[04 2000]** - UNIT MASONRY **COLOR & SIZE:** DARK GREY, STD MODULAR **BOND:** STACK + 1" RECESS
MP-A3	**[07 4213]** - FORMED METAL WALL PANELS **COLOR:** LIGHT GREY **PROFILE:** TYPE 3, NARROW RIB
MP-A4	**[07 4213]** - FORMED METAL WALL PANELS **COLOR:** LIGHT GREY **PROFILE:** TYPE 4, MEDIUM RIB
MP-A5	**[07 4213]** - FORMED METAL WALL PANELS **COLOR:** LIGHT GREY **PROFILE:** TYPE 5, WIDE OUTSET RIB
MP-B1	**[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 1, NARROW RIB
MP-B2	**[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 2, WIDE INSET RIB
MP-B6	**[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
MP-D2	**[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** CUSTOM ACCENT COLOR **PROFILE:** TYPE 2, WIDE INSET RIB
CP-A	**[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
CP-C	**[09 2400]** - CEMENT PLASTER **COLOR:** DARK GREY
CP-D	**[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
CT-D	**[09 3013]** - CERAMIC TILING **COLOR & SIZE:** ACCENT COLOR **BOND:**
TR-A	MISC SHEET METALS AND/OR TRIM **COLOR:** LIGHT GREY
TR-B	MISC SHEET METALS AND/OR TRIM **COLOR:** MEDIUM GREY
TR-C	MISC SHEET METALS AND/OR TRIM **COLOR:** DARK GREY

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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CONTRACTOR
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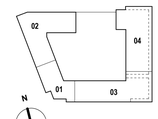
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

OVERALL BLDG ELEVATIONS - COURTYARD

A3.02

1/30/2026 2:05:56 PM
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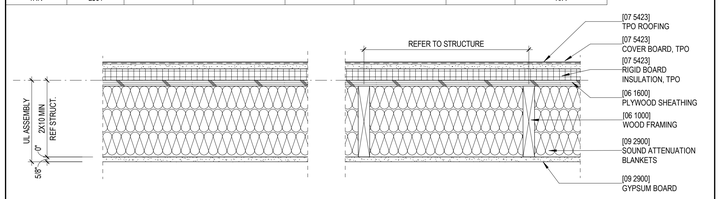
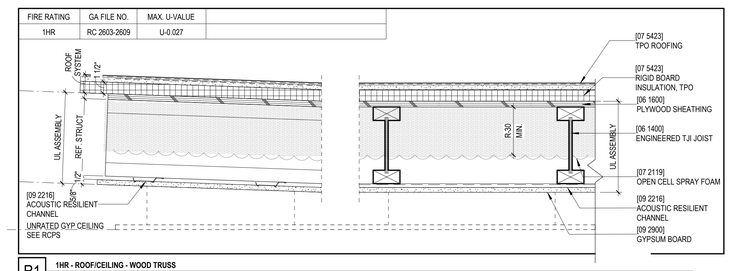
FIRE RATING	UL DESIGN	STC/IIC (WOOD)	SOUND TEST	STC/IIC (TILE)	SOUND TEST	STC/IIC (VINYL)	SOUND TEST
1HR	L501						N/A



R2 **1HR - ROOF/CEILING - WOOD JOIST**

SCALE: 1-1/2" = 1'-0"

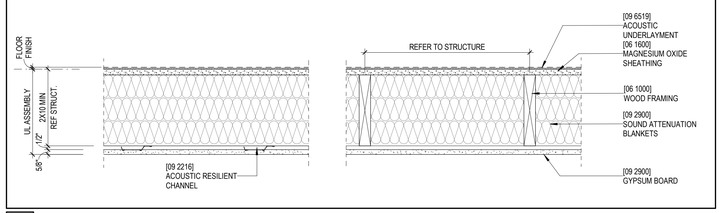
FIRE RATING	GA FILE NO.	MAX. U-VALUE
1HR	RC 2603-2609	U-0.027



R1 **1HR - ROOF/CEILING - WOOD TRUSS**

SCALE: 1-1/2" = 1'-0"

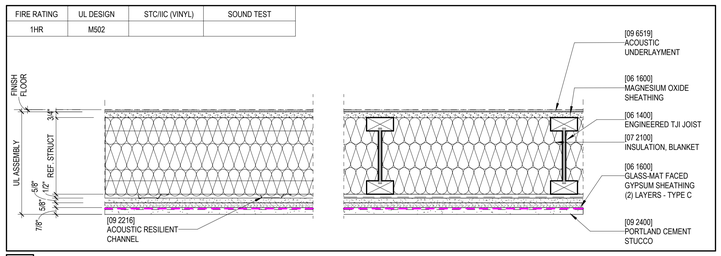
FIRE RATING	UL DESIGN	STC/IIC (WOOD)	SOUND TEST	STC/IIC (TILE)	SOUND TEST	STC/IIC (VINYL)	SOUND TEST
1HR	L501						N/A



FL5 **1HR - FLOOR /CEILING - WOOD JOIST**

SCALE: 1-1/2" = 1'-0"

FIRE RATING	UL DESIGN	STC/IIC (VINYL)	SOUND TEST
1HR	M502		



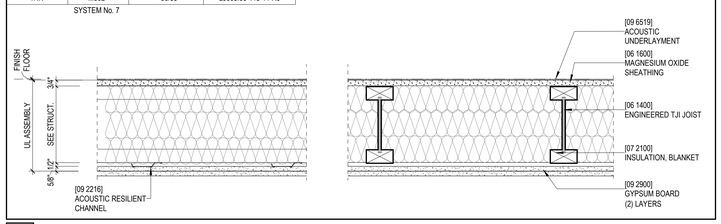
FL4 **1HR - FLOOR / SOFFIT - ENGINEERED WOOD JOIST**

SCALE: 1-1/2" = 1'-0"

FL3 **NOT USED**

FIRE RATING	UL DESIGN	STC/IIC (VINYL)	SOUND TEST
1HR	M502	58/53	L9005.03-113-11-R0

SYSTEM No. 7

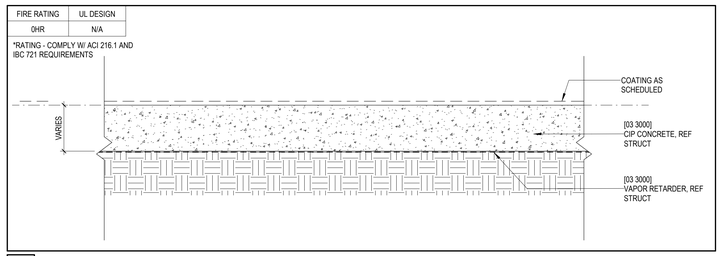


FL2 **1HR - TYPICAL FLOOR /CEILING - ENGINEERED WOOD JOIST**

SCALE: 1-1/2" = 1'-0"

FIRE RATING	UL DESIGN
0HR	N/A

*RATING - COMPLY W/ ACI 216.1 AND IBC 721 REQUIREMENTS



FL1 **CONCRETE SLAB ON GRADE**

SCALE: 1-1/2" = 1'-0"

1/30/2026 2:00:08 PM
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GENERAL NOTES - EXTERIOR ASSEMBLIES

1. REFERENCE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING STRUCTURAL STUD SIZING. DIMENSIONS HAVE BEEN PROVIDED IN THE ARCHITECTURAL WALL SECTIONS TO THE CENTERLINE OF STUD. REFERENCE ARCHITECTURAL FLOOR PLANS FOR DIMENSIONS TO THE INTERIOR FINISH FACE.
2. REFERENCE STRUCTURAL DRAWINGS AND SPECIFICATION FOR ADDITIONAL INFORMATION REGARDING CLADDING WIND LOAD REQUIREMENTS.
3. REFERENCE UL REQUIREMENTS PER PROVIDED DESIGN NUMBERS FOR REQUIREMENTS OF FIRE-RESISTANCE RATED ASSEMBLIES.
4. REFERENCE BLDG ELEVATIONS FOR SPECIFIC EXTERIOR MATERIAL FINISH TYPES AND LOCATIONS.
5. AT STRUCTURAL FRAMING BACKUP, SECURE MASONRY ANCHORS USING NON-CORROSIVE, SELF-TAPPING SCREWS.
6. ALL PRIMARY STRUCTURAL MEMBERS ARE TO BE 1HR RATED EXCEPT WHERE NOTED TO BE 2HR RATED. WHEN MEMBERS ARE WITHIN A RATED WALL OR FLOOR/CEILING ASSEMBLY, MEMBERS MUST BE **INDIVIDUALLY ENCASED** WITHIN THE ASSEMBLY. REFERENCE LIFE SAFETY & FLOOR PLANS FOR LOCATIONS OF RATED WALLS.

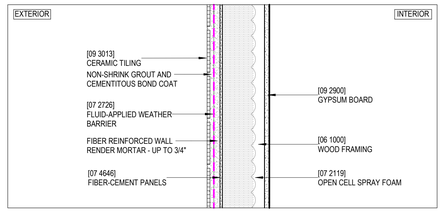
EXTERIOR WALL & PARTITION ASSEMBLY TYPE

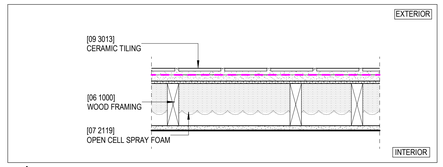
X600.6
- TYPE MARK: X(1)(2)(3).(4)
- (1) CORE MATERIAL: 3 CONCRETE; 4 MASONRY; 5 METAL; 6 WOOD
- (2) FIRE RATING - HOURS
- (3) TYPE
- (4) CORE THICKNESS - INCHES

IECC THERMAL REQUIREMENTS

ASSEMBLY TYPE	IECC 2021 C402.1.3 REQUIRED	PROPOSED ASSEMBLY VALUES
X600.0	≤ U-0.064 ≥ R-20.0	R-20.0 MIN - - - - - - OPEN-CELL SF INSULATION: R-3.9 @ 1" = 5 1/8" MIN
X400.0*	≤ U-0.123 ≥ R-7.6ci	SEE MASS WALL CALCULATION ON G1.03
R -1	≤ U-0.03 ≥ R-38	≤ U-0.027 ≥ R-38 MIN

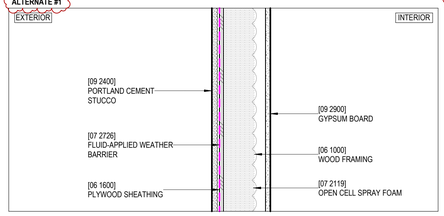
* DENOTES ENVELOPE ASSEMBLIES WITH REQUIREMENTS CALCULATED USING THE ASSEMBLY MAXIMUM U-VALUE METHOD. REFER TO CALCULATION ON G1.03. ENVELOPE REQUIREMENTS FOR ALL OTHER ASSEMBLIES ARE BASED ON MINIMUM INSULATION R-VALUE REQUIREMENTS.



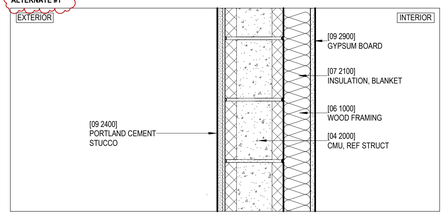


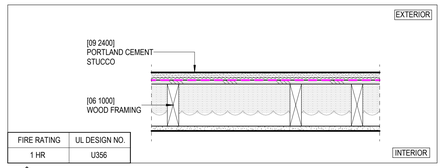
X604.8 EXT - WD - CERAMIC TILE / 2X8 / GWB — 2x8 NOMINAL

ALTERNATE #1 (A1)



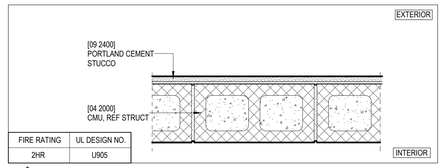
ALTERNATE #1 (A1)





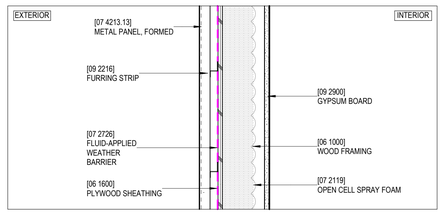
FIRE RATING	UL DESIGN NO.
1 HR	U356

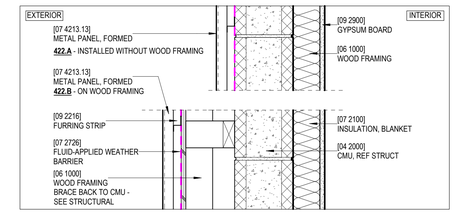
X613.6 EXT - WD - CP / 2X6 /GWB - 1HR RATED — 2x6 NOMINAL
X603.6 EXT - WD - CP / 2X6 / GWB - UNRATED — 2x6 NOMINAL
X613.8 EXT - WD - CP / 2X8 / GWB - 1HR RATED — 2x8 NOMINAL
X603.8 EXT - WD - CP / 2X8 / GWB - UNRATED — 2x8 NOMINAL

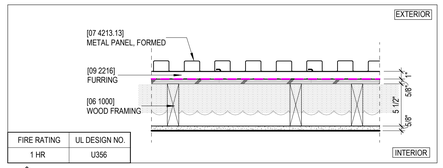


FIRE RATING	UL DESIGN NO.
2HR	U905

X423.8 EXT - CMU - CP / 8" CMU - 2HR RATED

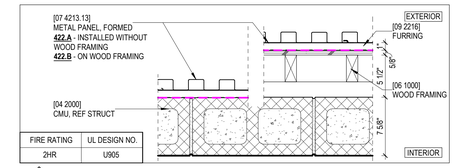






FIRE RATING	UL DESIGN NO.
1 HR	U356

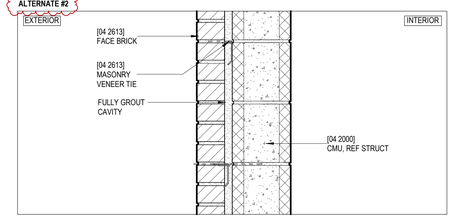
X612.6 EXT - WF - MP / 2X6 / GWB - 1HR RATED — 2x6 NOMINAL
X602.6 EXT - WF - MP / 2X6 / GWB - UNRATED — 2x6 NOMINAL

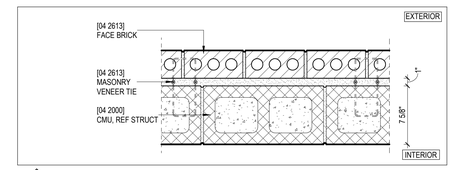


FIRE RATING	UL DESIGN NO.
2HR	U905

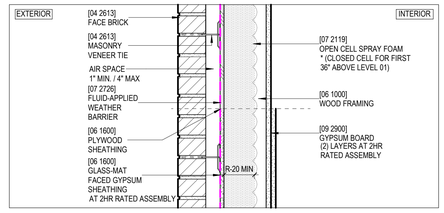
X422.A EXT - CMU - MP / 8" CMU - 2 HR RATED
X422.B EXT - CMU - MP / WD / 8" CMU - 2 HR RATED - ON WOOD FRAMING

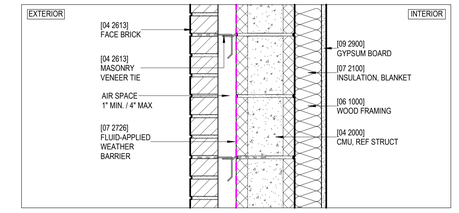
ALTERNATE #2 (A1)

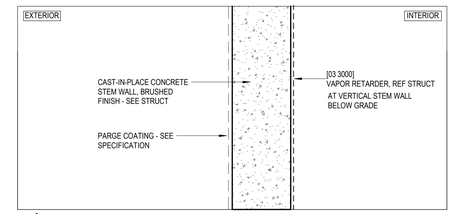




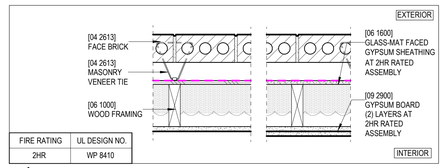
X405 EXT - SITE WALL - CMU - FB / 8" CMU





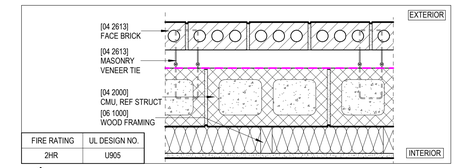


X301 EXT - CONC STEM WALL



FIRE RATING	UL DESIGN NO.
2HR	WP 8410

X621.8 EXT - WD - FB / 2X8 / GWB - 2HR RATED — 2x8 NOMINAL
X611.8 EXT - WD - FB / 2X8 / GWB - 1HR RATED — 2x8 NOMINAL
X601.8 EXT - WD - FB / 2X8 / GWB — 2x8 NOMINAL



FIRE RATING	UL DESIGN NO.
2HR	U905

X421.8 EXT - CMU - FB / 8" CMU - 2HR RATED
X401.8 EXT - CMU - FB / 8" CMU - UNRATED

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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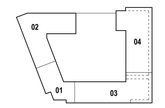
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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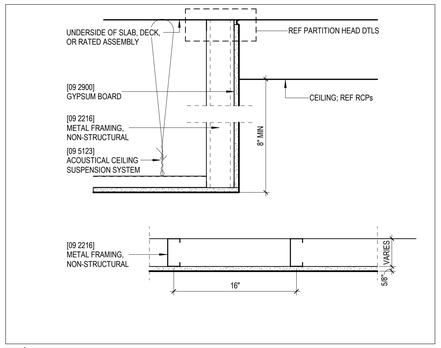
PROJECT NUMBER
CN22194

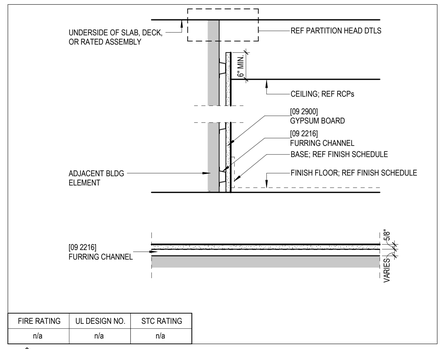
ISSUE DATE
2025_10-30

ASSEMBLY TYPES - EXTERIOR WALL, FLR CLG, & ROOF

A4.01



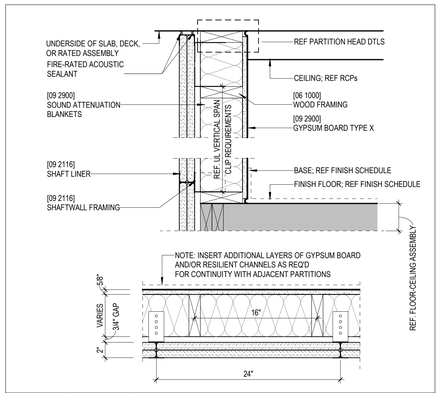
H1 INT - NSMF - GWB / 3 5/8" - SOFFIT FRAMING — 3 5/8" STUD



FIRE RATING	UL DESIGN NO.	STC RATING
n/a	n/a	n/a

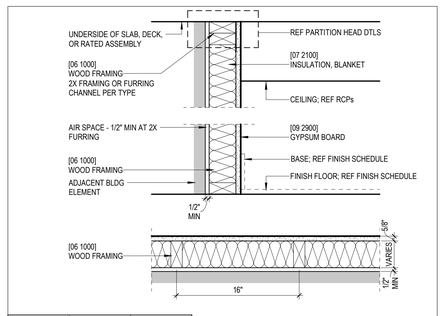
F1 INT - NSMF - FURRING / GWB — 7/8" FURRING CHANNEL

F2 INT - NSMF - FURRING / GWB — 1 1/2" FURRING CHANNEL



FIRE RATING	UL DESIGN NO.	STC RATING	SOUND TEST
2HR	U347	59	RAL TL 10-290

S6 SHAFTLINER WALL ON LOAD BEARING WOOD STUDS — 2x6 NOMINAL

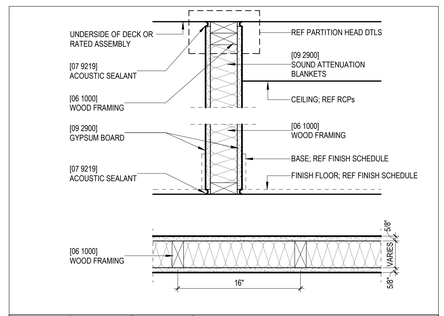


FIRE RATING	UL DESIGN NO.	STC RATING
n/a	n/a	n/a

*PROVIDE WITH R-11 THERMAL BATT INSULATION AT FURRING WALLS ADJACENT TO EXTERIOR ENVELOPE CMU WALLS, REF. PLANS.

F4 F6 INT - WD - FURRING WALL — 2x4 NOMINAL

F6 INT - WD - FURRING WALL — 2x6 NOMINAL

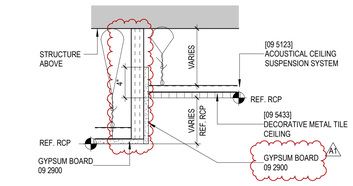


FIRE RATING	UL DESIGN NO.	STC RATING	SOUND TEST
0HR	n/a	45-49	COORDINATE STC RAT'G WITH GYP BD TYPE & STUD SPACING/SIZE

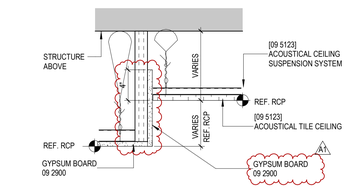
B4 B6 B8 INT - WD - STC 45-49 - GWB / 2x4 / GWB — 2x4 NOMINAL

B6 B8 INT - WD - STC 45-49 - GWB / 2x6 / GWB — 2x6 NOMINAL

B8 INT - WD- STC 45-49 - GWB / 2x8 / GWB — 2x8 NOMINAL

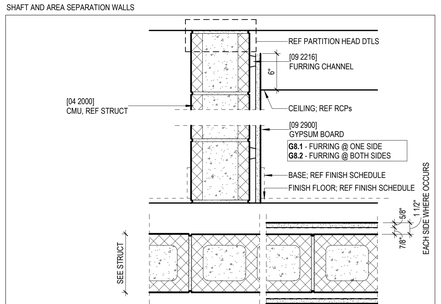


02 A4.02 TYP. GYP- ACOUSTIC DECORATIVE CEILING TRANSITION EDGE TRIM
SCALE: 1 1/2" = 1'-0"



01 A4.02 TYP. GYP-ACT CEILING TRANSITION EDGE TRIM
SCALE: 1 1/2" = 1'-0"

SHAFT AND AREA SEPARATION WALLS



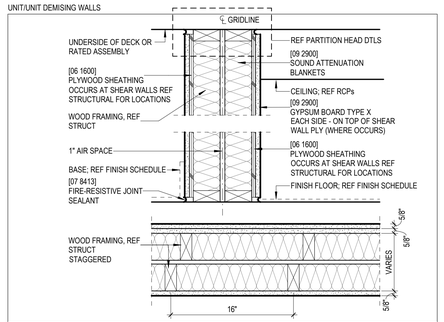
FIRE RATING	UL DESIGN NO.	STC RATING
2HR	U905	n/a

G8 INT - CMU - 8" NOMINAL CMU — 8" CMU

G8.1 INT - CMU - 8" NOMINAL CMU - FURRING @ ONE SIDE — 7/8" FURRING CHANNEL

G8.2 INT - CMU - 8" NOMINAL CMU - FURRING @ BOTH SIDES — 7/8" FURRING CHANNEL

UNIT/UNIT DEMISING WALLS



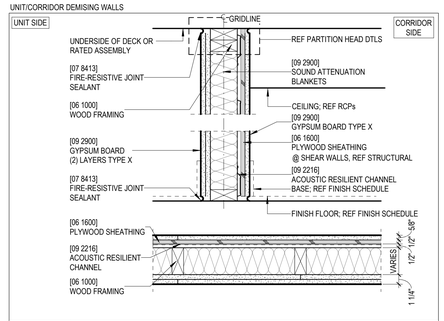
FIRE RATING	UL DESIGN NO.	STC RATING	SOUND TEST
1HR	U341	55	COORDINATE STC RAT'G WITH GYP BD TYPE & STUD SIZE

D4 D6 D8 INT - WD - 1HR_STC 55 - GWB / (2) 2x4 / GWB — 2x4 NOMINAL

D6 D8 INT - WD - 1HR_STC 55 - GWB / (2) 2x6 / GWB — 2x6 NOMINAL

D8 INT - WD - 1HR_STC 55 - GWB / (2) 2x8 / GWB — 2x8 NOMINAL

UNIT/CORRIDOR DEMISING WALLS



FIRE RATING	UL DESIGN NO.	STC RATING	SOUND TEST
1HR	U301	60	COORDINATE STC RAT'G WITH GYP BD TYPE & STUD SIZE

A6 A5 INT - ##_WD - 2HR_STC 60 - (2)GWB / 2x4 / RC / GWB — 2x4 NOMINAL

A6 A5 INT - WD - 1HR_STC 60 - (2)GWB / 2x6 / RC / GWB — 2x6 NOMINAL

A5 INT - ##_WD - 2HR_STC 60 - (2)GWB / 2x8 / RC / GWB — 2x8 NOMINAL

GENERAL NOTES - INTERIOR PARTITIONS

1. ALL EXTERIOR WALLS, LOAD BEARING WALLS, FLOORS, ROOFS, AND PRIMARY STRUCTURAL FRAME ELEMENTS SHALL HAVE A MINIMUM 1HR FIRE RATED MEMBRANE PROTECTION. REF. STRUCTURAL FOR LOAD BEARING WALL LOCATIONS. REF. ARCHITECTURAL FLOOR PLANS AND LIFE SAFETY PLANS FOR ADDITIONAL FIRE RATED PARTITION & FIRE BARRIER LOCATIONS.
2. NON-SPRINKLERED COMBUSTIBLE CONCEALED SPACES SHALL BE FILLED WITH NON-COMBUSTIBLE INSULATION PER NFPA 13 SECTION 8.15.1.2.17
3. CORRIDOR WALLS AND RATED PARTITION WALLS (I.E. RESIDENTIAL UNIT DEMISING WALLS) THAT DO NOT EXTEND TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK SHALL BE PROVIDED WITH FIREBLOCKING OR DRAFTSTOPPING PER IBC 708.4.2
4. PLAN DIMENSIONS ARE TYPICALLY CENTER OF STUD, OR FACE OF BRICK OR CMU UNLESS NOTED OR INDICATED OTHERWISE.
5. THE PARTITION TYPE NOTED BY SYMBOL CONTINUES BETWEEN CORNERS AND BETWEEN INTERSECTING PARTITIONS. AT OPENINGS, PROVIDE THE SAME PARTITION TYPE ABOVE AND BELOW SUCH OPENING AS THAT ON EITHER SIDE OF THE OPENING. AT PARTITIONS SCHEDULED TO EXTEND TO STRUCTURE ABOVE, EXTEND THE PARTITION AROUND AND ABOVE DUCTS, BEAMS, AND OTHER OBSTRUCTIONS. ALIGN DIFFERENT PARTITION THICKNESS SO THAT THE FINISHED WALL PLANES CONTINUED UNBROKEN WITHIN EACH ROOM OR CORRIDOR, UNLESS NOTED OTHERWISE. WHERE FACE OF COLUMN FURRING IS SHOWN AS ALIGNING WITH FACE OF PARTITION, CONTINUE FACE UNBROKEN PAST THE COLUMN.
6. EXTEND ALL STUDS TIGHT TO UNDERSIDE OF HORIZONTAL CONSTRUCTION ABOVE, UNLESS OTHERWISE NOTED. COORDINATE WITH MECHANICAL AND ELECTRICAL TRADES FOR INSTALLATION OF SLEEVES, CONDUIT, DAMPERS AND OTHER BUILT-IN ITEMS WHERE RATED WALLS JOIN OTHER RATED MATERIALS OR FINISHES USE U.L. APPROVED RATED JOINT FILLER.
7. WHERE COLUMNS, MECHANICAL CHASES, PIPING, AND OTHER ELEMENTS ARE LOCATED WITHIN A FIRERATED PARTITION, CONTINUE THE GYPSUM BOARD AROUND BOTH SIDES OF THE OBSTRUCTION TO MAINTAIN THE RATED ASSEMBLY. FOR DUCT, PIPE, CONDUIT, AND OTHER PENETRATIONS PASSING THROUGH A FIRERATED PARTITION, PROVIDE TIGHT FITTING FIRE-RATED STOPPING ASSEMBLIES.
8. WHERE SMOKE AND FIRE-RATED PARTITIONS TERMINATE AT EXTERIOR WALLS, FILL VOIDS WITH FIRE-RATED ASSEMBLES, OR EXTEND THE RATED PARTITIONS TO THE OUTER FACE OR EXTERIOR WALL CONSTRUCTIONS. ENSURE THAT NO FLANKING PATHWAYS EXIST THAT MIGHT PERMIT SMOKE OR FIRE TO FLOW FROM ONE SIDE OF THE PARTITION TO THE OTHER.
9. WHERE ACOUSTICAL INSULATION IS INDICATED FOR PARTITIONS, SEAL TOP, BOTTOM AND SIDES OF EACH FACE OF GYPSUM BOARD WITH ACOUSTICAL SEALANT WHERE THE PARTITION CONTACTS OTHER MATERIALS.
10. BACK-TO-BACK ELECTRICAL BOXES WITHIN A FIRE RATED ASSEMBLY ARE NOT PERMITTED UNLESS BOTH BOXES ARE WRAPPED WITH ADHESIVE WRAPPED INTUMESCENT PUTTY PADS. WHERE JUNCTION, OUTLET, AND SWITCH BOXES OCCUR ON OPPOSITE SIDES OF A PARTITION, PROVIDE PUTTY PADS FOR BOTH BOXES, OFFSET THE BOXES A MINIMUM OF ONE STUD SPACE AND PROVIDE ACOUSTICAL INSULATION BEHIND AND BETWEEN THEM.
11. ALL WET AREAS TO RECEIVE MOISTURE-RESISTANT GYP. BOARD. PROVIDE CEMENT BACKER BOARD BEHIND ALL TILE APPLICATIONS.
12. ALL RATED WALL ASSEMBLIES TO HAVE "TYPE X" GYPSUM BOARD UNLESS OTHERWISE INDICATED. REFER TO LISTED UL ASSEMBLIES FOR ADDITIONAL INFORMATION.
13. FOR 4' ABOVE LEVEL 01 SLAB: GYPSUM BOARD, PLYWOOD, INSULATION, AND JOINT SEALANTS TO BE WATER AND FLOOD RESISTANT RATED
14. ALL WOOD FRAMING TO BE PRESSURE TREATED WHEN IN CONTACT WITH CONCRETE AND CMU BLOCK.
15. AT THE UNIT TO STAIR ADJACENY (TYP.), IF THE FURRED WALL TIES BACK TO STAIR CMU, USE RESILIENT CLIPS.
16. AT UNIT WALL AND ELEVATOR SHAFT (TYP.) PROVIDE AT LEAST 1" AIR GAP BETWEEN SUITE WALL AND ELEVATOR SHAFT. USE BRACES SUCH AS KINETICS UNIBRACE I, IF REQUIRED.

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

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CONTRACTOR
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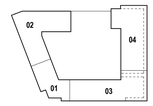
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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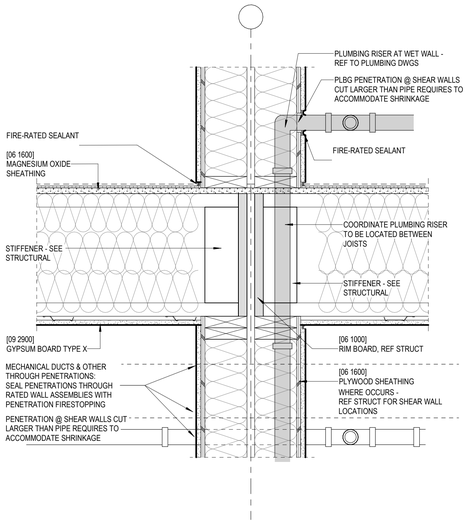
PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

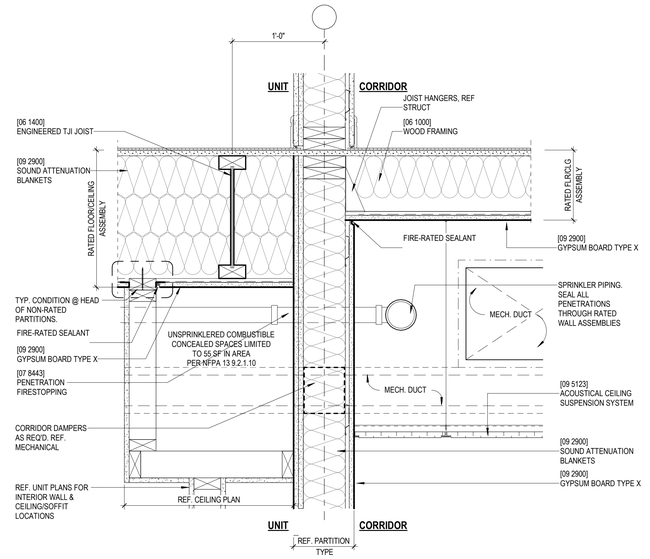
ASSEMBLY TYPES - INTERIOR PARTITIONS

A4.02

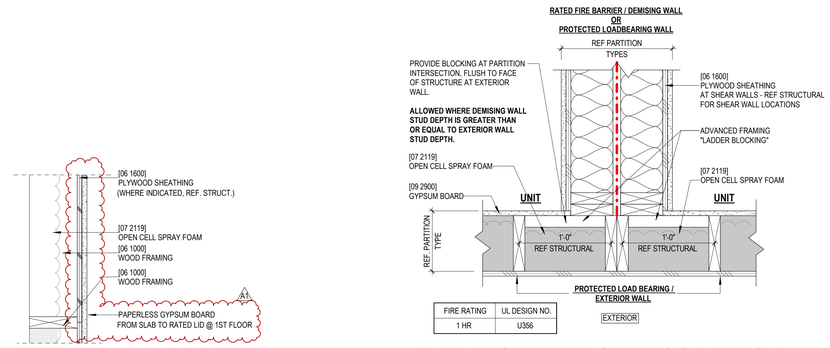
1/30/2026 2:01:00 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt



08 A4.03 TYPICAL RATED TJI / TJI BEARING WALL @ FLOOR CEILING ASSEMBLY W/ PLBG
SCALE: 1 1/2" = 1'-0"

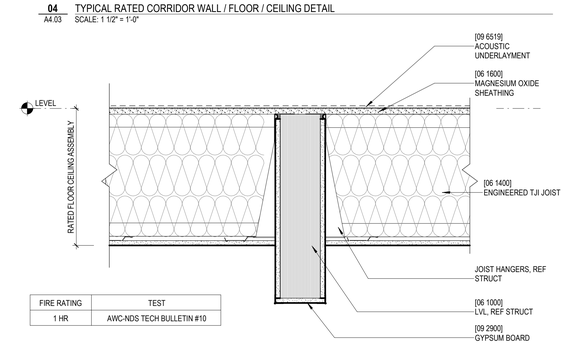


04 A4.03 TYPICAL RATED CORRIDOR WALL / FLOOR / CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



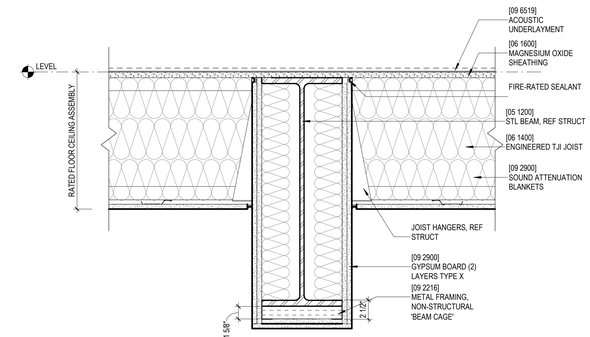
FIRE RATING	UL DESIGN NO.
1 HR	U356

07 A4.03 TYP. ADVANCED FRAMING DETAIL @ RATED DEMISING WALL & EXTERIOR WALL
SCALE: 1 1/2" = 1'-0"



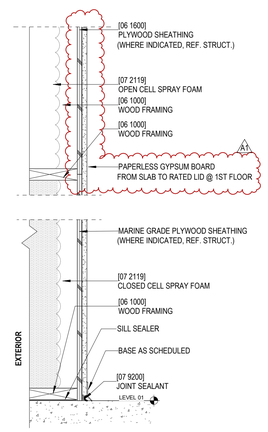
FIRE RATING	TEST
1 HR	AWC-NDS TECH BULLETIN #10

03 A4.03 TYP DTL - 1HR PRIMARY STRUCTURAL BEAM - LVL
SCALE: 1 1/2" = 1'-0"

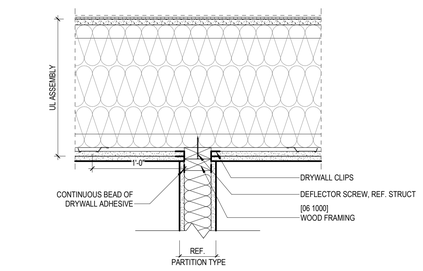


FIRE RATING	UL DESIGN
1 HR	L524

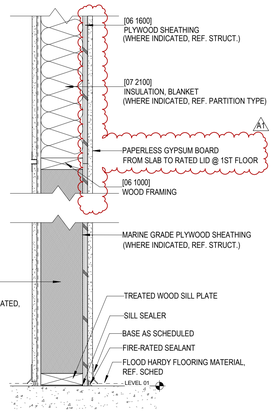
02 A4.03 TYP DTL - 1HR PRIMARY STRUCTURAL BEAM (DEEP) INDIVIDUAL PROTECTION
SCALE: 1 1/2" = 1'-0"



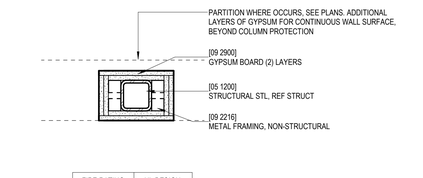
10 A4.03 TYPICAL FLOOD HARDY CONSTRUCTION DTL. @ LEVEL 01 EXTERIOR WALLS
SCALE: 1 1/2" = 1'-0"



06 A4.03 TYPICAL NON-BEARING, NON-FIRE BLOCKED INTERIOR PARTITION HEAD DTL
SCALE: 1 1/2" = 1'-0"

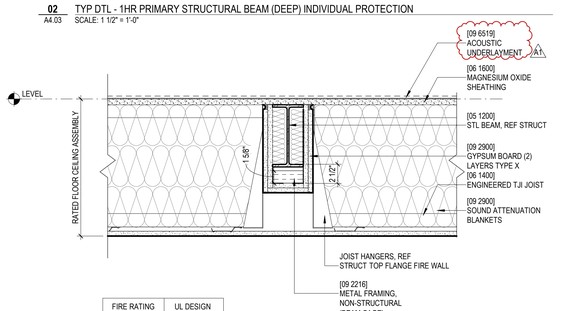


09 A4.03 TYPICAL FLOOD HARDY CONSTRUCTION DTL. @ LEVEL 01 INTERIOR WALLS
SCALE: 1 1/2" = 1'-0"



FIRE RATING	UL DESIGN
1 HR	X528

05 A4.03 TYP DTL - 1HR PRIMARY STRUCTURAL COLUMN INDIVIDUAL PROTECTION
SCALE: 1 1/2" = 1'-0"



FIRE RATING	UL DESIGN
1 HR	L524

01 A4.03 TYP DTL - 1HR PRIMARY STRUCTURAL BEAM INDIVIDUAL PROTECTION
SCALE: 1 1/2" = 1'-0"

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

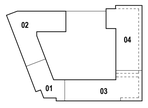
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



© TRAPOLIN-PEER ARCHITECTS, APC

PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ASSEMBLY AND FRAMING DETAILS

A4.03

1/30/2026 2:01:01 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

DOOR SCHEDULE

DOOR NUMBER	TYPE	DESCRIPTION	FRAME MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR PANEL TYPE	DOOR MATERIAL	FIRE RATING (MIN.)	GLAZING TYPE	PANIC HARDWARE	ACCESS CONTROL	COMMENTS
Exterior													
GRADE													
G5	GATE	DOUBLE	HM_PAINT	6'-0"	8'-0"	1 3/4"	F	HM_PAINT					
X139	HM-2	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	NG	HM_PAINT	90	GL-D-H-W-90	YES		EGRESS ONLY, NO EXTERIOR HARDWARE
X140	HM-5	DOUBLE	HM_PAINT	8'-0"	8'-0"	1 3/4"	F	HM_PAINT					MAINTENANCE LOCK, ENTERGY ACCESS
X185	SF	SF DOUBLE	HM_PAINT	6'-0"	8'-0"	1 3/4"	FG	HM_PAINT			YES	YES	ADA PUSH BUTTON
X194	HM-2	SINGLE	HM_PAINT	3'-6"	8'-0"	1 3/4"	F	HM_PAINT			YES	YES	
X196	HM-2	SINGLE	HM_PAINT	3'-6"	8'-0"	1 3/4"	F	HM_PAINT				YES	
LEVEL 01													
G1	GATE	SINGLE	FENCE	3'-6"	8'-0"	1 3/4"	F	HM_PAINT			YES	YES	
G2	GATE	SINGLE	FENCE	3'-6"	8'-0"	1 3/4"	F	HM_PAINT			YES	YES	
G3	GATE	SINGLE	FENCE	3'-6"	8'-0"	1 3/4"	F	HM_PAINT			YES	YES	
G4	GATE	SINGLE	FENCE	3'-6"	8'-0"	1 3/4"	F	HM_PAINT			YES	YES	
X100	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM			YES	YES	INTERCOM CALL STATION, ADA PUSH BUTTON
X101	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM			YES	YES	ACCESS CONTROL IN
X107	SF	SF SINGLE	Stainless Steel -Satsbury Finish = Polished	3'-0 1/4"	8'-0"	1 3/4"	FG	Stainless Steel -Satsbury Finish = Polished				YES	EGRESS ONLY, NO EXTERIOR HARDWARE
X131	SF	SF SINGLE	PREFINISHED ALUMINUM	3'-0 5/32"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM				YES	
X134	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	HM_PAINT					MAINTENANCE LOCK
X160	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	HM_PAINT			YES		EGRESS ONLY, NO EXTERIOR HARDWARE
X161.1	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	7'-11"	1 3/4"	FG	PREFINISHED ALUMINUM					
X161.2	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X161.3	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	HM_PAINT					
X161.5	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X162	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X162.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				
X163	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X163.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				
X164	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X164.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				
X165	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X165.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				
X166	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X166.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				
X167	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					
X172	HM-5	DOUBLE	HM_PAINT	6'-0"	8'-0"	1 3/4"	F	HM_PAINT					
X200	HM-2	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	HM_PAINT					INTERIOR AND EXTERIOR MAINTENANCE LOCK
Interior													
GRADE													
186	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES	YES	
E102	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
LEVEL 01													
101	SF	SF DOUBLE	PREFINISHED ALUMINUM	6'-0"	8'-0"	1 3/4"	FG	Stainless Steel -Satsbury Finish = Polished				YES	INTERCOM CALL STATION, ADA PUSH BUTTON
101.1	HM-1	DOUBLE	HM_PAINT	5'-0"	8'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
101.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
101.3	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
102.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
102.2	HM-1	SINGLE	HM_PAINT	2'-6"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
102.3	HM-1	SINGLE	HM_PAINT	2'-6"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
102.4	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
103	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-45		YES	LOCKABLE
103.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD					
103.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD					
103.3	HM-1	SINGLE	HM_PAINT	2'-6"	8'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
103.4	HM-1	DOUBLE	HM_PAINT	5'-0"	8'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
104	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
105.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-45		YES	
106	HM-3	SIDELITE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-OH-45		YES	
106.1	SF	SF SINGLE	PREFINISHED ALUMINUM	3'-0"	7'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					ACOUSTIC THRESHOLD AND HARDWARE
107.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
107.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
108	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
109	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES	YES	
110	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-45	YES	YES	
123	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45			YES	MAINTENANCE LOCK
125.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
125.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
131	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-45		YES	
131.1	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD					ACOUSTIC THRESHOLD AND HARDWARE
131.2	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
131.3	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
133	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	20			YES	
134	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
135	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
136	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
137	HM-1	SINGLE	HM_PAINT	4'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
138	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	20				MAINTENANCE LOCK
139	HM-2	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES	YES	
140	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	FG	WD	45	GL-D-H-45		YES	
157	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES	YES	
160	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90	GL-D-H-W-90			
160.1	HM-2	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	90				MAINTENANCE LOCK
161.1	HM-2	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
E101	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
LEVEL 02													
200.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
201	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD				YES	
203	SF	SF SINGLE	PREFINISHED ALUMINUM	3'-0"	8'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					ACOUSTIC THRESHOLD AND HARDWARE
204	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
205	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
206	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
207	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
208	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45		YES		HOLD OPEN DOOR HW
209	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
210	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	45	GL-D-H-45			
223	HM-1	SINGLE	HM_PAINT	3'-0"	8'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
225.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
225.2	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
239	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
240	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	45	GL-D-H-45			
257	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
258	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
259	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
260	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	90	GL-D-H-W-90			
276	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
278	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
284	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				
285	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45				HOLD OPEN DOOR HW
286	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
E201	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
E202	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
LEVEL 03													
300.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FL	WD					MAINTENANCE LOCK
301	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD				YES	
303	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
304	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
305	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
307.1	A5	DOUBLE	HM_PAINT	5'-0"	7'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
307.2	A5	DOUBLE	HM_PAINT	5'-0"	7'-0"	1 3/4"	F	WD					MAINTENANCE LOCK
308	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45		YES		HOLD OPEN DOOR HW
309	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
310	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	45	GL-D-H-45			
323	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
325.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
325.2	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
339	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
340	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	45	GL-D-H-45			
357	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
358	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
359	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
360	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	90	GL-D-H-W-90			
376	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
378	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
384	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				
385	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45				HOLD OPEN DOOR HW
386	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
E301	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
E302	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
LEVEL 04													
400.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FL	WD	90				MAINTENANCE LOCK
401	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD				YES	ACOUSTIC THRESHOLD AND HARDWARE
403	SF	SF SINGLE	PREFINISHED ALUMINUM	3'-0"	7'-0"	1 3/4"	FG	PREFINISHED ALUMINUM					ACOUSTIC THRESHOLD AND HARDWARE
404	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
405	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD					ACOUSTIC THRESHOLD AND HARDWARE
408	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45		YES		HOLD OPEN DOOR HW
409	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
410	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	90	GL-D-H-W-90			
423	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
425.1	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK

A1

DOOR SCHEDULE

DOOR NUMBER	TYPE	DESCRIPTION	FRAME MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR PANEL TYPE	DOOR MATERIAL	FIRE RATING (MIN.)	GLAZING TYPE	PANIC HARDWARE	ACCESS CONTROL	COMMENTS
425.2	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
439	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
440	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	FG	WD	20	GL-D-H-45			
457	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
458	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
460	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	90	GL-D-H-W-90			
476	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
478	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				MAINTENANCE LOCK
484	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	WD	45				
485	A3	DOUBLE	HM_PAINT	6'-0"	7'-0"	1 3/4"	F	WD	45				HOLD OPEN DOOR HW
486	A4	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	NG	WD	90	GL-D-H-W-90	YES		
E401	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	
E402	BY MNFR	ELEVATOR BYPASS	STAINLESS STEEL	4'-0"	8'-0"	2 1/2"	FS	STAINLESS STEEL				YES	

DOOR SCHEDULE - INTERIOR UNITS

TYPE	USAGE DESCRIPTION	FRAME TYPE	FRAME DESCRIPTION	FRAME MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR PANEL TYPE	DOOR MATERIAL	FIRE RATING (MIN.)	HARDWARE SET	MODEL
A	UNIT ENTRY DOORS	HM-1	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	MDF_FIRE RATED	20	ENTRY	
A2	UNIT ENTRY DOORS	HM-1	SINGLE	HM_PAINT	3'-0"	7'-0"	1 3/4"	F	MDF_FIRE RATED	45	ENTRY	
B	UNIT BEDROOM DOORS	WD-1	SINGLE	WD_PAINT	3'-0"	6'-8"	1 3/8"	PR	WD_SOLID-CORE_PAINT		PRIVACY	PREHUNG
C	UNIT BATHROOM DOORS	WD-1	SINGLE	WD_PAINT	2'-10"	6'-8"	1 3/8"	PR	WD_SOLID-CORE_PAINT		PRIVACY	PREHUNG
C2	UNIT BATHROOM DOORS (ADA)	WD-1	SINGLE	WD_PAINT	3'-0"	6'-8"	1 3/8"	PR	WD_SOLID-CORE_PAINT		PRIVACY	PREHUNG
D	UNIT UTILITY DOORS	WD-1	SINGLE	WD_PAINT	2'-6"	6'-8"	1 3/8"	PRL	WD_SOLID-CORE_PAINT		CLOSET	PREHUNG
E	UNIT CLOSET DOORS	WD-1	DOUBLE BYPASS	WD_PAINT	5'-0"	6'-8"	1 3/8"	PRS	WD_SOLID-CORE_PAINT		CLOSET BYPASS	PREHUNG

A1

GENERAL NOTES - DOOR SCHEDULE

1. ALL DOORS SHALL BE 1-3/4" THICK UNLESS NOTED OTHERWISE.
2. ALL INTERIOR DOORS SHALL BE UNDERCUT 1/2" MAX. UNLESS NOTED OTHERWISE.
3. ALL HOLLOW METAL DOOR FRAMES IN MASONRY SHALL BE GROUTED SOLID.
4. ALL EXTERIOR HOLLOW METAL DOORS SHALL BE INSULATED WITH DETAILING FOAM.
5. REFER TO THE FLOOR PLANS FOR EXACT LOCATIONS OF DOORS AND DIRECTION OF DOOR SWINGS.
6. SEE STOREFRONT TYPE ELEVATIONS FOR STOREFRONT DOOR FRAME TYPES.
7. REFER TO ENLARGED UNIT PLANS FOR DOOR TYPE USAGE TAGS.
8. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
9. DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS, CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
10. ALL NON-RATED INTERIOR DOORS TO BE GLAZED WITH **GL-03T** U.N.O.
11. 10. ALL EXTERIOR DOORS TO BE GLAZED WITH **GL-02T** GLASS U.N.O.

GLAZING TYPE LEGEND

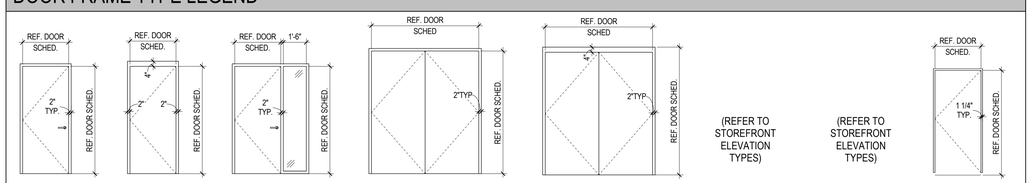
GL-01T:	LOW-E-COATED, CLEAR INSULATING LAMINATED GLASS, WINDBORNE-DEBRIS-IMPACT-RESISTANT.
GL-02T:	LOW-E-COATED, CLEAR LAMINATED GLASS, WINDBORNE-DEBRIS-IMPACT-RESISTANT.
GL-03T:	CLEAR FULLY TEMPERED FLOAT GLASS
GL-D-20:	20 MINUTE RATED FIRE PROTECTIVE SAFETY GLAZING
GL-D-H-OH-20:	20 MINUTE RATED FIRE PROTECTIVE SAFETY DOOR AND SIDELITE GLAZING
GL-D-H-45:	45 MINUTE RATED FIRE PROTECTIVE SAFETY GLAZING
GL-D-H-OH-45:	45 MINUTE RATED FIRE PROTECTIVE SAFETY DOOR AND SIDELITE GLAZING
GL-D-H-60:	60 MINUTE RATED FIRE PROTECTIVE SAFETY GLAZING
GL-D-H-W-90	90 MINUTE RATED FIRE RESITANT SAFETY DOOR GLAZING
GL-H-OH-W-120:	120 MINUTE FIRE RESISTANT SAFETY SIDELITE & TRANSOM GLAZING

GLAZING TYPE ABBREVIATIONS:

W: MEETS WALL ASSEMBLY CRITERIA PER ASTM E119 OR UL 263.
OH: MEETS FIRE WINDOW ASSEMBLY CRITERIA INCLUDING THE HOSE STREAM TEST; NFPA 257 OR UL 9.
D: MEETS FIRE DOOR ASSEMBLY CRITERIA PER NFPA 252 OR UL 10B OR UL 10C.
H: MEETS FIRE DOOR ASSEMBLY "HOSE STREAM" TEST CRITERIA PER NFPA 252 OR UL 10B OR UL 10C.
T: MEETS 450 DEGREE F TEMPERATURE RISE CRITERIA FOR 30 MINUTES CRITERIA PER NFPA 252 OR UL 10B OR UL 10C.

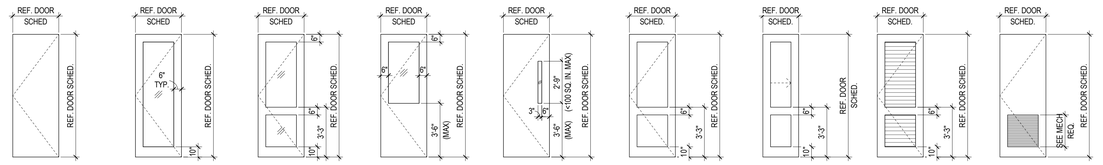
FROM IBC 2021 TABLE 716.1

DOOR FRAME TYPE LEGEND



HM-1 HOLLOW METAL
HM-2 HOLLOW METAL (MASONRY)
HM-3 HOLLOW METAL W/ SIDELITE
HM-4 HOLLOW METAL DOUBLE DOOR
HM-5 HOLLOW METAL DOUBLE DOOR (MASONRY)
SF STOREFRONT
ISF INTERIOR STOREFRONT
WD-1 WOOD

DOOR PANEL TYPE LEGEND



F FLUSH / FULL
FG FULL GLASS
FGR FULL GLASS W/ RAIL
HG HALF GLASS
NG NARROW GLASS
PR PANEL W/ RAIL
PRS DOUBLE PANEL W/ RAIL - SLIDING
PRL VENTED LOUVERED PANEL W/ RAIL
FL FLUSH W/ VENTED LOUVERED PANEL

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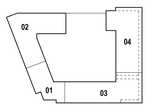
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
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ISSUE DATE
2025_10-30

OPENINGS - DOOR SCHEDULE

A4.11

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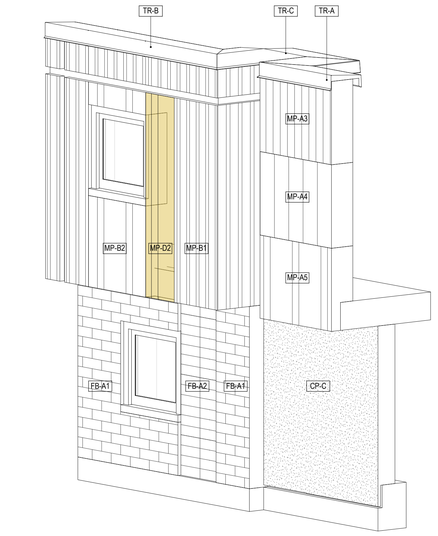
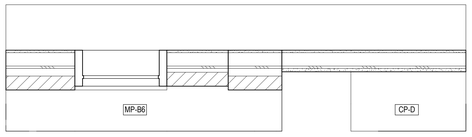
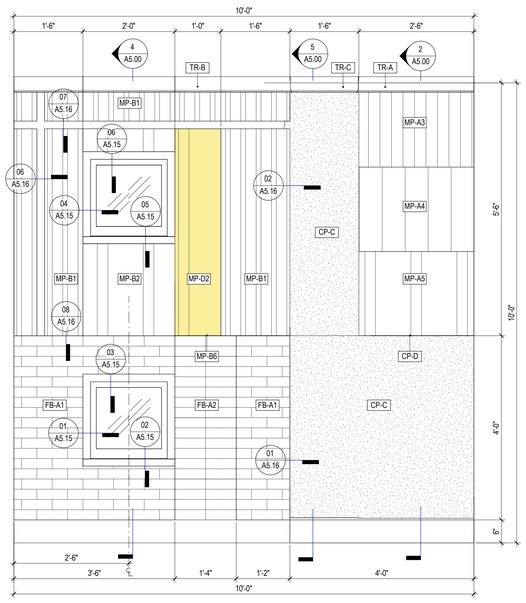


3 A5.00 MOCK UP AXON
SCALE:

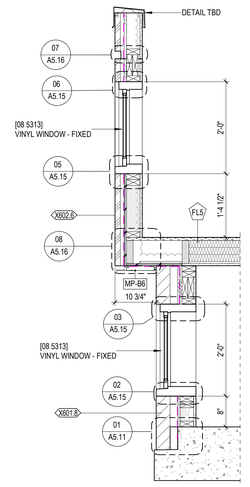


7 A5.00 MOCK UP RCP
SCALE: 3/4" = 1'-0"

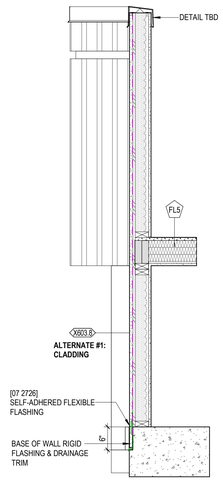
6 A5.00 MOCK UP PLAN 2
SCALE: 3/4" = 1'-0"



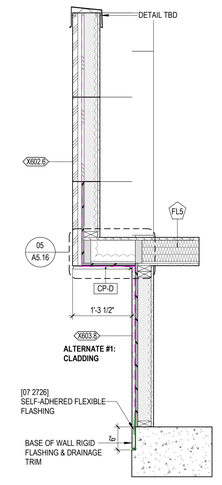
1 A5.00 MOCK UP ELEVATION
SCALE: 3/4" = 1'-0"



4 A5.00 MOCK UP SECTION 1
SCALE: 3/4" = 1'-0"



5 A5.00 MOCK UP SECTION 2
SCALE: 3/4" = 1'-0"



2 A5.00 MOCK UP SECTION 3
SCALE: 3/4" = 1'-0"

LEGEND - EXTERIOR MATERIALS

SC-1 — MATERIAL / PROFILE, BOND, OR PANEL TYPE / COLOR

A	LIGHT GREY
B	MEDIUM GREY
C	DARK GREY
D	CUSTOM ACCENT COLOR

FB-A1 — **[04 2000]** - UNIT MASONRY
COLOR & SIZE: LIGHT GREY, STD MODULAR
BOND: RUNNING

FB-A2 — **[04 2000]** - UNIT MASONRY
COLOR & SIZE: DARK GREY, STD MODULAR
BOND: VERTICAL STACK + 1" RECESS

MP-A3 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 3, NARROW RIB

MP-A4 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 4, MEDIUM RIB

MP-A5 — **[07 4213]** - FORMED METAL WALL PANELS
COLOR: LIGHT GREY
PROFILE: TYPE 5, WIDE OUTSET RIB

MP-B1 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 1, NARROW RIB

MP-B2 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 2, WIDE INSET RIB

MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: MEDIUM GREY
PROFILE: TYPE 6, FLAT SOFFIT

MP-D2 — **[07 4213.13]** - FORMED METAL WALL PANELS
COLOR: CUSTOM ACCENT COLOR
PROFILE: TYPE 2, WIDE INSET RIB

CP-C — **[09 2400]** - CEMENT PLASTER
COLOR: DARK GREY

CP-D — **[09 2400]** - CEMENT PLASTER
COLOR: ACCENT COLOR

TR-A — MISC SHEET METALS AND/OR TRIM
COLOR: LIGHT GREY

TR-B — MISC SHEET METALS AND/OR TRIM
COLOR: MEDIUM GREY

TR-C — MISC SHEET METALS AND/OR TRIM
COLOR: DARK GREY

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THE RIVANA @ RIVER DISTRICT

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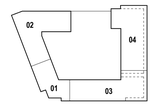
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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2026_01-30

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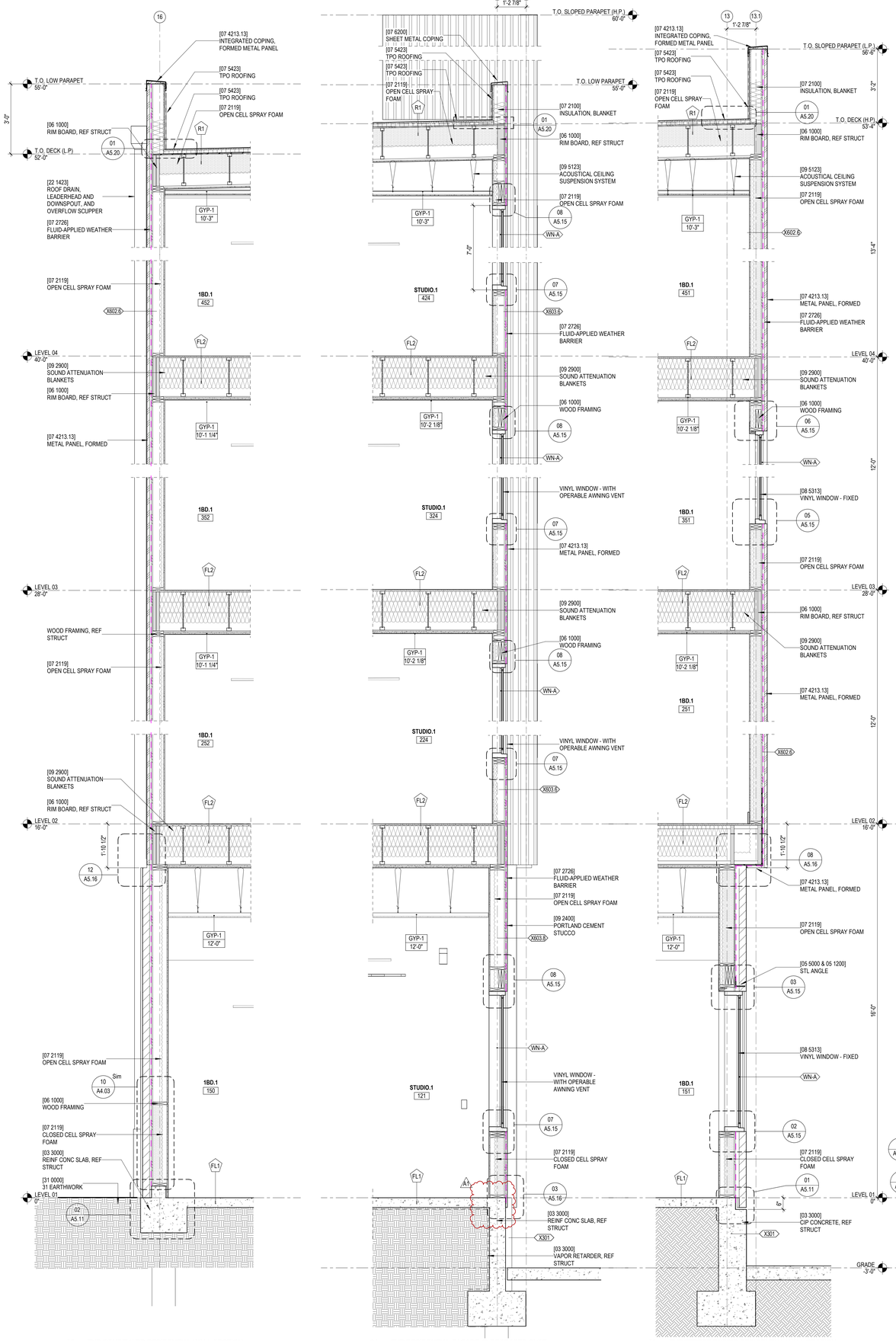
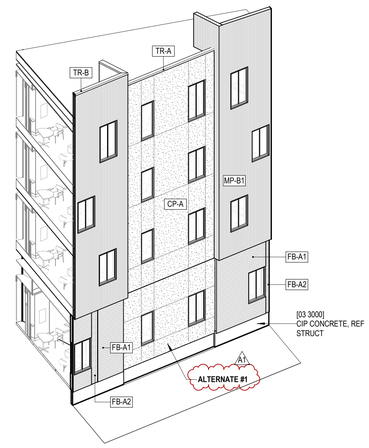
A1
A5.00



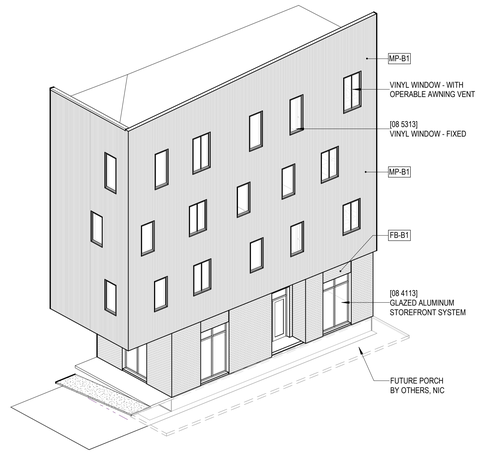
05 A5.01 TYP COURTYARD RESIDENTIAL WALL SECTION
SCALE: 1/2" = 1'-0"

04 A5.01 TYP RESIDENTIAL FACADE @ RECESSED SLOT
SCALE: 1/2" = 1'-0"

03 A5.01 TYP STREET FACING RESIDENTIAL WALL SECTION
SCALE: 1/2" = 1'-0"

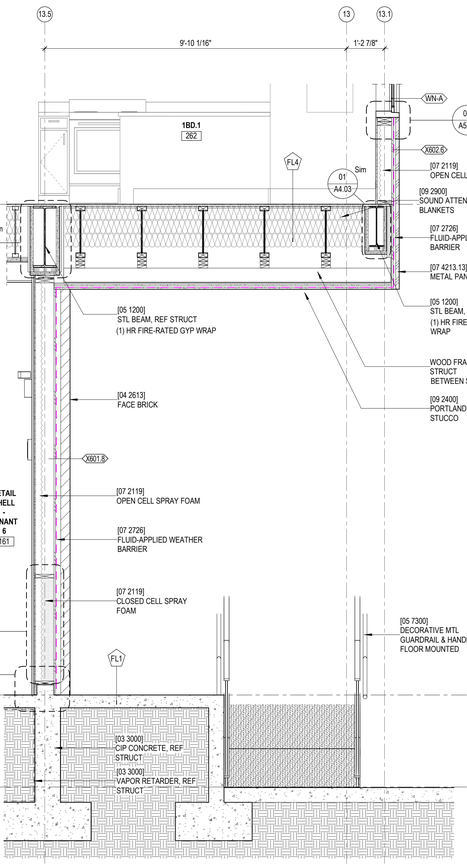


07 A5.01 RECESSED SLOT - EXTERIOR AXON
SCALE:

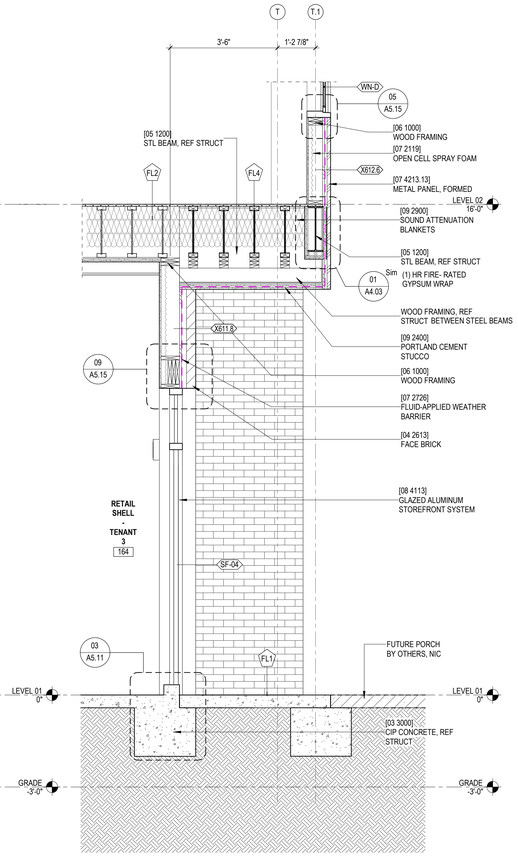


REFER TO BUILDING ELEVATIONS FOR EXTERIOR FACADE PATTERNING AND MATERIAL TYPES

06 A5.01 RETAIL PORCH - EXTERIOR AXON
SCALE:



02 A5.01 PARTIAL WALL SECTION @ RACE ST - RETAIL PORCH
SCALE: 1/2" = 1'-0"



01 A5.01 PARTIAL WALL SECTION @ PARK FACADE - RETAIL ENTRIES
SCALE: 1/2" = 1'-0"

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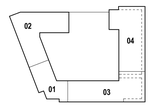
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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EXTERIOR WALL SECTIONS - TYPICAL FACADES

A5.01

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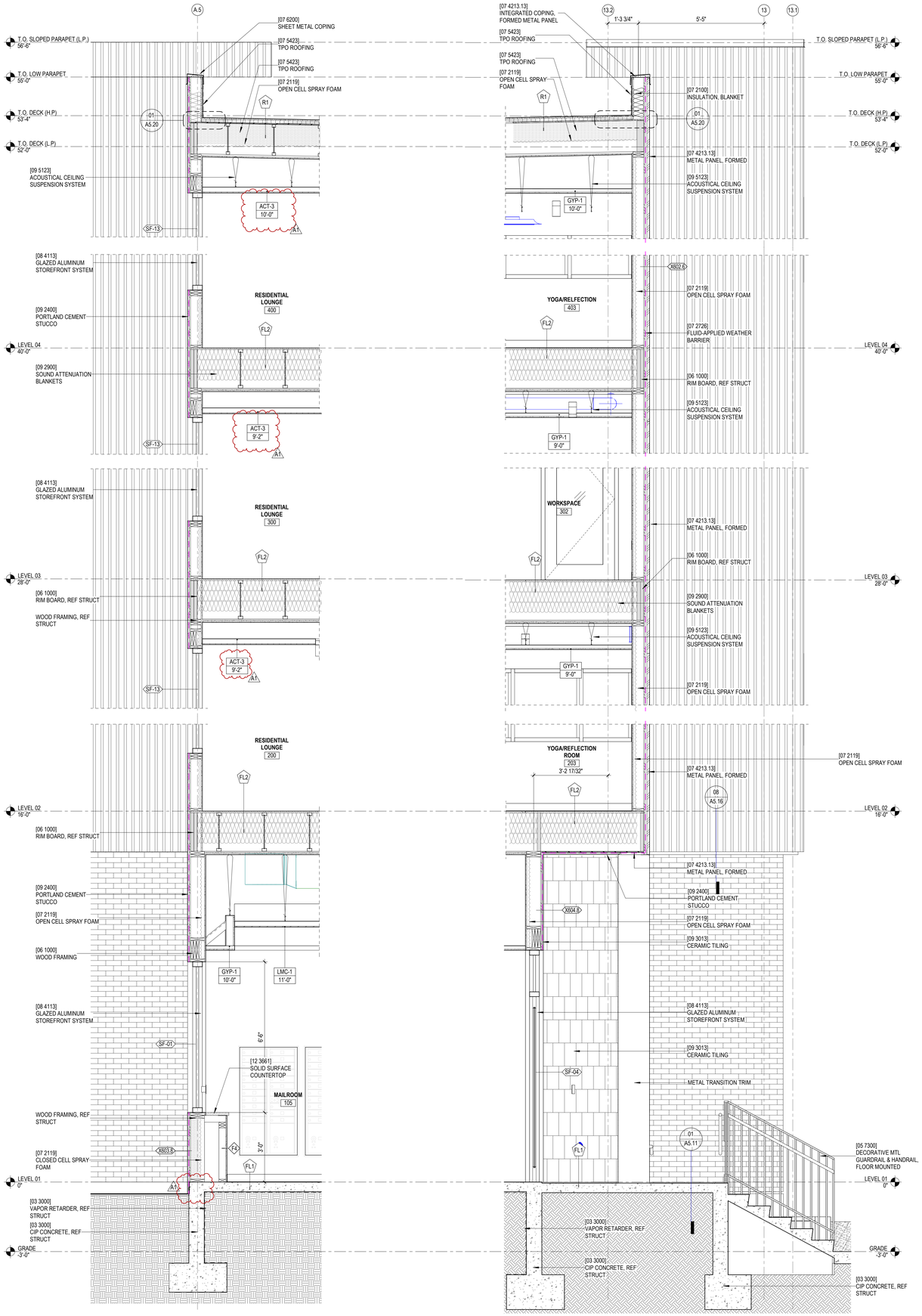
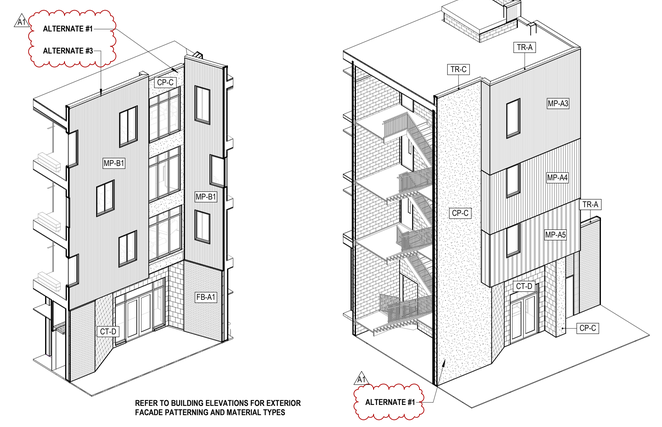


04 A5.02 MAIN ENTRY - TCHOUP ST.
SCALE: 1/2" = 1'-0"

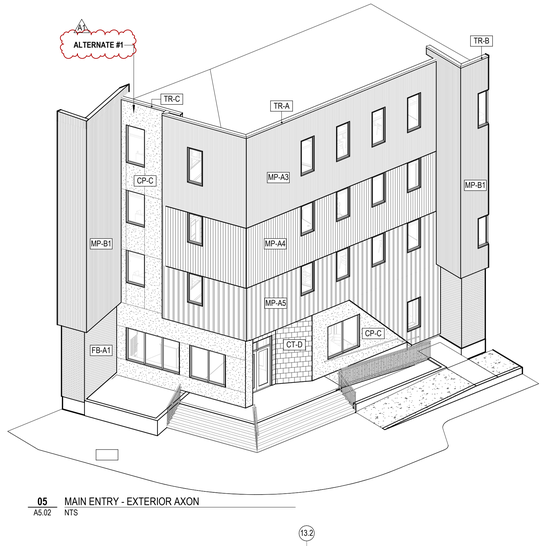
03 A5.02 MAIN ENTRY - RACE ST. INSET FACADE
SCALE: 1/2" = 1'-0"



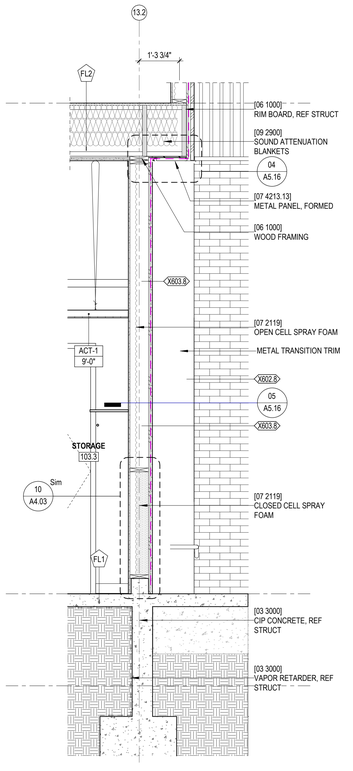
REFER TO BUILDING ELEVATIONS FOR EXTERIOR FACADE PATTERNING AND MATERIAL TYPES

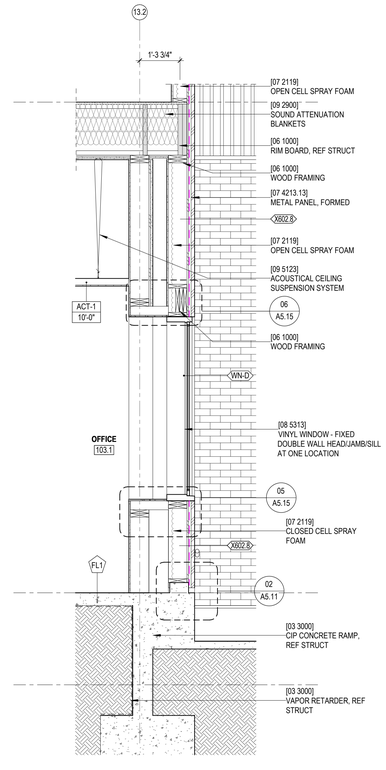
07 A5.02 COURTYARD ENTRY - EXTERIOR AXON
SCALE:

06 A5.02 EUTERPE LOBBY - EXTERIOR AXON
SCALE:



05 A5.02 MAIN ENTRY - EXTERIOR AXON
NTS





02 A5.02 MAIN ENTRY - RACE ST. FACADE JOG 1
SCALE: 1/2" = 1'-0"

01 A5.02 MAIN ENTRY - RACE ST. FACADE JOG 2
SCALE: 1/2" = 1'-0"

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INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

EXTERIOR WALL SECTIONS - RESIDENTIAL LOBBIES

A5.02

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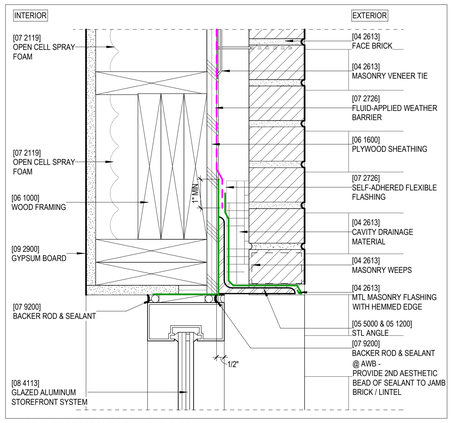
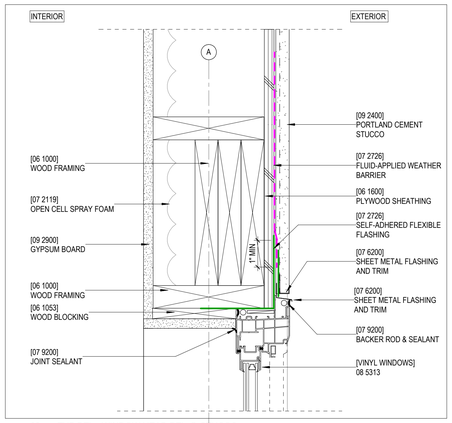
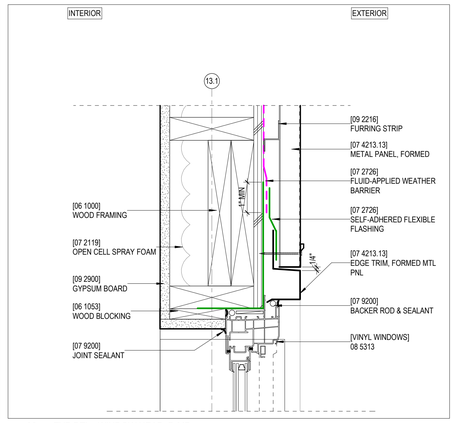


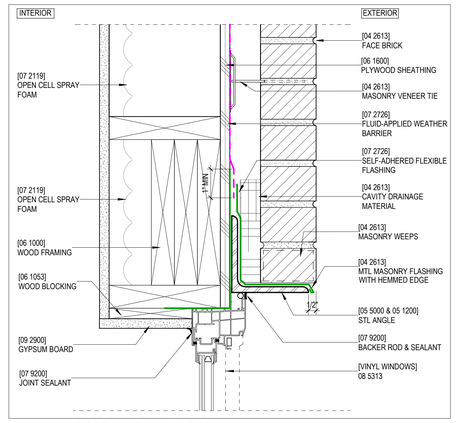
09 A5.15 STOREFRONT DTL - HEAD @ BRICK
SCALE: 3" = 1'-0"



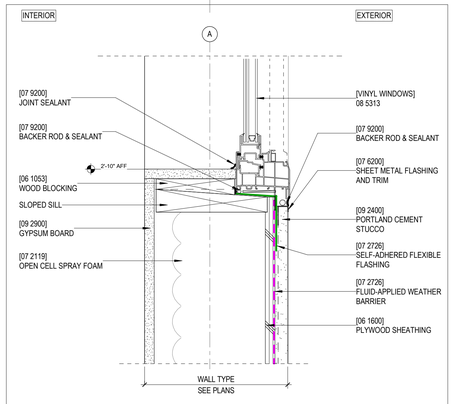
08 A5.15 TYP DTL - WINDOW HEAD DTL @ STUCCO
SCALE: 3" = 1'-0"



06 A5.15 TYP DTL - WINDOW HEAD @ MP
SCALE: 3" = 1'-0"



03 A5.15 TYP DTL - WINDOW HEAD @ BRICK
SCALE: 3" = 1'-0"



07 A5.15 TYP DTL - WINDOW SILL @ STUCCO
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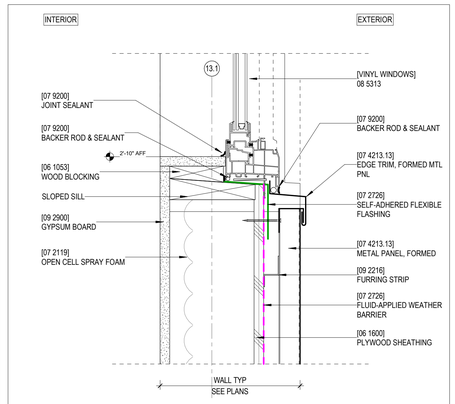
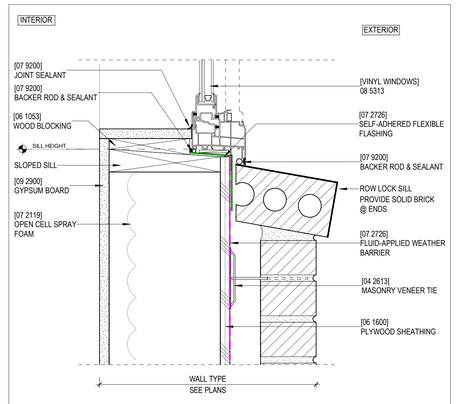


05 A5.15 TYP DTL - WINDOW SILL @ MP
SCALE: 3" = 1'-0"



02 A5.15 TYP. DTL - WINDOW SILL @ BRICK
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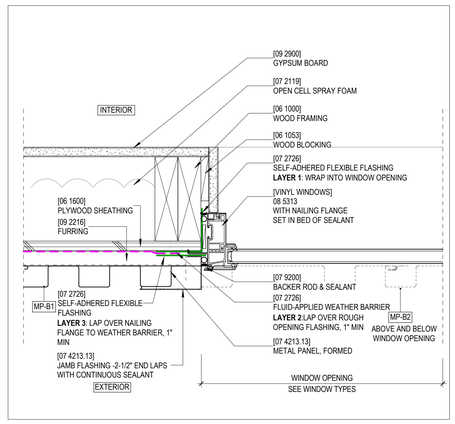

04 A5.15 TYP DTL - WINDOW JAMB @ MP
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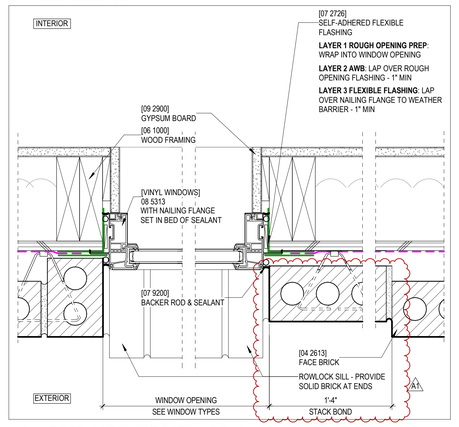

01 A5.15 TYP DTL - WINDOW JAMB @ BRICK (LEVEL 01)
SCALE: 3" = 1'-0"

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THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
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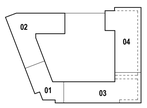
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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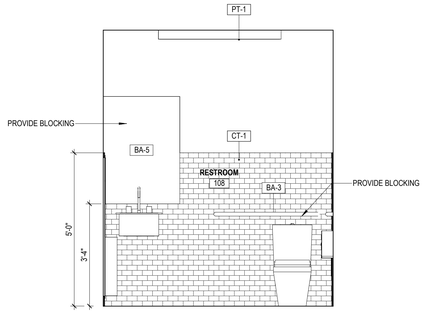
PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

EXTERIOR DETAILS - TYPICAL OPENINGS

A5.15



4 A6.01 INT ELEV - RESTROOM 108 01
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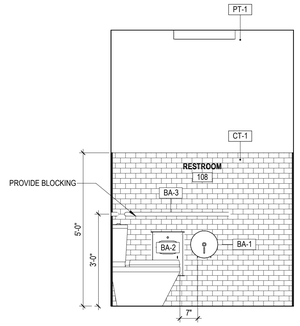

5 A6.01 NT ELEV - RESTROOM 108 02
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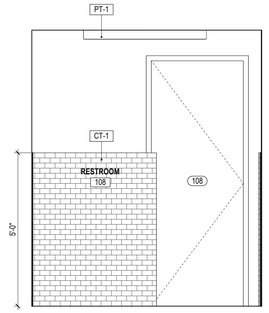

6 A6.01 NT ELEV - RESTROOM 108 03
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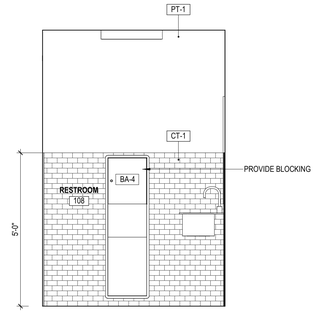

7 A6.01 NT ELEV - RESTROOM 108 04
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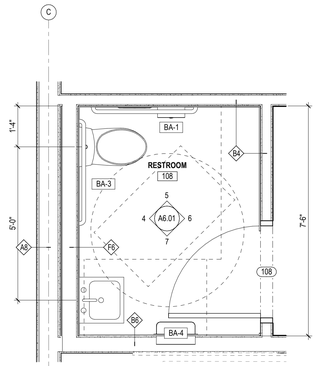
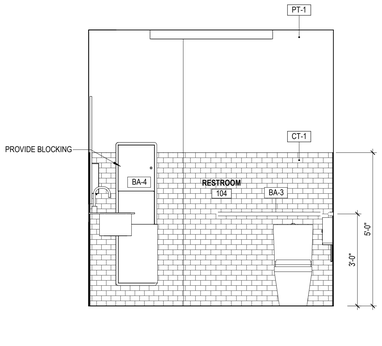


3 A6.01 ENL PLAN - RESTROOM 108
SCALE: 1/2" = 1'-0"



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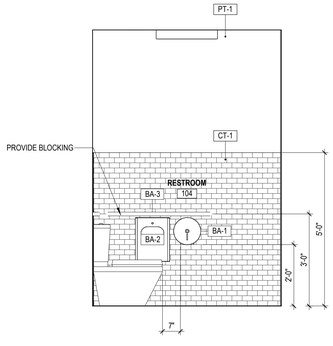

9 A6.01 INT ELEV - RESTROOM 104 02
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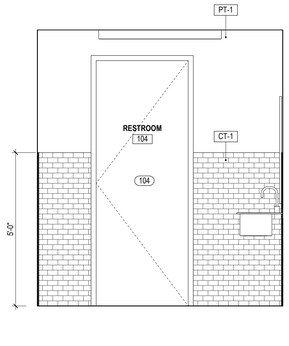

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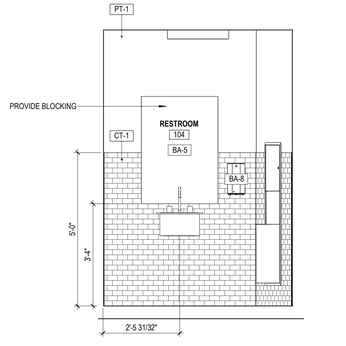

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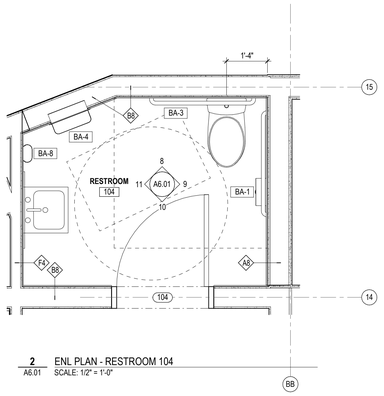

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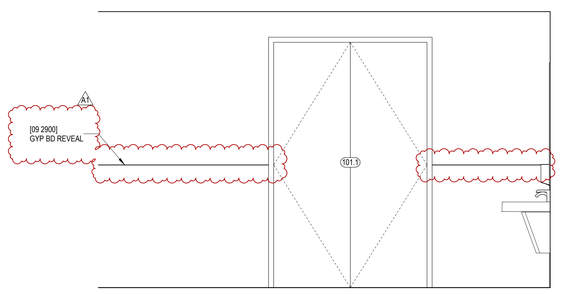
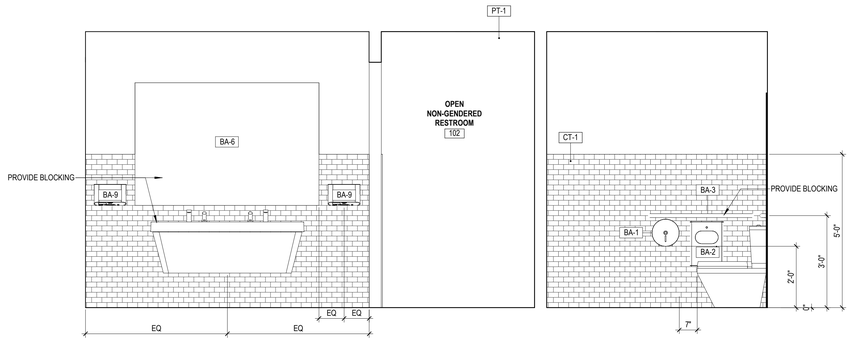
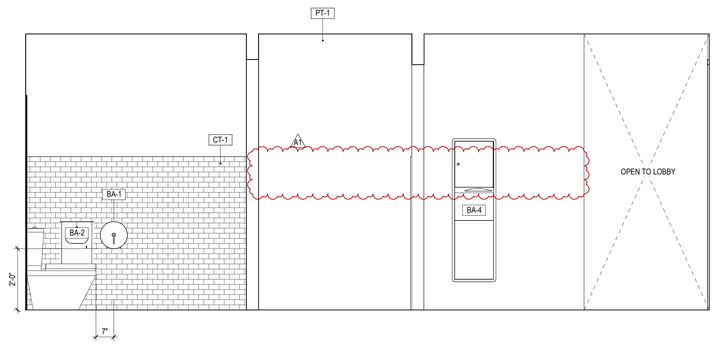


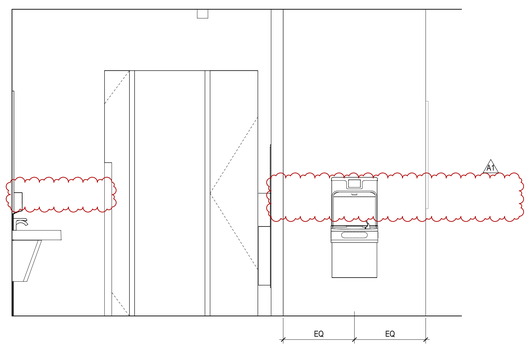
13 A6.01 ENLG PLAN - NON-GENDERED RESTROOM 01
SCALE: 1/2" = 1'-0"



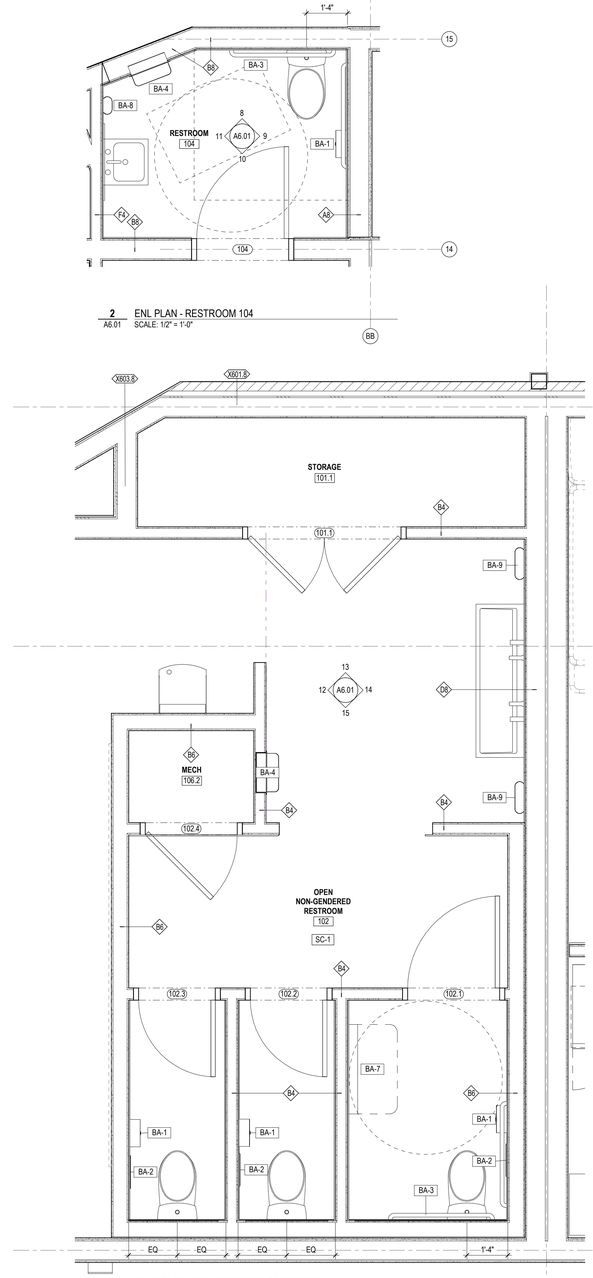
14 A6.01 ENLG PLAN - NON-GENDERED RESTROOM 02
SCALE: 1/2" = 1'-0"



12 A6.01 ENLG PLAN - NON-GENDERED RESTROOM 03
SCALE: 1/2" = 1'-0"



15 A6.01 ENLG PLAN - NON-GENDERED RESTROOM 04
SCALE: 1/2" = 1'-0"



01 A6.01 ENLG PLAN - NON-GENDERED RESTROOMS
SCALE: 1/2" = 1'-0"

TRAPOLIN**PEER**
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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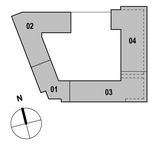
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS & ELEVATIONS - RESTROOMS

A6.01

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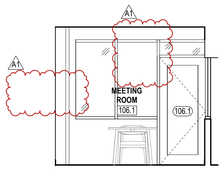
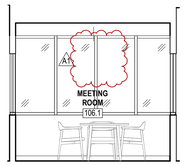
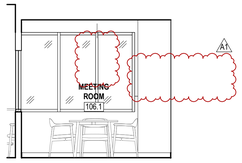


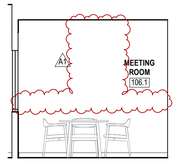
08 INT. ELEV. - MEETING ROOM 03
A6.04 SCALE: 1/4" = 1'-0"



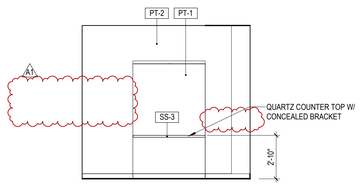
09 INT. ELEV. - MEETING ROOM 04
A6.04 SCALE: 1/4" = 1'-0"



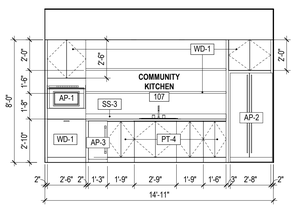
06 INT. ELEV. - MEETING ROOM 01
A6.04 SCALE: 1/4" = 1'-0"



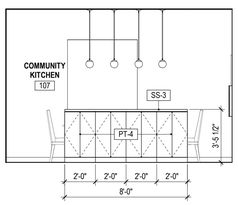
07 INT. ELEV. - MEETING ROOM 02
A6.04 SCALE: 1/4" = 1'-0"



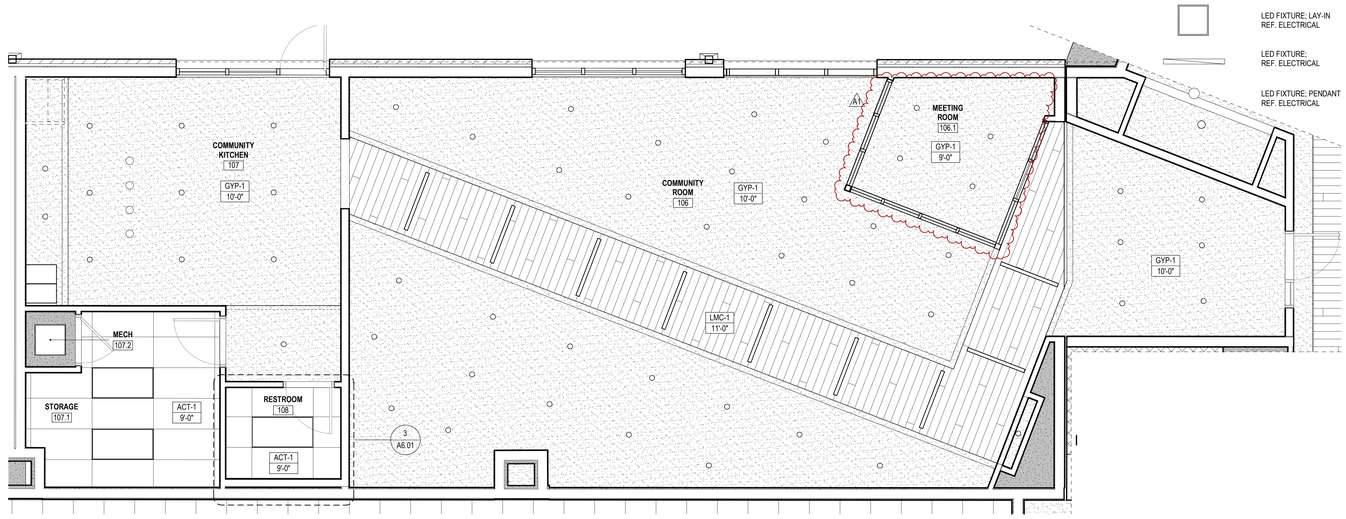
05 INT ELEV - COMMUNITY ROOM CHARGING STATION
A6.04 SCALE: 1/4" = 1'-0"



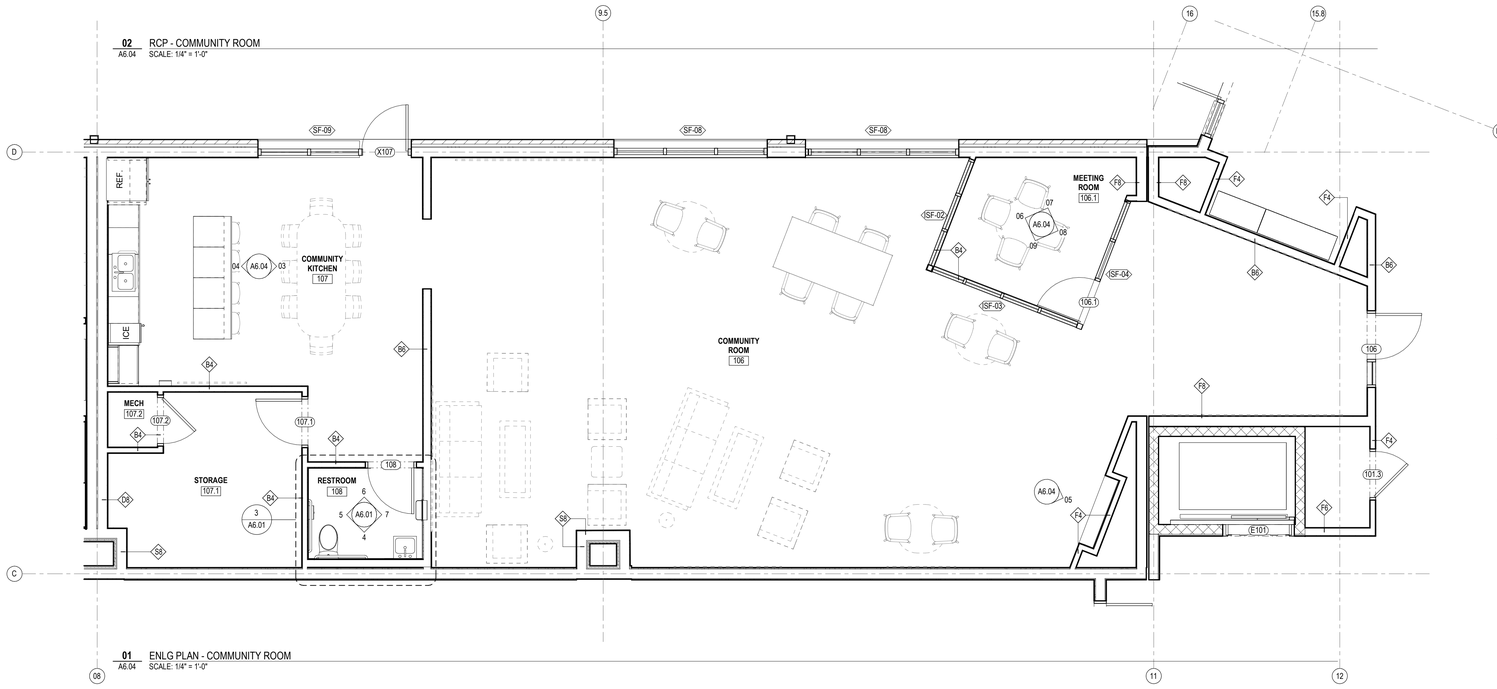
04 INT. ELEV. - COMMUNITY KITCHEN 01
A6.04 SCALE: 1/4" = 1'-0"



03 INT. ELE. - COMMUNITY KITCHEN 02
A6.04 SCALE: 1/4" = 1'-0"



02 RCP - COMMUNITY ROOM
A6.04 SCALE: 1/4" = 1'-0"



01 ENLG PLAN - COMMUNITY ROOM
A6.04 SCALE: 1/4" = 1'-0"

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
- LED FIXTURE; REF. ELECTRICAL
- LED FIXTURE; PENDANT REF. ELECTRICAL

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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GMP	GMP	2025_10-30
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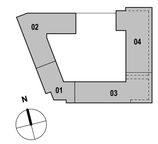

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS & ELEVATIONS - COMMUNITY ROOM

A6.04

1/30/2026 2:01:29 PM
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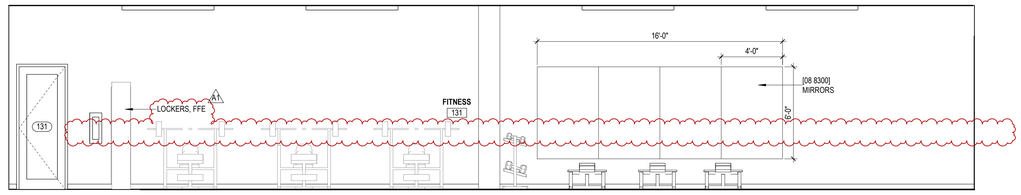
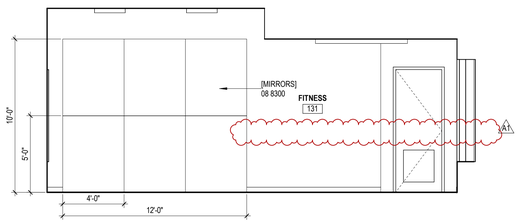
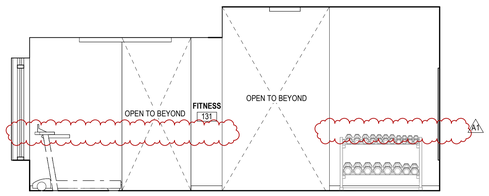


06 A6.05 INT. ELEV. - FITNESS 04
SCALE: 1/4" = 1'-0"

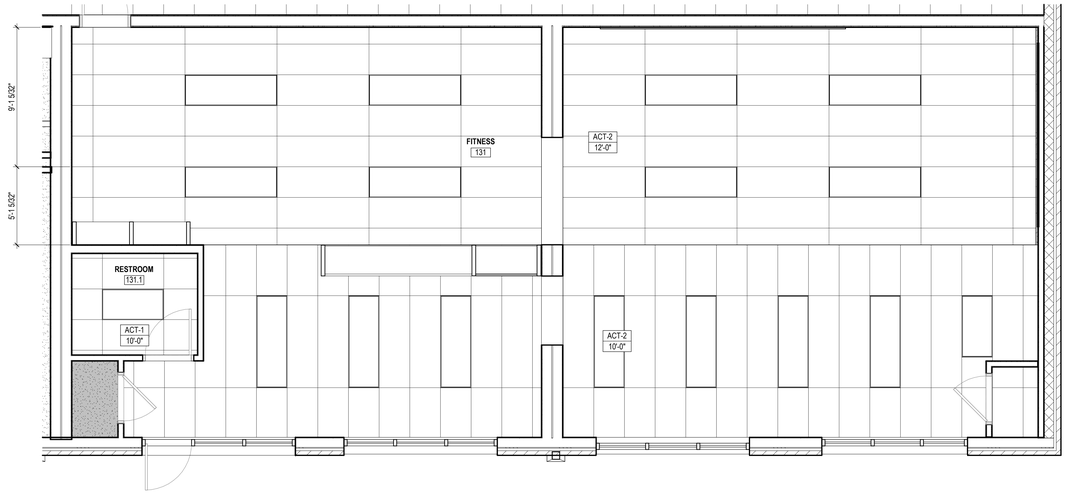
04 A6.05 INT. ELEV. - FITNESS 02
SCALE: 1/4" = 1'-0"



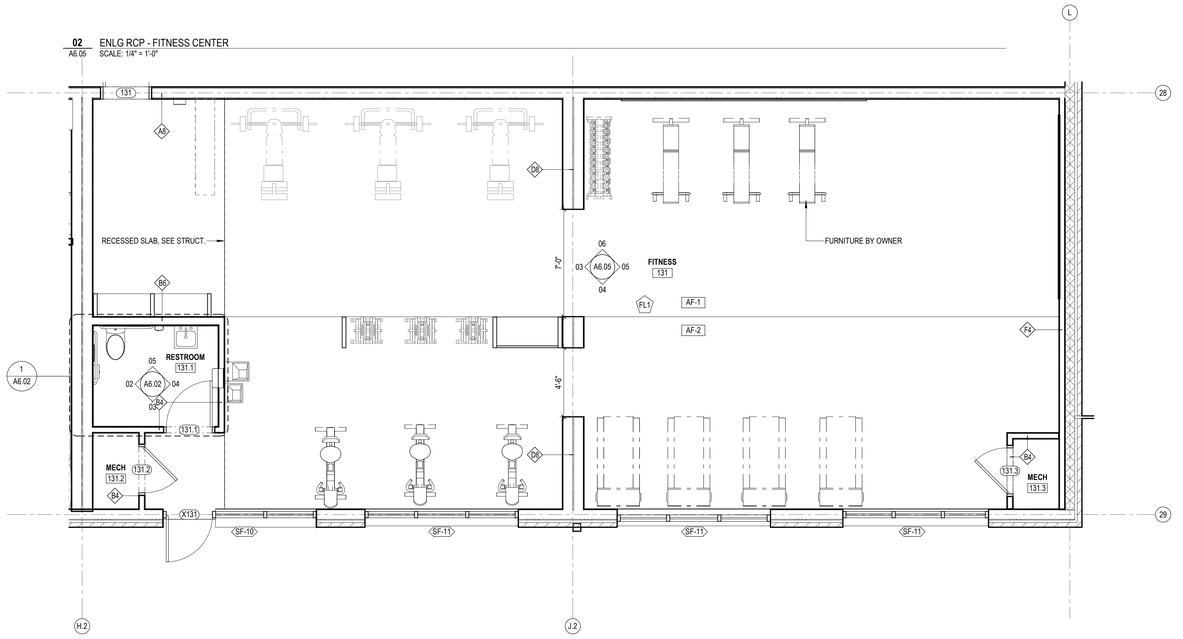
05 A6.05 INT. ELEV. - FITNESS 03
SCALE: 1/4" = 1'-0"



03 A6.05 INT. ELEV. - FITNESS 01
SCALE: 1/4" = 1'-0"



02 A6.05 ENLG RCP - FITNESS CENTER
SCALE: 1/4" = 1'-0"



01 A6.05 ENLG PLAN - FITNESS CENTER
SCALE: 1/4" = 1'-0"

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-2 (24"x72") — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
- CP-A — **[09 2400]** - CEMENT PLASTER **COLOR:** LIGHT GREY
- CP-D — **[09 2400]** - CEMENT PLASTER **COLOR:** ACCENT COLOR
- FURR DOWN WALL ABOVE
- EXIT LIGHT, LED FIXTURE; CEILING OR PENDANT MOUNTED
- LED FIXTURE; SURFACE CEILING DOWNLIGHT REF. ELECTRICAL
- LED FIXTURE; LAY-IN REF. ELECTRICAL
- LED FIXTURE; REF. ELECTRICAL
- LED FIXTURE; PENDANT REF. ELECTRICAL

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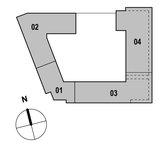
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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2025_10-30

ENLG PLANS & ELEVATIONS - FITNESS CENTER

A6.05

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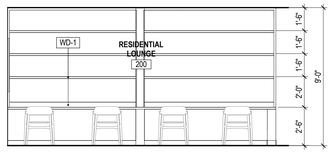
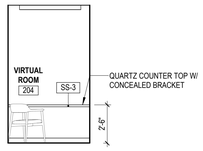
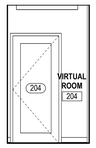


09 INT. ELEV. - WORKSPACE
A6.06 SCALE: 1/4" = 1'-0"



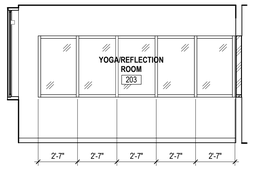
03 INT. ELEV. - VIRTUAL POD TYPICAL 01
A6.06 SCALE: 1/4" = 1'-0"

04 INT. ELEV. - VIRTUAL POD TYPICAL 02
A6.06 SCALE: 1/4" = 1'-0"



05 INT. ELEV. - VIRTUAL POD TYPICAL 03
A6.06 SCALE: 1/4" = 1'-0"

06 INT. ELEV. - VIRTUAL POD TYPICAL 04
A6.06 SCALE: 1/4" = 1'-0"



07 INT. ELEV. - YOGA/REFLECTION ROOM 01
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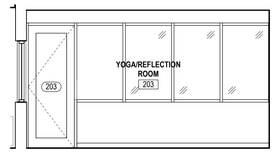
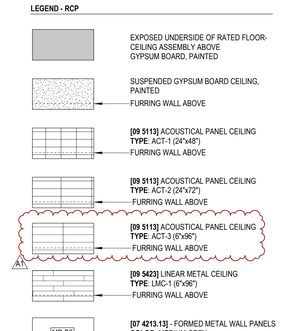
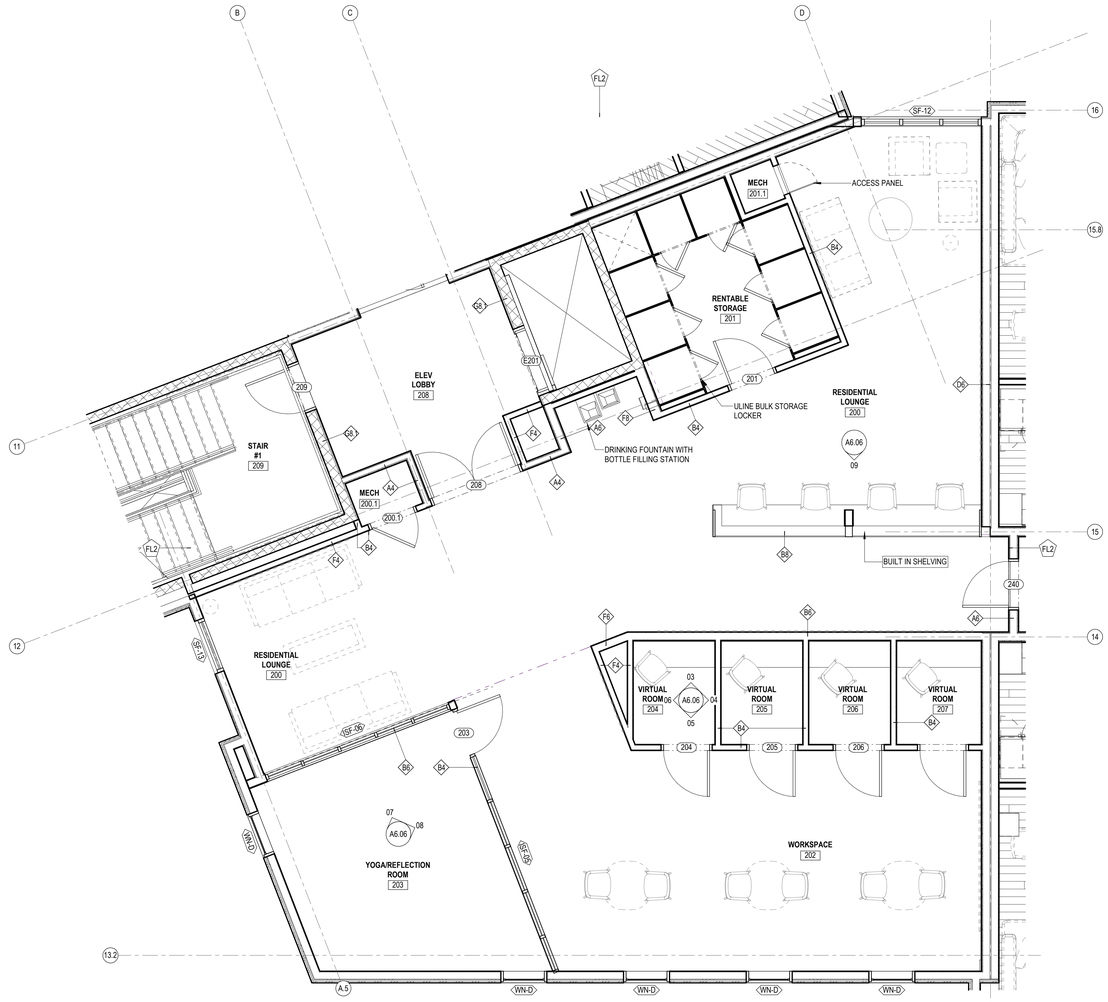


08 INT. ELEV. - YOGA/REFLECTION ROOM 02
A6.06 SCALE: 1/4" = 1'-0"



02 ENL. RCP - LEVEL 02 AMENITY SPACE
A6.06 SCALE: 1/4" = 1'-0"



01 ENL. PLAN - LEVEL 02 AMENITY SPACE
A6.06 SCALE: 1/4" = 1'-0"

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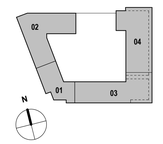
A1	ADD.01	2026_01-30



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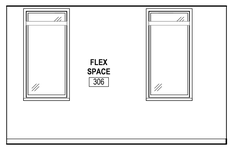
ENLG PLANS & ELEVATIONS - AMENITY LEVEL 02

A6.06

04 INT. ELEV. - FLEX SPACE 01
A6.07 SCALE: 1/4" = 1'-0"

05 INT. ELEV. - FLEX SPACE 02
A6.07 SCALE: 1/4" = 1'-0"



06 INT. ELEV. - FLEX SPACE 03
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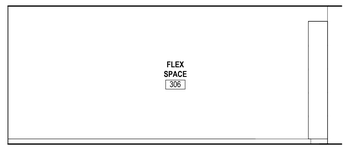
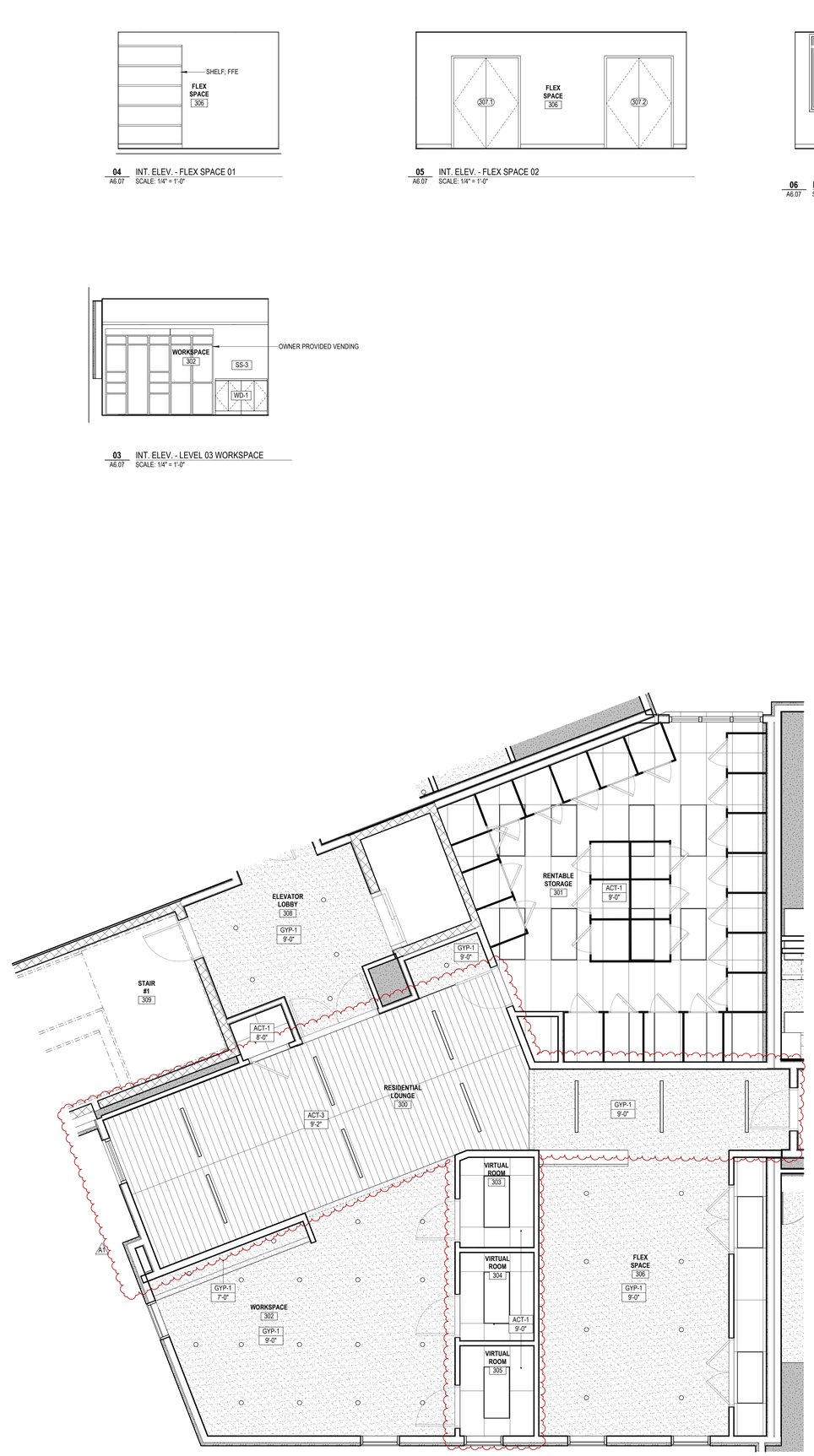
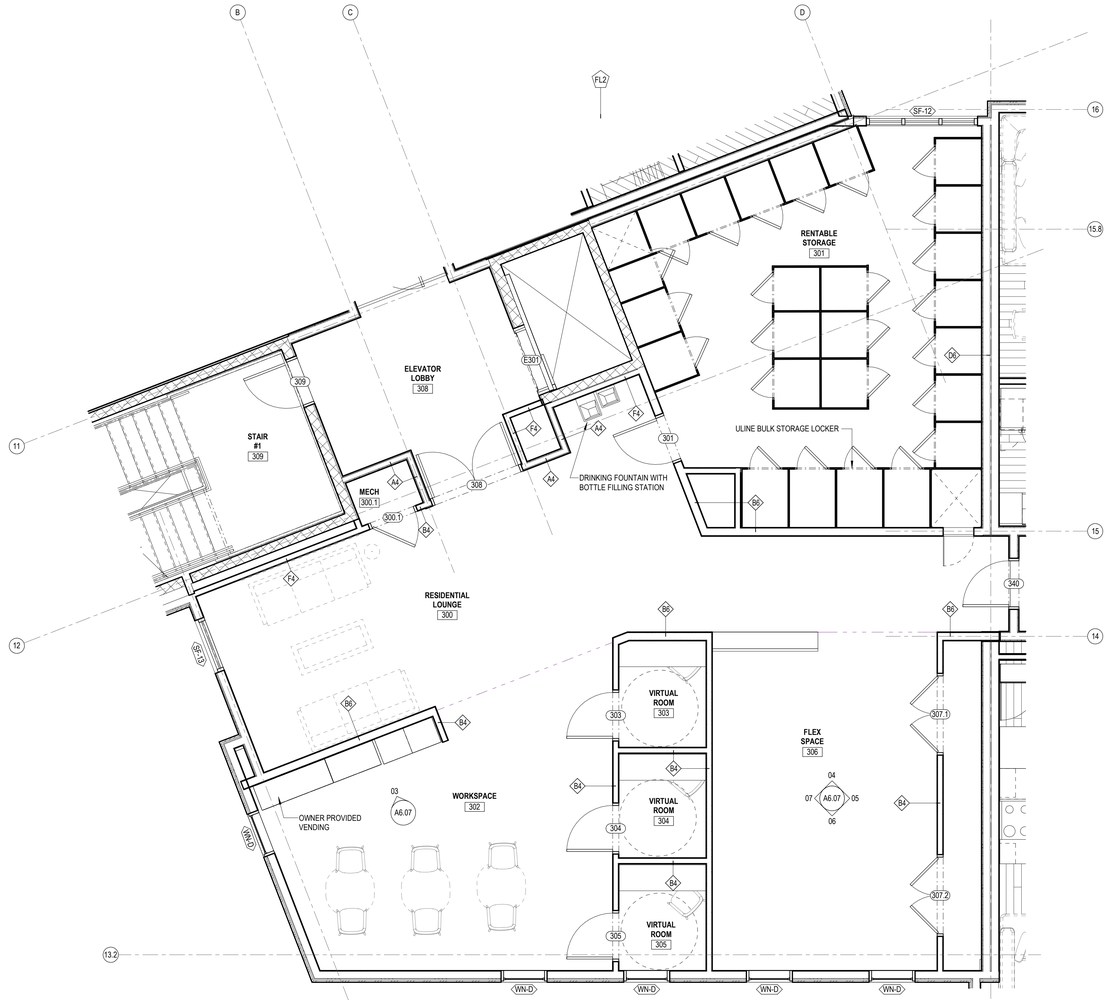


07 INT. ELEV. - FLEX SPACE 04
A6.07 SCALE: 1/4" = 1'-0"

03 INT. ELEV. - LEVEL 03 WORKSPACE
A6.07 SCALE: 1/4" = 1'-0"



7 ENL. RCP - LEVEL 03 AMENITY SPACE
A6.07 SCALE: 1/4" = 1'-0"



01 ENL. PLAN - LEVEL 03 AMENITY SPACE
A6.07 SCALE: 1/4" = 1'-0"

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
- SUSPENDED GYPSUM BOARD CEILING, PAINTED — FURRING WALL ABOVE
- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
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- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-3 (6"x96") — FURRING WALL ABOVE (A1)
- **[09 5423]** LINEAR METAL CEILING **TYPE**: LMC-1 (6"x96") — FURRING WALL ABOVE
- MP-B6 — **[07 4213.13]** - FORMED METAL WALL PANELS **COLOR:** MEDIUM GREY **PROFILE:** TYPE 6, FLAT SOFFIT
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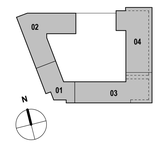

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ISSUE DATE
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ENLG PLANS & ELEVATIONS - AMENITY LEVEL 03

A6.07

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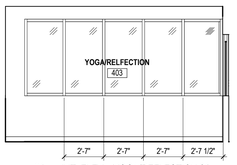
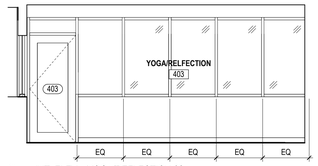


04 A6.08 INT. ELEV. - YOGA/REFLECTION 01
SCALE: 1/4" = 1'-0"



05 A6.08 INT. ELEV. - YOGA/REFLECTION 02
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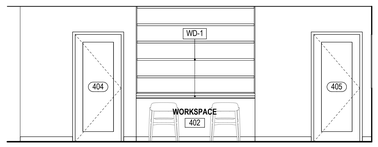
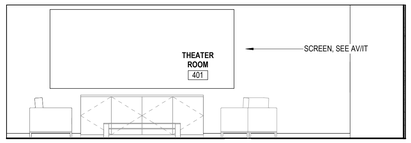
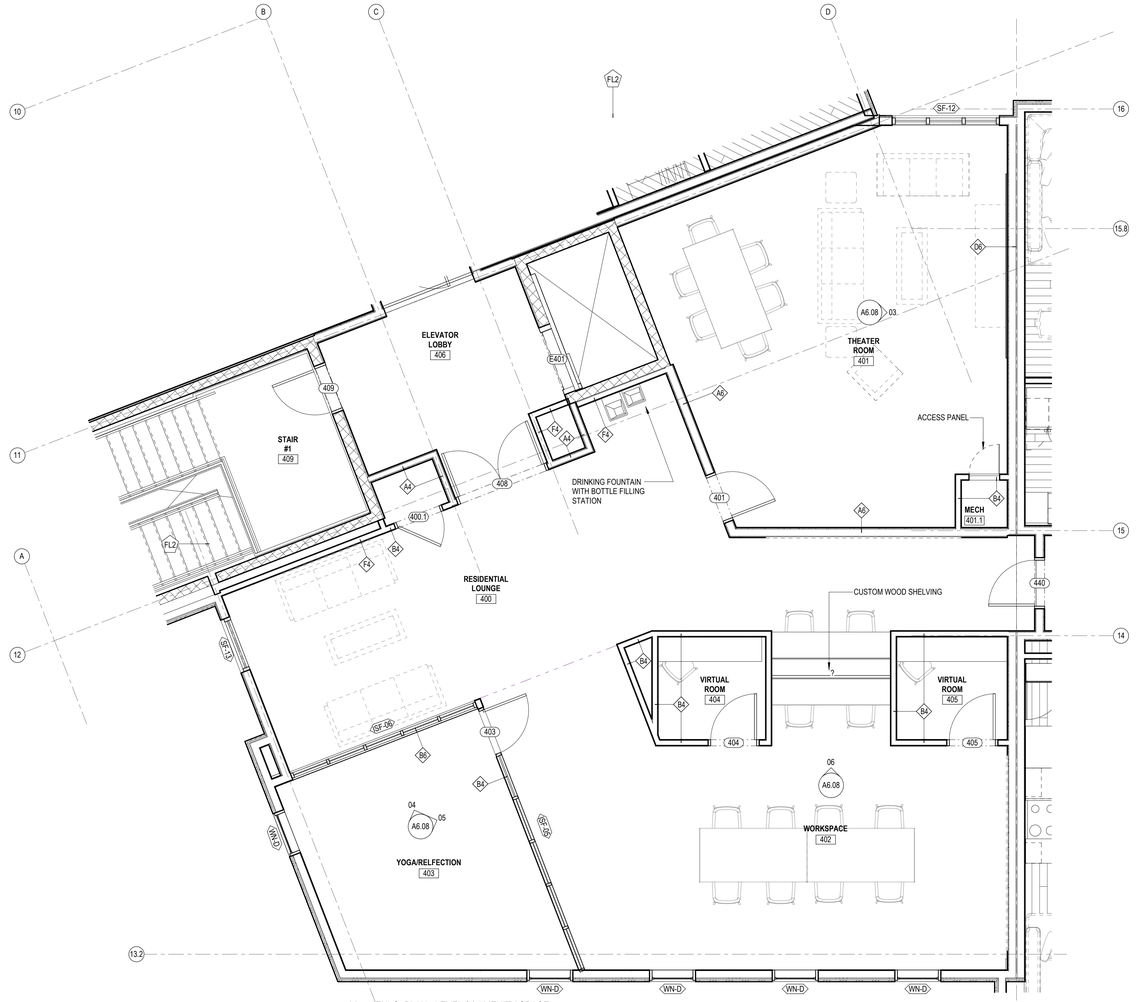


06 A6.08 INT. ELEV. - LEVEL 04 WORKSPACE
SCALE: 1/4" = 1'-0"



03 A6.08 INT. ELEV. - THEATER ROOM
SCALE: 1/4" = 1'-0"

02 A6.08 ENLG RCP - LEVLE 04 AMENITY SPACE
SCALE: 1/4" = 1'-0"



01 A6.08 ENLG. PLAN - LEVEL 04 AMENITY SPACE
SCALE: 1/4" = 1'-0"

LEGEND - RCP

- EXPOSED UNDERSIDE OF RATED FLOOR-CEILING ASSEMBLY ABOVE GYPSUM BOARD, PAINTED
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- **[09 5113]** ACOUSTICAL PANEL CEILING **TYPE**: ACT-1 (24"x48") — FURRING WALL ABOVE
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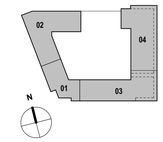
A1	ADD.01	2026_01-30



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ENLG PLANS & ELEVATIONS - AMENITY LEVEL 04

A6.08

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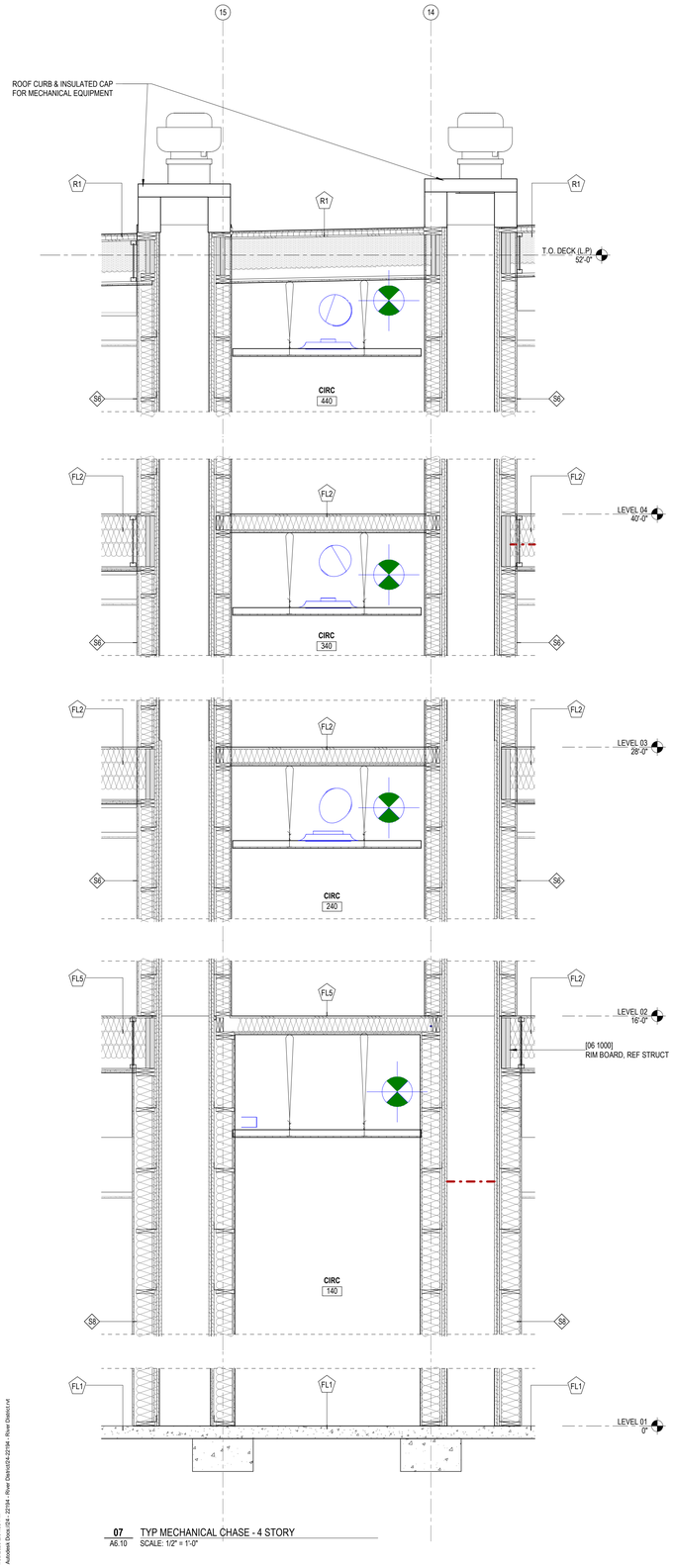

07 A6.10 TYP MECHANICAL CHASE - 4 STORY
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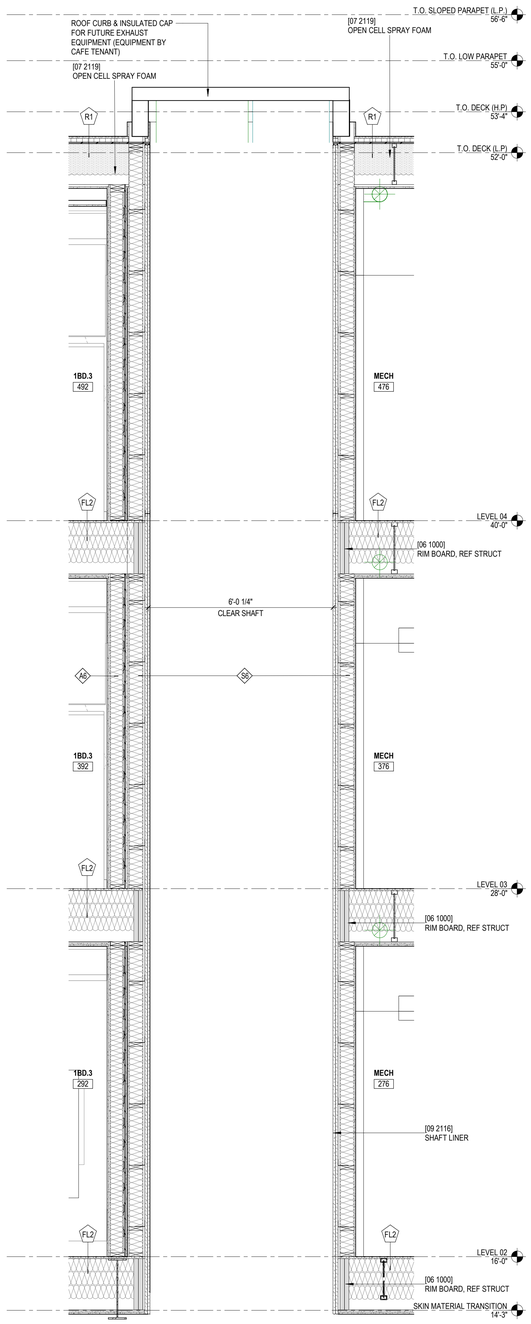

06 A6.10 RETAIL EXHAUST SHAFT
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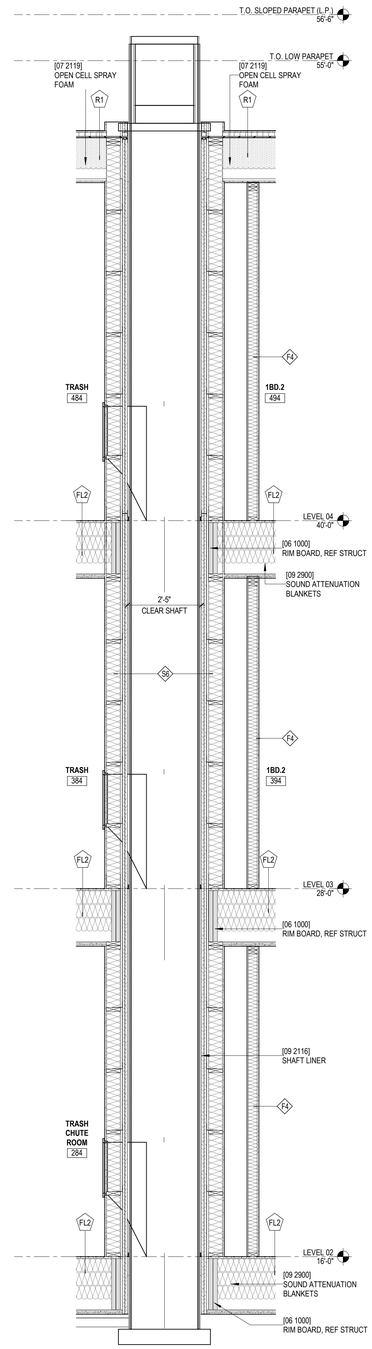

05 A6.10 TRASH CHUTE - SHAFT SECTION
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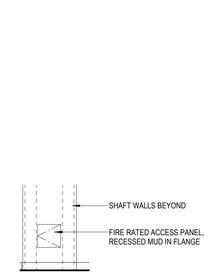

04 A6.10 ELEVATION - ACCESS PANEL
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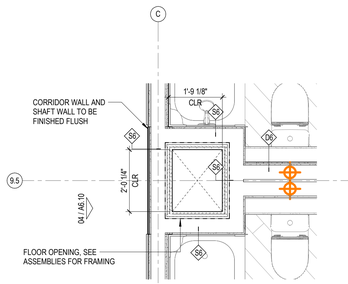

03 A6.10 ENLARGED PLAN - UNIT MEP CHASE, TYP
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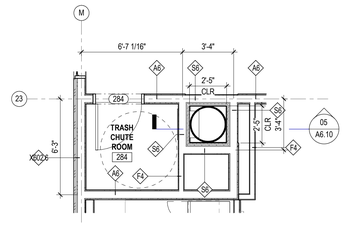
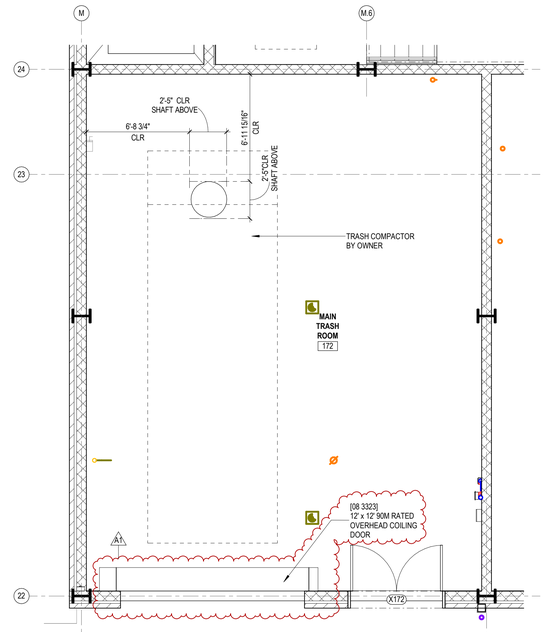


02 A6.10 ENLARGED PLAN - UPPER LEVEL TRASH CHUTE ROOM
SCALE: 1/4" = 1'-0"



01 A6.10 ENLARGED PLAN - TRASH ROOM
SCALE: 1/4" = 1'-0"

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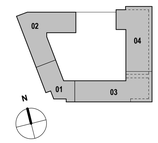
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS AND SECTIONS - SHAFTS

A6.10

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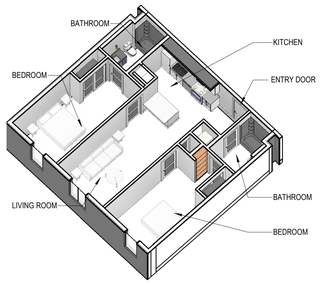
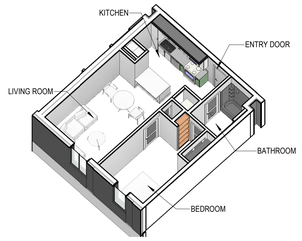


6 AXON - 2BD.1
A6.51 SCALE:



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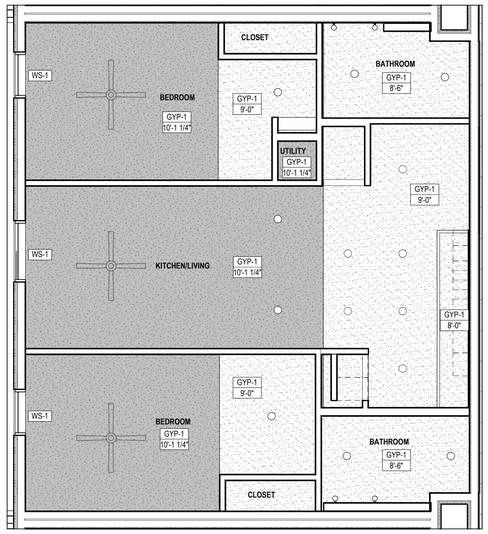
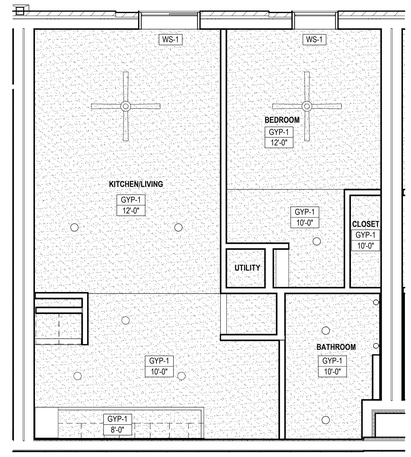
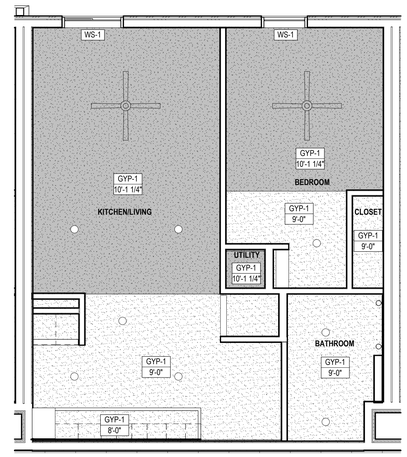


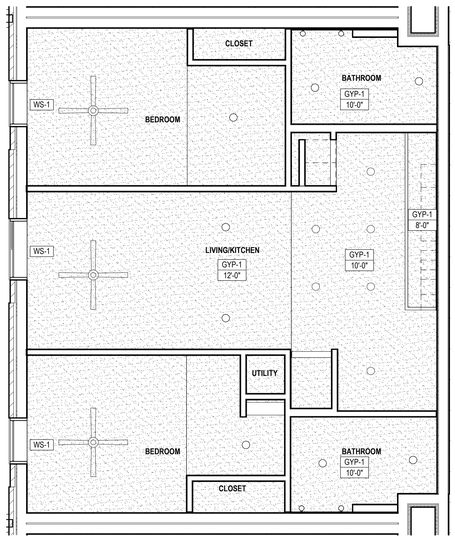
04 ENLARGED RCP - 2BD.1
A6.51 SCALE: 1/4" = 1'-0"



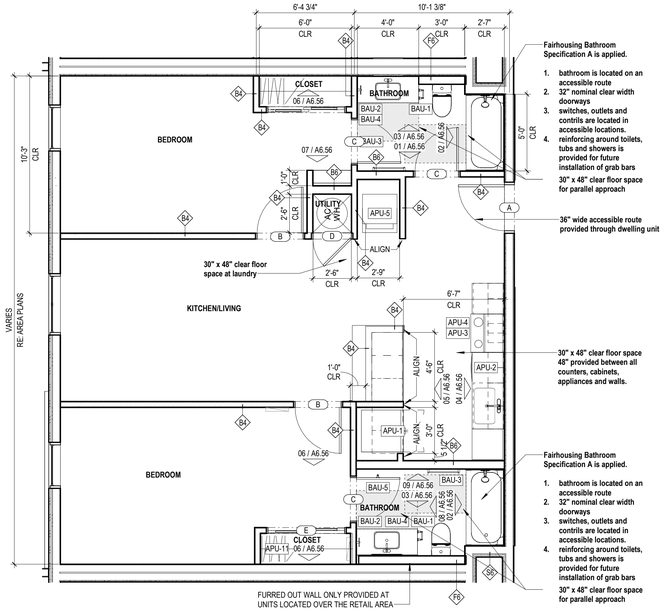
7 ENLARGED RCP - 1BD.1 - LVL 1
A6.51 SCALE: 1/4" = 1'-0"



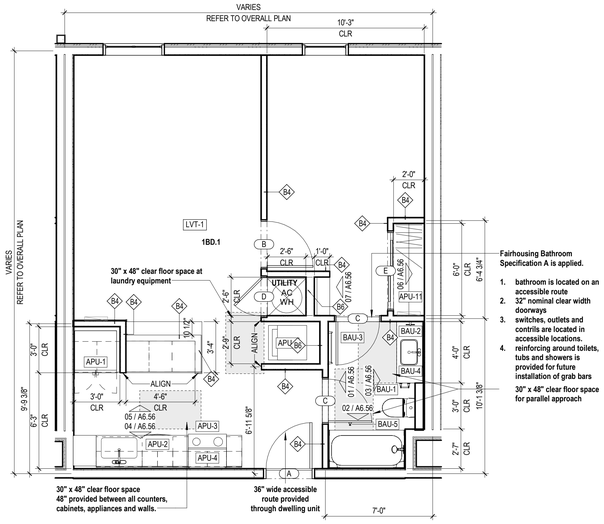
02 ENLARGED RCP - 1BD.1
A6.51 SCALE: 1/4" = 1'-0"



8 ENLARGED RCP - 2BD.1 - LVL1
A6.51 SCALE: 1/4" = 1'-0"



03 ENLARGED PLAN - 2BD.1
A6.51 SCALE: 1/4" = 1'-0"



01 ENLARGED PLAN - 1BD.1
A6.51 SCALE: 1/4" = 1'-0"

GENERAL NOTES - ENLARGED RESIDENTIAL PLANS & ELEVATIONS

1. ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWING.
2. CERTAIN ELEMENTS MAY NOT BE SHOWN IN INTERIOR ELEVATIONS. REFER TO COMPLETE DOCUMENT SET FOR INFORMATION ON FINISHES, MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS, ETC.
3. ELECTRICAL OUTLETS AND EQUIP., LIGHTING, ETC. ARE ILLUSTRATED FOR REFERENCE. REFER TO ELECTRICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED. REFER TO ELECTRICAL SHEETS FOR LIGHTING SELECTIONS.
4. MECHANICAL DIFFUSERS AND EQUIPMENT ARE ILLUSTRATED FOR REFERENCE. REFER TO MECHANICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED.
5. REFER TO FINISH SCHEDULE FOR INFORMATION NOT ILLUSTRATED ON INTERIOR ELEVATIONS.
6. ALL NOTES AND DIMENSIONS ILLUSTRATED FOR ONE ELEMENT IN A SERIES SHALL APPLY TO ALL ELEMENTS IN THE SERIES UNLESS NOTED OTHERWISE.
7. PROVIDE BLOCKING AT ALL BUILT-IN CABINTRY AND CASEWORK AS NEEDED.
8. ABOVE CEILING ITEMS ARE FOR REFERENCE ONLY.
9. REFERENCE G0.05 FOR MOUNTING HEIGHT REQUIREMENTS.
10. PROVIDE GRAB BARS AT ALL ADA UNITS: SHOWERS + TOILETS.
11. PROVIDE BLOCKING FOR FUTURE GRAB BARS AT ALL NON-ADA UNITS: AT SHOWERS + TOILETS.
12. LOCATE ROUGH OPENINGS FOR DOORS 4" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION UNLESS OTHERWISE NOTED.
13. FURNITURE SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY.
14. ALL FINISHED CEILINGS IN THE RESIDENTIAL UNITS ARE TO BE THE RATED GYPSUM CEILING OF THE FLOOR/CEILING ASSEMBLY UNLESS OTHERISE NOTED.
15. PROVIDE MANUAL ROLLER SHADES (WS-1, RE: INTERIOR FINISH LEGEND) AT ALL WINDOWS LOCATED WITHIN UNTIS.
16. FURNITURE SHOWN FOR REFERENCE ONLY. NOT PART OF CONTRACT.

LEGEND - UNIT FINISHES

[09 2900] SUSPENDED GYPSUM BOARD CEILING ON GRID, PAINTED

[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL
1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

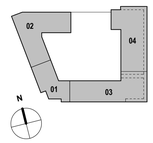
TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS - RESIDENTIAL UNITS

A6.51

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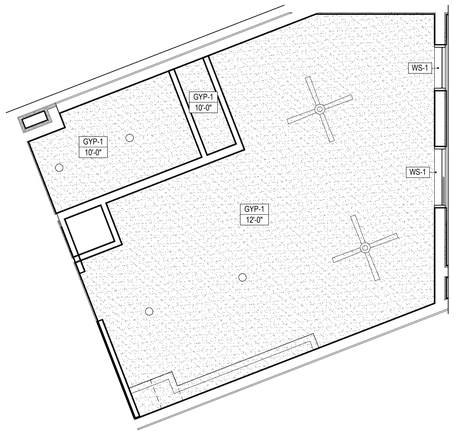
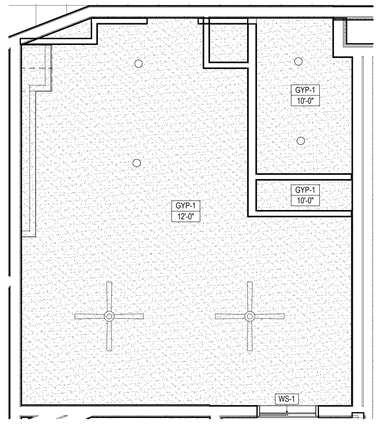


8 A6.52 ENLARGED RCP - STUDIO.3 - LVL 1
SCALE: 1/4" = 1'-0"



7 A6.52 ENLARGED RCP - STUDIO.2 - LVL 1
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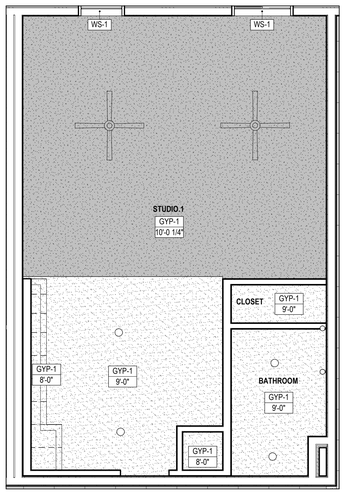

06 A6.52 ENLARGED RCP - STUDIO.1
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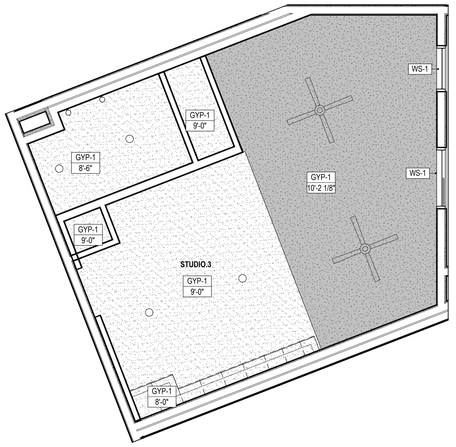

04 A6.52 ENLARGED RCP - STUDIO.3
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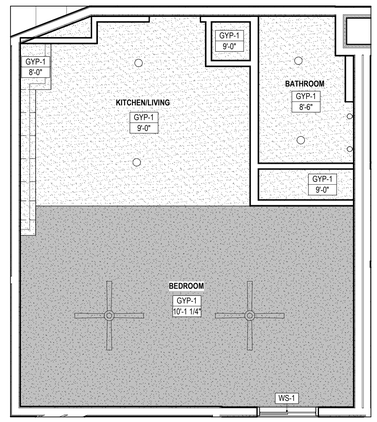

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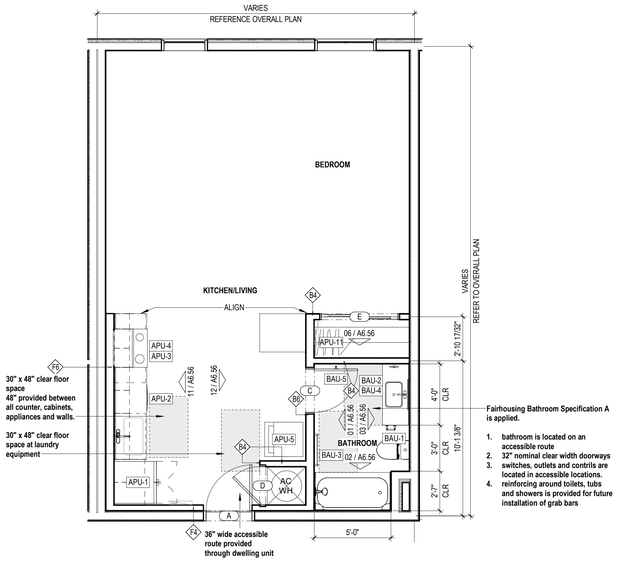

05 A6.52 ENLARGED PLAN - STUDIO.1
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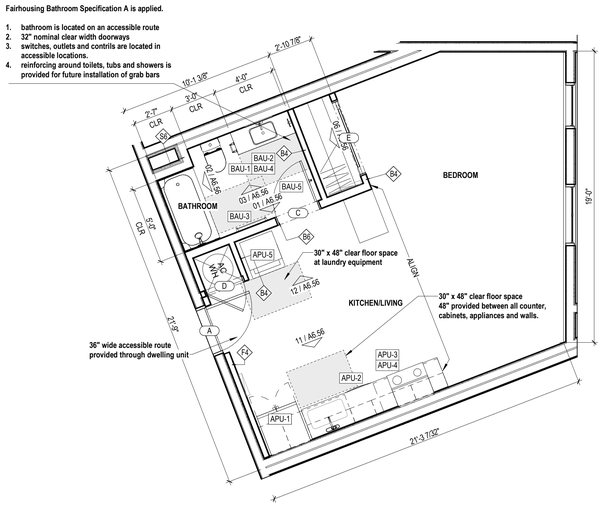

03 A6.52 ENLARGED PLAN - STUDIO.3
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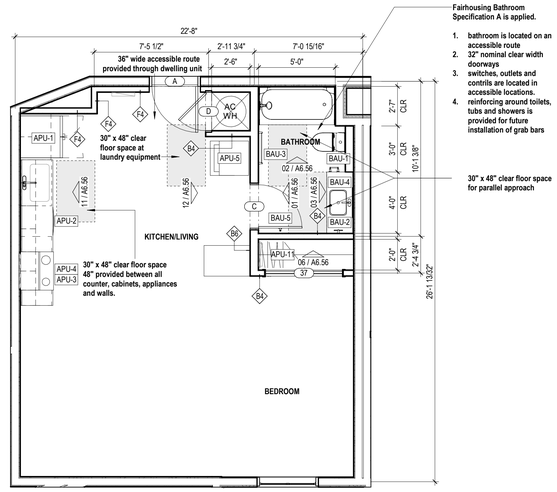

01 A6.52 ENLARGED PLAN - STUDIO.2
SCALE: 1/4" = 1'-0"

GENERAL NOTES - ENLARGED RESIDENTIAL PLANS & ELEVATIONS

1. ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWING.
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16. FURNITURE SHOWN FOR REFERENCE ONLY. NOT PART OF CONTRACT.

LEGEND - UNIT FINISHES

[09 2900] SUSPENDED GYPSUM BOARD CEILING ON GRID, PAINTED

[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
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CONTRACTOR
GIBBS CONSTRUCTION
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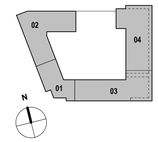
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS - RESIDENTIAL UNITS

A6.52

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LEGEND - UNIT FINISHES

[09 2900] SUSPENDED GYPSUM BOARD CEILING ON GRID, PAINTED

[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

GENERAL NOTES - ENLARGED RESIDENTIAL PLANS & ELEVATIONS

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5. REFER TO FINISH SCHEDULE FOR INFORMATION NOT ILLUSTRATED ON INTERIOR ELEVATIONS.
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13. FURNITURE SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY.
14. ALL FINISHED CEILINGS IN THE RESIDENTIAL UNITS ARE TO BE THE RATED GYPSUM CEILING OF THE FLOOR/CEILING ASSEMBLY UNLESS OTHERISE NOTED.
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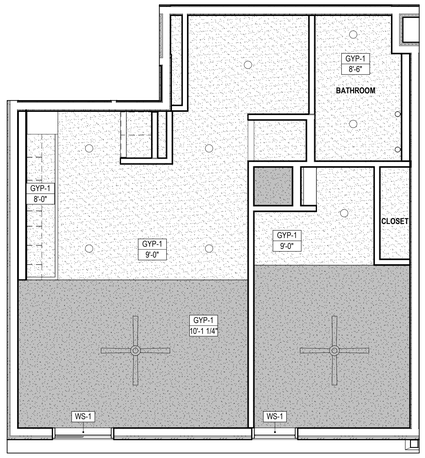
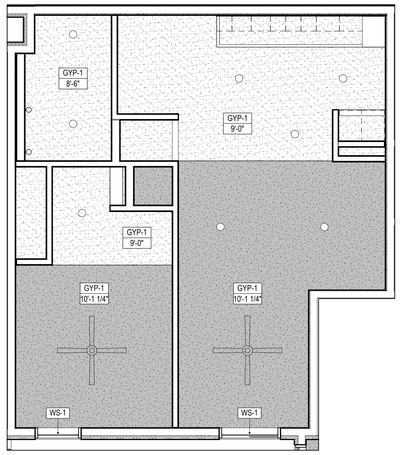
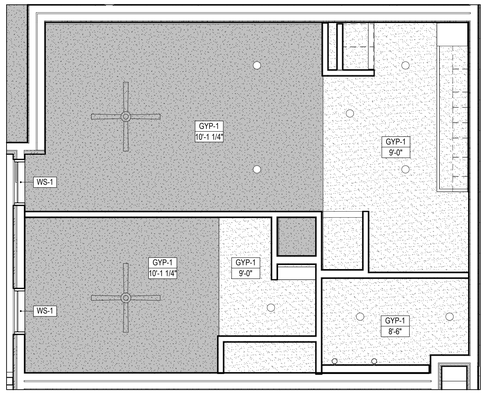
16. FURNITURE SHOWN FOR REFERENCE ONLY. NOT PART OF CONTRACT.



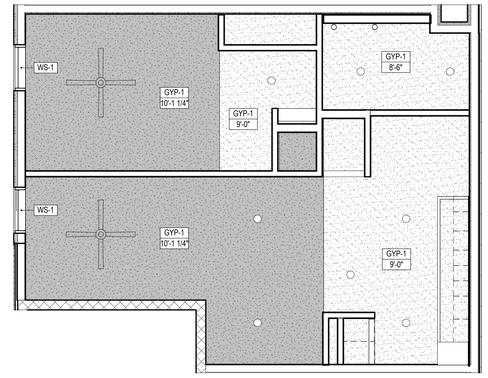
08 ENLARGED RCP - 1BD.2
A6.53 SCALE: 1/4" = 1'-0"



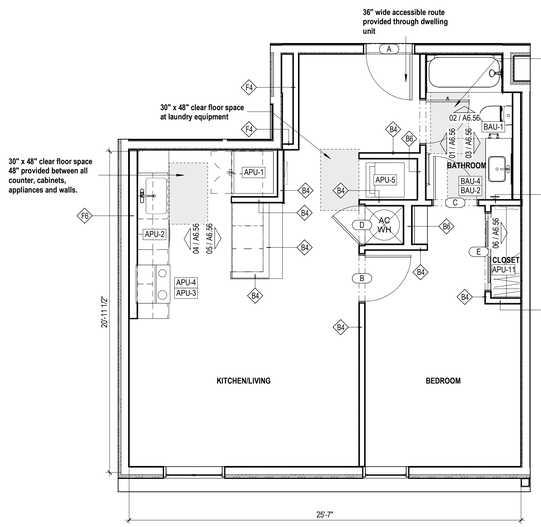
06 ENLARGED RCP - 1BD.3
A6.53 SCALE: 1/4" = 1'-0"



04 ENLARGED RCP - 1BD.4
A6.53 SCALE: 1/4" = 1'-0"



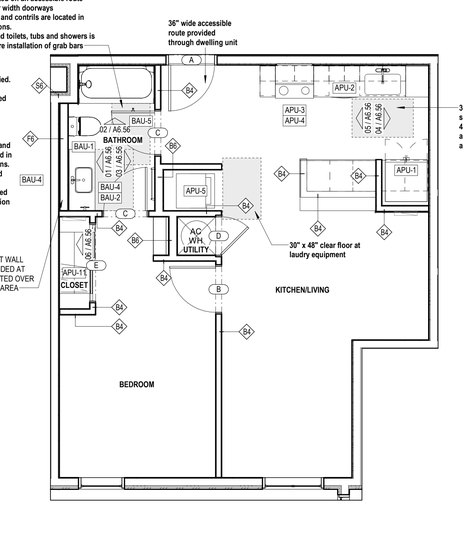
02 ENLARGED RCP - 1BD.5
A6.53 SCALE: 1/4" = 1'-0"



Fairhousing Bathroom Specification A is applied.

1. bathroom is located on an accessible route
2. 32" nominal clear width doorways
3. switches, outlets and contrils are located in accessible locations.
4. reinforcing around toilets, tubs and showers is provided for future installation of grab bars

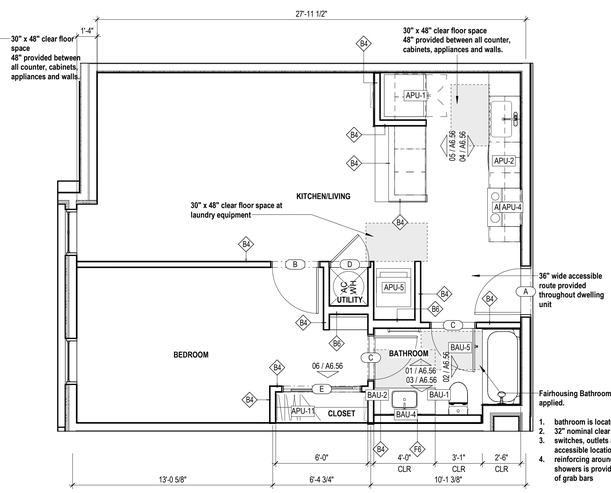
07 ENLARGED PLAN - 1BD.2
A6.53 SCALE: 1/4" = 1'-0"



Fairhousing Bathroom Specification A is applied.

1. bathroom is located on an accessible route
2. 32" nominal clear width doorways
3. switches, outlets and contrils are located in accessible locations.
4. reinforcing around toilets, tubs and showers is provided for future installation of grab bars

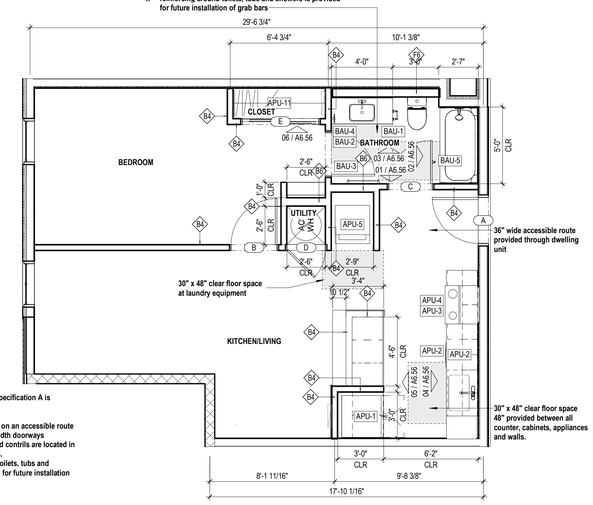
05 ENLARGED PLAN - 1BD.3
A6.53 SCALE: 1/4" = 1'-0"



Fairhousing Bathroom Specification A is applied.

1. bathroom is located on an accessible route
2. 32" nominal clear width doorways
3. switches, outlets and contrils are located in accessible locations.
4. reinforcing around toilets, tubs and showers is provided for future installation of grab bars

03 ENLARGED PLAN - 1BD.4
A6.53 SCALE: 1/4" = 1'-0"



Fairhousing Bathroom Specification A is applied.

1. bathroom is located on an accessible route
2. 32" nominal clear width doorways
3. switches, outlets and contrils are located in accessible locations.
4. reinforcing around toilets, tubs and showers is provided for future installation of grab bars

01 ENLARGED PLAN - 1BD.5
A6.53 SCALE: 1/4" = 1'-0"

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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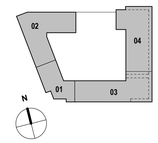
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS - A TYP RESIDENTIAL UNITS

A6.53

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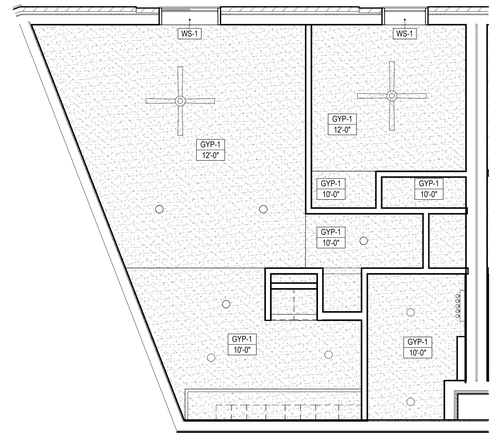
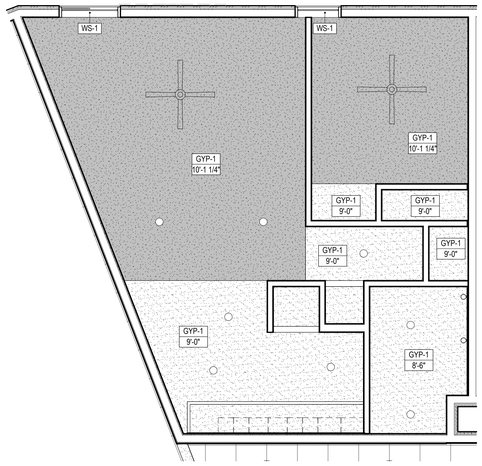


3 A6.54 ENLARGED RCP - 1BD.6 - LVL 1
SCALE: 1/4" = 1'-0"



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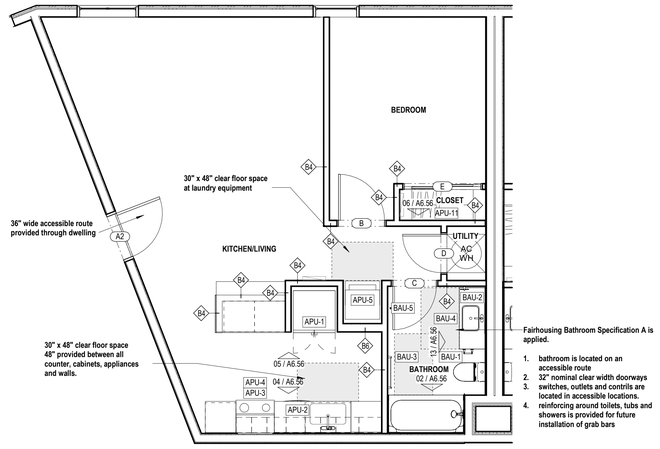

01 A6.54 ENLARGED PLAN - ATYPICAL 1 BED ROOM - 1BD.6
SCALE: 1/4" = 1'-0"

GENERAL NOTES - ENLARGED RESIDENTIAL PLANS & ELEVATIONS

1. ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWING.
2. CERTAIN ELEMENTS MAY NOT BE SHOWN IN INTERIOR ELEVATIONS. REFER TO COMPLETE DOCUMENT SET FOR INFORMATION ON FINISHES, MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS, ETC.
3. ELECTRICAL OUTLETS AND EQUIP., LIGHTING, ETC. ARE ILLUSTRATED FOR REFERENCE. REFER TO ELECTRICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED. REFER TO ELECTRICAL SHEETS FOR LIGHTING SELECTIONS.
4. MECHANICAL DIFFUSERS AND EQUIPMENT ARE ILLUSTRATED FOR REFERENCE. REFER TO MECHANICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED.
5. REFER TO FINISH SCHEDULE FOR INFORMATION NOT ILLUSTRATED ON INTERIOR ELEVATIONS.
6. ALL NOTES AND DIMENSIONS ILLUSTRATED FOR ONE ELEMENT IN A SERIES SHALL APPLY TO ALL ELEMENTS IN THE SERIES UNLESS NOTED OTHERWISE.
7. PROVIDE BLOCKING AT ALL BUILT-IN CABINTRY AND CASEWORK AS NEEDED.
8. ABOVE CEILING ITEMS ARE FOR REFERENCE ONLY.
9. REFERENCE G0.05 FOR MOUNTING HEIGHT REQUIREMENTS.
10. PROVIDE GRAB BARS AT ALL ADA UNITS: SHOWERS + TOILETS.
11. PROVIDE BLOCKING FOR FUTURE GRAB BARS AT ALL NON-ADA UNITS: AT SHOWERS + TOILETS.
12. LOCATE ROUGH OPENINGS FOR DOORS 4" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION UNLESS OTHERWISE NOTED.
13. FURNITURE SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY.
14. ALL FINISHED CEILINGS IN THE RESIDENTIAL UNITS ARE TO BE THE RATED GYPSUM CEILING OF THE FLOOR/CEILING ASSEMBLY UNLESS OTHERISE NOTED.
15. PROVIDE MANUAL ROLLER SHADES (WS-1, RE: INTERIOR FINISH LEGEND) AT ALL WINDOWS LOCATED WITHIN UNTIS.
16. FURNITURE SHOWN FOR REFERENCE ONLY. NOT PART OF CONTRACT.

LEGEND - UNIT FINISHES

[09 2900] SUSPENDED GYPSUM BOARD CEILING ON GRID, PAINTED

[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

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NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
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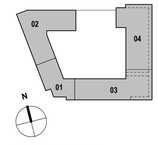
A1	ADD.01	2026_01-30



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PROJECT NUMBER
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2025_10-30

ENLG PLANS - RESIDENTIAL UNITS

A6.54

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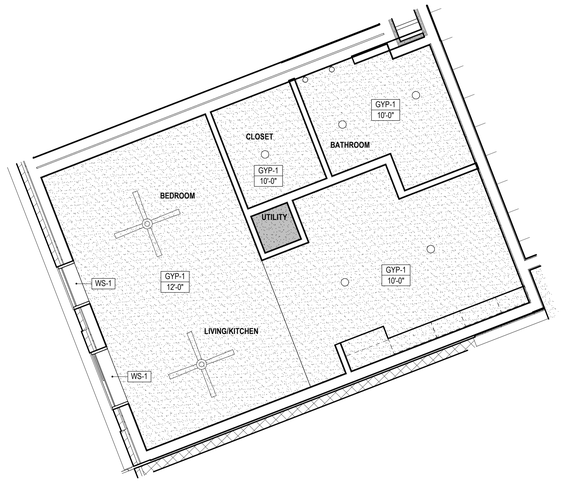
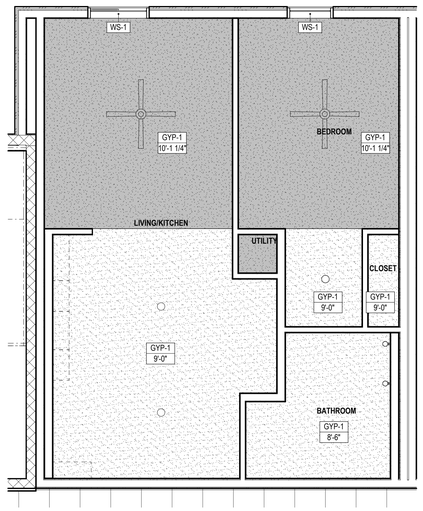


02 ENLARGED RCP - STUDIO.ADA1 LVL 1
A6.55 SCALE: 1/4" = 1'-0"

06 ENLARGED RCP - 2BD.ADA1
A6.55 SCALE: 1/4" = 1'-0"



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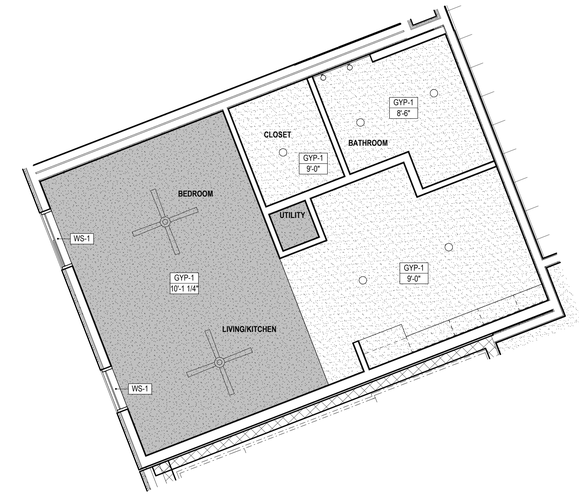

7 ENLARGED RCP - STUDIO.ADA1
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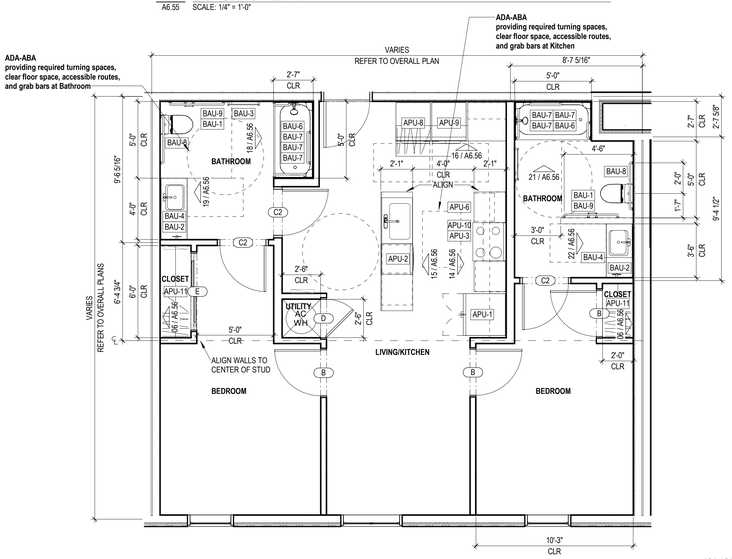

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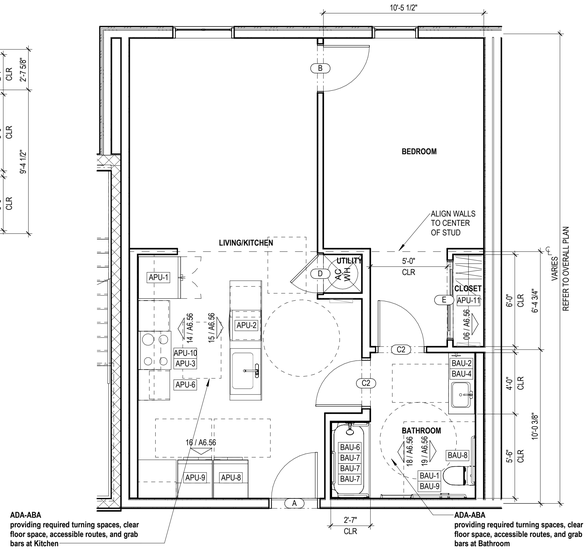

03 ENLARGED PLAN - 1BD.ADA1
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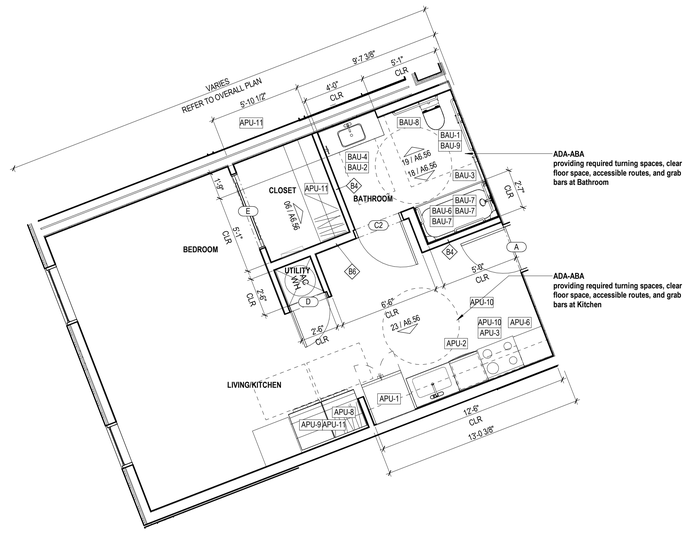

01 ENLARGED PLAN - STUDIO.ADA1
A6.55 SCALE: 1/4" = 1'-0"

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[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
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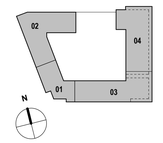
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

ENLG PLANS - ACCESSIBLE UNITS

A6.55

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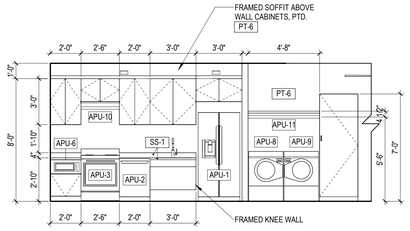
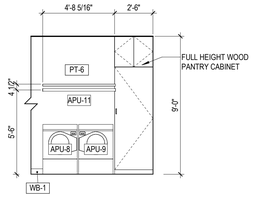


23 INT ELEVATION - ACCESSIBLE KITCHEN 2
A6.56 SCALE: 1/4" = 1'-0"



16 INT ELEVATION -WASHER/DRYER
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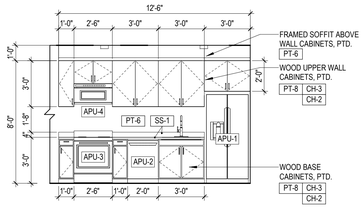

11 INT ELEVATION - STUDIO ATYP KITCHEN
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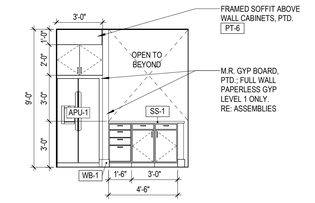

05 INT ELEVATION - TYP KITCHEN
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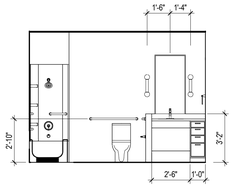

22 INT ELEVATION - ACCESSIBLE BATHROOM WALL 6
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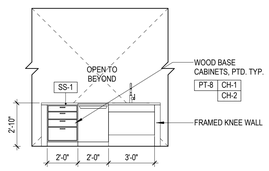

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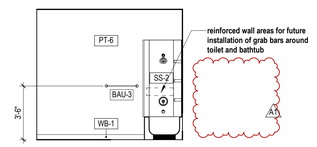

09 INT ELEVATION - BATH WALL 5
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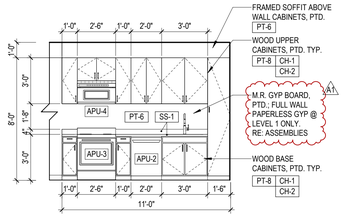

04 INT ELEVATION - TYP KITCHEN 2
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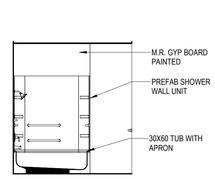

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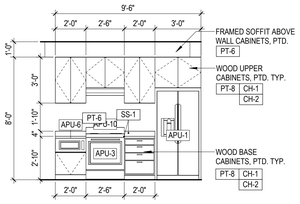

14 INT ELEVATION - ACCESSIBLE KITCHEN WALL
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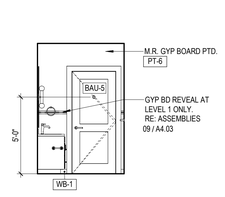

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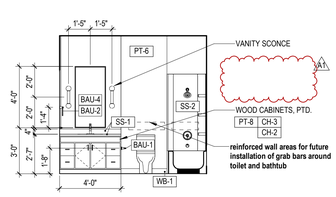

03 INT ELEVATION - BATH WALL 3
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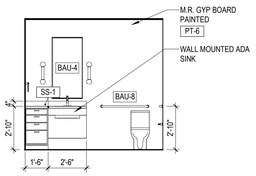

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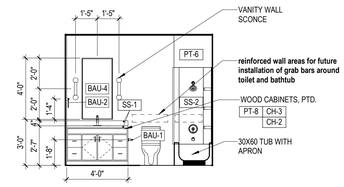

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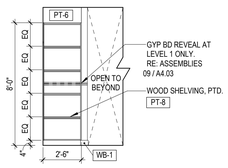

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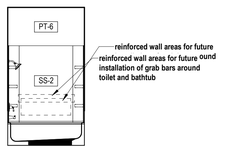

02 INT ELEVATION - BATH WALL 2
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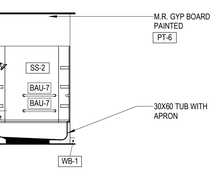

18 INT ELEVATION - ACCESSIBLE BATHROOM WALL 2
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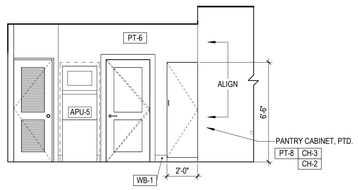

12 INT ELEVATION - STUDIO PANTRY
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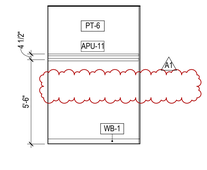

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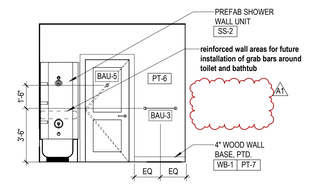

01 INT ELEVATION - BATH WALL 1
A6.56 SCALE: 1/4" = 1'-0"

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2. CERTAIN ELEMENTS MAY NOT BE SHOWN IN INTERIOR ELEVATIONS. REFER TO COMPLETE DOCUMENT SET FOR INFORMATION ON FINISHES, MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS, ETC.
3. ELECTRICAL OUTLETS AND EQUIP., LIGHTING, ETC. ARE ILLUSTRATED FOR REFERENCE. REFER TO ELECTRICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED. REFER TO ELECTRICAL SHEETS FOR LIGHTING SELECTIONS.
4. MECHANICAL DIFFUSERS AND EQUIPMENT ARE ILLUSTRATED FOR REFERENCE. REFER TO MECHANICAL DRAWINGS. COORDINATE LOCATIONS WITH ARCHITECT. NOT ALL ELEMENTS ARE ILLUSTRATED.
5. REFER TO FINISH SCHEDULE FOR INFORMATION NOT ILLUSTRATED ON INTERIOR ELEVATIONS.
6. ALL NOTES AND DIMENSIONS ILLUSTRATED FOR ONE ELEMENT IN A SERIES SHALL APPLY TO ALL ELEMENTS IN THE SERIES UNLESS NOTED OTHERWISE.
7. PROVIDE BLOCKING AT ALL BUILT-IN CABINTRY AND CASEWORK AS NEEDED.
8. ABOVE CEILING ITEMS ARE FOR REFERENCE ONLY.
9. REFERENCE G0.05 FOR MOUNTING HEIGHT REQUIREMENTS.
10. PROVIDE GRAB BARS AT ALL ADA UNITS: SHOWERS + TOILETS.
11. PROVIDE BLOCKING FOR FUTURE GRAB BARS AT ALL NON-ADA UNITS: AT SHOWERS + TOILETS.
12. LOCATE ROUGH OPENINGS FOR DOORS 4" FROM THE INSIDE FINISHED FACE OF PERPENDICULAR PARTITION UNLESS OTHERWISE NOTED.
13. FURNITURE SHOWN DASHED IN PLAN IS FOR REFERENCE ONLY.
14. ALL FINISHED CEILINGS IN THE RESIDENTIAL UNITS ARE TO BE THE RATED GYPSUM CEILING OF THE FLOOR/CEILING ASSEMBLY UNLESS OTHERISE NOTED.
15. PROVIDE MANUAL ROLLER SHADES (WS-1, RE: INTERIOR FINISH LEGEND) AT ALL WINDOWS LOCATED WITHIN UNTIS.
16. FURNITURE SHOWN FOR REFERENCE ONLY. NOT PART OF CONTRACT.

LEGEND - UNIT FINISHES

[09 2900] SUSPENDED GYPSUM BOARD CEILING ON GRID, PAINTED

[09 2900] GYPSUM BOARD PAINTED RE: ASSEMBLIES A4.02 UNDERSIDE OF RATED FLOOR CONSTRUCTION

[09 6519] RESILIENT TILE FLOORING TYPE: **LVT-1**

TRAPOLINPEER
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

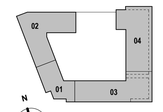
TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SCHEMATIC DESIGN	2025_07-25
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

INTERIOR ELEVATIONS - RESIDENTIAL UNITS

A6.56

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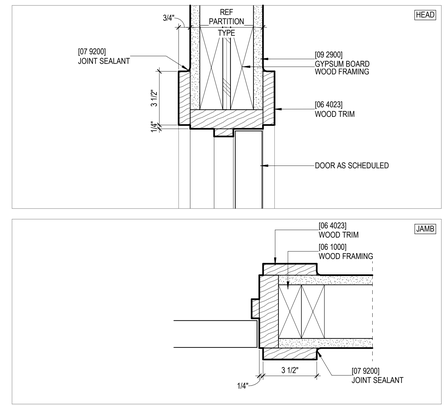
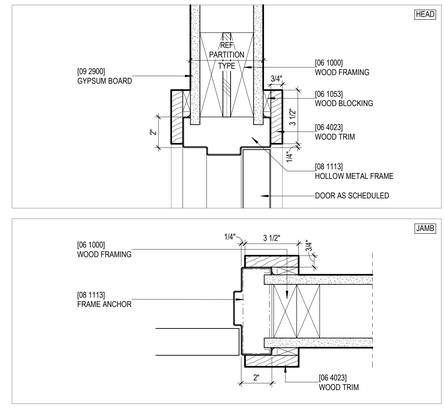


3 A6.60 TYP INT OPENING DTL - WOOD DOOR FRAME @ WD FRAMING
SCALE: 3" = 1'-0"



2 A6.60 TYP INT OPENING DTL - HM DOOR FRAME w/ WD TRIM @ WD FRAMING
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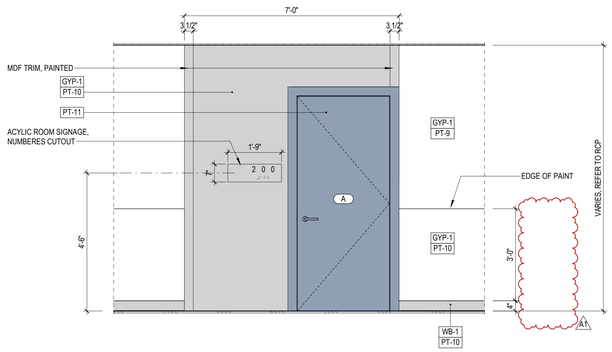

4 A6.60 TYP INT ELEVATION - ENTRY @ CORRIDORS
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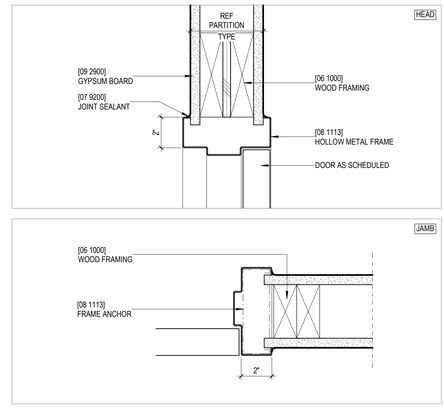

1 A6.60 TYP INT OPENING DTL - HM DOOR FRAME @ WD FRAMING
SCALE: 3" = 1'-0"

13/0/2025 2:02:34 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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RDNI BATTURE, LLC
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GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
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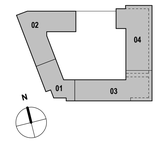
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

TYPICAL INTERIOR
OPENING DETAILS

A6.60

INTERIOR FINISH SCHEDULE - PUBLIC AREAS

Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
LEVEL 01						
100	VESTIBULE	SC-1	RB-1	PT-3	GYP-1	
101	MAIN LOBBY	SC-1	RB-1	PT-1 / PT-3	GYP-1 / MTL-1	
101.1	STORAGE	SC-1	RB-1	PT-1	--	
101.2	MECH	SC-1	RB-1	PT-1	--	
101.3	MECH	SC-1	RB-1	PT-1	--	
102	OPEN NON-GENDERED RESTROOM	SC-1	RB-1	PT-1 / CT-1	GYP-1	
103	LEASING OFFICES	SC-1	RB-1	PT-1	ACT-1	
103.1	OFFICE	SC-1	RB-1	PT-2	ACT-1	
103.2	OFFICE	SC-1	RB-1	PT-2	ACT-1	
103.3	STORAGE	SC-1	RB-1	PT-1	--	
103.4	STORAGE	SC-1	RB-1	PT-1	--	
104	RESTROOM	SC-1	RB-1	PT-1 / CT-1	ACT-1	
105	MAILROOM	SC-1	RB-1	PT-3	GYP-1 / MTL-1	
105.1	PARCEL ROOM	SC-1	RB-1	PT-3	ACT-1	
106	COMMUNITY ROOM	SC-1	RB-1	PT-2	GYP-1 / MTL-1	
106.1	MEETING ROOM	SC-1	RB-1	PT-1	GYP-1	
106.2	MECH	SC-1	RB-1	PT-1		
107	COMMUNITY KITCHEN	SC-1	RB-1	PT-1	GYP-1	
107.1	STORAGE	SC-1	RB-1	PT-1	--	
107.2	MECH	SC-1	RB-1	PT-1	--	
108	RESTROOM	SC-1	RB-1	PT-1 / CT-1	GYP-1	
109	STAIR #1	SC-1	RB-1	PT-1	--	
123	DATA	SC-1	RB-1	PT-1	--	
125.1	MECH	SC-1	RB-1	PT-1	--	
125.2	AV	SC-1	RB-1	PT-1	--	
131	FITNESS	AF-1/AF-2	RB-1	PT-1	ACT-2	
131.1	RESTROOM	SC-1	RB-1	PT-1 / CT-1	ACT-1	
131.2	MECH	SC-1	RB-1	PT-1	--	
131.3	MECH	SC-1	RB-1	PT-1	--	
133	BIKE STORAGE	SC-1	RB-1	PT-1	--	
134	MAINT HALL	SC-1	RB-1	PT-1	--	
135	FIRE PUMP	SC-1	RB-1	PT-1	--	
136	STORAGE	SC-1	RB-1	PT-1	--	
137	MAIN ELEC	SC-1	RB-1	PT-1	--	
138	STORAGE	SC-1	RB-1	PT-1	--	
139	STAIR #2	SC-1	RB-1	PT-1	--	
157	STAIR #4	SC-1	--	PT-1	--	
160.1	MECH	SC-1	RB-1	PT-1	--	
161	RETAIL SHELL - TENANT 6	SC-1	--	--	--	
161.1	RETAIL ELEC	SC-1	RB-1	PT-1	--	
162	RETAIL SHELL - TENANT 5	SC-1	--	--	--	
163	RETAIL SHELL - TENANT 4	SC-1	--	--	--	
164	RETAIL SHELL - TENANT 3	SC-1	--	--	--	
165	RETAIL SHELL - TENANT 2	SC-1	--	--	--	
166	RETAIL SHELL - TENANT 1	SC-1	--	--	--	
185	LOBBY	SC-1	RB-1	PT-1	GYP-1	
186	STAIR #3	SC-1	--	PT-1	--	
E100	ELEV #1	MANUF	--	MANUF	--	
E200	ELEV #2	MANUF	--	MANUF	--	
LEVEL 02						
200	RESIDENTIAL LOUNGE	LVT-3	WB-1 / PT-5	PT-1	GYP-1 / MTL-1	
200.1	MECH	LVT-3	RB-1	PT-1	--	
201	RENTABLE STORAGE	LVT-3	RB-1	PT-1	ACT-1	
201.1	MECH					
202	WORKSPACE	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
203	YOGA/REFLECTION ROOM	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
204	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
205	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
206	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
207	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
208	ELEV LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
209	STAIR #1	--	--	PT-1	--	
216	28.1					
223	ELEC	LVT-3	RB-1	PT-1	--	
225.1	MECHANICAL	LVT-3	RB-1	PT-1	--	
225.2	STORAGE	LVT-3	RB-1	PT-1	--	
239	STAIR #2	--	--	PT-1	--	
257	STAIR #4	--	--	PT-1	--	
258	MECH/ELEC	LVT-3	RB-1	PT-1	--	
259	AV	LVT-3	RB-1	PT-1	--	
276	MECH	LVT-3	RB-1	PT-1	--	
278	JANITOR'S CLOSET	LVT-3	RB-1	PT-1	--	
284	TRASH CHUTE ROOM	LVT-3	RB-1	PT-1	ACT-1	
285	LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
286	STAIR #3	--	--	PT-1	--	
E100	ELEV #2	MANUF	--	MANUF	--	
E200	ELEV #2	MANUF	--	MANUF	--	
LEVEL 03						
300	RESIDENTIAL LOUNGE	LVT-3	WB-1 / PT-5	PT-1 / PT-3	GYP-1 / MTL-1	
300.1	MECH	LVT-3	RB-1	PT-1	--	
301	RENTABLE STORAGE	LVT-3	RB-1	PT-1	ACT-1	
302	WORKSPACE	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
303	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
304	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
305	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
306	FLEX SPACE	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
307	STORAGE	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
308	ELEVATOR LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
309	STAIR #1	--	--	PT-1	--	
323	ELEC	LVT-3	RB-1	PT-1	--	
325.1	MECH	LVT-3	RB-1	PT-1	--	
325.2	AV	LVT-3	RB-1	PT-1	--	
339	STAIR #2	--	--	PT-1	--	
357	STAIR #4	--	--	PT-1	--	
358	MECH/ELEC	LVT-3	RB-1	PT-1	--	
359	AV	LVT-3	RB-1	PT-1	--	
376	MECH	LVT-3	RB-1	PT-1	--	
378	JANITOR'S CLOSET	LVT-3	RB-1	PT-1	ACT-1	
384	TRASH	LVT-3	RB-1	PT-1	ACT-1	
385	LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
386	STAIR #3	--	--	PT-1	--	
E100	ELEV #1	MANUF	--	MANUF	--	
E200	ELEV #2	MANUF	--	MANUF	--	
LEVEL 04						
400	RESIDENTIAL LOUNGE	LVT-3	WB-1 / PT-5	PT-1 / PT-3	GYP-1 / MTL-1	
400.1	MECH	LVT-3	RB-1	PT-1	--	
401	THEATER ROOM	CPT-1	WB-1 / PT-5	PT-1	ACT-2	
401.1	MECH					
402	WORKSPACE	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
403	YOGA/RELFECTION	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
404	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
405	VIRTUAL ROOM	LVT-3	WB-1 / PT-5	PT-2	ACT-1	
406	ELEVATOR LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
409	STAIR #1	--	--	PT-1	--	
423	ELEC	LVT-3	RB-1	PT-1	--	
425.1	MECH	LVT-3	RB-1	PT-1	--	
425.2	STORAGE	LVT-3	RB-1	PT-1	--	
439	STAIR #2	--	--	PT-1	--	
457	STAIR #4	--	--	PT-1	--	
459	MECH/ELEC	LVT-3	RB-1	PT-1	--	
476	MECH	LVT-3	RB-1	PT-1	--	
478	JANITOR'S CLOSET	LVT-3	RB-1	PT-1	ACT-1	
484	TRASH	LVT-3	RB-1	PT-1	ACT-1	
485	LOBBY	LVT-3	WB-1 / PT-5	PT-1	GYP-1	
486	STAIR #3	--	--	PT-1	--	
E100	ELEV #1	MANUF	--	MANUF	--	
E200	ELEV #2	MANUF	--	MANUF	--	

INTERIOR FINISH SCHEDULE - RESIDENTIAL CORRIDORS

Number	Name	Floor Finish	Base Finish	Ceiling Finish	Wall Finish	Comments
LEVEL 01						
110	CIRC	SC-1	WB-1 / PT-5	ACT-2	PT-1	
140	CIRC	SC-1	WB-1 / PT-5	ACT-2	PT-1	
160	CIRC	SC-1	WB-1 / PT-5	ACT-2	PT-1	
LEVEL 02						
210	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
240	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
260	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
LEVEL 03						
310	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
340	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
360	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
LEVEL 04						
410	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
440	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	
460	CIRC	LVT-2	WB-1 / PT-5	ACT-2	PT-1	

INTERIOR FINISH SCHEDULE - RESIDENTIAL UNITS

Name	Floor Finish	Base Finish	Ceiling Finish	Wall Finish	Comments
BATHROOM	LVT-1	WB-1 / PT-7	GYP-1	PT-6	
BEDROOM	LVT-1	WB-1 / PT-7	GYP-1	PT-6	
CLOSET	LVT-1	WB-1 / PT-7	GYP-1	PT-6	
KITCHEN/LIVING	LVT-1	WB-1 / PT-7	GYP-1	PT-6	
UTILITY	LVT-1	WB-1 / PT-7	GYP-1	PT-6	

*FLOOR FINISH AT LEVEL 01 FOR RESIDENTIAL UNITS TO BE SEALED CONCRETE PER FINISH SCHEDULE

A1

BATHROOM ACCESSORY SCHEDULE

Type Mark	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS	ADA
BA-1	ELVARI TOILET PAPER DISPENSER WITH SHELF	BRADLEY	MODEL 5B2-110089		
BA-2	ELVARI NAPKIN DISPOSAL, RECESSED	BRADLEY	MODEL 482		
BA-3	ELVARI GRAB BARS	BRADLEY	MODEL 881	36" AND 42"	
BA-4	ELVARI SURFACE-MOUNTED ADA HAND DRYER	BRADLEY	MODEL 2B4		
BA-5	30" X 42" MIRROR				
BA-6	72" X 48" MIRROR				
BA-7	RECESSED STAINLESS STEEL BABY CHANGING STATION	BRADLEY	MODEL 962		
BA-8	ELVARI SENSORED LIQUID OR FOAM SOAP DISPENSER, SURFACE MOUNTED	BRADLEY	MODEL 6B1-1193		
BA-9	ELVARI SURFACE-MOUNTED HAND DRYER	BRADLEY	MODEL 2B4		

APPLIANCE SCHEDULE

Type Mark	Description	MODEL	Comments	ADA
AP-1	MICROWAVE	PEB9159SJSS	INCLUDE 30" STAINLESS STEEL TRIM KIT	
AP-2	FRENCH-DOOR REFRIGERATOR	GNE21FYKFS		
AP-3	UNDER COUNTER ICE MAKER	UCC15NPRII		
AP-4	COMPACT REFRIGERATOR	GCE06GSHSB		

BATHROOM ACCESSORY SCHEDULE - UNITS

Type Mark	DESCRIPTION	MANUFACTURER	MODEL	FINISH	DIMENSION S
BAU-1	TISSUE PAPER HOLDER	KOHLER	K-13434	POLISHED CHROME	
BAU-2	TOWEL RING	KOHLER	K-13435	POLISHED CHROME	
BAU-3	TOWEL BAR	KOHLER	K-13431	POLISHED CHROME	
BAU-4	MIRROR	GLASS WAREHOUSE	TRINITY	POLISHED CHROME	22" X 48"
BAU-5	ROBE HOOK	KOHLER	K-13433	POLISHED CHROME	
BAU-6	GRAB BAR	BOBRICK GAMCO	125E-SERIES-EXPOSED	STAINLESS STEEL - SATIN	12"
BAU-7	GRAB BAR	BOBRICK GAMCO	125E-SERIES-EXPOSED	STAINLESS STEEL - SATIN	24"
BAU-8	GRAB BAR	BOBRICK GAMCO	125E-SERIES-EXPOSED	STAINLESS STEEL - SATIN	36"
BAU-9	GRAB BAR	BOBRICK GAMCO	125E-SERIES-EXPOSED	STAINLESS STEEL - SATIN	42"

APPLIANCE SCHEDULE - UNITS

Type Mark	Description	Manufacturer	MODEL	Comments	ADA
APU-1	REFRIGERATOR	GE	GDE25EYKFS		
APU-2	DISHWASHER	GE	GDF511PSRSS		
APU-3	RANGE	GE	PB900YVFS		
APU-4	MICROWAVE	GE	JVM6172SKSS		
APU-5	WASHER/DRYER	GE	GUD27EESNWW		
APU-6	MICROWAVE - ADA UNITS	GE	PCHK11S1WSS		
APU-8	WASHER - ADA UNITS	GE	GFW148SSMWW		
APU-9	DRYER - ADA UNITS	GE	GFD14ESSNWW		
APU-10	RANGE HOOD - ADA UNITS	GE	JVX5305SJSS		
APU-11	CLOTHES ROD WITH SHELF ABOVE				

INTERIOR FINISH LEGEND

MARK	MATERIAL	BOD MANUFACTURER	MODEL	SIZE	FINISH	AREA / LOCATION	COMMENTS	SPECIFICATION REF.
BASE								
RB-1	RUBBER BASE	TARKETT	JOHNSONITE TRADITIONAL VINYL 1/8" (TYPE TV)	4.5"	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 6513
WB-1	MDF BASE	--	--	4"	PRIMED, FIELD PAINTED	INTERIOR		06 4023
CABINET HARDWARE								
CH-1	CABINET PULL	MISENO	MCPCP2300PC	3"	POLISHED CHROME	INTERIOR		12 3530
CH-2	CABINET HINGE	HAFELE	315.03.502	3"	--	INTERIOR		12 3530
CH-3	CABINET PULL	AMEROCK	BP3607826	3"	POLISHED CHROME	INTERIOR		12 3530
CARPET								
CPT-1	CARPET TILE	SHAW CONTRACT	COMMONS TILE	24 X 24	CYAN	INTERIOR		09 6813
CEILING FINISH								
ACT-1	ACOUSTIC TILE	ARMSTRONG	OPTIMA LAY-IN AND TEGULAR	2X4	--	INTERIOR		09 5113
ACT-2	ACOUSTIC TILE	ARMSTRONG	OPTIMA LAY-IN AND TEGULAR	2X6	--	INTERIOR		09 5113
ACT-3	ACOUSTIC TILE	ARMSTRONG	OPTIMA LAY-IN AND TEGULAR	6'x96"	--	INTERIOR		09 5113
GYP-1	GYPSUM CEILING	--	--	--	--	INTERIOR	PAINTED	09 2900
LMC-1	ACOUSTIC DECORATIVE CEILING	ARMSTRONG	METALWORKS LINEAR - SYNCHRO CEILING PLANKS	6"X96"	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 5423
CONCRETE FLOOR								
SC-1	SEALED CONCRETE					INTERIOR	ALL LEVEL 01 FLOOR SLAB	
PAINT								
PT-1	WALL PAINT	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-2	WALL PAINT	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-3	WALL PAINT	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-4	MILLWORK PAINT	SHERWIN WILLIAMS		SEMI-GLOSS	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-5	BASE PAINT	SHERWIN WILLIAMS		SEMI-GLOSS	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-6	WALL PAINT - UNITS	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-7	BASE PAINT - UNITS	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-8	CASEWORK PAINT - UNITS	SHERWIN WILLIAMS		SATIN	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-9	INTERIOR PAINT - CORRIDORS	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-10	INTERIOR PAINT - CORRIDOR WAINSCOT	SHERWIN WILLIAMS		EGGSHELL	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
PT-11	INTERIOR PAINT - UNIT ENTRY DOORS	SHERWIN WILLIAMS		SEMI-GLOSS	TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		09 9123
RESILIENT FLOORING								
LVT-1	LUXURY VINYL TILE	PATCRAFT	TRU SPECIES 5.0	5MM	PEARL OAK	INTERIOR	BRICK INSTALLATION. MOISTURE RESISTANT ADHESIVE @ BATHROOMS	09 6519
LVT-2	LUXURY VINYL TILE	PATCRAFT	EARTHEN II	4MM	HARBOR	INTERIOR	HERRINGBONE INSTALL	09 6519
LVT-3	LUXURY VINYL TILE	PATCRAFT	ADESA	5.5MM	MEADOW	INTERIOR	STAGGER INSTALL	09 6519
SOLID SURFACE								
SS-1	QUARTZ COUNTERTOP & BACKSPLASH	COSENTINO	SILESTONE	2CM	MIAMI ORO	INTERIOR		12 3661
SS-2	BATHTUB WALL SET	AMERICAN STANDARD	3961BWT60	60" X 30" X 60"	WHITE	INTERIOR		06 6117
SS-3	QUARTZ COUNTERTOP & BACKSPLASH	COSENTINO	SILESTONE	2CM	PERSIAN WHITE	INTERIOR		12 3661
SPECIALTY FLOORING								
AF-1	ATHLETIC FLOORING	ECORE ATHLETIC	PERFORMANCE MODZILLA 1" SYSTEM	--	JET BLACK	INTERIOR		09 6566
AF-2	ATHLETIC FLOORING	ECORE ATHLETIC	PERFORMANCE MODZILLA 1" SYSTEM	--	WARM GRAY	INTERIOR		09 6566
TILE								
CT-1	CERAMIC TILE	TILEBAR	ENIGMA	3" X 8"	ASH BLUE	INTERIOR		09 3013
WINDOW SHADE								
WS-1	WINDOW ROLLER SHADE	DRAPER	FLEXSTYLE CASSETTE UPLIFT		FABRIC: E SCREEN WHITE/LINEN. 4" SQUARE CASSETTE: WHITE	INTERIOR	1% OPENNESS FACTOR	12 2413
WOOD								
WD-1	WOOD STAIN				TO SELECT FROM FULL RANGE OF COLORS	INTERIOR		06 4023

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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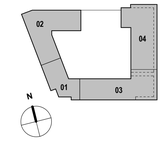
504.733.4336

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	ADD.01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

FINISH SCHEDULE

A8.01

1/30/2026 2:02:38 PM
Autodesk Docs://24 - 22194 - River District/24-22194 - River District.rvt

MECHANICAL GENERAL NOTES

1. ALL NEW WORK AS SHOWN ON CONTRACT DOCUMENTS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES ACCEPTED IN JURISDICTION TO THE SATISFACTION OF THE CODE AUTHORITY HAVING JURISDICTION.
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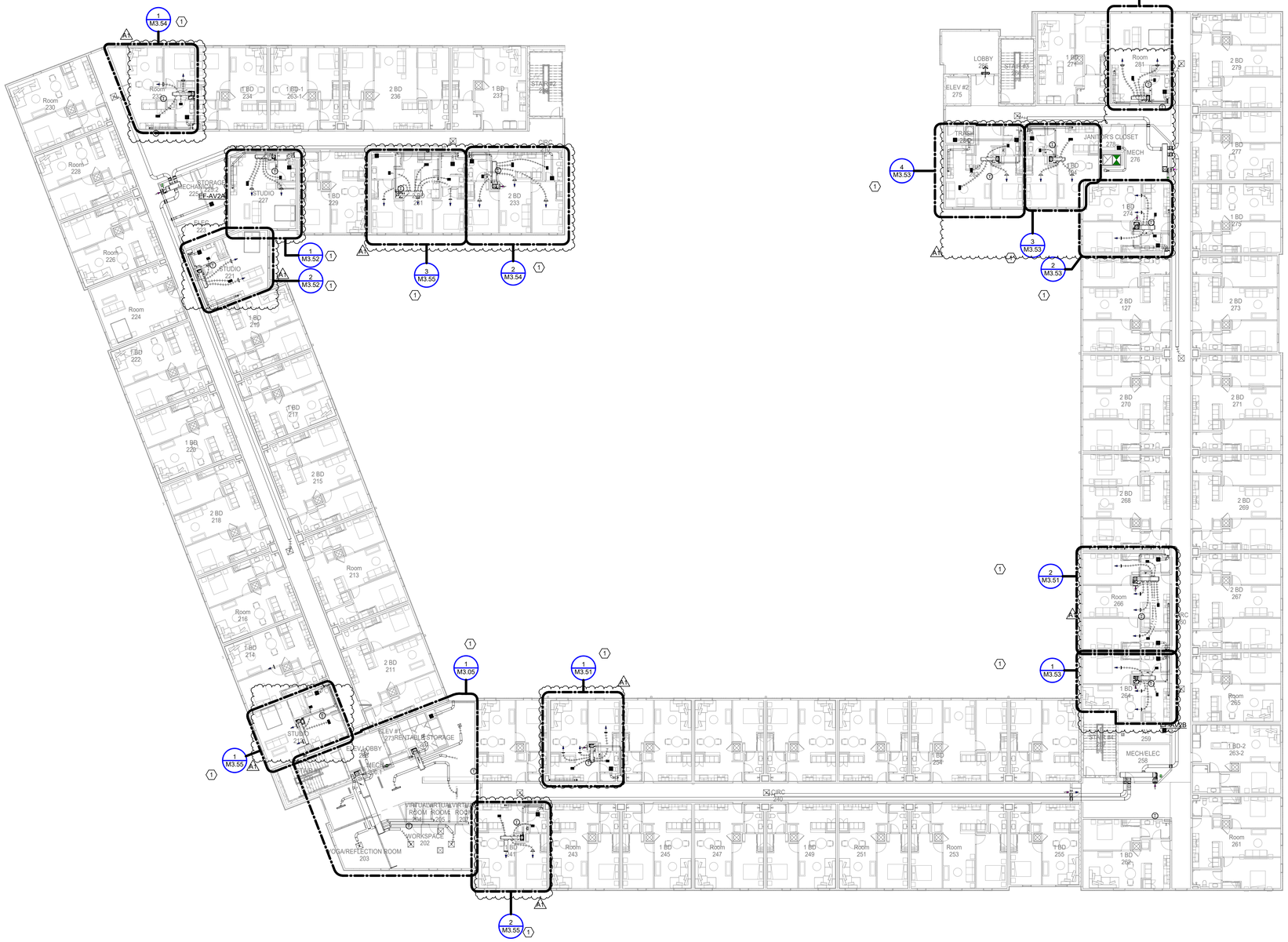
3. ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.
4. SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.
5. ALL CONDENSATE DRAINS SHALL BE FULL SIZED UNLESS NOTED OTHERWISE.
6. PROGRAMMABLE THERMOSTAT SHALL REMAIN IN FAN 'AUTO' MODE.
7. REFER TO DUCTWORK CONSTRUCTION DETAIL FOR DETAIL OF DAMPERS LOCATED IN ACCESSIBLE CEILINGS.

MECHANICAL KEYED NOTES

1. REFER TO ENLARGED PLAN FOR WORK IN DESIGNATED AREAS OF APARTMENT BUILDING. (TYPICAL)



N

1 **LEVELS 02 - MECHANICAL PLAN**
Scale: 1/16" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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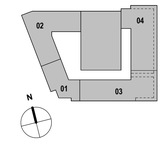
STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

MECHANICAL - OVERALL PLAN - LEVEL 02

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Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

M1.02

1/29/2026 1:24:05 PM
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MECHANICAL GENERAL NOTES

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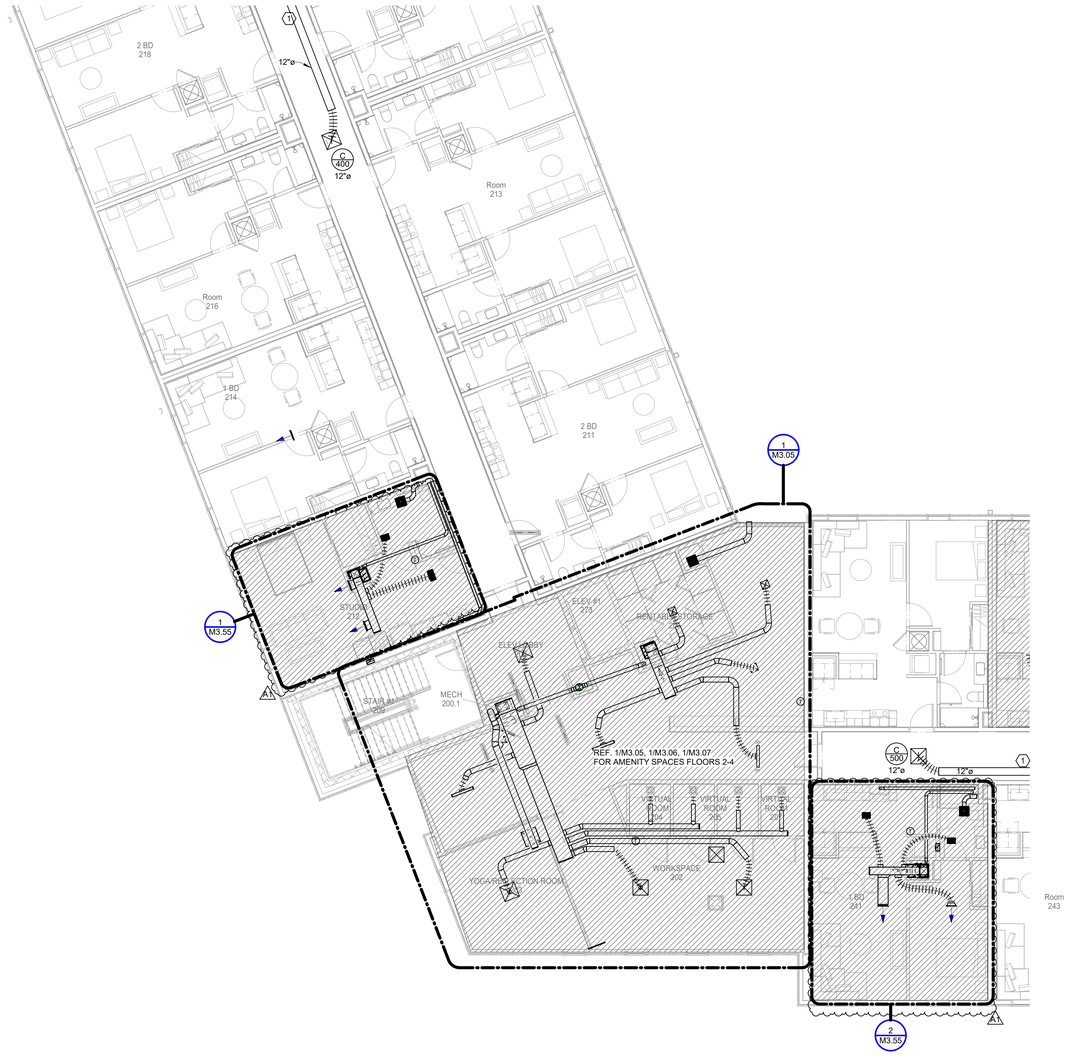
MECHANICAL KEYED NOTES

1 DUCT FROM CORRIDOR FCU SERVING THE CORRIDOR



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1 **LEVELS 02-04 - MECHANICAL PLAN - AREA 01**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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INITIAL ISSUE & REVISIONS

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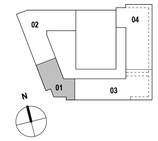

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MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 01

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Registration: 0005857
Project No: 2590-00182

M2.15

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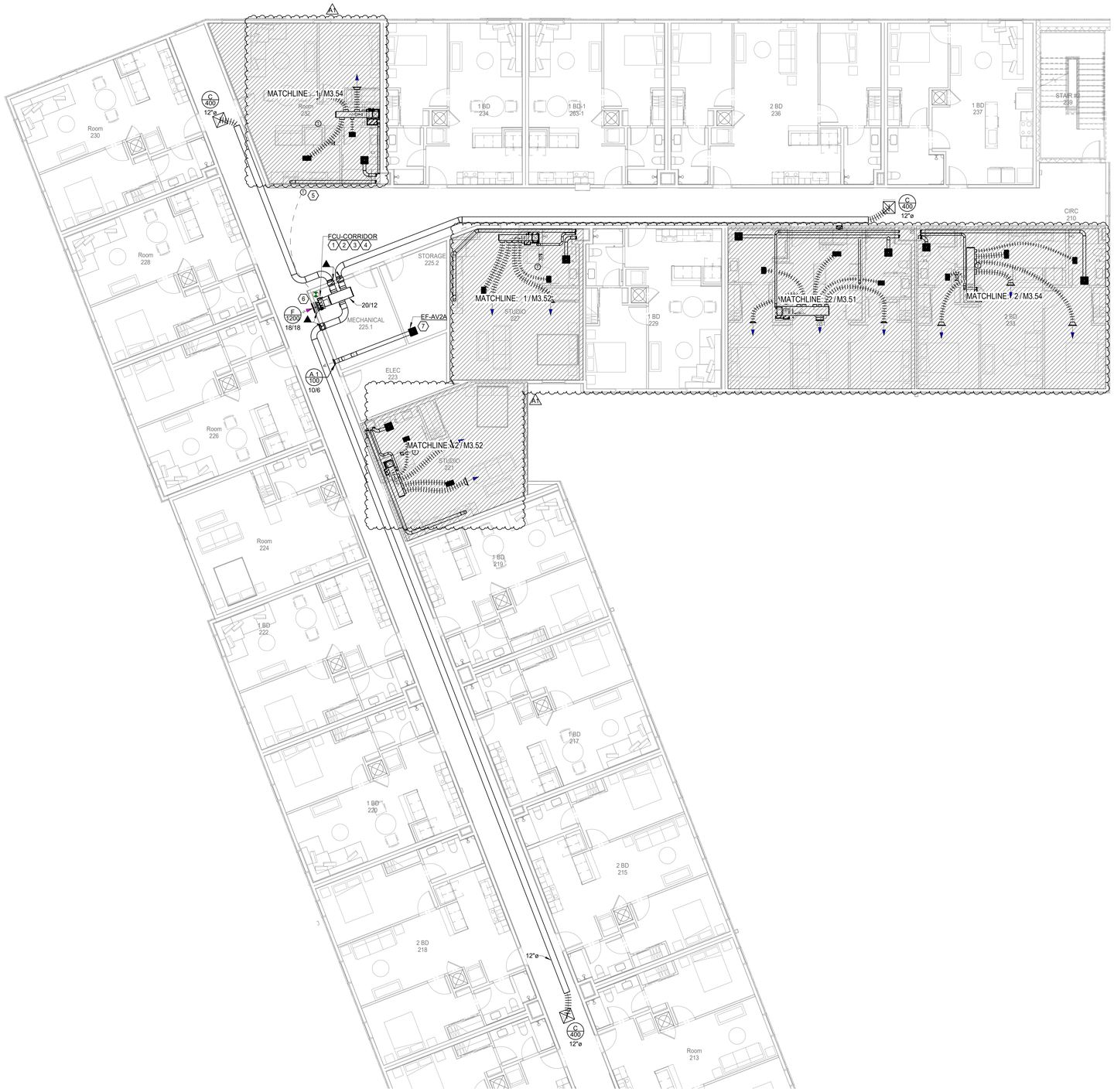

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5. ALL CONDENSATE DRAINS SHALL BE FULL SIZED UNLESS NOTED OTHERWISE.
6. PROGRAMMABLE THERMOSTAT SHALL REMAIN IN FAN 'AUTO' MODE.
7. REFER TO DUCTWORK CONSTRUCTION DETAIL FOR DETAIL OF DAMPERS LOCATED IN ACCESSIBLE CEILINGS.

MECHANICAL KEYED NOTES

1. ROUTE FULL SIZE INSULATED CONDENSATE DRAIN TO HUB DRAIN. TERMINATE WITH AIR GAP. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT LOCATION OF HUB DRAIN.
2. PROVIDE AUXILIARY EMERGENCY DRAIN PAN WITH EMERGENCY OVERFLOW FLOAT SWITCH. PAN SHALL BE MINIMUM 4" DEEP AND SHALL EXTEND OUT FROM UNDER UNIT 6" ON ALL SIDES.
3. VERIFY SERVICE CLEARANCE FOR AIR FILTER, COIL, AND FAN SHAFT REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT. (TYPICAL OF ALL UNITS)
4. PROVIDE MOTORIZED DAMPER AND MANUAL BALANCING DAMPER BETWEEN OUTSIDE AIR CAP AND CONNECTION TO RETURN AIR DUCT. MOTORIZED AIR DAMPER TO OPEN WHEN UNIT IS IN HEATING OR COOLING MODE AND CLOSE WHEN UNIT IS OFF.
5. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH WIFI CAPABILITY INTERLOCKED WITH ASSOCIATED AIR HANDLING UNIT. FIELD ROUTE THERMOSTAT WIRING TO UNIT.
6. PROVIDE FILTER BACKED HINGED RETURN AIR GRILLED WITH FRAME SUITABLE FOR SURFACE MOUNTING AT 12" A.F.F.
7. PROVIDE LINE VOLTAGE T-STAT INTERLOCKED WITH EXHAUST FAN. SET THERMOSTAT TO 80°F.

N

1 **LEVELS 02-04 - MECHANICAL PLAN - AREA 02**
Scale: 1/8" = 1'-0"

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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DAVID BONAVENTURE
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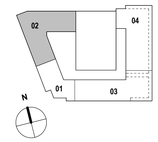
PROFESSIONAL ENGINEER
01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

MECHANICAL - AREA PLAN - LEVELS 02-04 AREA 02

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5215 Essen Lane, Suite 100
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Registration: 0005857
Project No: 2550-00182

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MECHANICAL KEYED NOTES

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5. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH WIFI CAPABILITY INTERLOCKED WITH ASSOCIATED AIR HANDLING UNIT. FIELD ROUTE THERMOSTAT WIRING TO UNIT.
6. PROVIDE FILTER BACKED HINGED RETURN AIR GRILLED WITH FRAME SUITABLE FOR SURFACE MOUNTING AT 12" A.F.F.
7. PROVIDE LINE VOLTAGE T-STAT INTERLOCKED WITH EXHAUST FAN. SET THERMOSTAT TO 80°F.
8. PROVIDE 12" Ø OA DOWN FROM ROOF CAP.

MECHANICAL GENERAL NOTES

1. ALL NEW WORK AS SHOWN ON CONTRACT DOCUMENTS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES ACCEPTED IN JURISDICTION TO THE SATISFACTION OF THE CODE AUTHORITY HAVING JURISDICTION.
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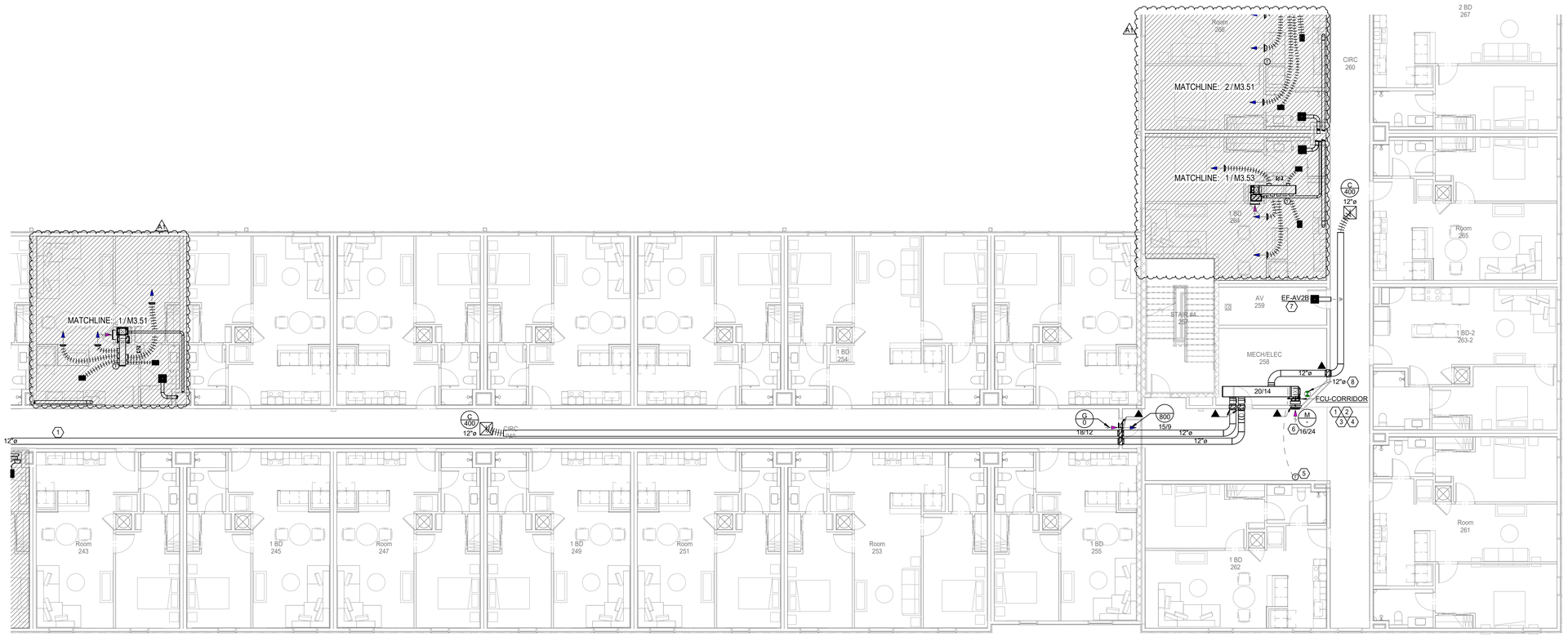

N

1 **LEVELS 02-04 - MECHANICAL PLAN - AREA 03**
Scale: 1/8" = 1'-0"

TRAPOLINPEER
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
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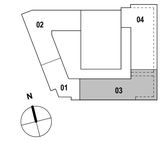
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 03

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Registration: 0005857
Project No: 2550-00182

M2.17

1/29/2026 1:20:01 PM
Autodesk Docs://24 - 22194 - River District/2550-00182_River District_MEP_R24.rvt

N

1 **LEVELS 02-04 - MECHANICAL PLAN - AREA 04**
Scale: 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

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6. PROVIDE FILTER BACKED HINGED RETURN AIR GRILLED WITH FRAME SUITABLE FOR SURFACE MOUNTING AT 12" A.F.F.
7. PROVIDE 12" Ø OA DOWN FROM ROOF CAP.

TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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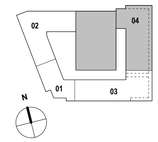
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

MECHANICAL - AREA PLAN - LEVELS 02-04, AREA 04

Salas O'Brien
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5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

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MECHANICAL GENERAL NOTES

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3. ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.
4. SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.
5. ALL CONDENSATE DRAINS SHALL BE FULL SIZED UNLESS NOTED OTHERWISE.
6. PROGRAMMABLE THERMOSTAT SHALL REMAIN IN FAN 'AUTO' MODE.
7. REFER TO DUCTWORK CONSTRUCTION DETAIL FOR DETAIL OF DAMPERS LOCATED IN ACCESSIBLE CEILINGS.

MECHANICAL KEYED NOTES

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2. PROVIDE WITH AUXILIARY DRAIN PAN WITH FLOAT SWITCH. PAN SHALL BE MINIMUM 4" DEEP AND SHALL EXTEND OUT FROM UNDER THE UNIT 6" ON ALL SIDES.
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7. PROVIDE UNIT WITH 40 CFM OF OUTSIDE AIR.
8. PROVIDE SANTA FE ULTRA70 DEHUMIDIFIER 115V. MOUNT PER MANUFACTUERER'S REQUIREMENTS.
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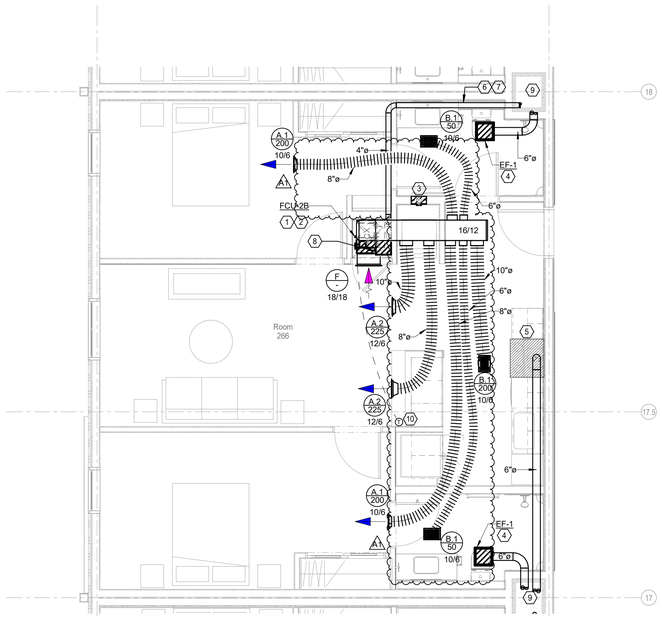

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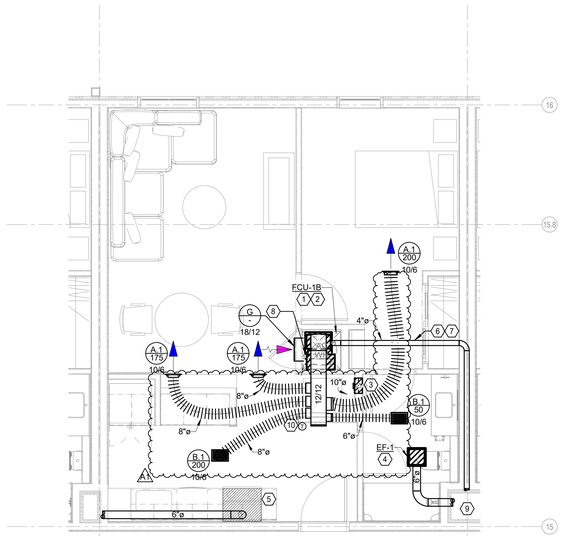
2 ENLARGED MECHANICAL PLAN - TYPICAL 2BED 2BATH

Scale: 1/4" = 1'-0"



N

1 ENLARGED MECHANICAL PLAN - TYPICAL 1BED 1BATH

Scale: 1/4" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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CONTRACTOR
GIBBS CONSTRUCTION
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504.733.4336

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

01/29/2026
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INITIAL ISSUE & REVISIONS

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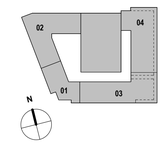

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PROJECT NUMBER
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MECHANICAL - ENL PLANS - RESIDENTIAL UNITS

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Registration: 0005857
Project No: 2550-00182

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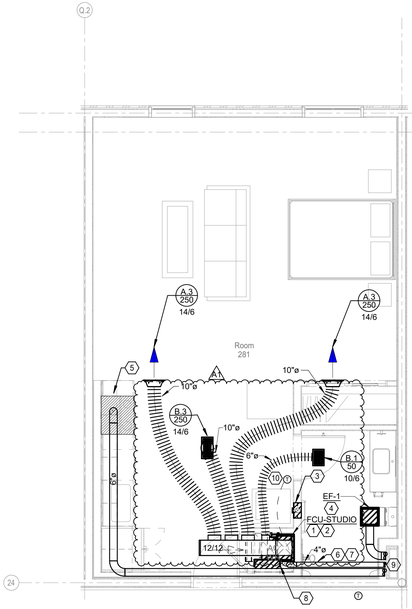

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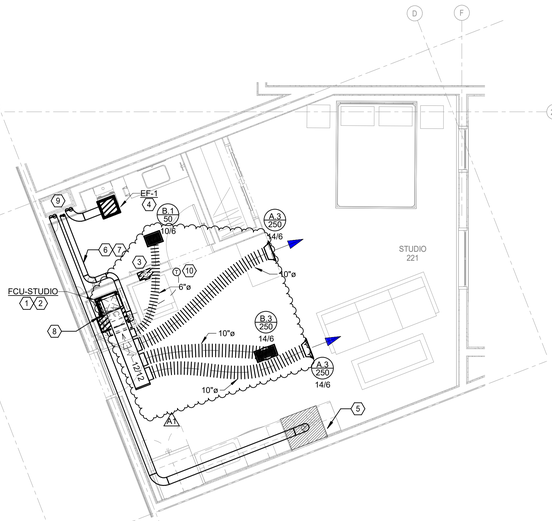
3 ENLARGED MECHANICAL PLAN - TYPICAL STUDIO

Scale: 1/4" = 1'-0"



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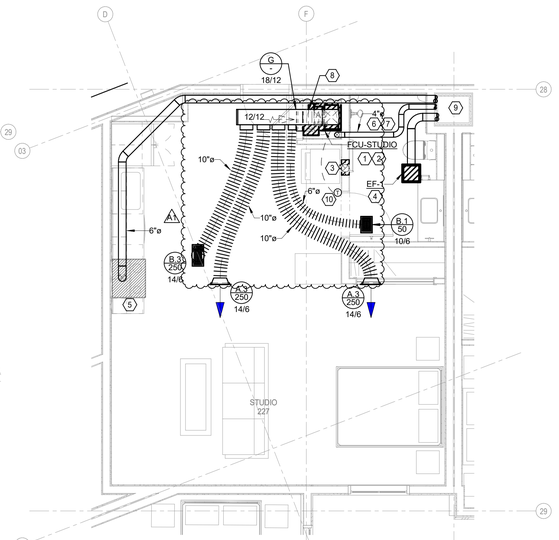
2 ENLARGED MECHANICAL PLAN - ATYPICAL STUDIO TYPE 1

Scale: 1/4" = 1'-0"



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1 ENLARGED MECHANICAL PLAN - ATYPICAL STUDIO TYPE 2

Scale: 1/4" = 1'-0"

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504.733.4336

STATE OF LOUISIANA
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License No. 31064
PROFESSIONAL ENGINEER

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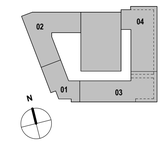

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PROJECT NUMBER
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MECHANICAL - ENL PLANS - RESIDENTIAL UNITS

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5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

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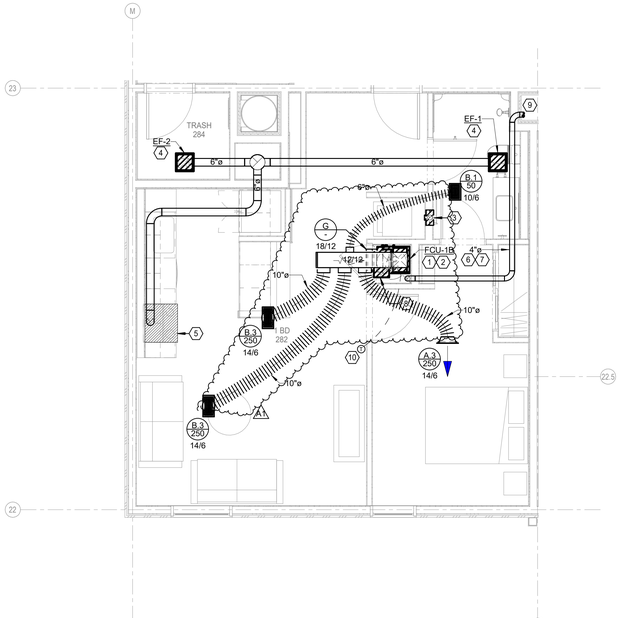

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4 ENLGD. MECHANICAL PLAN - ATYPICAL 1 BED ROOM TYPE 1

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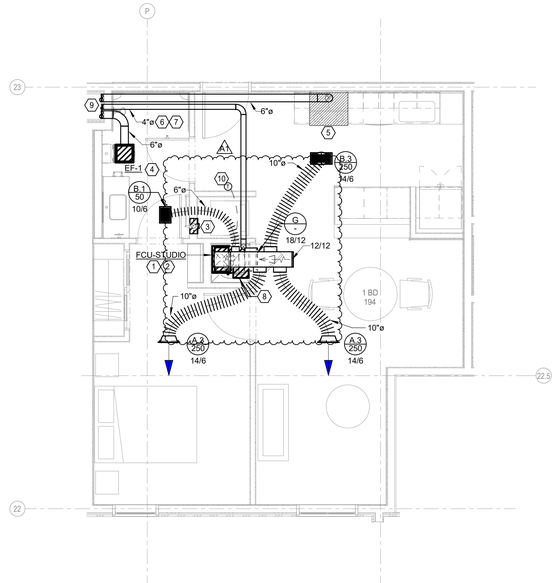

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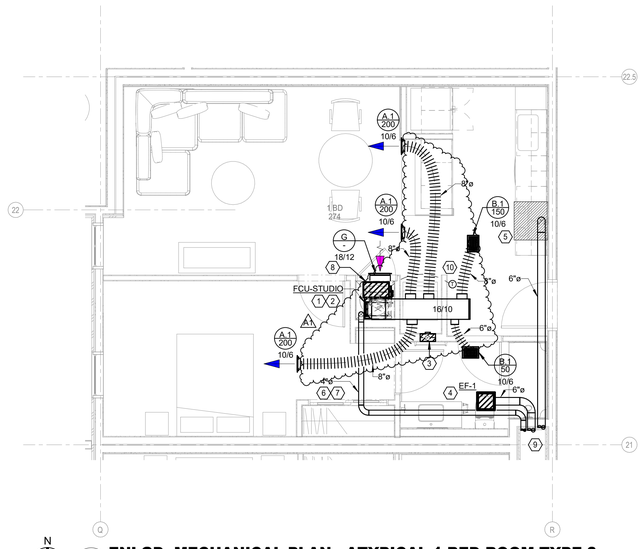
3 ENLGD. MECHANICAL PLAN - ATYPICAL 1 BED ROOM TYPE 2

Scale: 1/4" = 1'-0"



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2 ENLGD. MECHANICAL PLAN - ATYPICAL 1 BED ROOM TYPE 3

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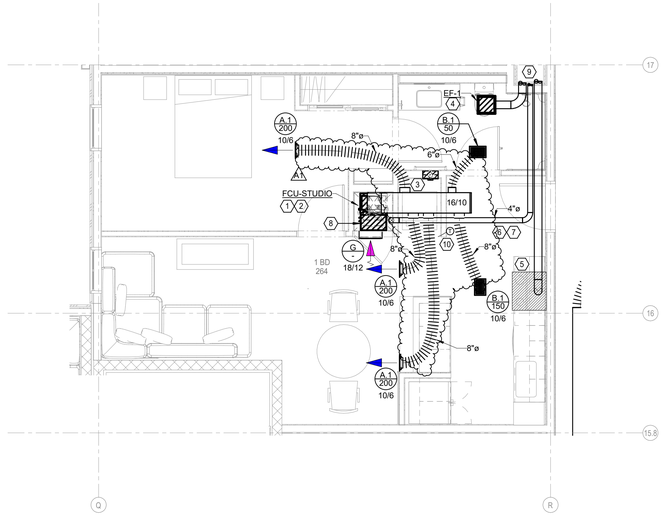

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1 ENLGD. MECHANICAL PLAN - ATYPICAL 1 BED ROOM TYPE 4

Scale: 1/4" = 1'-0"

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Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

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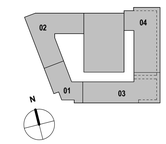

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PROJECT NUMBER
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MECHANICAL - ENL PLANS - A TYP RESIDENTIAL UNITS

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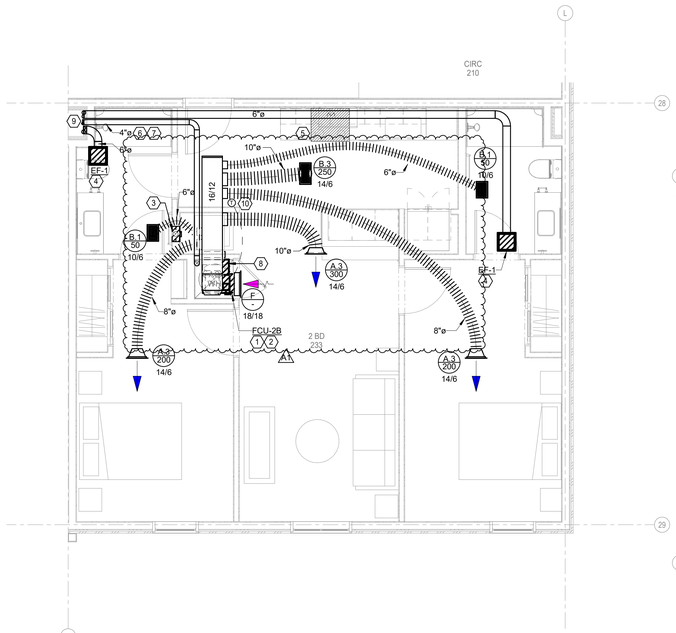

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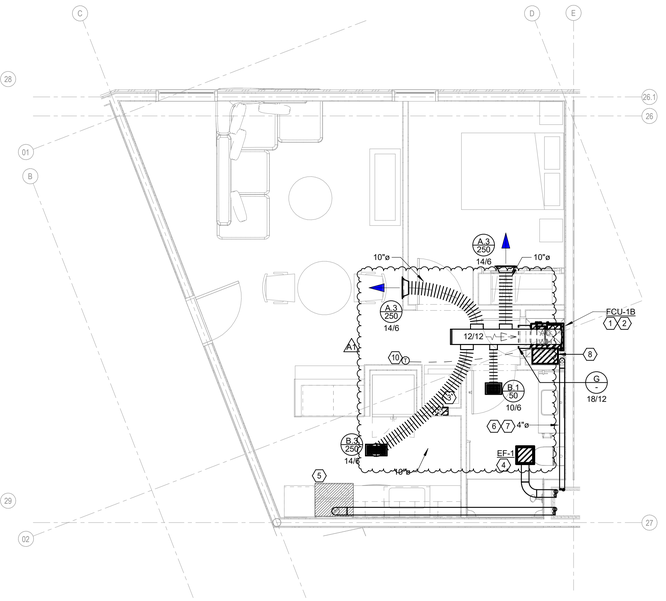
2 ENLARGED MECHANICAL PLAN - ATYPICAL 2 BED ROOM TYPE 1

Scale: 1/4" = 1'-0"



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1 ENLARGED MECHANICAL PLAN - ATYPICAL 1 BED ROOM TYPE 5

Scale: 1/4" = 1'-0"

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GMP DOCUMENTS

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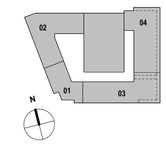
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

MECHANICAL - ENL PLANS - RESIDENTIAL UNITS

Salas O'Brien
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Registration: 0005857
Project No: 2550-00182

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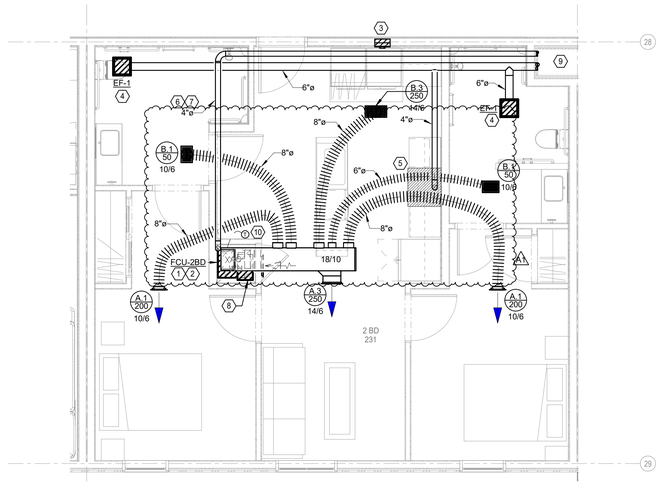
MECHANICAL GENERAL NOTES

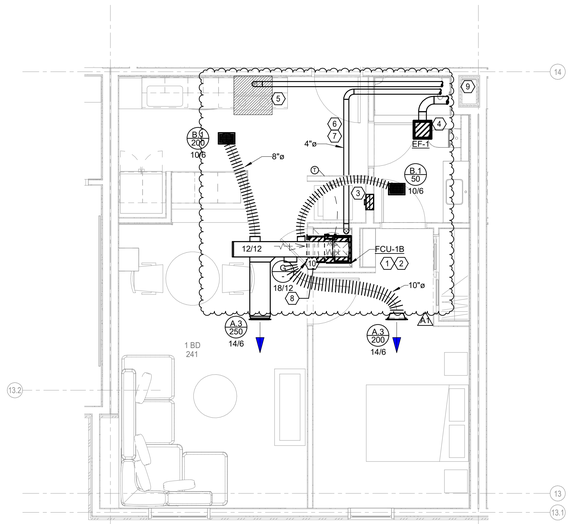
1. ALL NEW WORK AS SHOWN ON CONTRACT DOCUMENTS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES ACCEPTED IN JURISDICTION TO THE SATISFACTION OF THE CODE AUTHORITY HAVING JURISDICTION.
2. COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED AIR TERMINALS AND DEVICES WITH LIGHT FIXTURES AND ALL OTHER CEILING MOUNTED EQUIPMENT. REFER TO ARCHITECT'S LATEST REFLECTED CEILING PLAN AND COORDINATE WITH GENERAL CONTRACTOR AND ENGINEER (IN WRITING) PRIOR TO COORDINATING ANY REVISIONS.
3. ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.
4. SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.
5. ALL CONDENSATE DRAINS SHALL BE FULL SIZED UNLESS NOTED OTHERWISE.
6. PROGRAMMABLE THERMOSTAT SHALL REMAIN IN FAN 'AUTO' MODE.
7. REFER TO DUCTWORK CONSTRUCTION DETAIL FOR DETAIL OF DAMPERS LOCATED IN ACCESSIBLE CEILINGS.

MECHANICAL KEYED NOTES

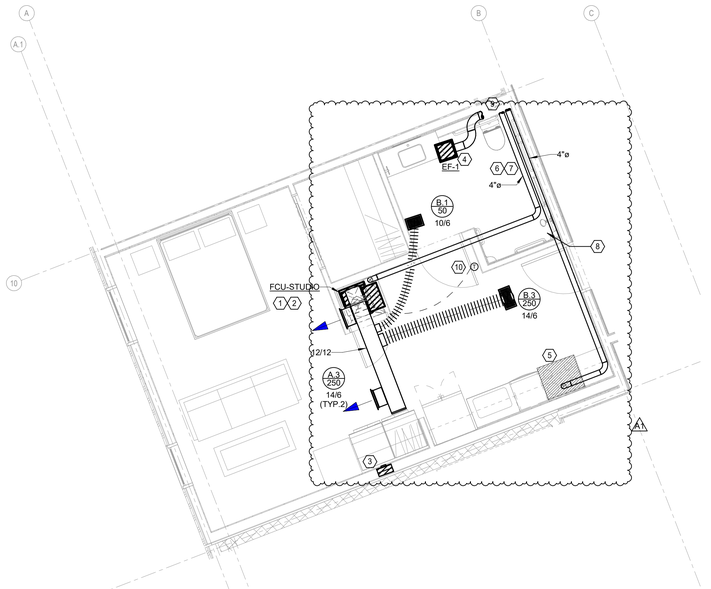
1. ROUTE INSULATED CONDENSATE DRAIN LINE WITH AIR TRAP TO HUB DRAIN LOCATED IN MECHANICAL CLOSET. SIZE PER MANUFACTURER REQUIREMENT. COORDINATE WITH PLUMBING DRAWINGS FOR THE EXACT LOCATION.
2. PROVIDE WITH AUXILIARY DRAIN PAN WITH FLOAT SWITCH. PAN SHALL BE MINIMUM 4" DEEP AND SHALL EXTEND OUT FROM UNDER THE UNIT 6" ON ALL SIDES.
3. DRYER DUCT TO BE ROUTED VERTICAL FROM DRYER TO ROOF. PROVIDE WITH DRYERBOX MODEL DB-480 OR APPROVED EQUAL IN WALL. TERMINATE WITH DRYERJACK ROOF CAP MODEL 486U OR APPROVED EQUAL.
4. EXHAUST DUCT TO BE ROUTED VERTICAL TO BROAN ROOF CAP MODEL 611 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT ON FINISH COLOR AND LOCATION. KEEP MINIMUM 10'-0" FROM ALL BUILDING INLETS. PROVIDE WITH INSECT SCREEN.
5. CONNECT DUCTWORK TO RANGE HOOD. MODIFY DUCTWORK AS REQUIRED.
6. OUTSIDE AIR DUCT TO BE ROUTED VERTICAL TO BROAN ROOF CAP MODEL 611 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT ON FINISH COLOR AND LOCATION. KEEP MINIMUM 10'-0" FROM ALL BUILDING EXHAUST OUTLETS. PROVIDE WITH INSECT SCREEN.
7. PROVIDE UNIT WITH 40 CFM OF OUTSIDE AIR.
8. PROVIDE SANTA FE ULTRA70 DEHUMIDIFIER 115V. MOUNT PER MANUFACTUERER'S REQUIREMENTS.
9. REFER TO DETAIL 2/M4.02 FOR MECHANICAL RISER DIAGRAM OF TYPICAL CHASE.
10. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT INTERLOCKED WITH FCU. THERMOSTAT SHALL BE CAPABLE OF WIFI INTEGRATION.



3 **ENLARGED MECHANICAL PLAN - 2 BD RM ACCESSIBLE UNIT**
Scale: 1/4" = 1'-0"



2 **ENLARGED MECHANICAL PLAN - 1BED 1 BATH ACCESSIBLE**
Scale: 1/4" = 1'-0"



1 **ENLARGED MECHANICAL PLAN - STUDIO ACCESSIBLE**
Scale: 1/4" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

01/29/2026
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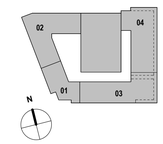
INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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MECHANICAL - ENL PLANS - ACCESSIBLE UNITS

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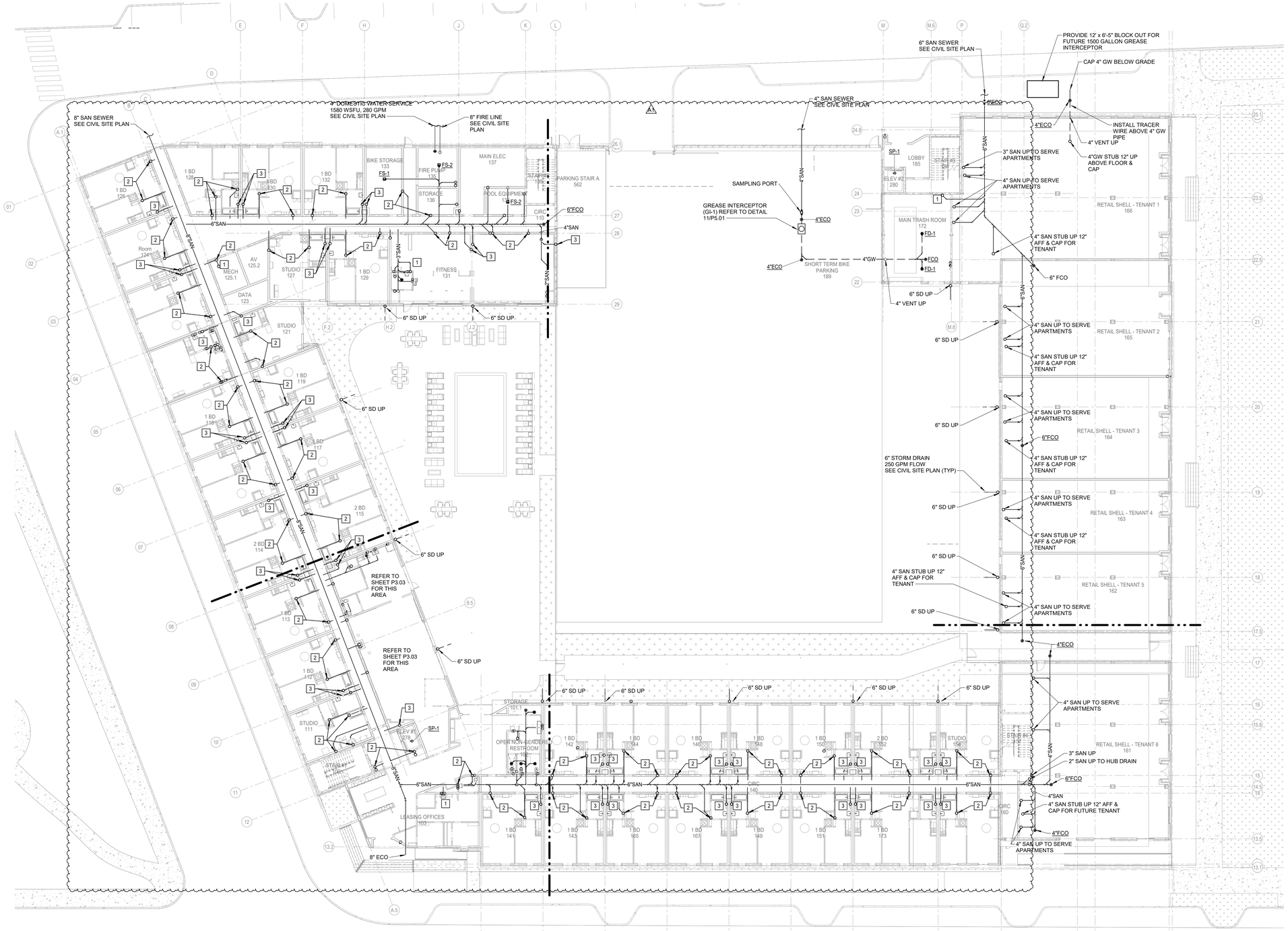
PLUMBING KEYED NOTES

1	2" SANITARY UP.
2	3" SANITARY UP.
3	4" SANITARY UP



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1 LEVEL 01 - OVERALL BLDG PLUMBING PLAN BELOW GRADE

Scale: 1/16" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

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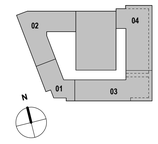
01	AS1.01	2025_MO-DA
A1	Addendum 01	2026_01-30



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PLUMBING - OVERALL PLAN - BELOW GRADE

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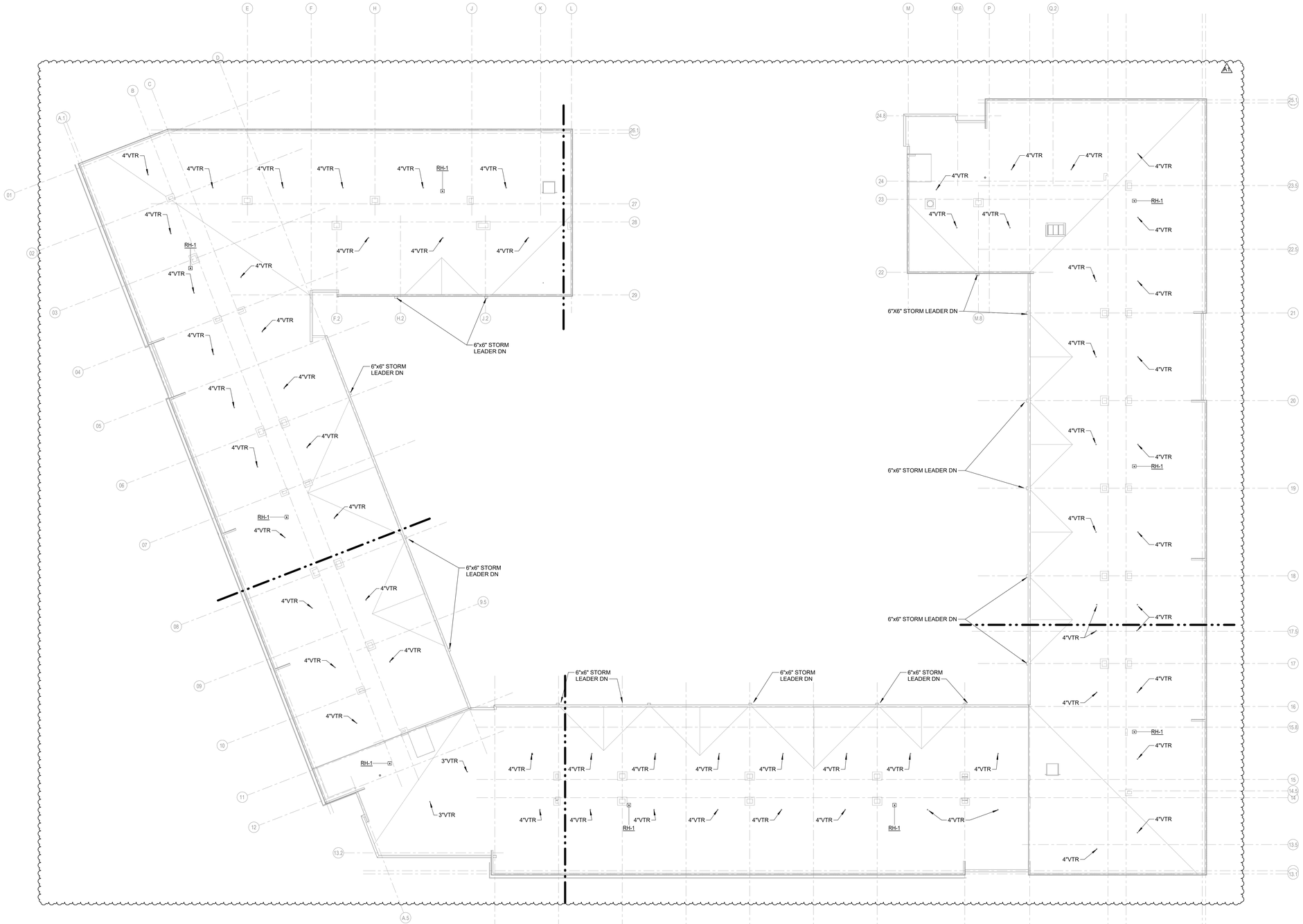

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1 **ROOF - PLUMBING PLAN**
Scale: 1/16" = 1'-0"

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THE RIVANA @ RIVER DISTRICT
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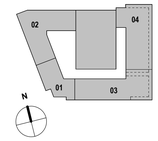

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PLUMBING - OVERALL PLAN - ROOF

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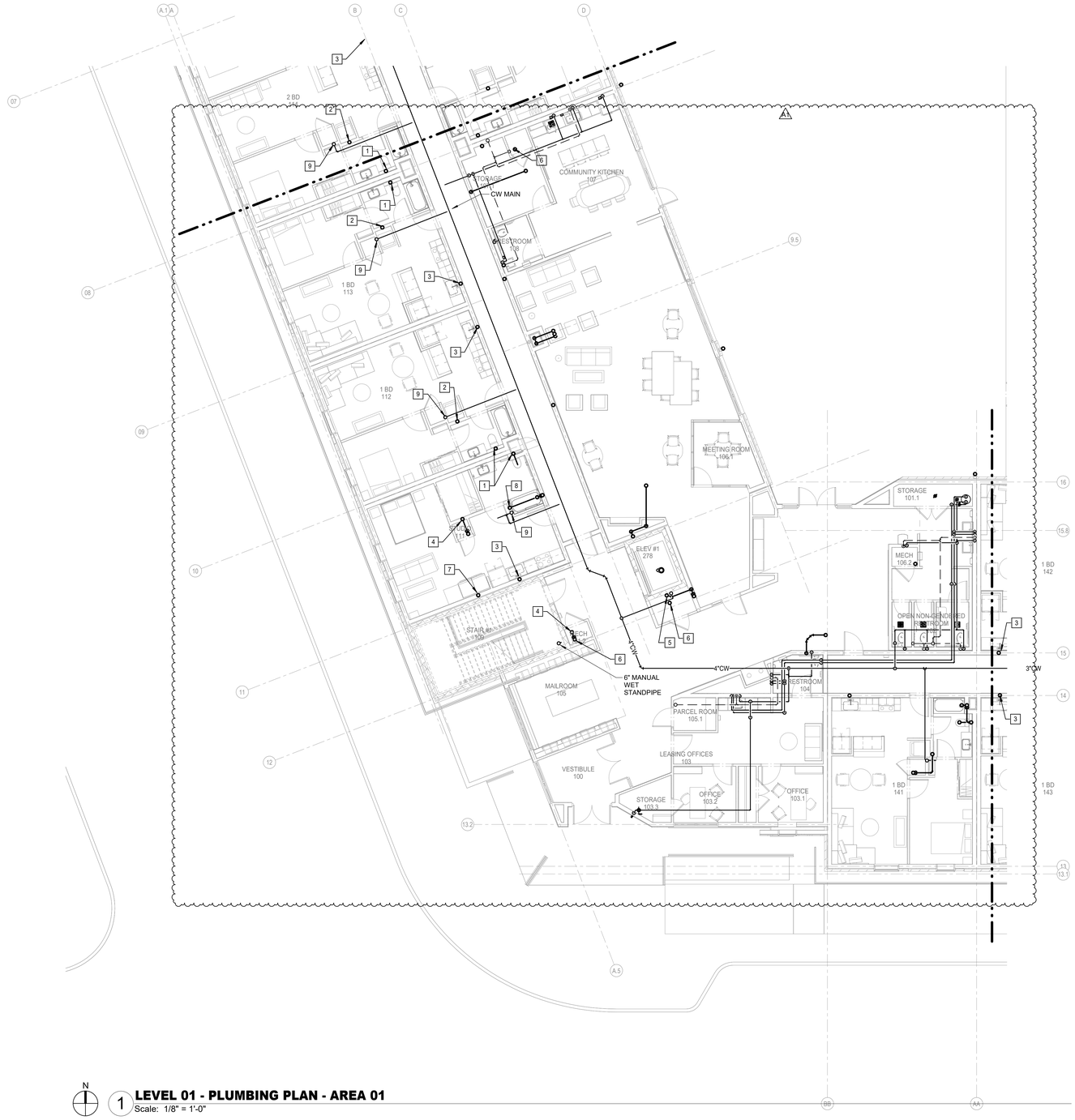

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1 **LEVEL 01 - PLUMBING PLAN - AREA 01**
Scale: 1/8" = 1'-0"

PLUMBING GENERAL NOTES

1.ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.

2.ALL SANITARY PIPING 3" AND LARGER ROUTED AT 1/8" SLOPE PER FOOT UNLESS OTHERWISE NOTED. ALL PIPE LESS THAN 3" SHALL BE ROUTED AT 1/4" SLOPE PER FOOT.

3.EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.

4.CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.

5.PROVIDE A TWO-WAY CLEANOUT AT CIVILS POINT OF CONNECTION. COORDINATE WITH SITE CONTRACTOR FOR ALL SANITARY AND WATER PIPE INVERT ELEVATIONS AT THE BUILDING.

6.CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.

7.CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

8.COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.

9.DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.

10.PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

11.FIRE SEAL ALL PIPING PENETRATIONS OF RATED WALLS AND FLOORS.

12.PIPE PENETRATIONS THRU PLYWOOD SHEATHING ON WALLS SHALL HAVE PLYWOOD OPENING ENLARGED TO ALLOW FOR BUILDING MOVEMENT NOT CONTACTING PIPE. FIRE SEAL OPENING AROUND PIPE.

PLUMBING KEYED NOTES

1	4" WASTE STACK TO SERVE BATHROOM FIXTURES.
2	3" WASTE STACK TO SERVE CLOTHES WASHER AND HUB DRAIN IN MECHANICAL CLOSET.
3	3" WASTE STACK TO SERVE KITCHEN SINKS.
4	3" WASTE STACK TO SERVE HUB DRAINS IN MECHANICAL CLOSETS.
5	3" WASTE STACK TO SERVE ELECTRIC WATER COOLERS AND HUB DRAINS.
6	ROUTE 2" SANITARY UP 4" ABOVE FLOOR FOR HUB DRAIN AND INSTALL TRU GAP FITTING. SEE DETAIL 10/P5.01.
7	3"WASTE STACK TO SERVE CLOTHES WASHERS.
8	3" SANITARY WASTE STACK TO SERVE BATHTUBS
9	1 1/2" CW RISER TO SERVE FLOORS 1 THRU 4

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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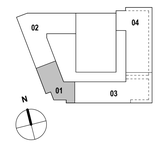

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PLUMBING - AREA PLAN - LEVEL 01, AREA 01

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Project No: 2550-00182

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PLUMBING KEYED NOTES

1	4" WASTE STACK TO SERVE BATHROOM FIXTURES.
2	3" WASTE STACK TO SERVE CLOTHES WASHER AND HUB DRAIN IN MECHANICAL CLOSET.
3	3" WASTE STACK TO SERVE KITCHEN SINKS.
4	3" WASTE STACK TO SERVE HUB DRAINS IN MECHANICAL CLOSETS.
5	3" WASTE STACK TO SERVE ELECTRIC WATER COOLERS AND HUB DRAINS.
6	ROUTE 2" SANITARY UP 4" ABOVE FLOOR FOR HUB DRAIN AND INSTALL TRU GAP FITTING. SEE DETAIL 10/P5.01.
7	3"WASTE STACK TO SERVE CLOTHES WASHERS.
8	3" SANITARY WASTE STACK TO SERVE BATHTUBS
9	1 1/2" CW RISER TO SERVE FLOORS 1 THRU 4

N

1 **LEVEL 01 - PLUMBING PLAN - AREA 02**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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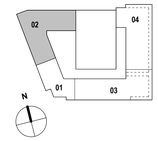

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PLUMBING - AREA PLAN - LEVEL 01, AREA 02

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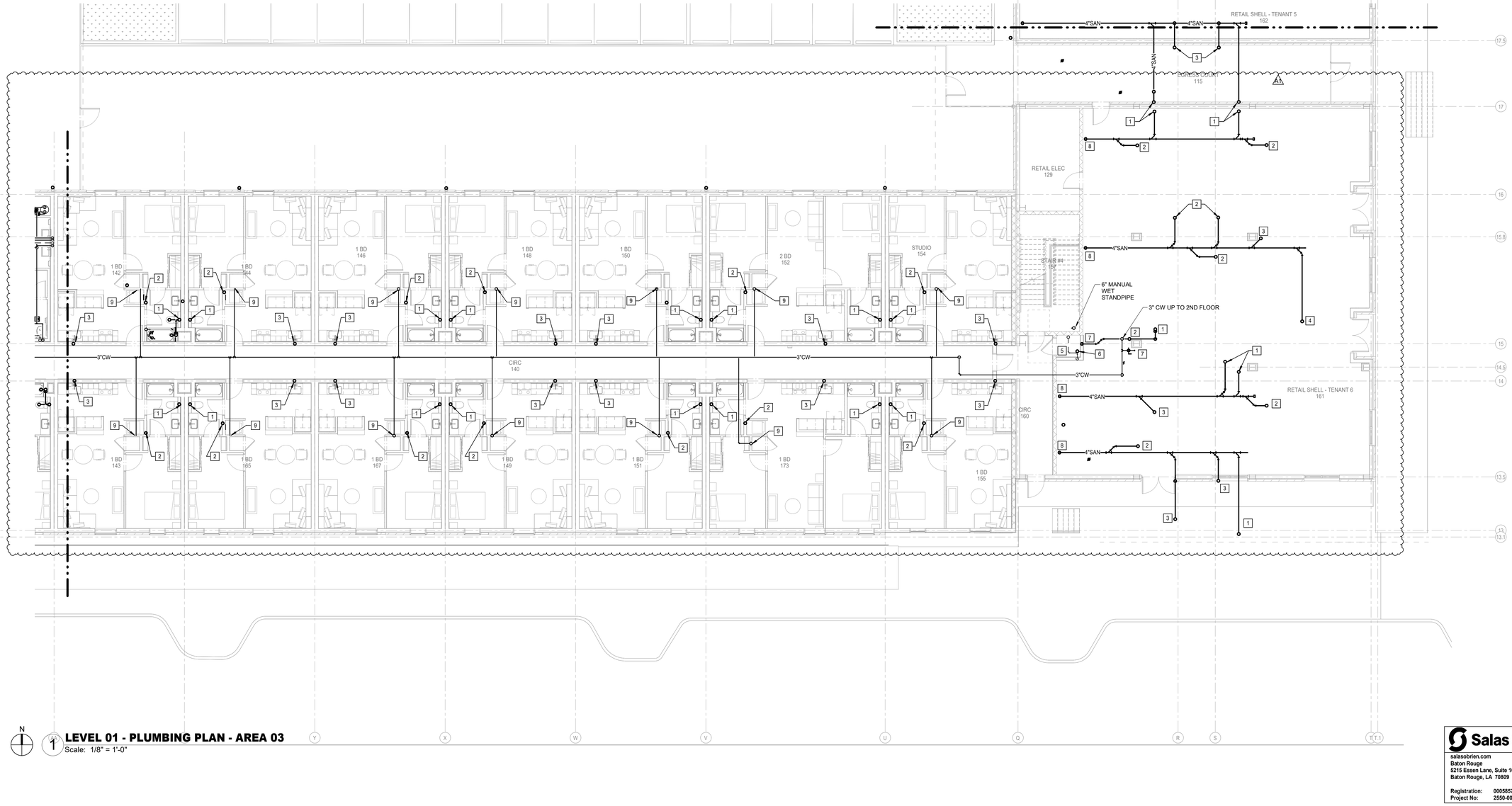
Project No: 2550-00182

P2.12

PLUMBING KEYED NOTES	
1	4" SINGLE WASTE STACK RISER TO SERVE BATHROOM FIXTURES.
2	3" SANITARY WASTE STACK VENT TO SERVE CLOTHES WASHER AND HUB DRAIN IN MECHANICAL CLOSET.
3	3" WASTE STACK TO SERVE KITCHEN SINKS.
4	3" WASTE STACK TO SERVE HUB DRAINS IN MECHANICAL CLOSETS.
5	3" WASTE STACK TO SERVE ELECTRIC WATER COOLERS AND OR HUB DRAINS.
6	ROUTE 2" SANITARY UP 4" ABOVE FLOOR FOR HUB DRAIN AND INSTALL TRU GAP FITTING. SEE DETAIL 10/P5.01.
7	3" SANITARY DOWN TO BELOW FLOOR
8	4" SANITARY DOWN TO BELOW FLOOR.
9	1 1/2" CW RISER TO SERVE FLOORS 1 THRU 4



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1 **LEVEL 01 - PLUMBING PLAN - AREA 03**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
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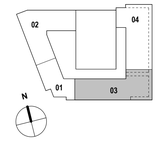

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PLUMBING - AREA PLAN - LEVEL 01, AREA 03

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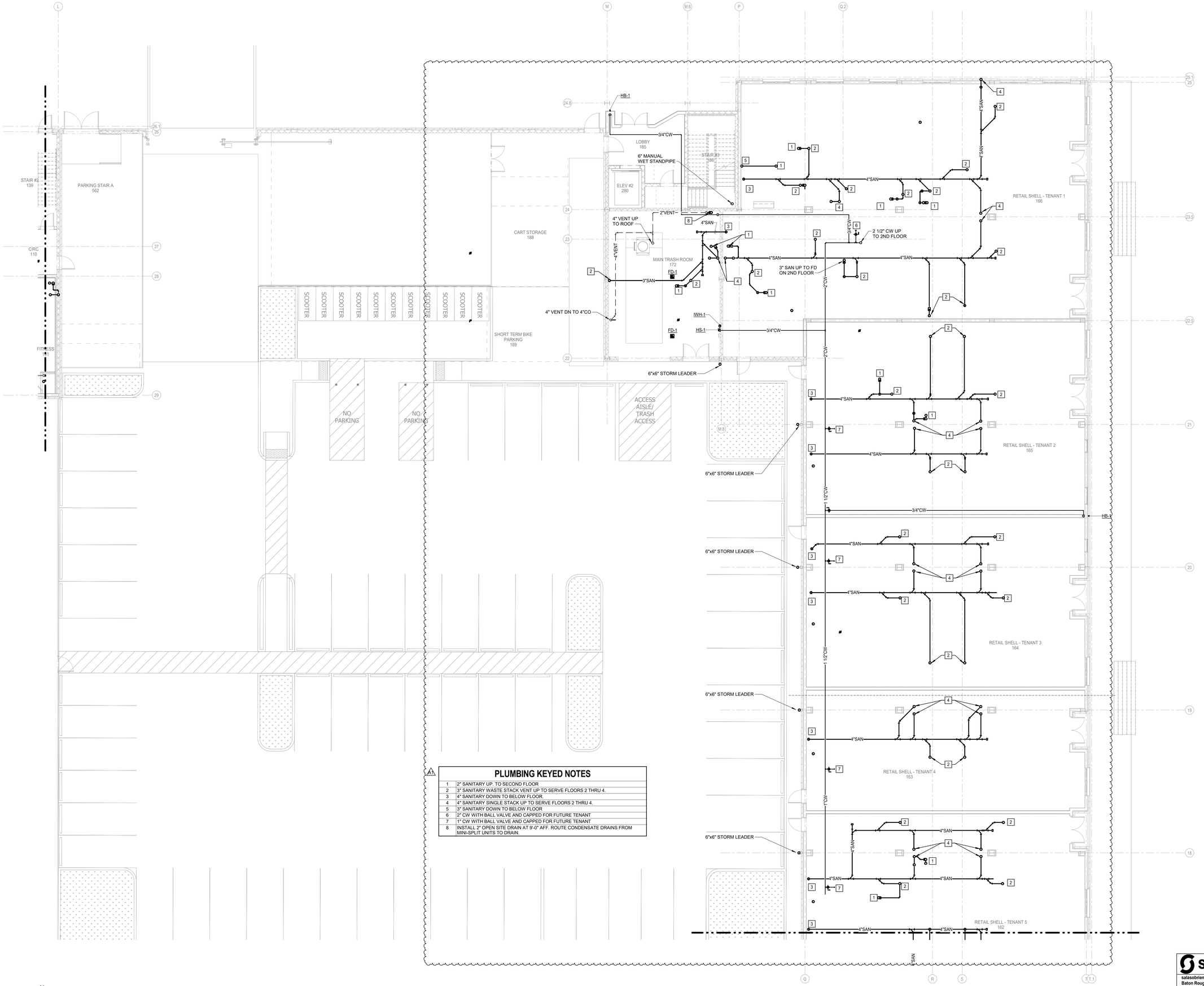

PLUMBING KEYED NOTES

1	2" SANITARY UP. TO SECOND FLOOR
2	3" SANITARY WASTE STACK VENT UP TO SERVE FLOORS 2 THRU 4.
3	4" SANITARY DOWN TO BELOW FLOOR.
4	4" SANITARY SINGLE STACK UP TO SERVE FLOORS 2 THRU 4.
5	3" SANITARY DOWN TO BELOW FLOOR
6	2" CW WITH BALL VALVE AND CAPPED FOR FUTURE TENANT
7	1" CW WITH BALL VALVE AND CAPPED FOR FUTURE TENANT
8	INSTALL 2" OPEN SITE DRAIN AT 9'-0" AFF. ROUTE CONDENSATE DRAINS FROM MINI-SPLIT UNITS TO DRAIN.

N

1 **LEVEL 01 - PLUMBING PLAN - AREA 04**
Scale: 1/8" = 1'-0"

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TRAPOLIN-PEER ARCHITECTS
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OWNER
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504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

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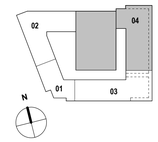
NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PLUMBING - AREA PLAN - LEVEL 01, AREA 04

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Project No: 2550-00182

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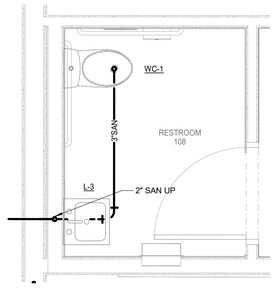

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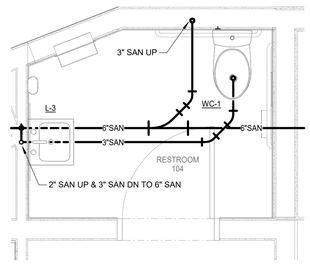
6 ENLG PLUMBING PLAN - RESTROOM 108 BG

Scale: 1/2" = 1'-0"



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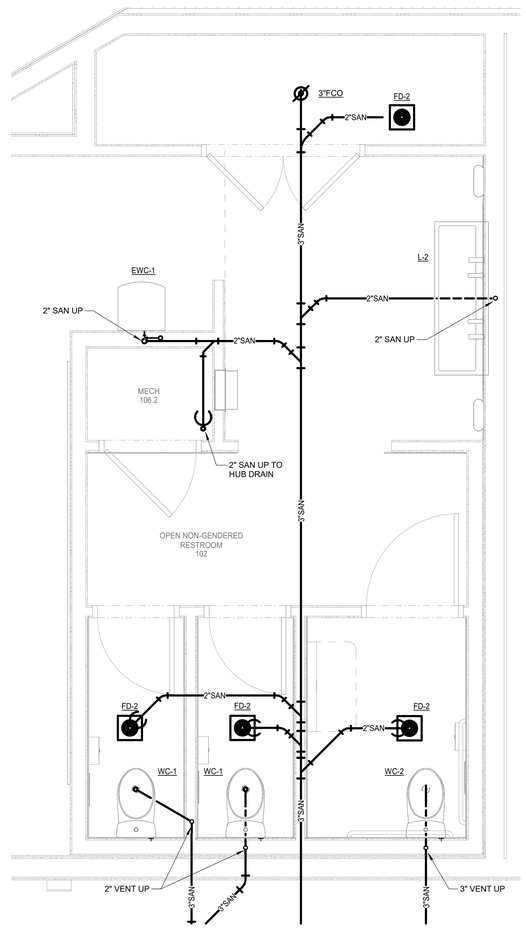
5 ENLG PLUMBING PLAN - RESTROOM 104 BG

Scale: 1/2" = 1'-0"



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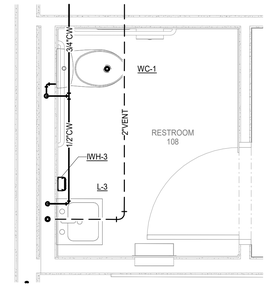
4 ENLG PLUMBING PLAN - PUBLIC RESTROOMS BG

Scale: 1/2" = 1'-0"



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3 ENLG PLUMBING PLAN - RESTROOM 108

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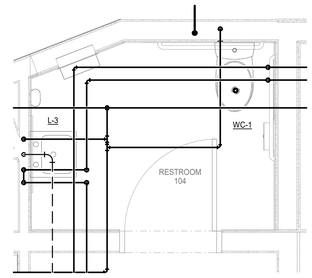

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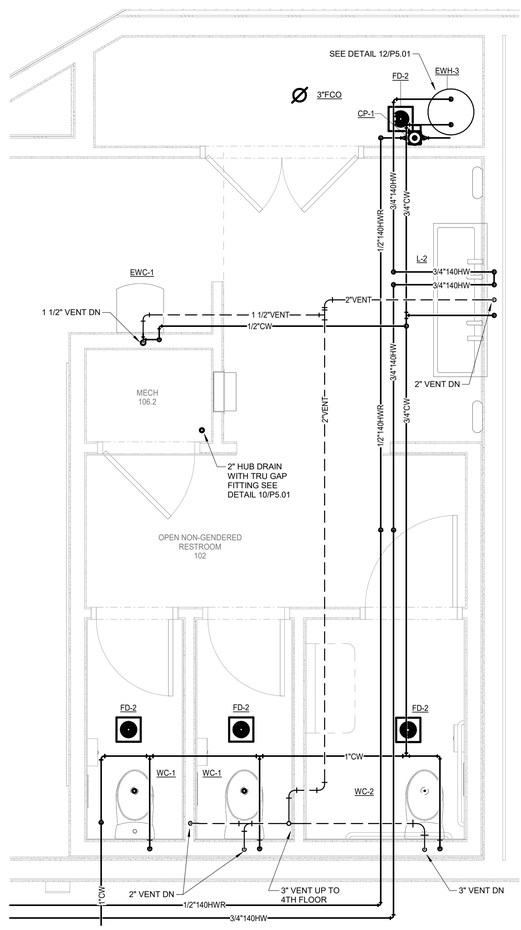
2 ENLG PLUMBING PLAN - RESTROOM 104

Scale: 1/2" = 1'-0"



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1 ENLG PLUMBING PLAN - PUBLIC RESTROOMS

Scale: 1/2" = 1'-0"

A1

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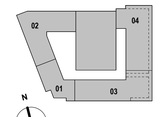

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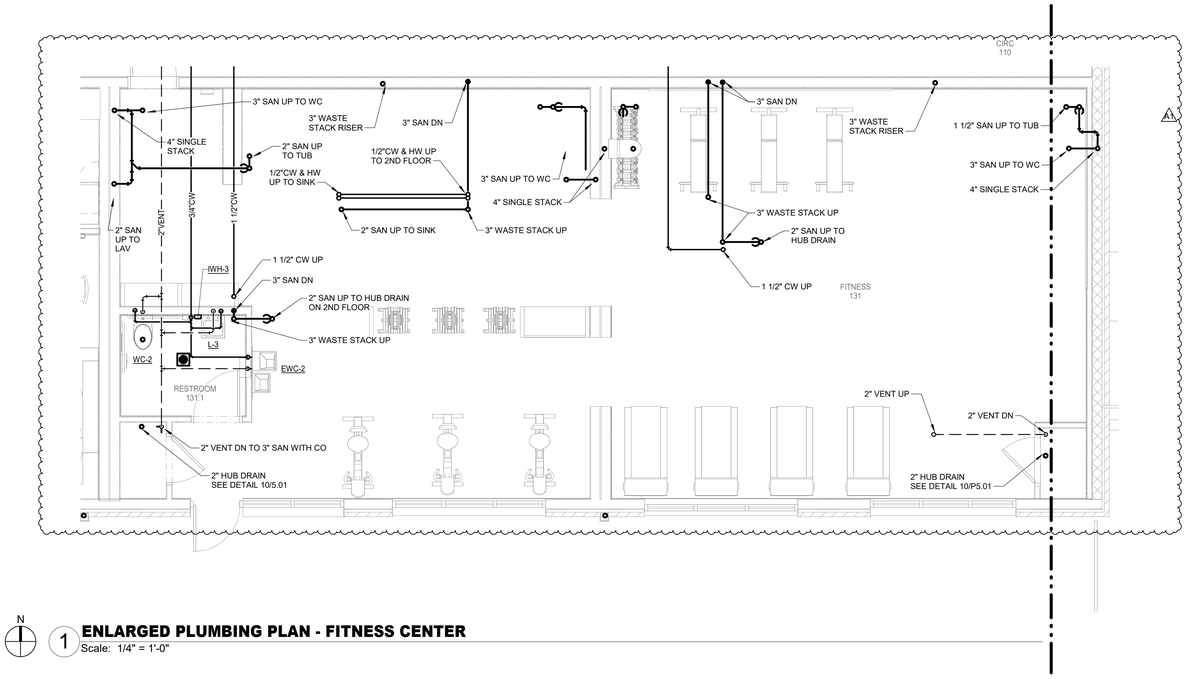

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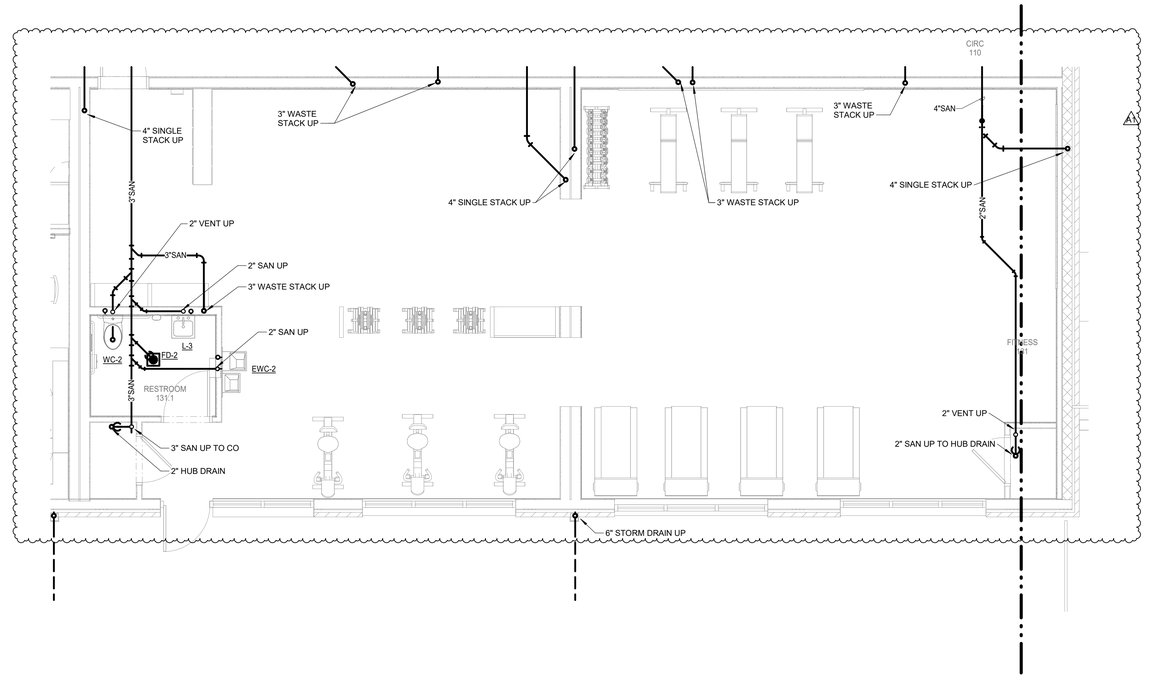
1 ENLARGED PLUMBING PLAN - FITNESS CENTER

Scale: 1/4" = 1'-0"



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2 ENLARGED PLUMBING PLAN - FITNESS CENTER BG

Scale: 1/4" = 1'-0"

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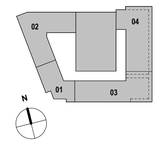

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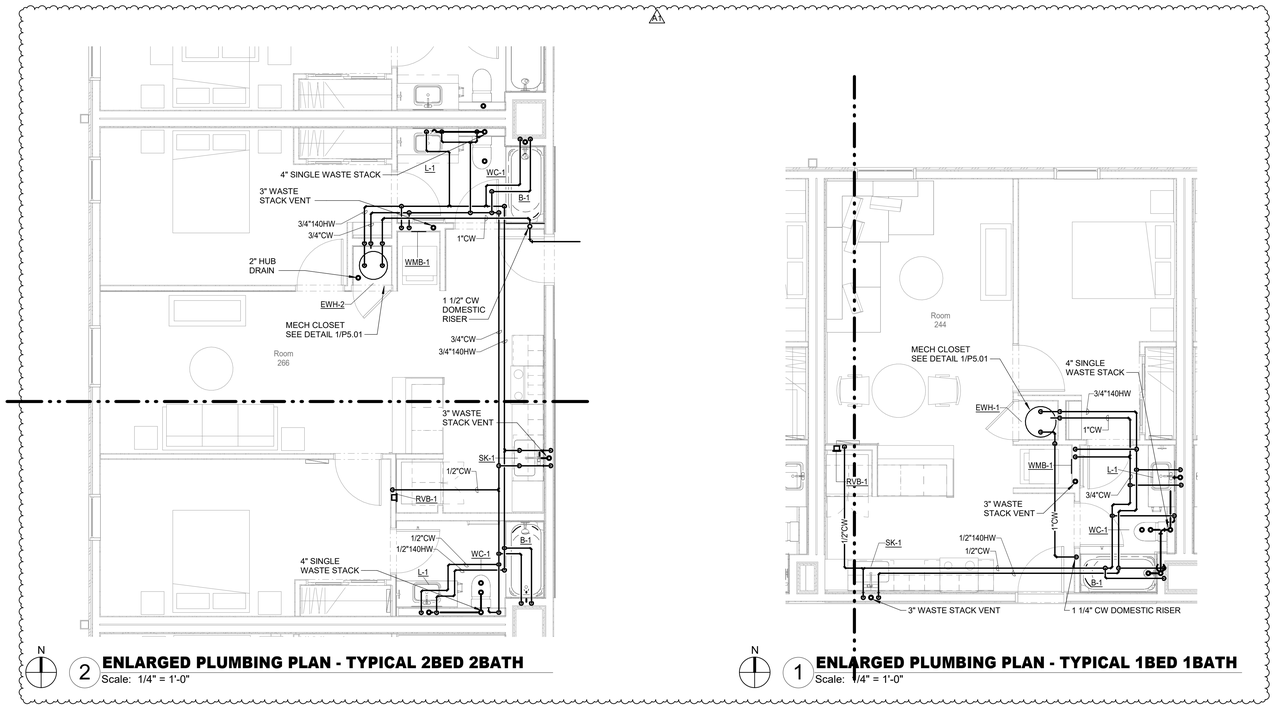

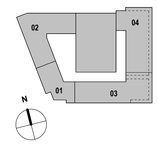

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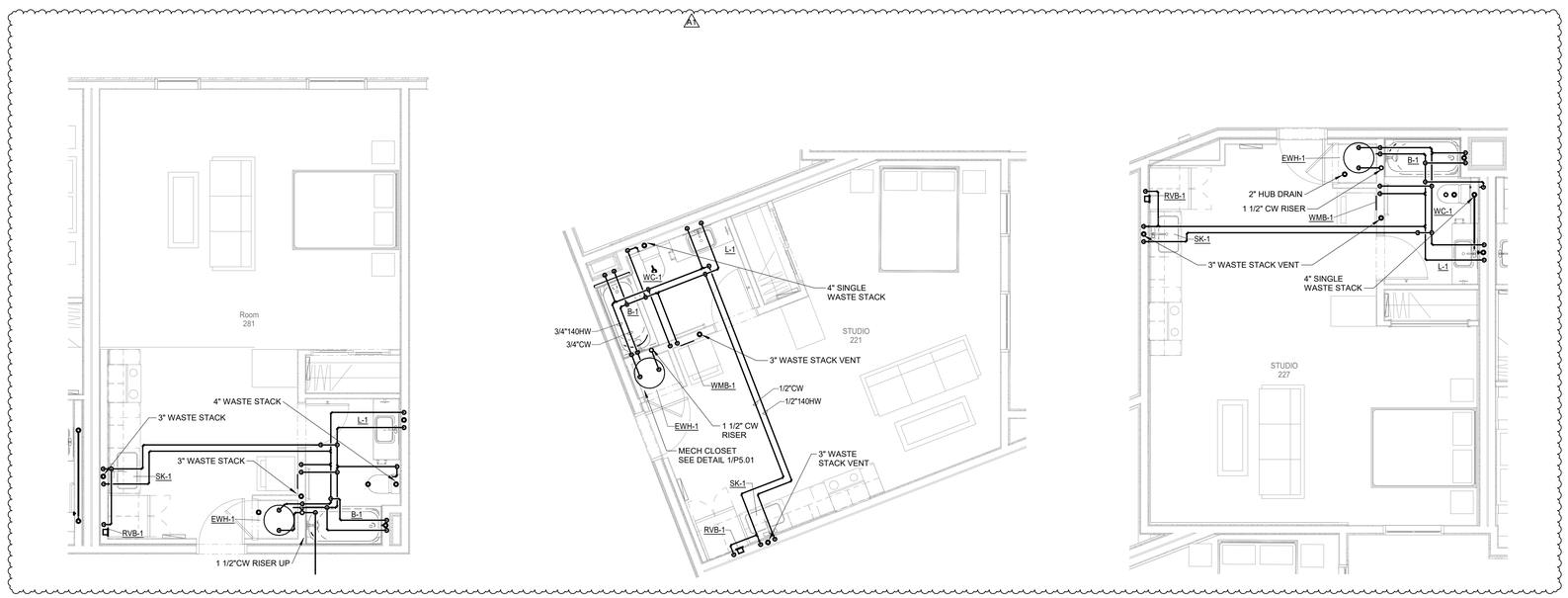
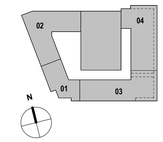


N 3 **ENLARGED PLUMBING PLAN - TYPICAL STUDIO**
Scale: 1/4" = 1'-0"

N 2 **ENLARGED PLUMBING PLAN - ATYPICAL STUDIO TYPE 1**
Scale: 1/4" = 1'-0"

N 1 **ENLARGED PLUMBING PLAN - ATYPICAL STUDIO TYPE 2**
Scale: 1/4" = 1'-0"



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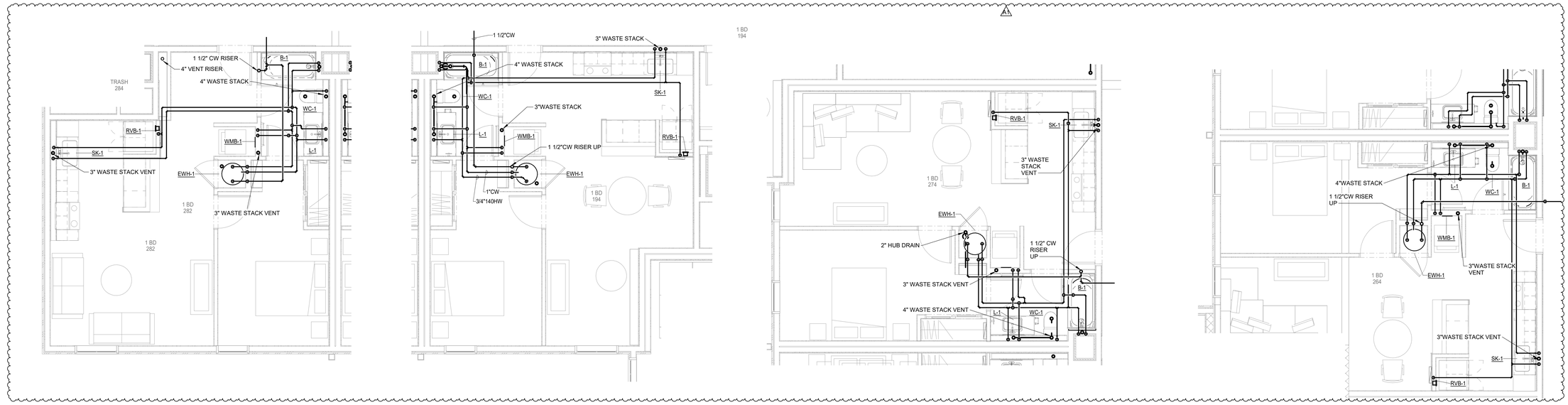
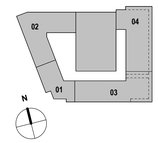


N **4 ENLGD. PLUMBING PLAN - ATYPICAL 1 BED ROOM TYPE 1**
Scale: 1/4" = 1'-0"

N **3 ENLGD. PLUMBING PLAN - ATYPICAL 1 BED ROOM TYPE 2**
Scale: 1/4" = 1'-0"

N **2 ENLGD. PLUMBING PLAN - ATYPICAL 1 BED ROOM TYPE 3**
Scale: 1/4" = 1'-0"

N **1 ENLGD. PLUMBING PLAN - ATYPICAL 1 BED ROOM TYPE 4**
Scale: 1/4" = 1'-0"



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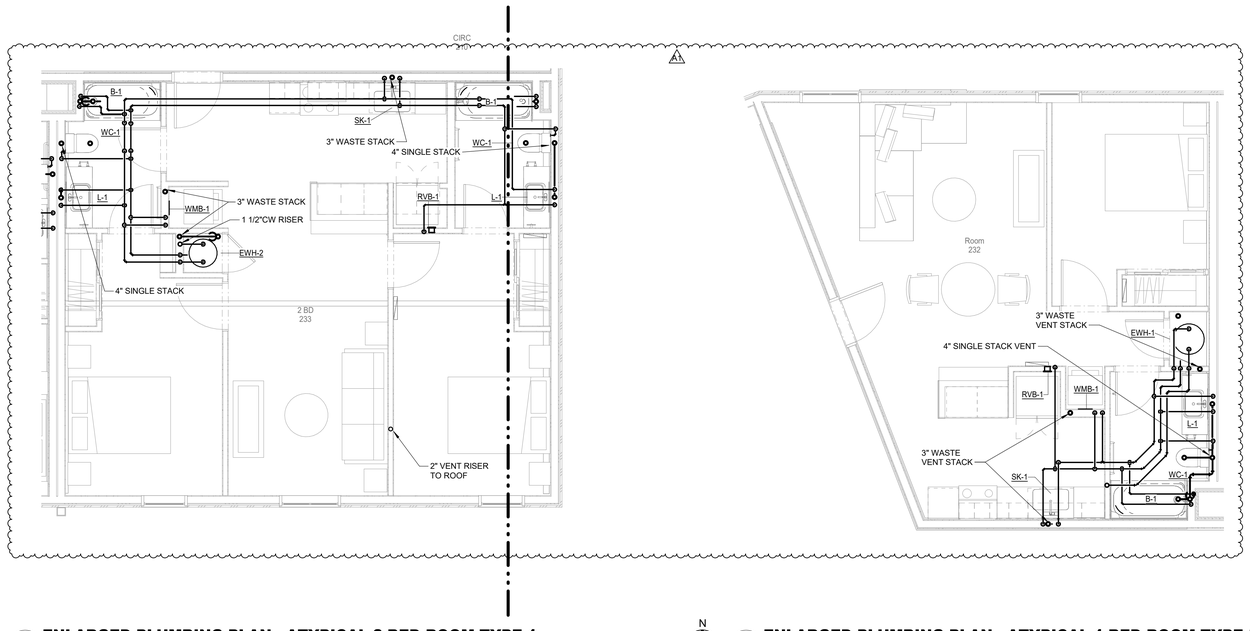

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2 ENLARGED PLUMBING PLAN - ATYPICAL 2 BED ROOM TYPE 1

Scale: 1/4" = 1'-0"

N

1 ENLARGED PLUMBING PLAN - ATYPICAL 1 BED ROOM TYPE 5

Scale: 1/4" = 1'-0"

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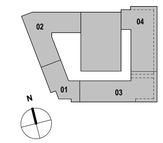

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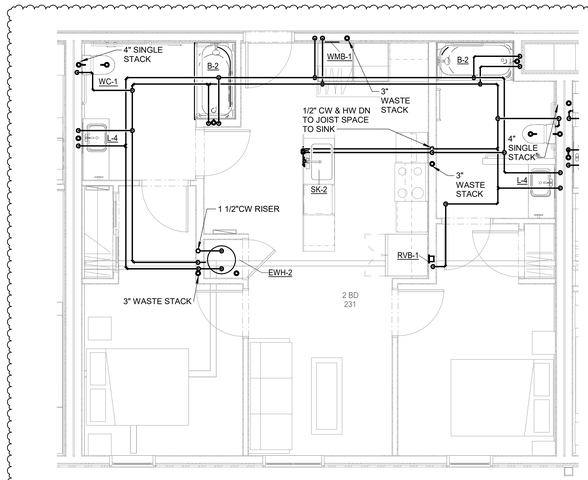

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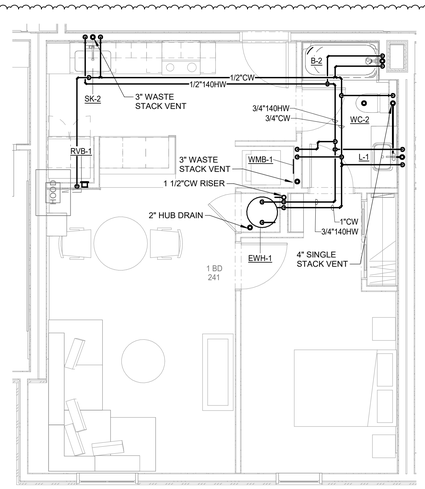
3 **ENLARGED PLUMBING PLAN - 2 BD RM ACCESSIBLE UNIT**
Scale: 1/4" = 1'-0"



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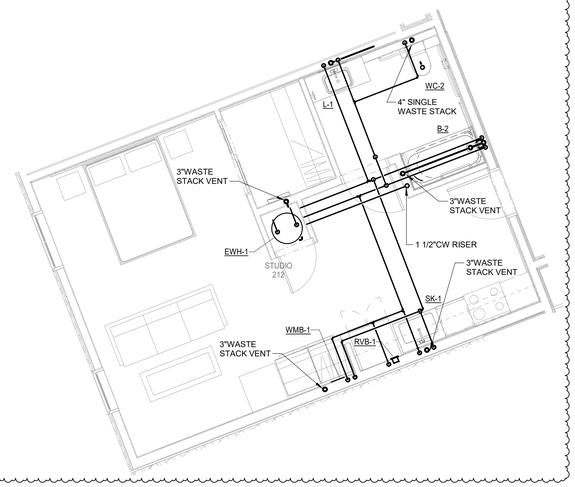
2 **ENLARGED PLUMBING PLAN - 1BED 1 BATH ACCESSIBLE**
Scale: 1/4" = 1'-0"



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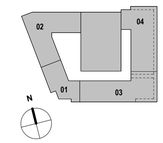
1 **ENLARGED PLUMBING PLAN - STUDIO ACCESSIBLE**
Scale: 1/4" = 1'-0"



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PLUMBING FIXTURE SCHEDULE

TYPE	FIXTURE	Manufacturer	MODEL	MOUNT	CW Diameter	HW Diameter	SS Diameter	Vent Diameter	FIXTURE DESCRIPTION
4"ECO	EXTERIOR CLEANOUT	ZURN	Z1474-N-VP	GRADE			4"		EXTERIOR CLEANOUT TO GRADE, CAST IRON HOUSING, ANCHOR FLANGES, GASKET SEAL, ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. PROVIDE CLEANOUT FERRULE Z1440.
6"ECO	EXTERIOR CLEANOUT	ZURN	Z1474-N-VP				6"		DOUBLE EXTERIOR CLEANOUT TO GRADE, CAST IRON HOUSING, ANCHOR FLANGES, GASKET SEAL, ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. PROVIDE CLEANOUT FERRULE Z1440.
FCO	FLOOR CLEANOUT	ZURN	ZN1400-HD-VP				<varies>		FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED NICKEL BRONZE COVER WITH VANDAL-PROOF SCREWS.
DRAINAGE FIXTURE (CO, FD, FS, HD, TD)									
FD-1	FLOOR DRAIN	ZURN	Z520-HP-VP	FLOOR			3"		GENERAL USE HEAVY DUTY FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 9.5" DIAMETER SLOTTED CAST IRON GRATE WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. TRAP SEAL: PROVIDE RECTORRESEAL TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.
FD-2	FLOOR DRAIN	ZURN	ZN415-BZ1-VP				2"		RESTROOMS DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 6" DIAMETER NICKEL BRONZE STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. TRAP SEAL: PROVIDE RECTORSEAL TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / FLOOR CONSTRUCTION.
FS-1	FLOOR SINK	ZURN	ZN1910-K-23				3"		SERVICE:BIKE STORAGE DESCRIPTION: CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM SEDIMENT BUCKET, FULL BRONZE TOP, CLAMPING DEVICE. TRAP SEAL: PROVIDE RECTORSEAL TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS / EQUIPMENT PLACEMENT.
FS-2	FLOOR SINK	ZURN	ZN1910-K-2-23				4"		SERVICE: GENERAL DESCRIPTION: CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM SEDIMENT BUCKET, 1/2 NICKEL BRONZE TOP, CLAMPING DEVICE. TRAP SEAL: PROVIDE RECTORSEAL TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND MANUFACTURER. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS / EQUIPMENT PLACEMENT.
DRINKING FOUNTAIN (EDF)									
EWC-1	ELECTRIC WATER COOLER	ELKAY	LZS8WSSP	WALL	1/2"		2"	1 1/2"	WALL HUNG, BARRIER FREE, SINGLE ELECTRIC DRINK FOUNTAIN WITH ELECTRONIC BOTTLE FILLER SENSOR, WATER FILTER, 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. PROVDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES. P-TRAP: 1-1/4" PVC P-TRAP AND EXTENSION TO WALL WITH ESCUTCHEON. SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165. CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. MIFAB MC-31. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.
EWC-2	ELECTRIC WATER COOLER	ELKAY	LZSTL8WSSP	<varies>	1/2"		2"	1 1/2"	WALL HUNG, BARRIER FREE, BI-LEVEL ELECTRIC DRINK FOUNTAIN WITH ELECTRONIC BOTTLE FILLER SENSOR, WATER FILTER. 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. PROVDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES. P-TRAP: 1-1/2" PVC P-TRAP AND EXTENSION TO WALL WITH ESCUTCHEON. SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165. CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. MIFAB MC-33. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.
FIXTURES									
					4"				EDIT PER PROJECT!! FDC SIAMESE CONNECTION
B-1	BATHTUB	PROFLO	PFB16RWH	FLOOR	1/2"	1/2"	1 1/2"		COLOR WHITE, ENAMELED STEEL, 60"Lx30"Wx16 5/8" D, 3-WALL ALCOVE INSTALL, SLIP RESISTANT TEXTURED BOTTOM. TRIM: PROFLO ORIS PF8830GCP, INCLUDES SHOWER HEAD, TUB SPOUT, CONTROL LEVER, 1.75 GPM, CHROME FINISH. PROVIDE PROFLO PF4001 PRESSURE BALANCE MIXING VALVE WITH INTEGRAL STOPS, ADJUSTABLE TEMP LIMIT STOPS. DRAIN: PROFLO PFWO400 SERIES BRASS LIFT & TURN DRAIN, CHROME ROUGH-IN: PROVIDE PVC P-TRAP. COORDINATE INSTALLATION WITH GC.
B-2	<varies>	PROFLO	PFB16RWH	FLOOR	1/2"	1/2"	1 1/2"		ADA COMPLIANT, COLOR WHITE, ENAMELED STEEL, 60"Lx30"Wx16 5/6" D, 3-WALL ALCOVE INSTALL, SLIP RESISTANT TEXTURED BOTTOM. TRIM: PROFLO PF8830GCP, INCLUDES SHOWER HEAD, TUB SPOUT, CONTROL LEVER, 1.75 GPM, CHROME FINISH. PROVIDE PROFLO PFHSKC207GCP SLIDE BAR KIT WITH HAND SHOWER. PROVIDE PROFLO PF4001 PRESSURE BALANCE MIXING VALVE WITH INTEGRAL STOPS, ADJUSTABLE TEMP LIMIT STOPS. DRAIN: PROFLO PFWO400 SERIES BRASS LIFT & TURN DRAIN, CHROME ROUGH-IN: PROVIDE PVC P-TRAP. COORDINATE INSTALLATION WITH GC.
IMC-1	ICE MAKER CONNECTION	SIOUX CHIEF	696RG1010WF	WALL	1/2"				ICE MACHINE CONNECTION, FIRE RATED ABS BOX WITH INTEGRAL BALL VALVE AND HAMMER ARRESTOR. PROVIDE BACKFLOW PREVENTER WATTS 1/4" BACKFLOW PREVENTER. ROUGH-INS: COORDINATE ROUGH-IN LOCATION/HEIGHT, FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECT/CASEWORK DRAWINGS.
RVB-1	<varies>	SIOUX CHIEF	696RG1010WF	<varies>	1/2"				DESCRIPTION: FIRE RATED RECESSED VALVE BOX, 1/2" CONNECTION WITH BALL VALVE AND INTEGRAL HAMMER ARRESTOR, 1/4" OUTLET. ROUGH-IN: COORDINATE ROUGH-IN LOCATION/HEIGHT, FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECT/CASEWORK DRAWINGS.
WMB-1	<varies>	SIOUX CHIEF	696RG2313WF	<varies>	1/2"	1/2"	2"	2"	CLOTHES WASHING MACHINE DRAIN BOX, FIRE RATED BOX WITH FINISH FLANGE, 1/4 TURN BALL VALVE WITH INTEGRAL HAMMER ARRESTOR WATER SUPPLY CONNECTIONS AND DRAIN FITTING. (36" - 42" AFF). ROUGH-IN: COORDINATE ROUGH-IN LOCATION/HEIGHT, FINAL CONNECTION WITH EQUIPMENT BEING INSTALLED AND WITH ARCHITECT/CASEWORK DRAWINGS.
HYDRANTS (HB, RH, WH)									
HB-1	EXTERIOR HOSE BIBB	WOODFORD	MODEL 30	WALL					EXTERIOR HOSE BIBB, FREEZELESS, AUTOMATIC DRAINING, BRASS FINISH WITH ASSE 1052 BACKFLOW PREVENTER. 3/4" TREADED HOSE OUTLET. PROVIDE TEE KEY HANDLE. INSTALL WITH BOTTOM OF HYDRANT 24" A.F.F. ROUGH-INS: 3/4" COLD WATER. COORDINATE WITH OWNER AND ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS AND LOCATIONS.
HS-1	HOSE STATION	SUPERKLEEN	3600BM-B-T	WALL	3/4"	3/4"			SERVICE: MIXING STATION TRASH ROOM DESCRIPTION: WALL MOUNTED HOSE STATION WITH VERTICAL3/4" HOT AND COLD INLETS, BALL VALVES, CHECK VALVES, TEMPERATURE GAUGE, MIXING VALVE, 3/4" THREADED OUTLET, MOUNTING PLATE. HOSE RACK. PROVIDE 3/4" THREADED HOSE CONNECTION. ROUGH-IN: INSTALL WITH OUTLET AT 36" A.F.F. OR AS DIRECTED BY ARCHITECT/OWNER.
RH-1	ROOF HYDRANT	WOODFORD	SRH-MS	ROOF	1"				FREEZELESS ROOF HYDRANT WITH HYDRANT SUPPORT AND UNDER DECK FLANGE, 3/4" HOSE CONNECTION WITH DUAL CHECK BACKFLOW PREVENTER ASSE 1052 LISTED, NO DRAIN REQUIRED.
LAVATORY (L)									
L-1	LAVATORY	PROFLO	PF1812UWH	UNDERCOUNTER	1/2"	1/2"	2"	2"	COLOR WHITE, NORRIS 21" UNDERMOUNT RECTANGULAR VITREOUS CHINA, REAR DRAIN, FRONT OVERFLOW HOLES. FAUCET: PROFLO PFWS2885WSCP, CHROME SINGLE HANDLE, 1.2 GPM, METAL PUSH POP-UP DRAIN ASSEMBLY, SUPPLY LINES, ADA COMPLIANT. SINGLE MOUNTING HOLE. SUPPLIES: PROFLO 1/4 TURN, CHROME PLATED STOPS. PROVIDE WALL ESCUTCHEONS. DRAIN: PROFLO PFPTWB106 P-TRAP WITH WALL EXTENSION, CLEANOUT, 17 GA BRASS CHROME PLATED, ESCUTCHEON, 1 1/4" x 1 1/2". THERMOSTATIC MIXING VALVE: WATTS LFMMV, ASSE 1070. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED LOCATIONS AND COORDINATE WITH MILLWORK OPENINGS.
L-2	LAVATORY STATION	BRADLEY	VERGE LVAD2	WALL	1/2"	1/2"	2"	2"	2-STATION LAVATORY, SOLID SURFACE BASIN, REAR TRENCH DRAIN TO ONE DRAIN CONNECTION WITH 2 FAUCETS AND 2 SOAP DISPENSERS, TOUCH-FREE ACTIVATION, THERMOSTATIC MIXING ASSEMBLY, FLOW CONTROL TYPE 3 (0.35 GPM), FAUCET FINISH POLISHED CHROME. FAUCETS: BRADLEY CRESTT S53-3100. SOAP DISPENSER BRADLEY CRESTT 6-3100: SENSOR TYPE WITH PLUG-IN TRANSFORMER (AC). TRENCH DRAIN CAP TYPE DR2, ACCESS PANEL TYPE (STAIN) WITH ACCESS PANEL FASTENER TYPE VS, WASTE ASSEMBLY TYPE S-POLY. BRADLEY FLOOR MOUNT CARRIER S17-392. COLOR: ALL AVAIABLE COLORS FOR SELECTION BY ARCHITECT. ROUGH-IN: COORDINATE WITH ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
L-3	PUBLIC LAVATORY	PROFLO	PF5711WH	WALL	1/2"	1/2"	2"	2"	ADA COMPLIANT, COLOR WHITE, RECTANGULAR VITREOUS CHINA, REAR DRAIN, REAR OVERFLOW HOLES, SINGLE FAUCET HOLE, FAUCET: PROFLO MODEL PFXE100CP, GOOSENECK, SENSOR OPERATED 120V TRANSFORMER PLUG-IN, BATTERY BACKUP, 0.5 GPM FLOW. SUPPLIES: PROFLO LEAD-FREE 1/4 TURN SUPPLY STOPS WITH BRAIDED STAINLESS STEEL FLEXIBLE SUPPLY LINES. DRAIN: GRID STRAINER WITH TAILPIECE AND 17 GA BRASS CHROME PLATEDP-TRAP WITH WALL EXTENSION, CLEANOUT, ESCUTCHEON. THERMOSTATIC MIXING VALVE: WATTS LFMMV, ASSE 1070. ACCESSORIES: TRUEBRO LAV GUARD2 E-Z SERIES INSULATED PIPE COVERS FOR WASTE AND WATER. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED FIXTURE HEIGHT. COORDINATE POWER WITH EC.
L-4	ADA LAVATORY	SLOAN	ELC-81000	WALL	1/2"	1/2"	2"	2"	COLOR WHITE, RECTANGULAR SOLID SURFACE, WALL MOUNT, REAR DRAIN, UNDER COUNTER ACCESS PANEL, SINGLE FAUCET HOLE FAUCET: SUPPLIES: PROFLO LEAD-FREE 1/4 TURN SUPPLY STOPS WITH BRAIDED STAINLESS STEEL FLEXIBLE SUPPLY LINES. DRAIN: GRID STRAINER WITH TAILPIECE AND 17 GA BRASS CHROME PLATEDP-TRAP WITH WALL EXTENSION, CLEANOUT, ESCUTCHEON. THERMOSTATIC MIXING VALVE: WATTS LFMMV, ASSE 1070. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED FIXTURE HEIGHT. COORDINATE POWER WITH EC.
MOP SINK (MS)									
MS-1	MOP SINK	FIAT	TSBC1610	FLOOR	1/2"	1/2"	3"	2"	ONE PIECE PRECAST TERRAZZO, NEO-CORNER TYPE, 6" DROP FRONT, STAINLESS STEEL THRESHOLD CAP, INTEGRAL STAINLESS STEEL DRAIN STRAINER, 32"x32"x12". FAUCET: CHICAGO FAUCETS 445-897 SRCXKCP, WALL MOUNT ACCESSORIES: FIAT 832AA HOSE & BRACKET, MSG3232 SS WALL GUARDS, QDC32 DRAIN CONNECTOR.
SINK (HS, SK)									
SK-1	KITCHEN SINK	PROFLO	PFUC308A	UNDERMOUNT	1/2"	1/2"	2"	1 1/2"	SINGLE COMPARTMENT SINK, UNDERMOUNT, 18 GAUGE TYPE 304 STAINLESS STEEL, 29.75" X 18" X 9" DEEP, CENTER REAR DRAIN. FAUCET: PROFLO PFXC4027CP, ADA COMPLIANT, CHROME PLATED, SINGLE HANDLE, PULL DOWN SPRAYER, MAX FLOW 1.5 GPM. STRAINER: PROFLO PF1435SS, STAINLESS STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. P-TRAP: PROFLO PFPTB107, 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEX RISERS. PROFLO PFXQAS32C. ROUGH-INS: PROVIDE HW AND DRAIN CONNECTIONS TO ADJACENT DISHWASHER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. COORDINATE WITH MILLWORK FOR OPENINGS.
SK-2	ADA KITCHEN SINK	PROFLO	PFUC308A6	UNDERMOUNT	1/2"	1/2"	2"	1 1/2"	ADA COMPLIANT,UNDER MOUNTED, 18 GAUGE TYPE 304 STAINLESS STEEL, 29.75" X 18" X 6" DEEP. CENTER REAR DRAIN. FAUCET: PROFLO PFXC4027CP, ADA COMPLIANT, CHROME PLATED, SINGLE HANDLE, PULL DOWN SPRAYER, MAX FLOW 1.5 GPM. STRAINER: PROFLO PF1435SS, STAINLESS STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. P-TRAP: PROFLO PFPTB107, 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEX RISERS. PROFLO PFXQAS32C. ROUGH-INS: PROVIDE HW AND DRAIN CONNECTIONS TO ADJACENT DISHWASHER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. COORDINATE WITH MILLWORK FOR OPENINGS
SK-3	ADA SINK	PROFLO	PFUC301A6	UNDERMOUNT	1/2"	1/2"	2"	1 1/2"	SINGLE COMPARTMENT SINK, UNDERMOUNT, 18 GAUGE TYPE 304 STAINLESS STEEL, 23.375" X 17.75" X 6" DEEP, CENTER DRAIN. FAUCET: PROFLO PFXC4027CP, ADA COMPLIANT, CHROME PLATED, SINGLE HANDLE, PULL DOWN SPRAYER, MAX FLOW 1.5 GPM. STRAINER: PROFLO PF1435SS, STAINLESS STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. P-TRAP: PROFLO PFPTB107, 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEX RISERS. PROFLO PFXQAS32C. ROUGH-INS: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. COORDINATE WITH MILLWORK FOR OPENINGS.
SK-4	ADA SINK	PROFLO	PFUC206A6	UNDERMOUNT	1/2"	1/2"	2"	2"	ADA COMPLIANT, UNDERMOUNT, 18 GAUGE STAINLESS STEEL, 32.3125" X 18.5" X 6" DEEP, DOUBLE COMPARTMENT, REAR CENTER DRAINS. FAUCET: PROFLO PFXC4027CP, ADA COMPLIANT, CHROME PLATED, SINGLE HANDLE, PULL DOWN SPRAYER, MAX FLOW 1.5 GPM. STRAINER: PROFLO PF1435SS, STAINLESS STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. P-TRAP: PROFLO PFPTB107, 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEX RISERS. PROFLO PFXQAS32C. ROUGH-INS: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. COORDINATE WITH MILLWORK FOR OPENINGS.
WATER CLOSET (WC)									
WC-1	WATER CLOSET	PROFLO	PF1503WH	FLOOR	1/2"		3"		ADA COMPLIANT, TANK TYPE, COLOR WHITE, FLOOR MOUNTED, VITREOUS CHINA BOWL, RIM HEIGHT 17". PROVIDE PROFLO TANK PF6112WH, LEFT CHROME TRIP LEVER, 1.28 GALLON PER FLUSH. SEAT: PROFLO PFTSHEC2000, ELONGATED, WHITE PLASTIC SEAT WITH COVER. SUPPLIES: PROFLO 1/4 TURN STOPS WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. PROVIDE WAX RING KIT. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.
WC-2	<varies>	PROFLO	PF1503WH	<varies>	1/2"		3"		ADA COMPLIANT, TANK TYPE, COLOR WHITE, FLOOR MOUNTED, VITREOUS CHINA BOWL, RIM HEIGHT 17". PROVIDE PROFLO TANK PF6112RWH, RIGHT CHROME TRIP LEVER, 1.28 GALLON PER FLUSH. SEAT: PROFLO PFTSHEC2000, ELONGATED, WHITE PLASTIC SEAT WITH COVER. SUPPLIES: PROFLO 1/4 TURN STOPS WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. PROVIDE WAX RING KIT. ROUGH-IN: REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.

ELECTRIC WATER HEATER SCHEDULE

Type Mark	MANUFACTURER	MODEL	STORAGE CAPACITY	KW	WH GALS. PER HR. RECOVERY RATE 90°F RISE	STORED WATER TEMP	ELECTRICAL CHAR. V	P	MOCP	UEF	REMARKS
EWH-1	AO SMITH	DEL-40	40 GAL	4.5	20	140	208	1	30	0.92	1 BATHROOM UNIT
EWH-2	AO SMITH	DEL-50	50 GAL	4.5	20	140	208	1	30	0.92	2 BATHROOM UNIT
EWH-3	AO SMITH	DEL-30	30 GAL	4.5	20	140	208	1	30	0.92	JAN / COMMON AREA

1. IF THE MAXIMUM FUSE SIZE OF THE EQUIPMENT PROVIDED EXCEEDS THE SPECIFIED AMOUNT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS RELATED TO INCREASED FUSE SIZE / WIRE SIZE.
2. PROVIDE COMBINATION WATER HEATER ISOLATION VALVE AND THERMAL EXPANSION RELIEF DEVICE ON THE COLD WATER SUPPLY. APOLLO 76-RV SERIES.
3. PROVIDE DRAIN PAN AND SUPPORT BLOCKING FOR APARTMENT UNITS.
4. PROVIDE WALL MOUNTED SUPPORT PLATFORM WITH INTEGRAL DRAIN PAN FOR EWH-3. HOLDRITE MODEL 50-SWHP-W OR EQUAL.
5. PROVIDE THERMAL EXPANSION TANK AT WATER HEATER EWH-3. AMTROL ST-5 OR EQUAL.

SUMP PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	TYPE	GPM	HEAD FEET	HORSE POWER MIN.	ELECTRICAL CHAR. V	P	F
SP-1	GOULDS	3872 #WW0511F	SEWAGE EJECTOR	SUBMERSIBLE	10	18'-0"	0.67 hp	120	1	60
SP-1	GOULDS	3872 #WW0511F	SEWAGE EJECTOR	SUBMERSIBLE	10	18'-0"	0.67 hp	120	1	60

1 PROVIDE SUMP PUMP FOR EMERGENCY WATER EVACUTION OUT OF ELEVATOR PIT.
2 PROVIDE WITH 100 FOOT HOSE..
3 PROVIDE WITH ELECTRICAL PLUG.

INSTANTANEOUS WATER HEATER SCHEDULE

Type Mark	MANUFACTURER	MODEL	WH Temperature Rise Per Flow	WH Output Water Temperature	ELECTRICAL CHARACTERISTICS V	P	KW	MCA	REMARKS
IWH-1	<varies>	<varies>	40 °F	105 °F	208	1	9	44	SERVES HOSE STATION IN TRASH ROOM 172
IWH-2	CHRONOMITE	CMI-30L 208	40 °F	105 °F	208	1	6	30	SERVES SINK IN COMMUNITY KITCHEN 107
IWH-3	CHRONOMITE	CMI-20L 208	40 °F	105 °F	208	1	4	20	SERVES LAVATORY IN RESTROOMS 108 & 131.1

CIRCULATION PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	TYPE	GPM	HEAD FEET	AMPS	ELECTRICAL CHAR. V	P	F	MAX RPM
CP-1	GRUNDFOS	ALPHA HWR 15-29	PUMP SERVES EWH-3	INLINE STAINLESS STEEL	0.5	5'-0"	0.71	120		60	1750

BOOSTER PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	TYPE	GPM	HEAD FEET	HP MIN	ELECTRICAL CHAR. V	P	F	MAX RPM
DBP-1	TIGERFLOW	TF-01-056	TRIPLEX	CENTRIFUGAL VERTICAL	140	121	7.5	208	3	60	3600

GREASE INTERCEPTOR SCHEDULE

MARK	LOCATION	FLOW RATE (GPM)	LIQUID CAP. (GAL)	GREASE CAP. (LBS)	STANDARD CONNECTION	DIMENSIONS LENGTH	WIDTH	HEIGHT	UNIT WEIGHT (LBS)	MANUFACTURE R & MODEL NO.	NOTES
GI 1	EXTERIOR BELOW GRADE	75	125	861	4"	47"	33"	42.75"	210	SCHIER GB-75	ALL

NOTES:

1. INSTALL AND VENT PER MANUFACTURER'S RECOMMENDATION AND LOCAL PLUMBING CODE. INTERCEPTOR SERVES TRASH ROOM FLOOR DRAINS.
2. INSTALL EXTERIOR BELOW GRADE GREASE INTERCEPTOR SO TRAFFIC RATED COVER IS FLUSH WITH FINISHED CONCRETE. PROVIDE EXTENSION RISER ASSEMBLY AS REQUIRED.
3. COORDINATE WITH GENERAL AND SITE CONTRACTORS FOR REQUIRED REINFORCED CONCRETE PAD ABOVE GREASE INTERCEPTOR PER MANUFACTURER'S RECOMMENDATIONS.
4. PROVIDE SAMPLING PORT DOWNSTREAM OF INTERCEPTOR, SCHIER MODEL SV-10 OR EQUAL.
5. INTERCEPTOR SERVES TWO FLOOR DRAINS (3" OUTLET) IN MAIN TRASH ROOM 172.
6. SEE DETAIL SHEET P5.01 FOR ADDITIONAL INFORMATION.

FIRE PUMP SYSTEM

MARK	MANUFACTURER	MODEL	SERVICE	TYPE	GPM	PRESSURE (PSI)	MAXIMUM RPM	MOTOR HORSEPOWER	ELECTRICAL CHAR. V	P	F
FP-1	AURORA	4-383-7C	SPRINKLER SYSTEM	IN-LINE	400	40	3560	15.00 hp	208	3	60
JP-1	AURORA	PVM1-6	SPRINKLER SYSTEM	IN-LINE	5	60	3500	0.75 hp	208	3	60

1 PUMP IS TO HAVE A NON-OVERLOADING MOTOR.
2 MINIMUM RECOMMENDED CLEARANCE AROUND A PUMP IS 24 INCHES. MAINTAIN MINIMUM CLEARANCES AS REQUIRED FOR SERVICE, MAINTENANCE, AND INSPECTION.
3 FIRE PROTECTION PUMP SYSTEM SHALL BE A COMPLETE SINGLE SOURCE PACKAGE AND SHALL INCLUDE FIRE PUMP WITH MOTOR CONTROLLER, JOCKEY PUMP WITH CONTROLLER, AND ALL REQUIRED APPURTENANCES FOR A COMPLETE OPERATING SYSTEM.
4 FIRE PUMP CONTROLLER: TORNATECH GPA-200/15/3/60/D5, D26A
5 JOCKEY PUMP: PUMP CONTOLLER: TORNATECH JPLT-200

TRAPOLINPEER
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

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NEW ORLEANS, LA 70130
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NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER

01/29/2026
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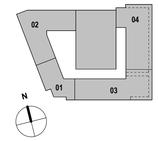
INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_10-30

PLUMBING SCHEDULES

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2590-00182

P6.01

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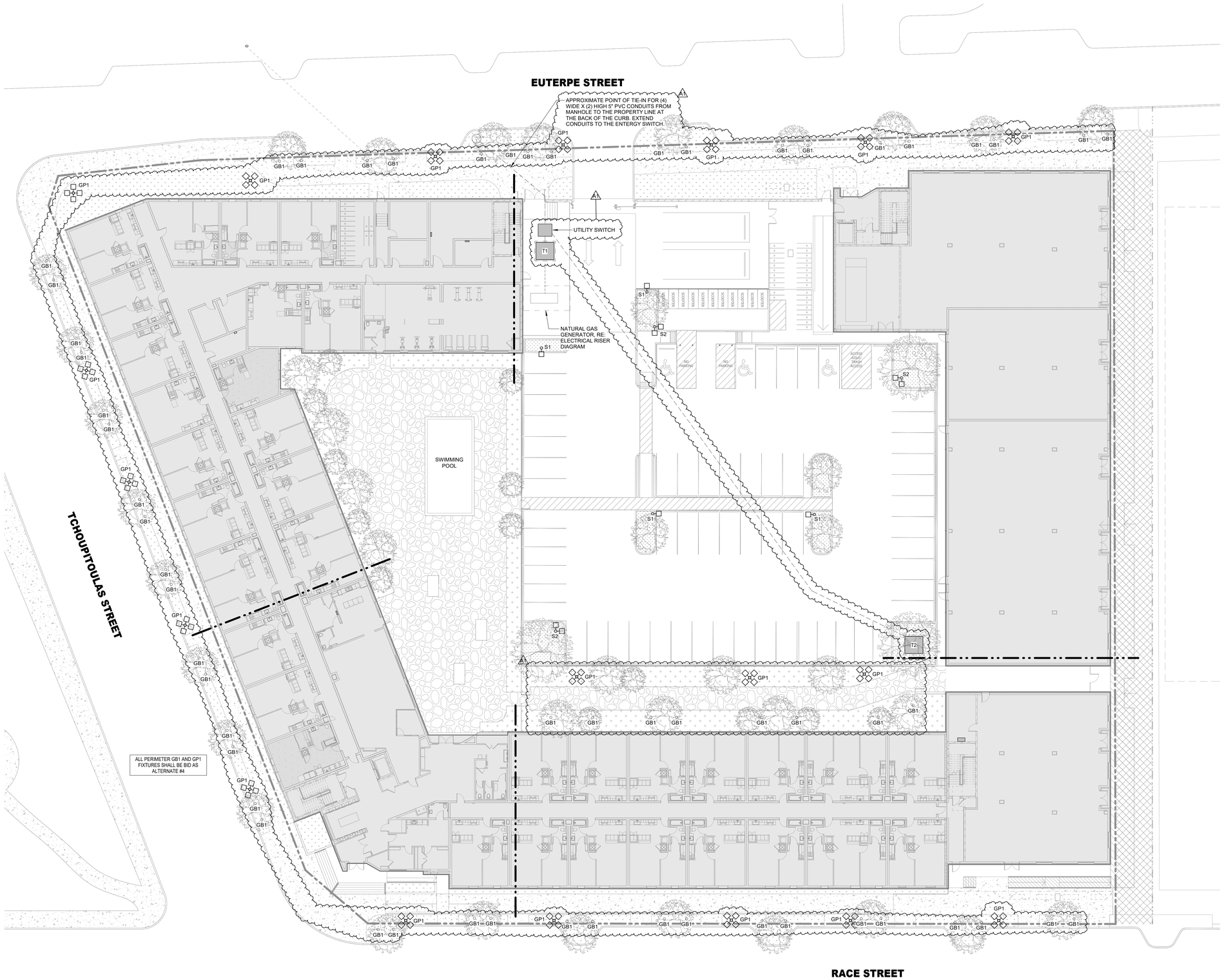

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

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INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
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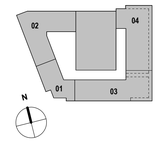
A1	Addendum 01	2026_01-30



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ISSUE DATE
2025_07-25

ELECTRICAL SITE PLAN

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E1.01

N

1 **LEVEL 01 - LIGHTING PLAN - AREA 01**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
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NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
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5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

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License No. 44345
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NUMBER	DESCRIPTION	DATE
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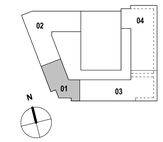
A1	Addendum 01	2026_01-30



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ISSUE DATE
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LIGHTING PLAN - LEVEL 01, AREA 01

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5215 Essen Lane, Suite 100
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Registration: 0005857
Project No: 2550-00182

E2.11
A1

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1 **LEVEL 01 - LIGHTING PLAN - AREA 02**
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
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NEW ORLEANS, LA 70123
504.733.4336

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INITIAL ISSUE & REVISIONS		
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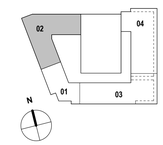

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LIGHTING PLAN -
LEVEL 01, AREA 02

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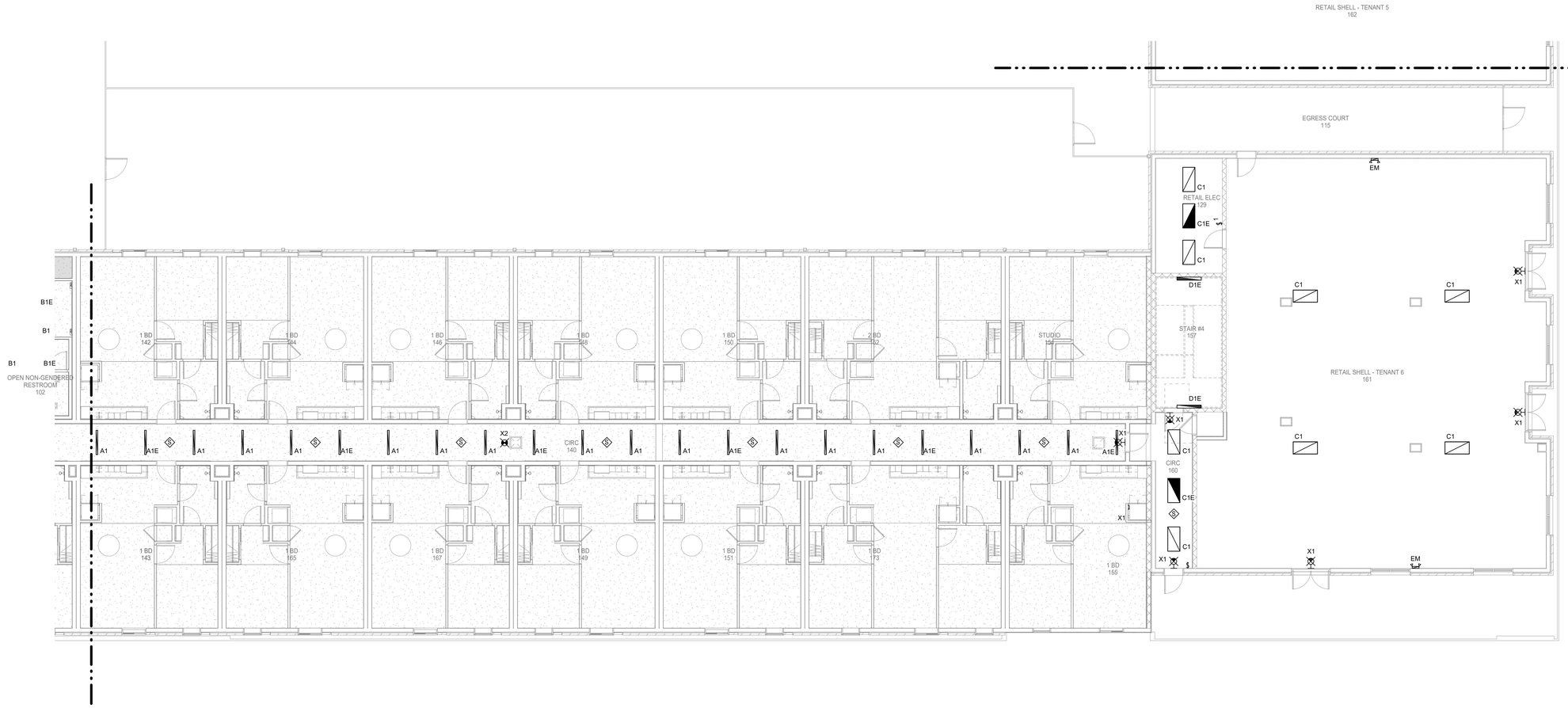
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E2.12 A1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D1E
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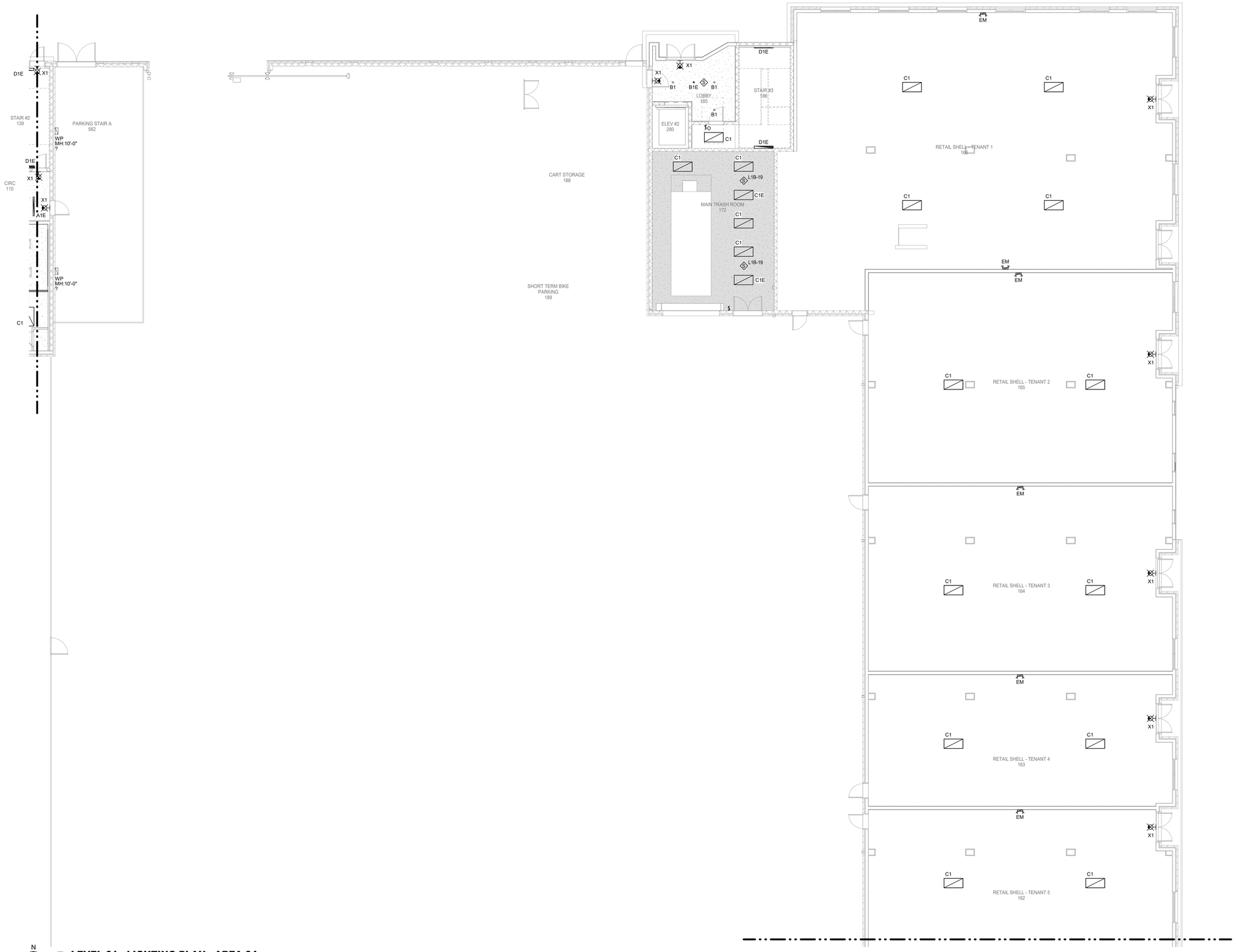

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
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INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
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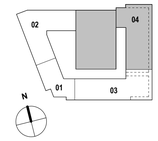
A1	Addendum 01	2026_01-30



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CN22194

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LIGHTING PLAN -
LEVEL 01, AREA 04

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E2.14 A1

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1 **LEVEL 02 - LIGHTING PLAN - AREA 01**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
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TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
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OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
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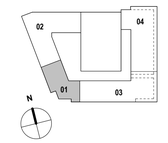

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CN22194

ISSUE DATE
08/12/25

LIGHTING PLAN - LEVEL 02, AREA 01

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: **0005857**
Project No: **2550-00182**

E2.15 A1

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1 **LEVEL 02 - LIGHTING PLAN - AREA 02**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
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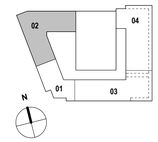
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
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LIGHTING PLAN -
LEVEL 02, AREA 02

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

A1
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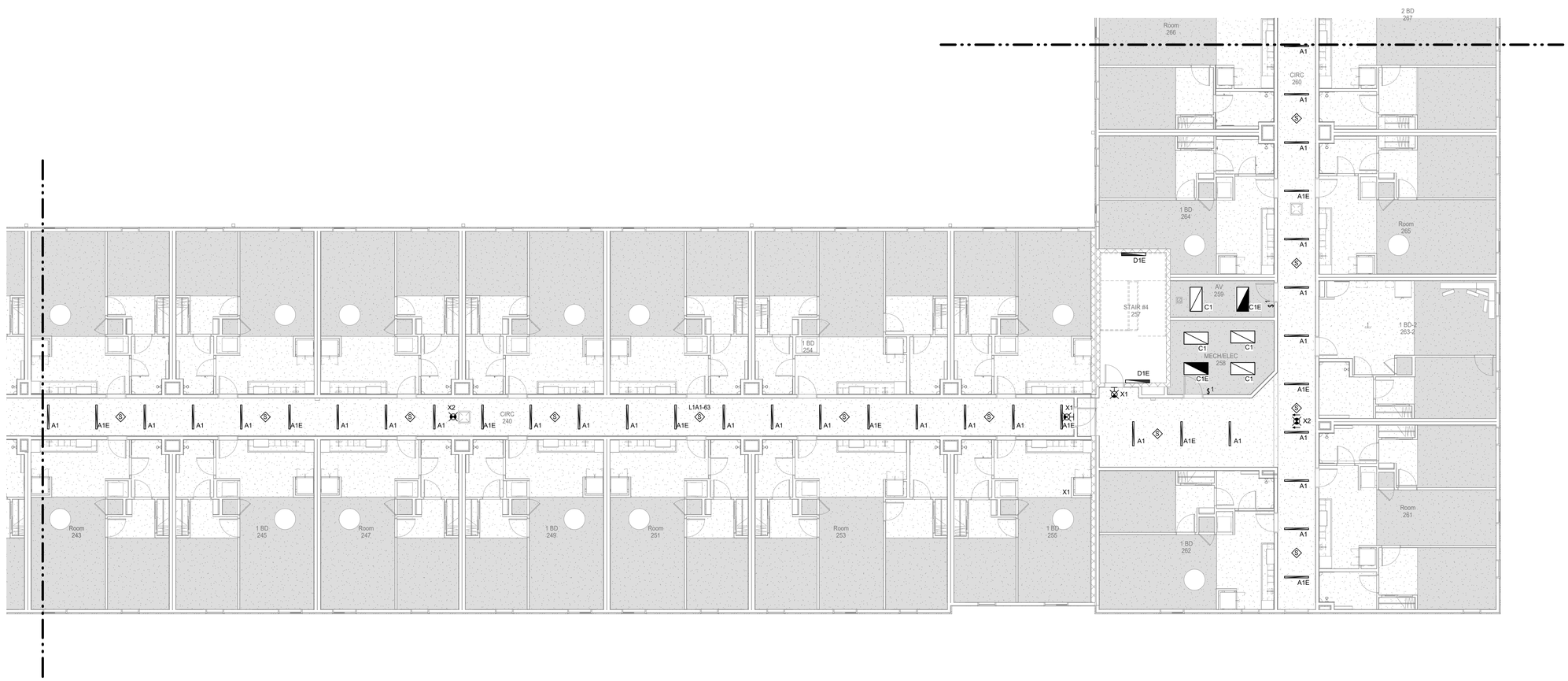

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1 **LEVEL 02 - LIGHTING PLAN - AREA 03**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
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STATE OF LOUISIANA
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License No. 44345
PROFESSIONAL ENGINEER

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INITIAL ISSUE & REVISIONS		
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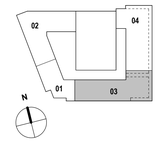

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LIGHTING PLAN - LEVEL 02, AREA 03

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E2.17 A1

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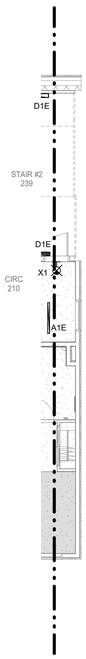

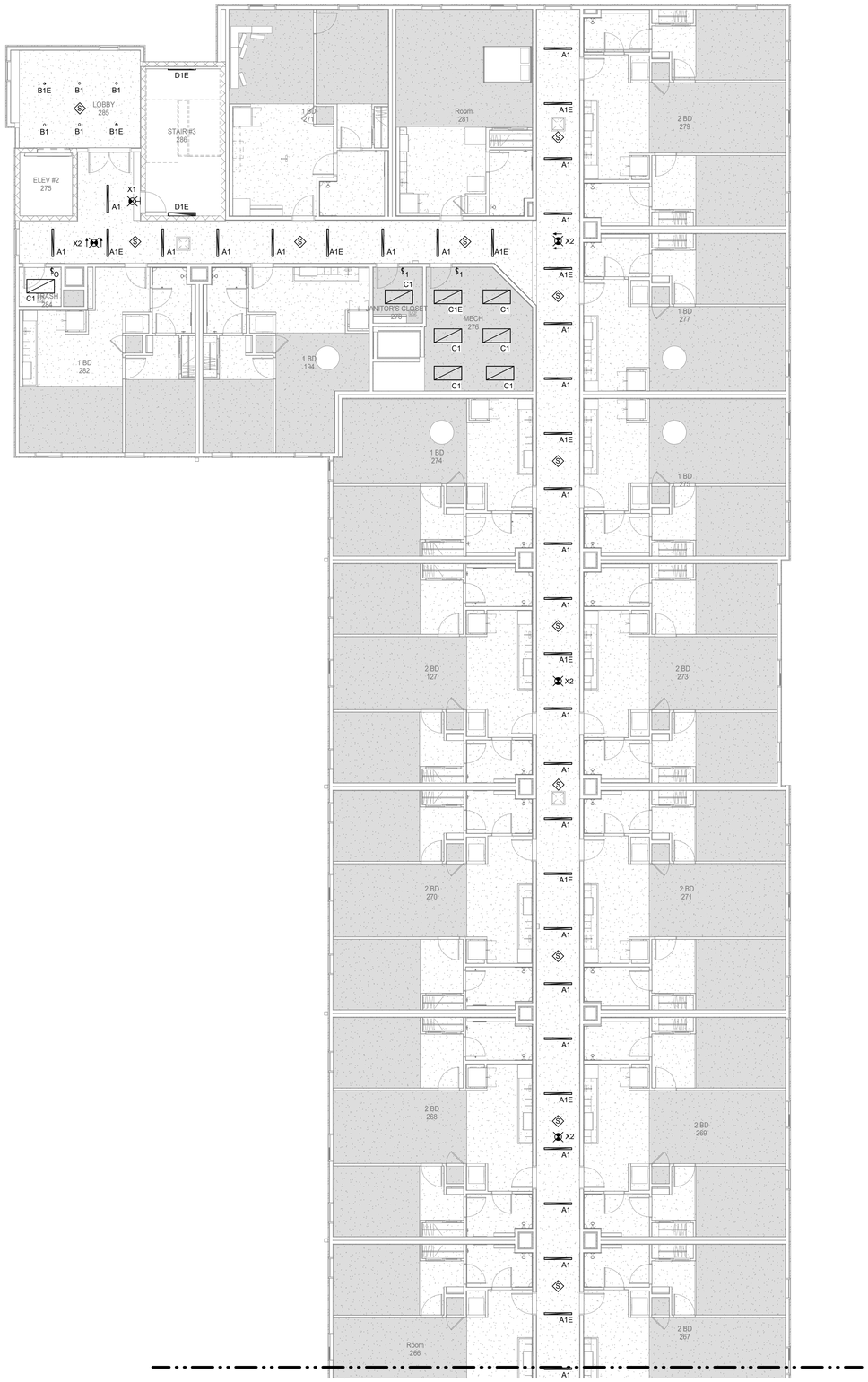

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1 **LEVEL 02 - LIGHTING PLAN - AREA 04**
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
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trapolinpeer.com

OWNER
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400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

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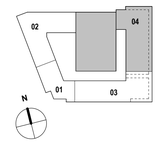
INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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LIGHTING PLAN - LEVEL 02, AREA 04

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

A1

E2.18

L4A-17
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B1
B1
B1

N

1 **LEVEL 03 - LIGHTING PLAN - AREA 02**
Scale: 1/8" = 1'-0"

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GMP DOCUMENTS

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LOT 5B - MULTIFAMILY + COMMERCIAL

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STATE OF LOUISIANA
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INITIAL ISSUE & REVISIONS		
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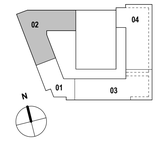

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CN22194

ISSUE DATE
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LIGHTING PLAN - LEVEL 03, AREA 02

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

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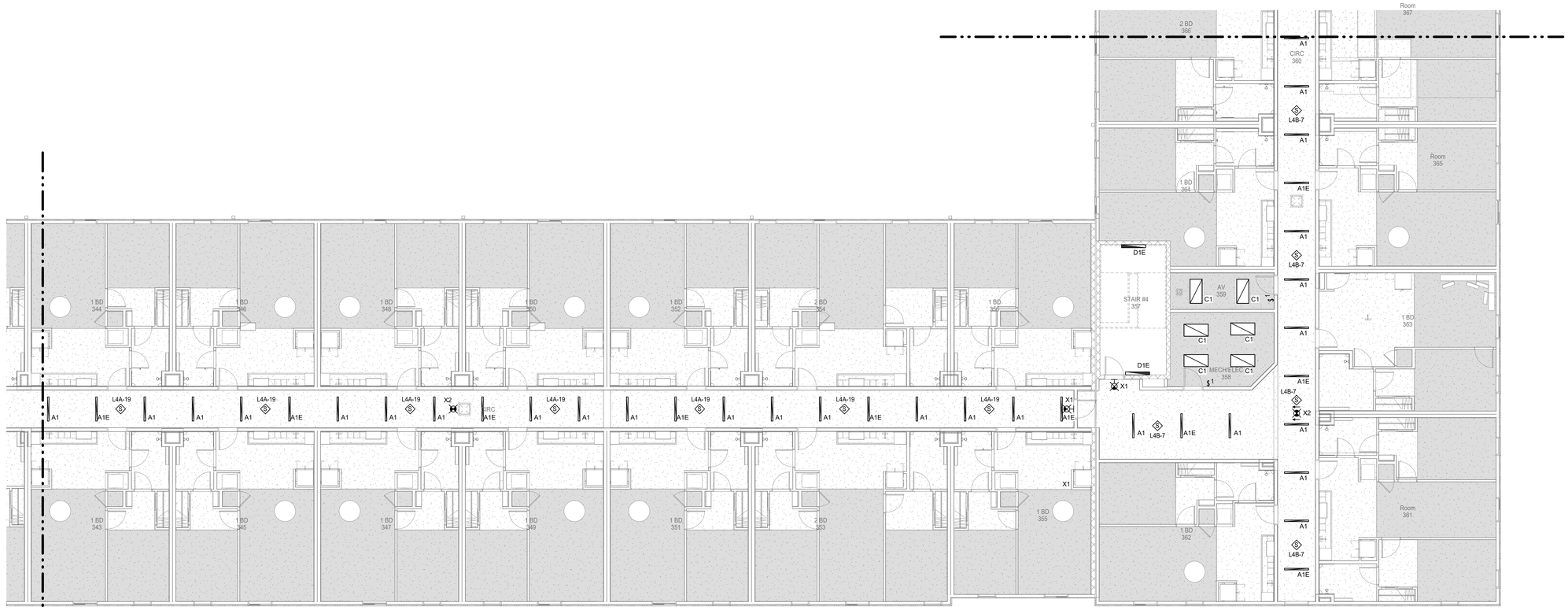

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1 **LEVEL 03 - LIGHTING PLAN - AREA 03**
Scale: 1/8" = 1'-0"

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS		
NUMBER	DESCRIPTION	DATE
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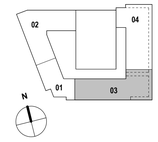

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ISSUE DATE
08/12/25

LIGHTING PLAN - LEVEL 03, AREA 03

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

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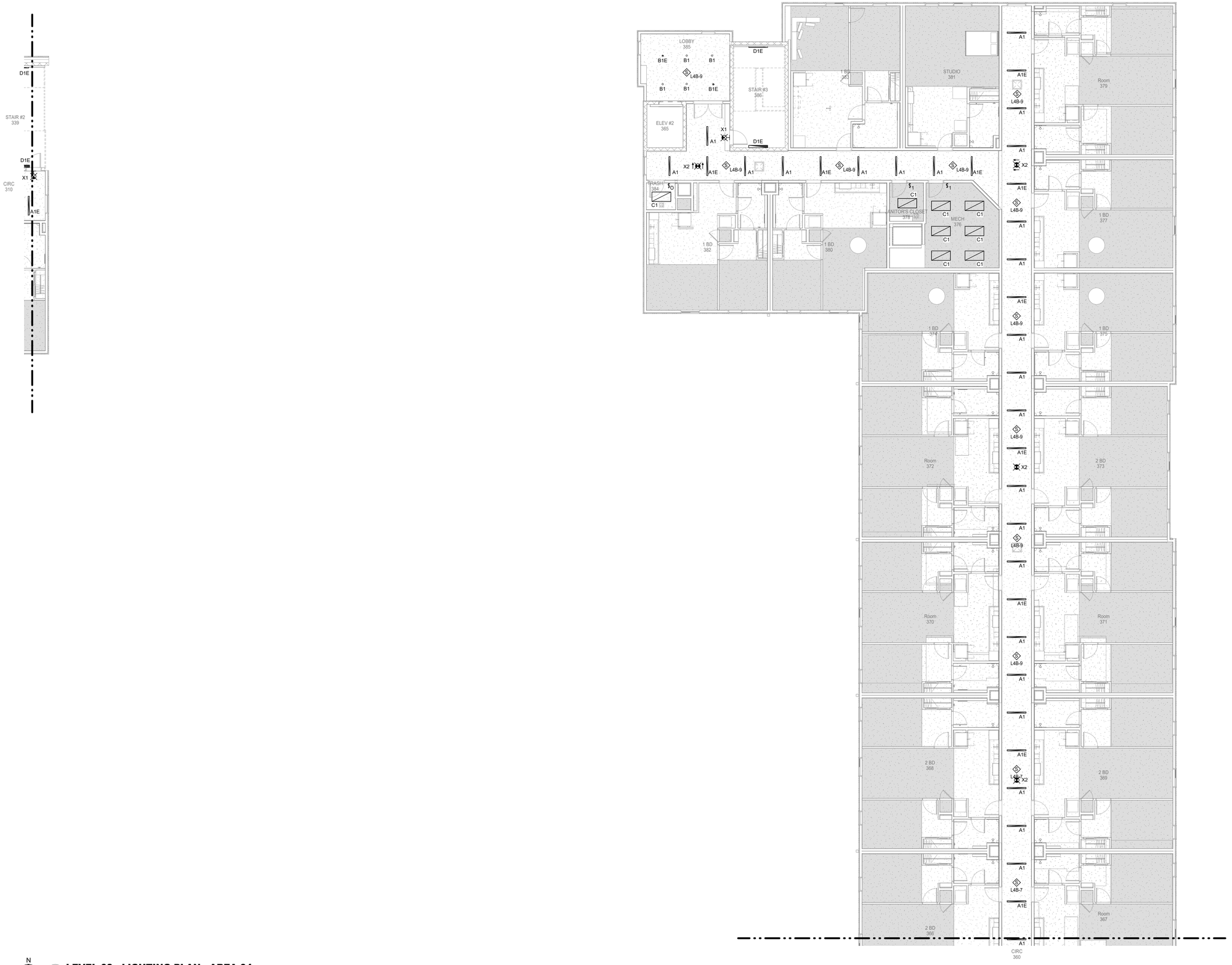

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1 **LEVEL 03 - LIGHTING PLAN - AREA 04**
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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
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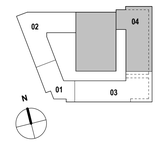
INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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LIGHTING PLAN - LEVEL 03, AREA 04

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5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
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1 **LEVEL 04 - LIGHTING PLAN - AREA 01**
Scale: 1/8" = 1'-0"

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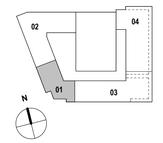

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LIGHTING PLAN - LEVEL 04, AREA 01

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1 **LEVEL 04 - LIGHTING PLAN - AREA 02**
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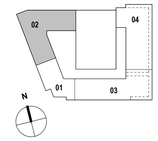

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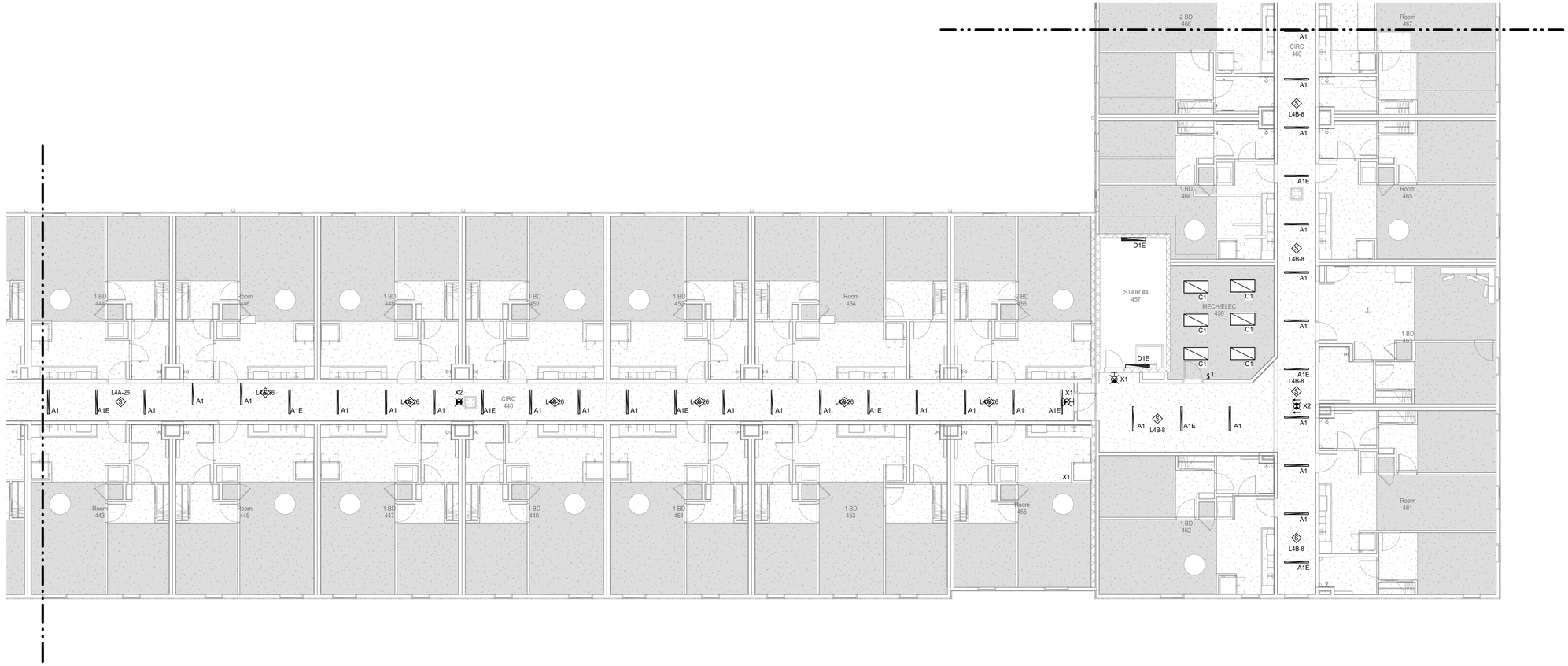

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1 **LEVEL 04 - LIGHTING PLAN - AREA 03**
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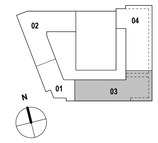

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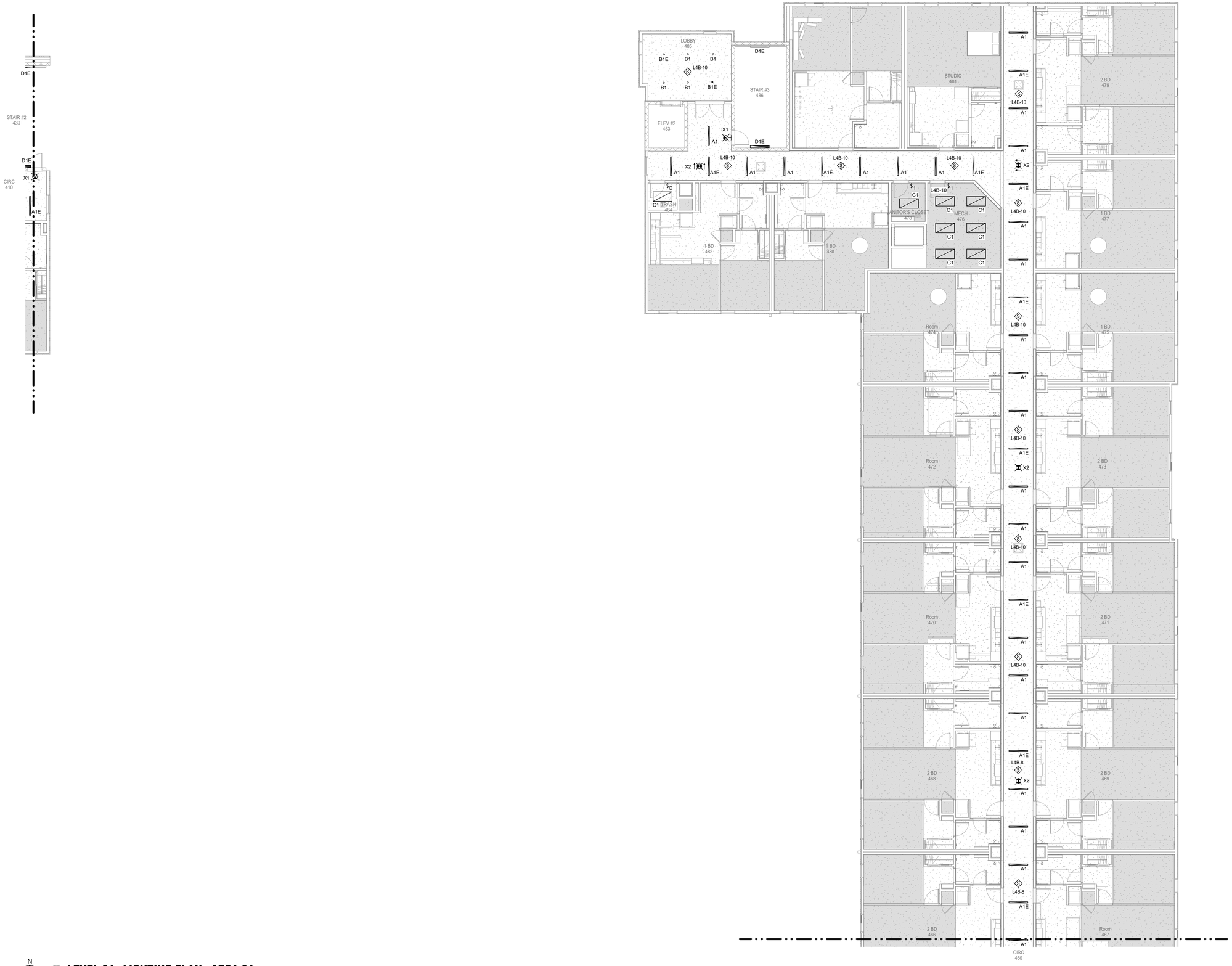

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1 **LEVEL 04 - LIGHTING PLAN - AREA 04**
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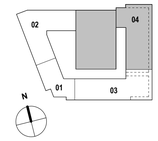

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1 LEVEL 01 - POWER PLAN - AREA 01

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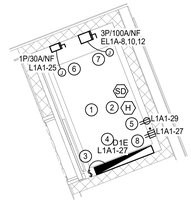

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2 ELEVATOR #1 - ELECTRICAL PLAN

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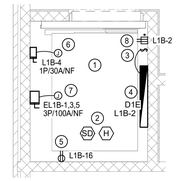

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3 ELEVATOR #2 - ELECTRICAL PLAN

Scale: 1/4" = 1'-0"

ELEVATOR KEYED NOTES

1	COORDINATE LOCATIONS OF ALL EQUIPMENT AND CONNECTIONS REQUIRED FOR THE ELEVATOR INSTALLATION WITH THE SUBMITTAL AND MANUFACTURER IN ADVANCE OF ROUGH-IN. PROVIDE ANY ADDITIONAL EQUIPMENT AND CONNECTIONS AS INDICATED IN THE SUBMITTAL.
2	LOCATE SMOKE AND HEAT DETECTORS AT THE TOP OF THE ELEVATOR HOISTWAY AS REQUIRED.
3	PROVIDE SWITCHES IN AN ACCESSIBLE LOCATION FOR CONTROL OF ELEVATOR PIT SUMP PUMP AND ELEVATOR PIT AND HOISTWAY LIGHTING.
4	PROVIDE (2) LIGHT FIXTURES, (1) IN THE ELEVATOR PIT AND (1) AT THE TOP OF THE ELEVATOR HOISTWAY.
5	PROVIDE POWER FOR ELEVATOR PIT SUMP PUMP RECEPTACLE AND ANY COORDINATE CONTROLS AS INDICATED ON PLUMBING DOCUMENTS.
6	PROVIDE 20A FUSED DISCONNECT FOR ELEVATOR CAB LIGHTING.
7	PROVIDE LOCKABLE FUSED DISCONNECT FOR ELEVATOR POWER. FUSED DISCONNECT SHALL HAVE CONTROL POINTS FOR HEAT AND SMOKE DETECTION SHUNT TRIP.
8	PROVIDE OUTLET IN THE ELEVATOR PIT, AND AT THE TOP OF THE ELEVATOR HOISTWAY.

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THE RIVANA @ RIVER DISTRICT

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TRAPOLIN-PEER ARCHITECTS
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400 POYDRAS ST., SUITE 2620
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504.291.6100

CONTRACTOR
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5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

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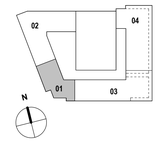
A1	Addendum 01	2026_01-30



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ISSUE DATE
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ELECTRICAL - AREA PLAN - LEVEL 01, AREA 01

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
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A1
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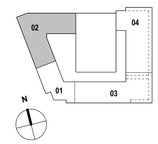

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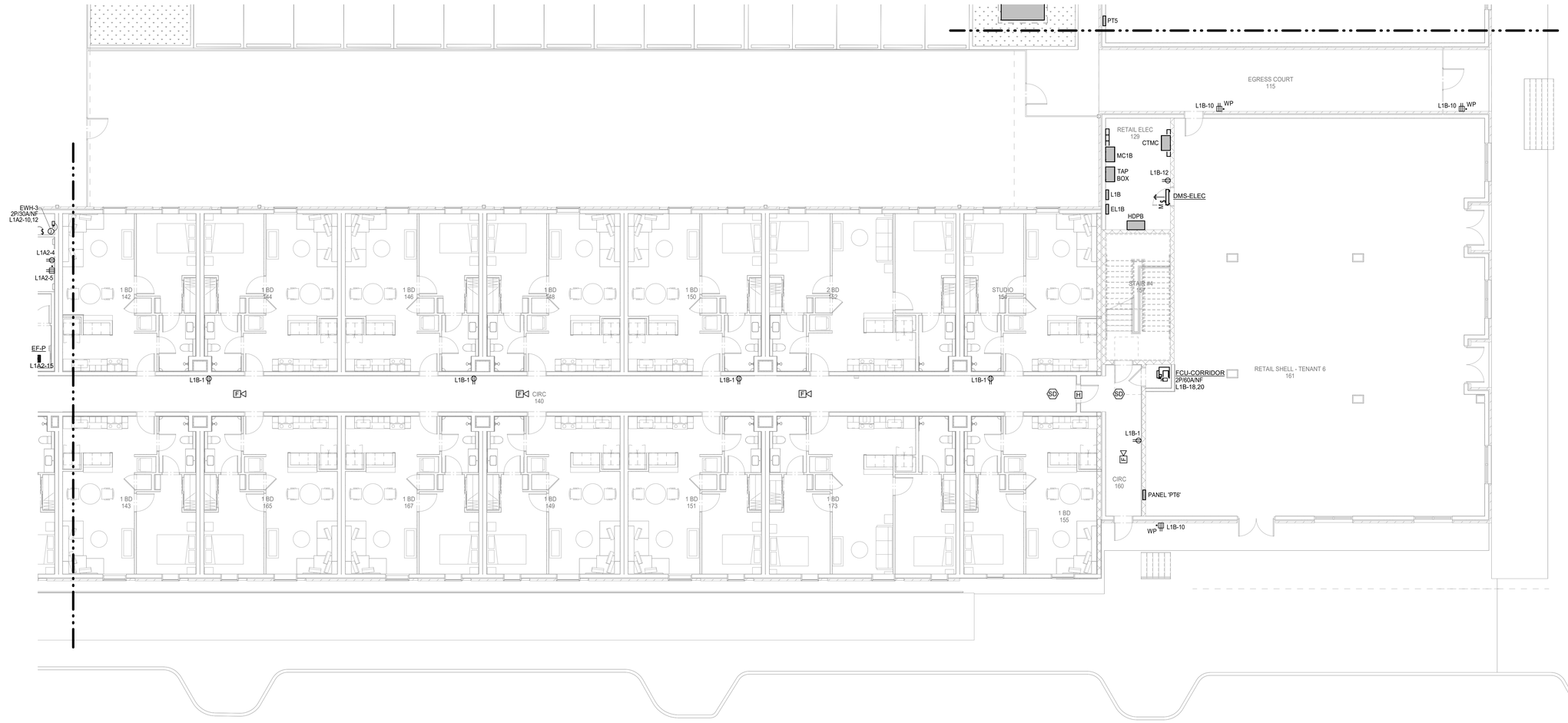

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1 **LEVEL 01 - POWER PLAN - AREA 03**
Scale: 1/8" = 1'-0"

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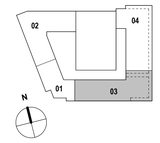

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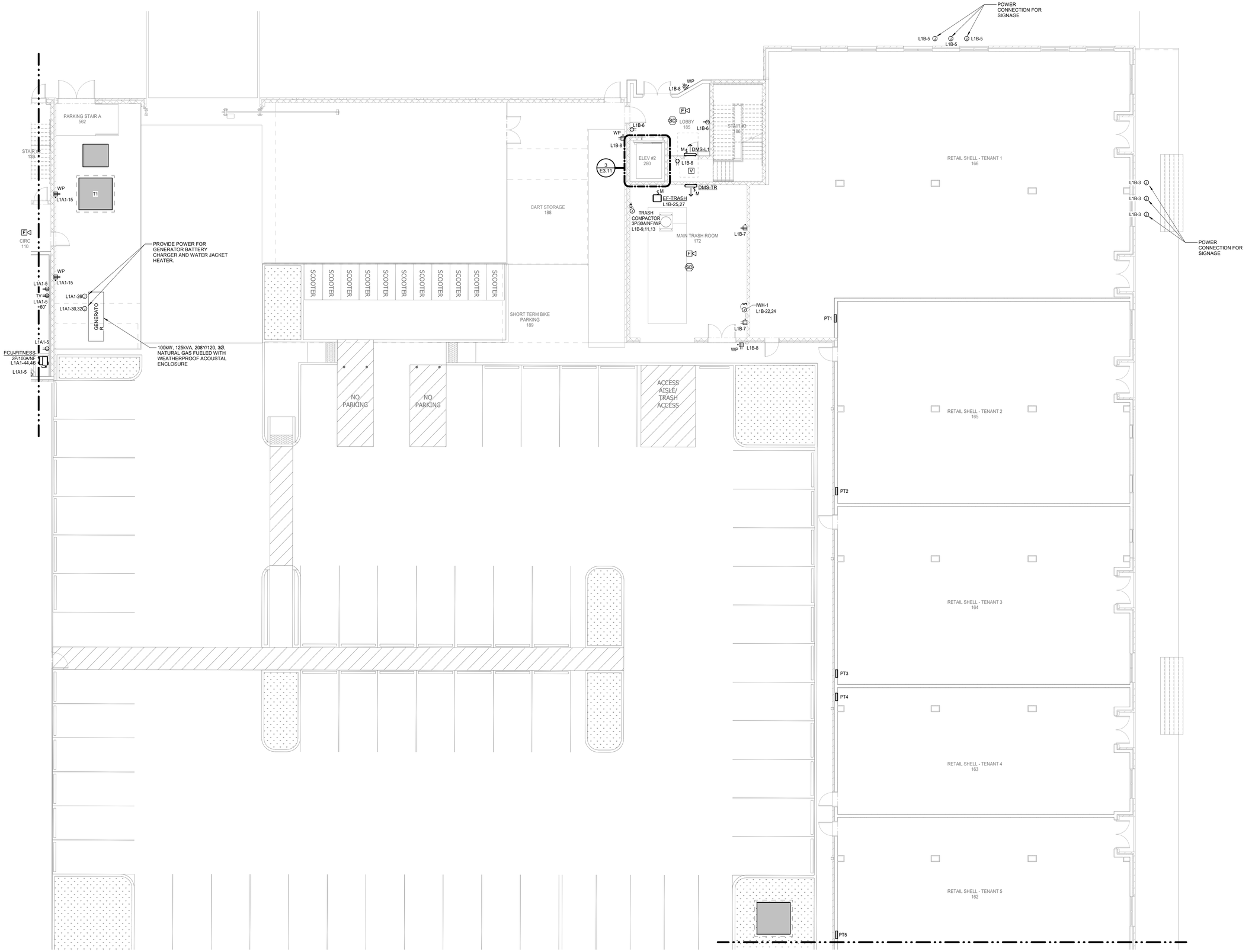

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1 **LEVEL 01 - POWER PLAN - AREA 04**
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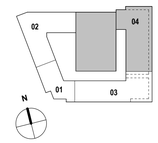

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E3.14 A1

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1 **LEVEL 02 - POWER PLAN - AREA 01**

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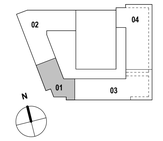

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E3.15 A1

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1 **LEVEL 02 - POWER PLAN - AREA 02**
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1480 TCHOUPITOULAS STREET
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TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

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NUMBER	**DESCRIPTION**	**DATE**
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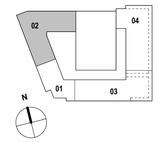
A1	Addendum 01	2026_01-30



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ELECTRICAL - AREA PLAN - LEVEL 02, AREA 02

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Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

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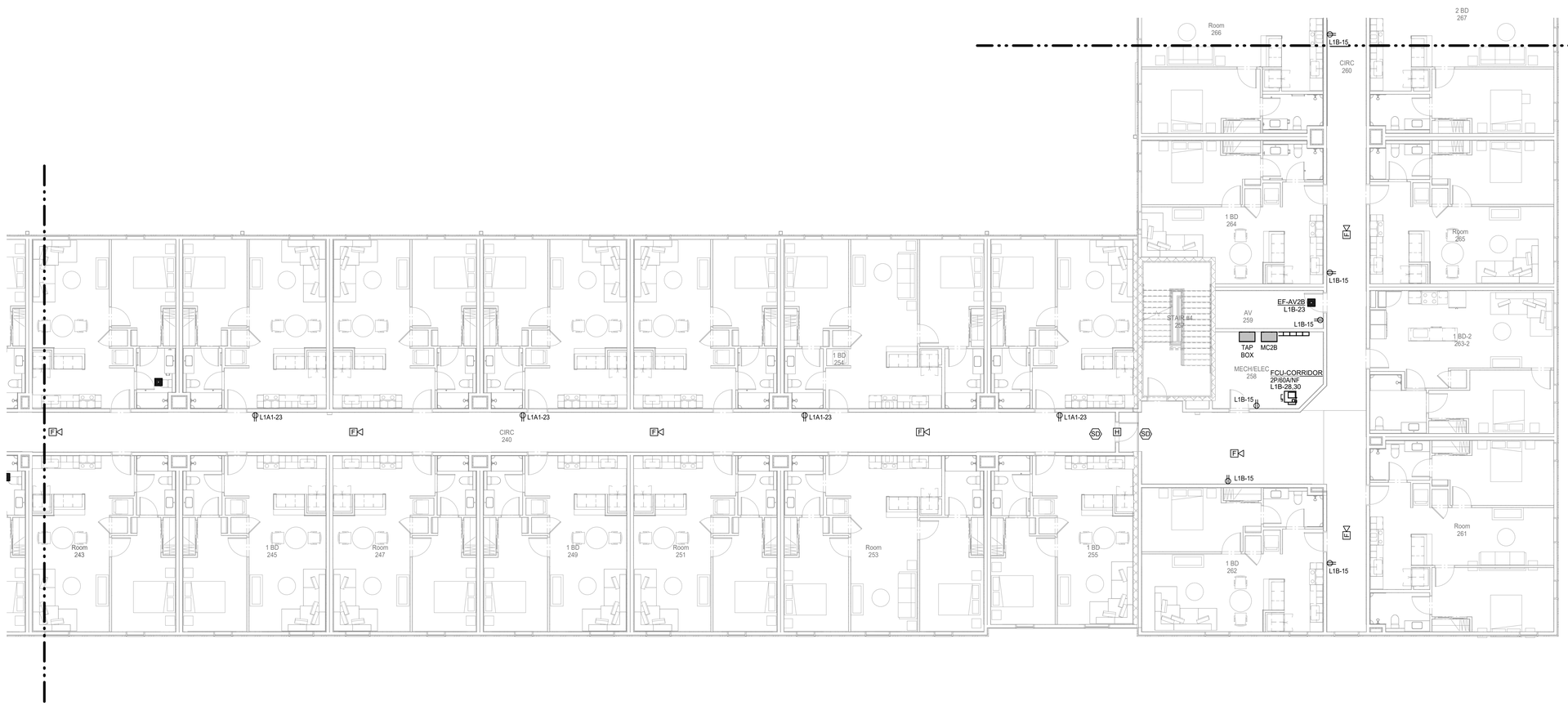
Project No: 2550-00182

A1
E3.16



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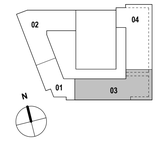

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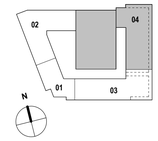

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ELECTRICAL - AREA PLAN - LEVEL 02, AREA 04

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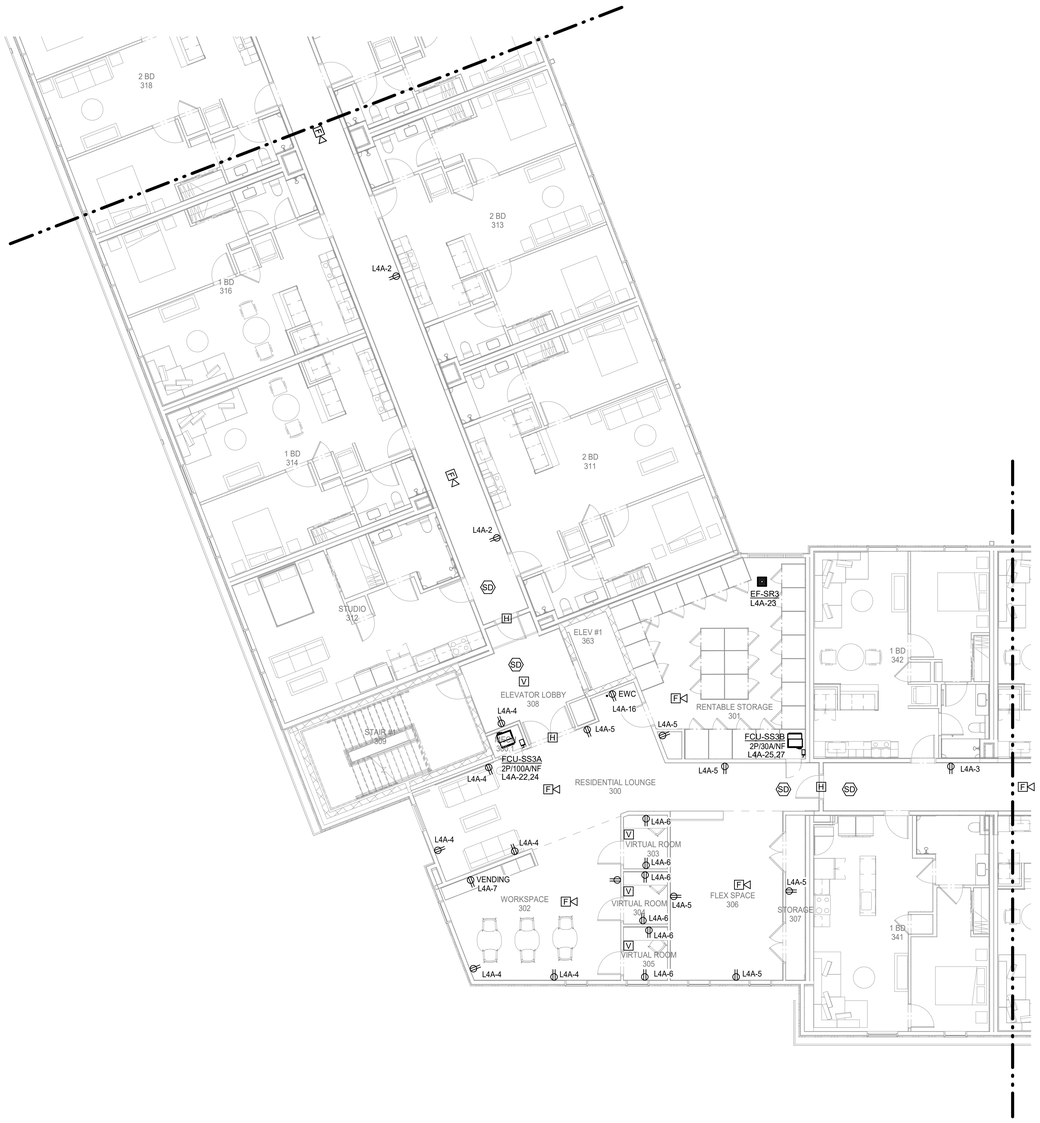

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1 **LEVEL 03 - POWER PLAN - AREA 01**

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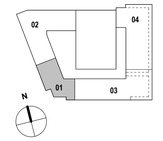

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ELECTRICAL - AREA PLAN - LEVEL 03, AREA 01

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E3.19
A1

1 **LEVEL 03 - POWER PLAN - AREA 02**
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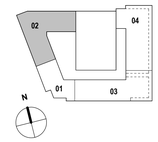

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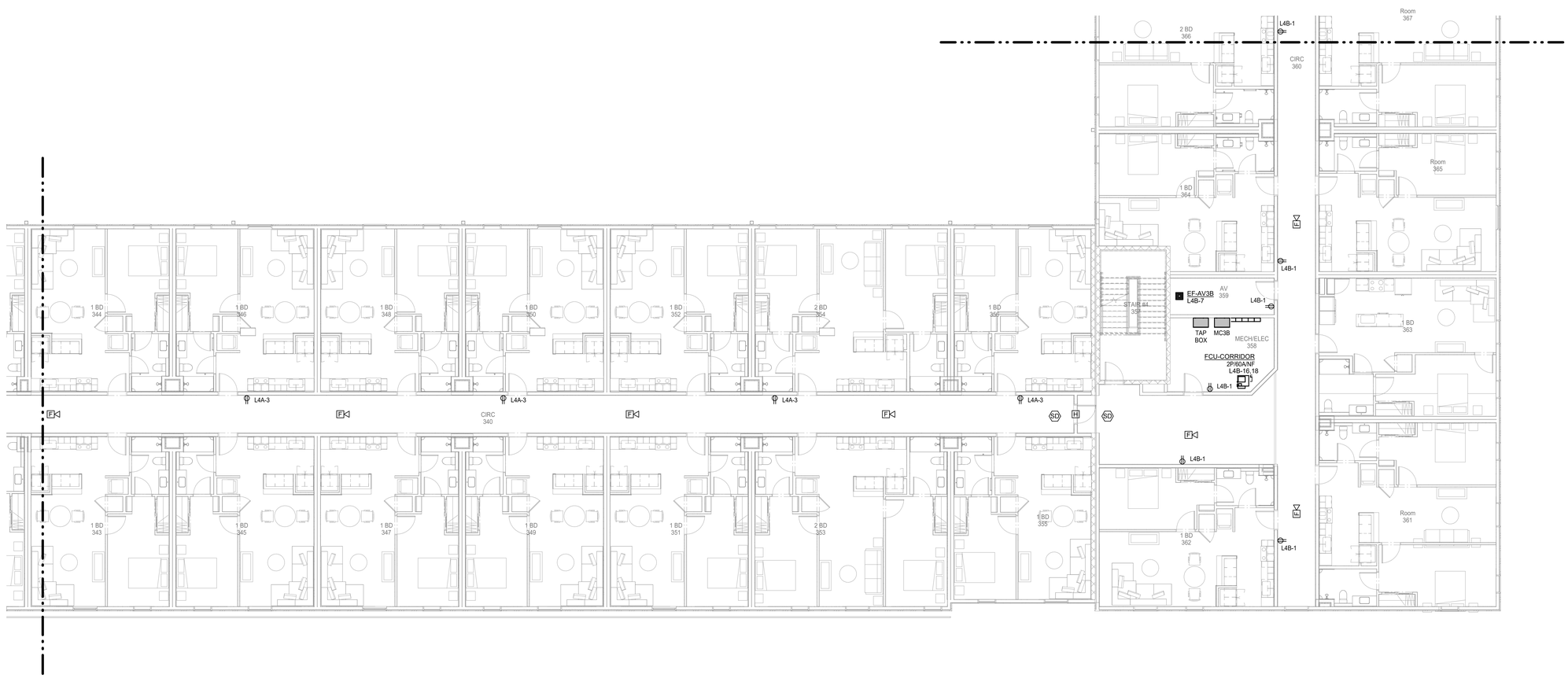

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1 **LEVEL 03 - POWER PLAN - AREA 03**
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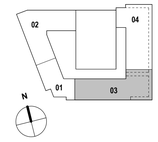

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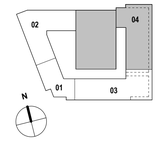

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ELECTRICAL - AREA PLAN - LEVEL 03, AREA 04

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Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E3.22 A1

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1 **LEVEL 03 - POWER PLAN - AREA 04**
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1 **LEVEL 04 - POWER PLAN - AREA 01**
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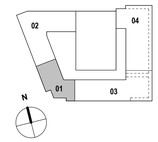

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E3.23 A1

1 **LEVEL 04 - POWER PLAN - AREA 02**
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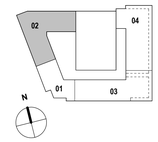

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ELECTRICAL - AREA PLAN - LEVEL 04, AREA 02

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Baton Rouge, LA 70809

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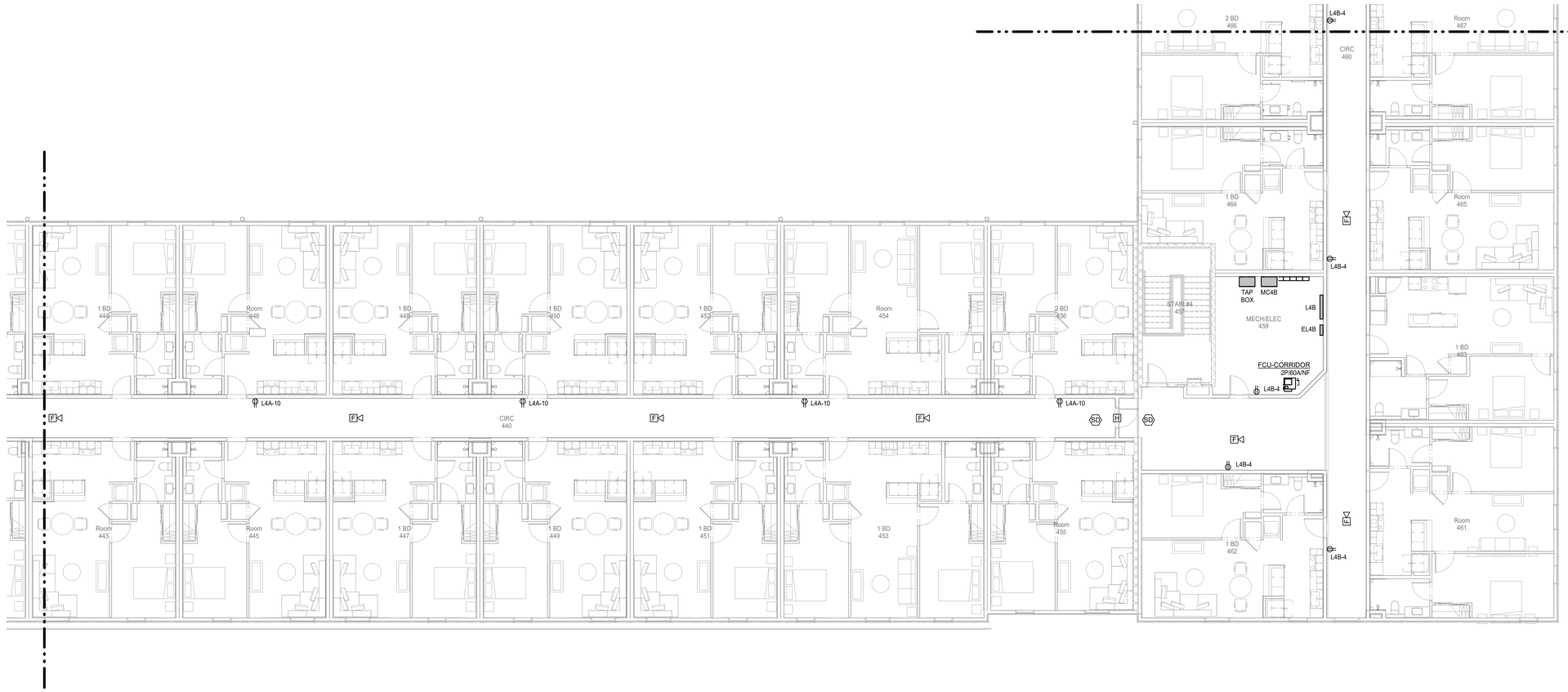

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1 **LEVEL 04 - POWER PLAN - AREA 03**
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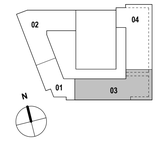

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E3.25
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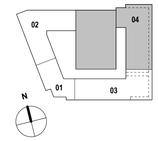

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A1
E3.26

N
1 **LEVEL 04 - POWER PLAN - AREA 04**
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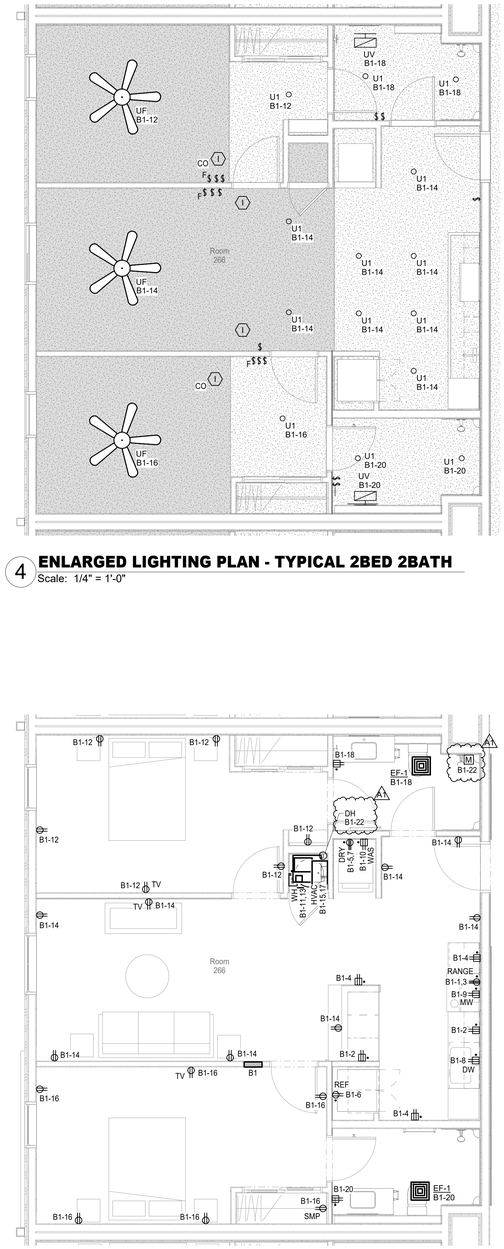

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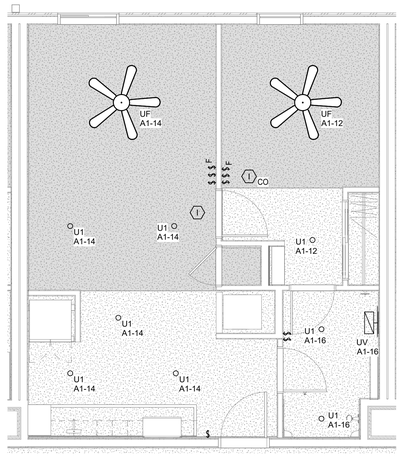
4 ENLARGED LIGHTING PLAN - TYPICAL 2BED 2BATH

Scale: 1/4" = 1'-0"



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3 ENLARGED LIGHTING PLAN - TYPICAL 1BED 1BATH

Scale: 1/4" = 1'-0"

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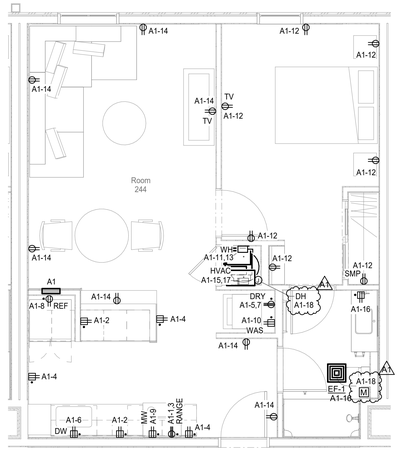
2 ENLARGED POWER PLAN - TYPICAL 2BED 2BATH

Scale: 1/4" = 1'-0"



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1 ENLARGED POWER PLAN - TYPICAL 1BED 1BATH

Scale: 1/4" = 1'-0"

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Gensler studio kiro

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THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
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NEW ORLEANS, LA 70130
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trapolinpeer.com

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NEW ORLEANS, LA 70130
504.291.6100

CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

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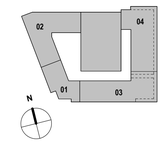
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

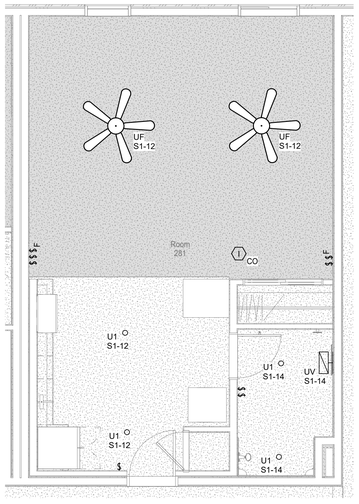
ISSUE DATE
2025_07-25

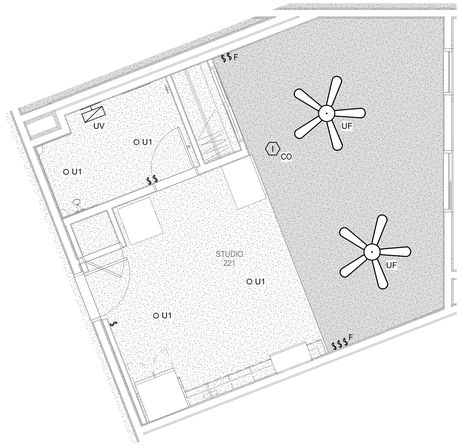
ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS

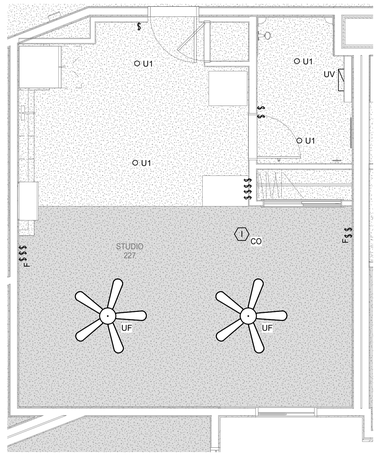
Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E4.51



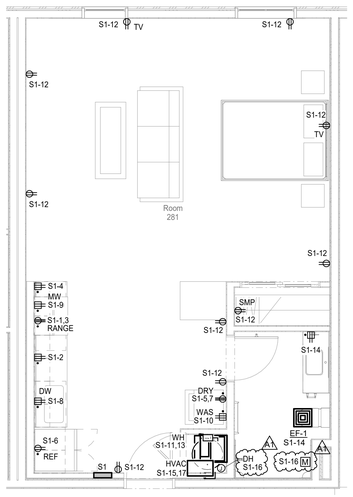


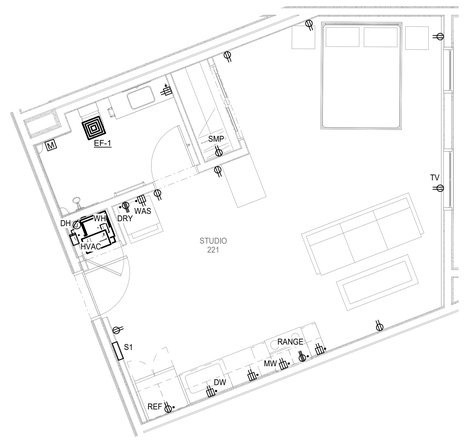


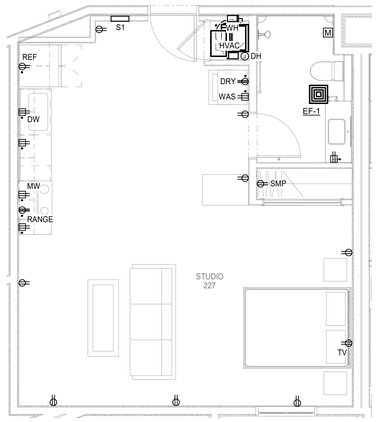
6 ENLARGED LIGHTING PLAN - TYPICAL STUDIO
Scale: 1/4" = 1'-0"

4 ENLARGED LIGHTING PLAN - ATYPICAL STUDIO TYPE 1
Scale: 1/4" = 1'-0"

2 ENLARGED LIGHTING PLAN - ATYPICAL STUDIO TYPE 2
Scale: 1/4" = 1'-0"







5 ENLARGED POWER PLAN - TYPICAL STUDIO
Scale: 1/4" = 1'-0"

3 ENLARGED POWER PLAN - ATYPICAL STUDIO TYPE 1
Scale: 1/4" = 1'-0"

1 ENLARGED POWER PLAN - ATYPICAL STUDIO TYPE 2
Scale: 1/4" = 1'-0"

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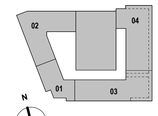

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL - ENL PLANS - RESIDENTIAL UNITS

Salas O'Brien
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Registration: 0005857
Project No: 2550-00182

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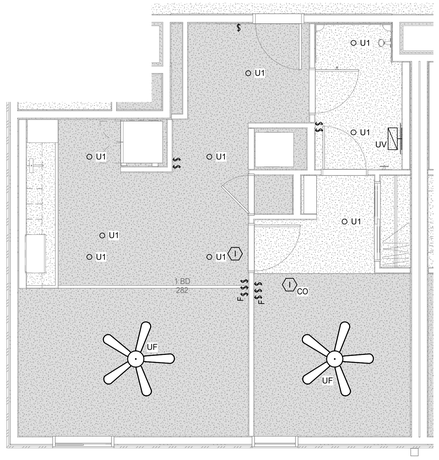

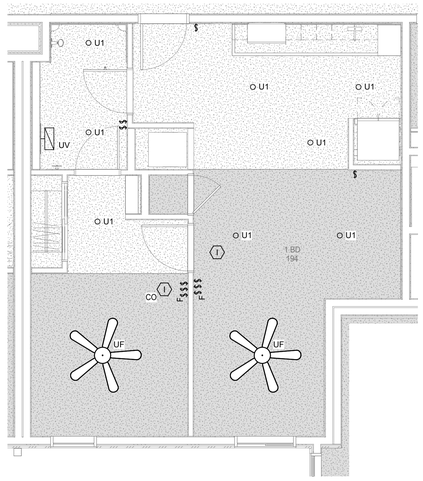

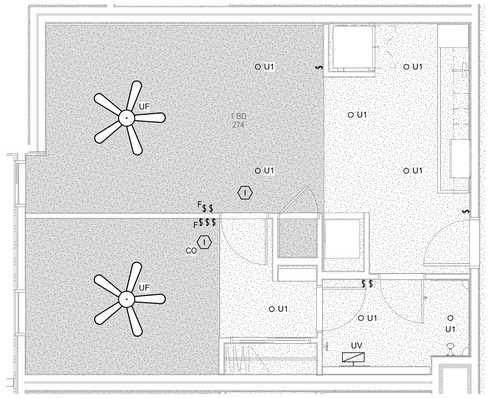

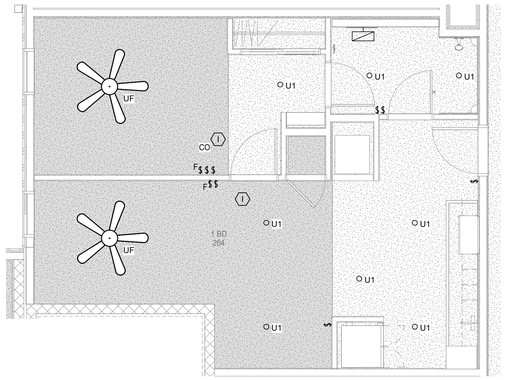

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8 ENLARGED LIGHTING PLAN - ATYPICAL 1 BED ROOM TYPE 1

Scale: 1/4" = 1'-0"

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6 ENLARGED LIGHTING PLAN - ATYPICAL 1 BED ROOM TYPE 2

Scale: 1/4" = 1'-0"

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4 ENLARGED LIGHTING PLAN - ATYPICAL 1 BED ROOM TYPE 3

Scale: 1/4" = 1'-0"

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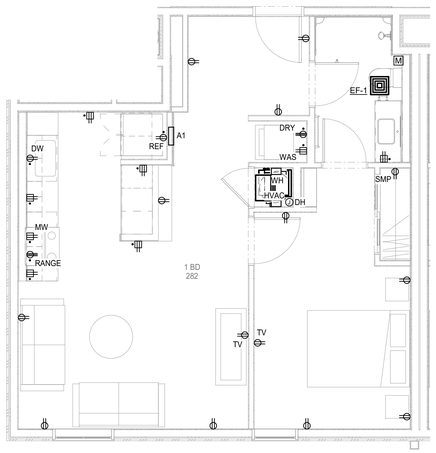
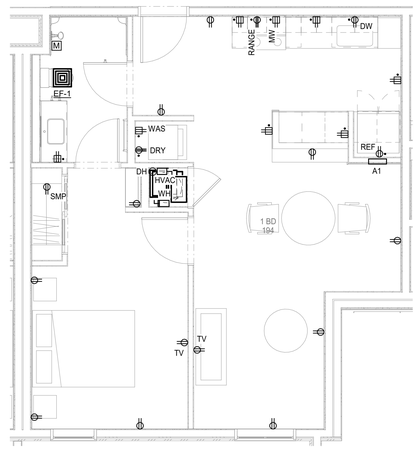
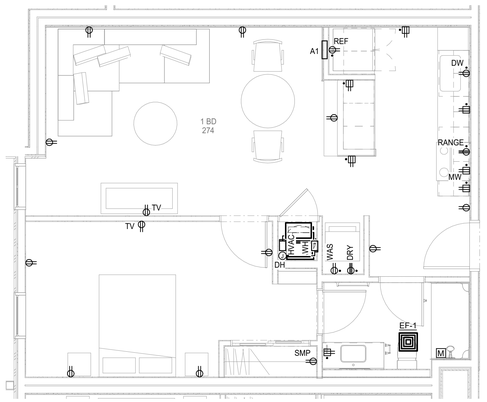
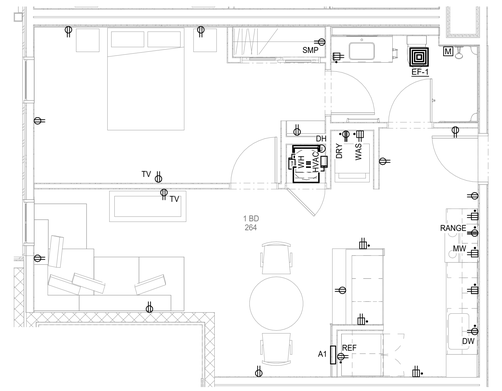
2 ENLARGED LIGHTING PLAN - ATYPICAL 1 BED ROOM TYPE 4

Scale: 1/4" = 1'-0"









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7 ENLARGED POWER PLAN - ATYPICAL 1 BED ROOM TYPE 1

Scale: 1/4" = 1'-0"

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5 ENLARGED POWER PLAN - ATYPICAL 1 BED ROOM TYPE 2

Scale: 1/4" = 1'-0"

N

3 ENLARGED POWER PLAN - ATYPICAL 1 BED ROOM TYPE 3

Scale: 1/4" = 1'-0"

N

1 ENLARGED POWER PLAN - ATYPICAL 1 BED ROOM TYPE 4

Scale: 1/4" = 1'-0"

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
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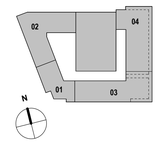

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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL - ENL PLANS - A TYP RESIDENTIAL UNITS

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

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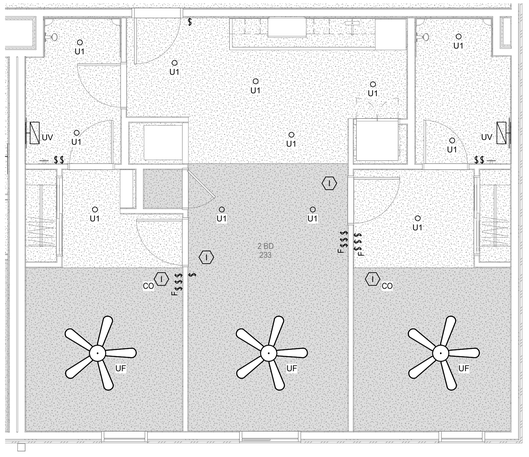

4 ENLARGED LIGHTING PLAN - ATYPICAL 2 BED ROOM TYPE 1
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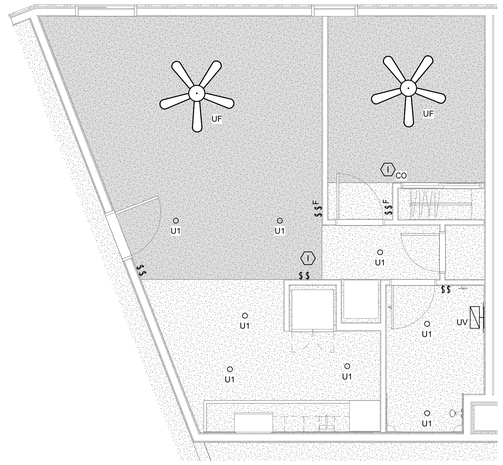

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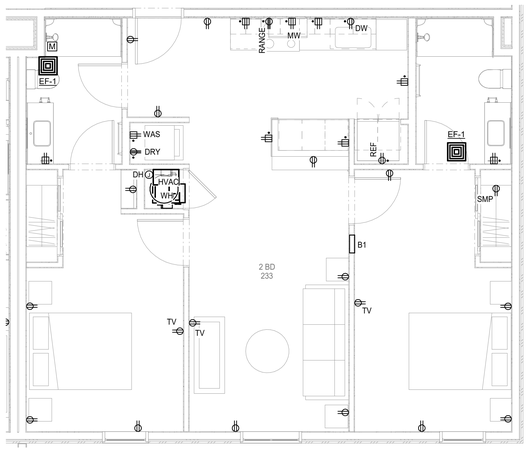
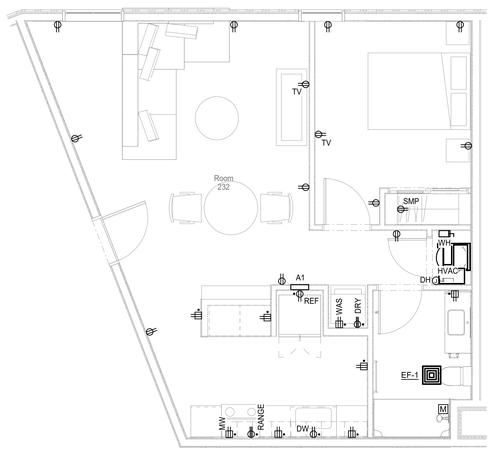
Scale: 1/4" = 1'-0"



3 ENLARGED POWER PLAN - ATYPICAL 2 BED ROOM TYPE 1
Scale: 1/4" = 1'-0"



1 ENLARGED POWER PLAN - ATYPICAL 1 BED ROOM TYPE 5
Scale: 1/4" = 1'-0"

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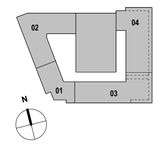

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Registration: 0005857
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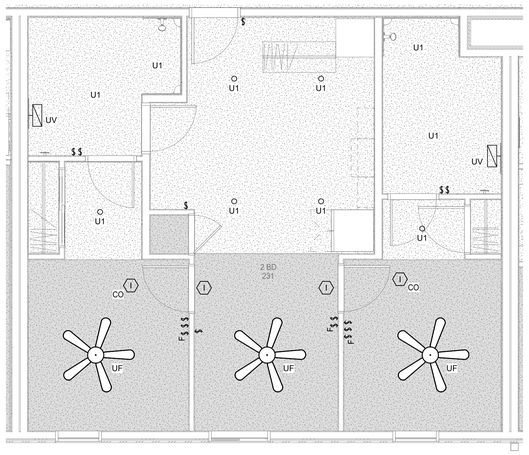

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6 **ENLARGED LIGHTING PLAN - 2 BD RM ACCESSIBLE UNIT**
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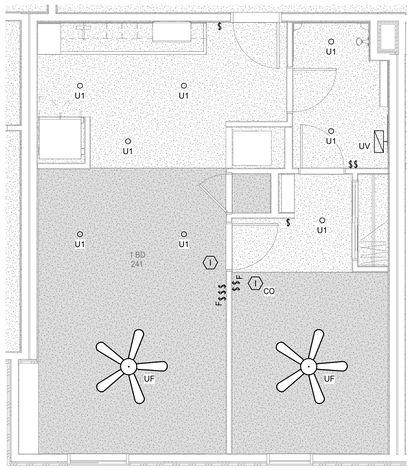

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4 **ENLARGED LIGHTING PLAN - 1 BED 1 BATH ACCESSIBLE**
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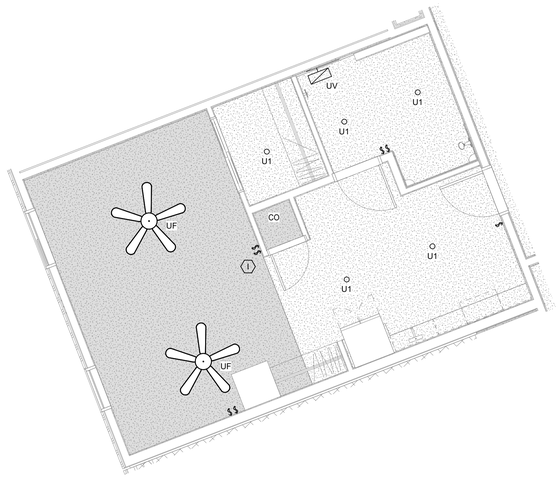

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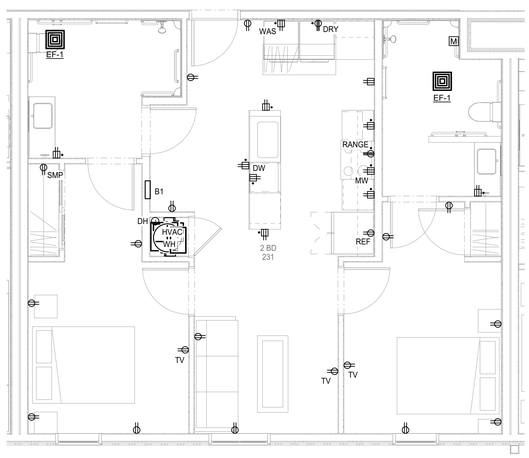
2 **ENLARGED LIGHTING PLAN - STUDIO ACCESSIBLE**
Scale: 1/4" = 1'-0"



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5 **ENLARGED POWER PLAN - 2 BD RM ACCESSIBLE UNIT**
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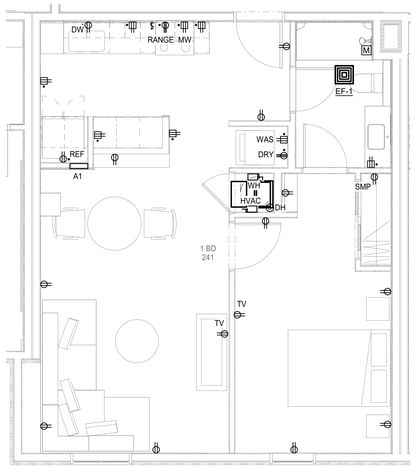

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3 **ENLARGED POWER PLAN - 1 BED 1 BATH ACCESSIBLE**
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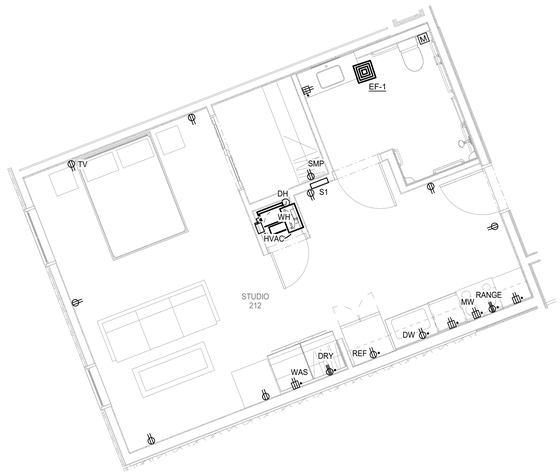

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1 **ENLARGED POWER PLAN - STUDIO ACCESSIBLE**
Scale: 1/4" = 1'-0"

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Gensler studio,kiro

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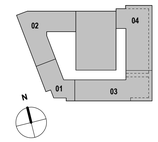

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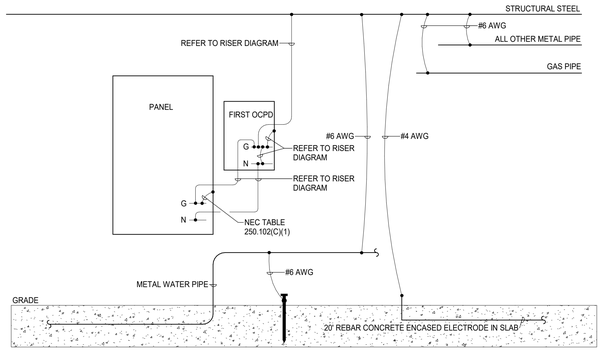


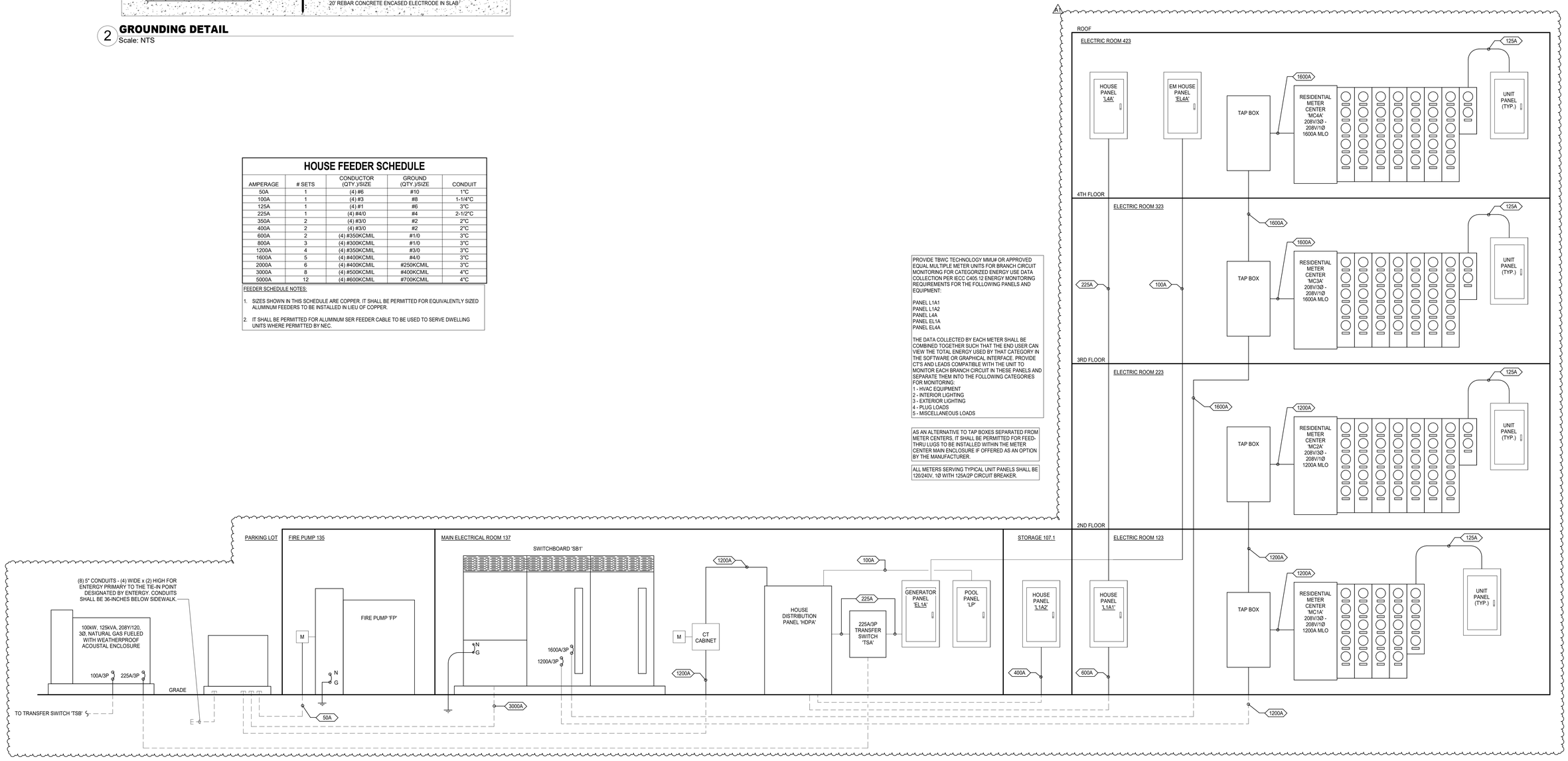
2 GROUNDING DETAIL
Scale: NTS

HOUSE FEEDER SCHEDULE

AMPERAGE	# SETS	CONDUCTOR (QTY.)/SIZE	GROUND (QTY.)/SIZE	CONDUIT
50A	1	(4) #6	#10	1"C
100A	1	(4) #3	#8	1-1/4"C
125A	1	(4) #1	#6	3"C
225A	1	(4) #4/0	#4	2-1/2"C
350A	2	(4) #3/0	#2	2"C
400A	2	(4) #3/0	#2	2"C
600A	2	(4) #350KCMIL	#1/0	3"C
800A	3	(4) #300KCMIL	#1/0	3"C
1200A	4	(4) #350KCMIL	#3/0	3"C
1600A	5	(4) #400KCMIL	#4/0	3"C
2000A	6	(4) #400KCMIL	#250KCMIL	3"C
3000A	8	(4) #500KCMIL	#400KCMIL	4"C
5000A	12	(4) #600KCMIL	#700KCMIL	4"C

FEEDER SCHEDULE NOTES:

1. SIZES SHOWN IN THIS SCHEDULE ARE COPPER. IT SHALL BE PERMITTED FOR EQUIVALENTLY SIZED ALUMINUM FEEDERS TO BE INSTALLED IN LIEU OF COPPER.
2. IT SHALL BE PERMITTED FOR ALUMINUM SER FEEDER CABLE TO BE USED TO SERVE DWELLING UNITS WHERE PERMITTED BY NEC.



PROVIDE TBWC TECHNOLOGY MMU# OR APPROVED EQUAL MULTIPLE METER UNITS FOR BRANCH CIRCUIT MONITORING FOR CATEGORIZED ENERGY USE DATA COLLECTION PER IECC C405.12 ENERGY MONITORING REQUIREMENTS FOR THE FOLLOWING PANELS AND EQUIPMENT:

PANEL L1A1
PANEL L1A2
PANEL L4A
PANEL EL1A
PANEL EL4A

THE DATA COLLECTED BY EACH METER SHALL BE COMBINED TOGETHER SUCH THAT THE END USER CAN VIEW THE TOTAL ENERGY USED BY THAT CATEGORY IN THE SOFTWARE OR GRAPHICAL INTERFACE. PROVIDE CT'S AND LEADS COMPATIBLE WITH THE UNIT TO MONITOR EACH BRANCH CIRCUIT IN THESE PANELS AND SEPARATE THEM INTO THE FOLLOWING CATEGORIES FOR MONITORING:
1 - HVAC EQUIPMENT
2 - INTERIOR LIGHTING
3 - EXTERIOR LIGHTING
4 - PLUG LOADS
5 - MISCELLANEOUS LOADS

AS AN ALTERNATIVE TO TAP BOXES SEPARATED FROM METER CENTERS, IT SHALL BE PERMITTED FOR FEED-THRU LUGS TO BE INSTALLED WITHIN THE METER CENTER MAIN ENCLOSURE IF OFFERED AS AN OPTION BY THE MANUFACTURER.

ALL METERS SERVING TYPICAL UNIT PANELS SHALL BE 120/240V, 1Ø WITH 125A/2P CIRCUIT BREAKER.

1 ELECTRICAL RISER DIAGRAM - XFMR #1
Scale: 12" = 1'-0"

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TRAPOLIN**PEER**
Gensler studio kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
trapolinpeer.com

OWNER
RDNI BATTURE, LLC
400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

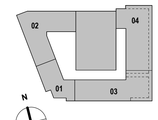
CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL RISER - TRANSFORMER #1

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E5.02

RESIDENTIAL FEEDER SCHEDULE

AMPERAGE	# SETS	CONDUCTOR (QTY.)/SIZE	GROUND (QTY.)/SIZE	CONDUIT
50A	1	(4) #6	#10	1"C
100A	1	(4) #3	#8	1-1/4"C
125A	1	(4) #1	#6	3"C
225A	1	(4) #4/0	#4	2-1/2"C
350A	2	(4) #3/0	#2	2"C
400A	2	(4) #3/0	#2	2"C
600A	2	(4) #350KCMIL	#1/0	3"C
800A	3	(4) #300KCMIL	#1/0	3"C
1200A	4	(4) #350KCMIL	#3/0	3"C
1600A	5	(4) #400KCMIL	#4/0	3"C
2000A	6	(4) #400KCMIL	#250KCMIL	3"C
3000A	8	(4) #500KCMIL	#400KCMIL	4"C
5000A	12	(4) #600KCMIL	#700KCMIL	4"C

FEEDER SCHEDULE NOTES:

1. SIZES SHOWN IN THIS SCHEDULE ARE COPPER. IT SHALL BE PERMITTED FOR EQUIVALENTLY SIZED ALUMINUM FEEDERS TO BE INSTALLED IN LIEU OF COPPER.
2. IT SHALL BE PERMITTED FOR ALUMINUM SER FEEDER CABLE TO BE USED TO SERVE DWELLING UNITS WHERE PERMITTED BY NEC.

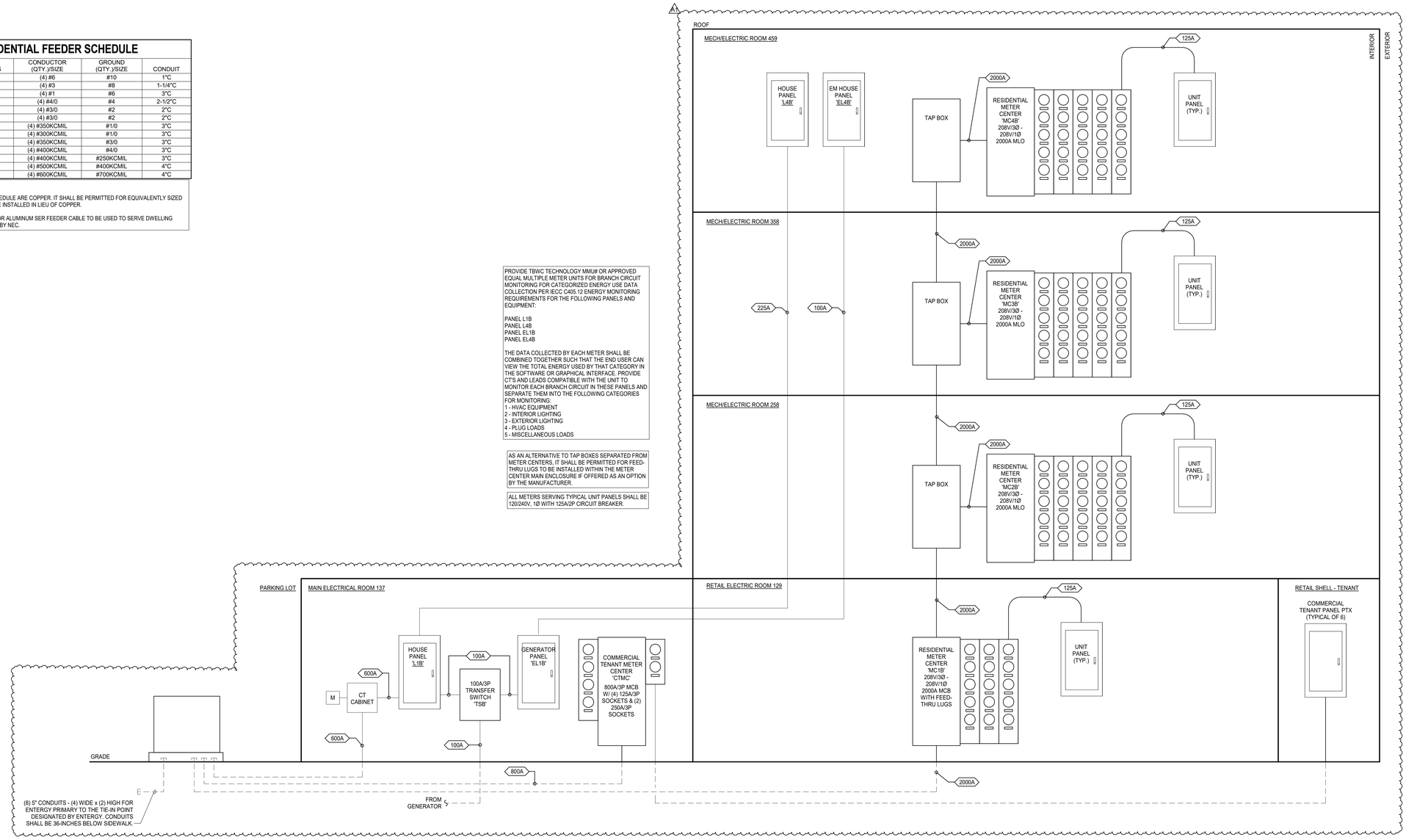
PROVIDE TBWC TECHNOLOGY MMU# OR APPROVED EQUAL MULTIPLE METER UNITS FOR BRANCH CIRCUIT MONITORING FOR CATEGORIZED ENERGY USE DATA COLLECTION PER IECC C405.12 ENERGY MONITORING REQUIREMENTS FOR THE FOLLOWING PANELS AND EQUIPMENT:

PANEL L1B
PANEL L4B
PANEL EL1B
PANEL EL4B

THE DATA COLLECTED BY EACH METER SHALL BE COMBINED TOGETHER SUCH THAT THE END USER CAN VIEW THE TOTAL ENERGY USED BY THAT CATEGORY IN THE SOFTWARE OR GRAPHICAL INTERFACE. PROVIDE CT'S AND LEADS COMPATIBLE WITH THE UNIT TO MONITOR EACH BRANCH CIRCUIT IN THESE PANELS AND SEPARATE THEM INTO THE FOLLOWING CATEGORIES FOR MONITORING:
1 - HVAC EQUIPMENT
2 - INTERIOR LIGHTING
3 - EXTERIOR LIGHTING
4 - PLUG LOADS
5 - MISCELLANEOUS LOADS

AS AN ALTERNATIVE TO TAP BOXES SEPARATED FROM METER CENTERS, IT SHALL BE PERMITTED FOR FEED-THRU LUGS TO BE INSTALLED WITHIN THE METER CENTER MAIN ENCLOSURE IF OFFERED AS AN OPTION BY THE MANUFACTURER.

ALL METERS SERVING TYPICAL UNIT PANELS SHALL BE 120/240V, 1Ø WITH 125A/2P CIRCUIT BREAKER.



TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

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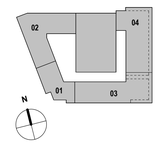
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL RESIDENTIAL - TRANSFORMER #2

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E5.03

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LOAD CENTER SCHEDULE

A1

MAIN: 125 **POLES:** 30 TOTAL

10,000 **VOLTAGE:** 120/208V 1PH, 3W

Note	CKT	SERVES	Breaker		A	B	Breaker		SERVES	CKT	Note
2	1	RANGE	40	2	0.1 / 0.4		1	20	KITCHEN RECEPTACLES	2	1
	3					0.1 / 0.5	1	20	KITCHEN RECEPTACLES	4	1
2	5	DRYER	30	2	0.1 / 0.2		1	20	REFRIGERATOR	6	1
	7					0.1 / 0.2	1	20	DISHWASHER	8	1
1	9	MICROWAVE/HOOD	20	1	0.2 / 0.2		1	20	WASHER	10	1
	11	EWH	30	2		2.3 / 1.3	1	20	GENERAL LIGHTING/RECEPTACLES	12	1
	13				2.3 / 1.4		1	20	GENERAL LIGHTING/RECEPTACLES	14	1
	15	FCU-1B	30	2		3.1 / 0.5	1	20	BATHROOM LIGHTING/RECEPTACLES	16	1
	17				3.1 / 1.0		1	20	DEHUMIDIFIER/MOTORIZED DAMPER	18	
--	19	SPARE	20	1		0.0 / 0.0	1	20	SPARE	20	--
--	21	SPARE	20	1	0.0 / 0.0		1	20	SPARE	22	--
--	23	SPARE	20	1		0.0 / 0.0	1	20	SPARE	24	--
--	25	SPARE	20	1	0.0 / 0.0		1	20	SPARE	26	--
--	27	SPARE	20	1		0.0 / 0.0	2	20	SPD (5)	28	
--	29	SPARE	20	1	0.0 / 0.0					30	--

S	SQUARE FOOTAGE	615	SF X 3 VA/SF	1.8 kVA	
U	KITCHEN/LAUNDRY	4500 VA		4.50 kVA	
M	RANGES	8000 VA		8.00 kVA	
M	DRYERS	5000 VA		5.00 kVA	
A	DISPOSALS	800 VA		0.80 kVA	
R	DISHWASHERS	1200 VA		1.20 kVA	
Y	MICROWAVE/HOOD	1000 VA		1.00 kVA	
	WATER HEATERS	3500 VA		3.50 kVA	
	SUBTOTAL			25.8 kVA	
	1ST 10KW	10.00 kVA	100%	10.0 kVA	
D	REMAINDER	15.8 kVA	40%	6.3 kVA	
E	HVAC (HEAT PUMP)	0.0 kVA	100%	0.0 kVA	
M	HVAC (COOLING)	0.0 kVA	100%	0.0 kVA	
A	HVAC (HEATING)	1.5 kVA	65%	1.0 kVA	
N	NEC 220-82				
D	TOTAL			17.3 kVA	
	AMPERES			72	

BREAKER NOTES:
(1) PROVIDE AFCI PROTECTION PER NEC REQUIREMENTS 210.12.
(2) PROVIDE GFCI PROTECTION PER NEC REQUIREMENTS 210.8.
(3) PROVIDE GFCI PROTECTION IF RECEPTACLE IS LOCATED WITHIN 6FT OF EDGE OF SINK.
(4) PROVIDE LOCK-OFF BREAKER.
(5) SPD SHALL HAVE A NOMINAL DISCHARGE CURRENT RATING (LN) OF NOT LESS THAN 10 KA.

DESIGN NOTES:
- BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE EQUIPPED WITH PAD-LOCK DEVICE SO THAT CIRCUITS CAN BE DISCONNECTED SIMULTANEOUSLY.
- FOR DWELLING UNITS DESIGNATED TO HAVE ACCESSIBLE MOBILITY FEATURES, OR THOSE DESIGNATED IBC ACCESSIBLE, TYPE A OR B, MAXIMUM HEIGHT TO ANY DEVICE HANDLE SHALL BE 48" A.F.F.

LOAD CENTER SCHEDULE

B1

MAIN: 125 **POLES:** 30 TOTAL

10,000 **VOLTAGE:** 120/208V 1PH, 3W

Note	CKT	SERVES	Breaker		A	B	C	Breaker		SERVES	CKT	Note
2	1	RANGE	40	2	0.1 / 0.4			1	20	KITCHEN RECEPTACLES	2	1
	3					0.1 / 0.5		1	20	KITCHEN RECEPTACLES	4	1
2	5	DRYER	30	2	0.1 / 0.2			1	20	REFRIGERATOR	6	1
	7					0.1 / 0.2		1	20	DISHWASHER	8	1
1	9	MICROWAVE/HOOD	20	1	0.2 / 0.2			1	20	WASHER	10	1
	11	EWH-2	30	2		2.3 / 1.1		1	20	GENERAL LIGHTING/RECEPTACLES	12	1
	13				2.3 / 1.9			1	20	GENERAL LIGHTING/RECEPTACLES	14	1
	15	FCU-2B	60	2		5.6 / 1.1		1	20	GENERAL LIGHTING/RECEPTACLES	16	1
	17				5.6 / 0.5			1	20	BATHROOM LIGHTING/RECEPTACLES	18	
--	19	SPARE	20	1		0.0 / 0.5		1	20	BATHROOM LIGHTING/RECEPTACLES	20	
--	21	SPARE	20	1	0.0 / 1.0			1	20	DEHUMIDIFIER/MOTORIZED DAMPER	22	
--	23	SPARE	20	1		0.0 / 0.0		1	20	SPARE	24	--
--	25	SPARE	20	1	0.0 / 0.0			1	20	SPARE	26	--
--	27	SPARE	20	1		0.0 / 0.0		2	30	SPD (5)	28	
--	29	SPARE	20	1	0.0 / 0.0						30	--

S	SQUARE FOOTAGE	918	SF X 3 VA/SF	2.8 kVA	
U	KITCHEN/LAUNDRY	4500 VA		4.50 kVA	
M	RANGES	8000 VA		8.00 kVA	
M	DRYERS	5000 VA		5.00 kVA	
A	DISPOSALS	800 VA		0.80 kVA	
R	DISHWASHERS	1200 VA		1.20 kVA	
Y	MICROWAVE/HOOD	1000 VA		1.00 kVA	
	WATER HEATERS	4500 VA		4.50 kVA	
	SUBTOTAL			27.8 kVA	
	1ST 10KW	10.00 kVA	100%	10.0 kVA	
D	REMAINDER	17.8 kVA	40%	7.1 kVA	
E	HVAC (HEAT PUMP)	0.0 kVA	100%	0.0 kVA	
M	HVAC (COOLING)	0.0 kVA	100%	0.0 kVA	
A	HVAC (HEATING)	4.1 kVA	65%	2.7 kVA	
N	NEC 220-82				
D	TOTAL			19.8 kVA	
	AMPERES			82	

BREAKER NOTES:
(1) PROVIDE AFCI PROTECTION PER NEC REQUIREMENTS 210.12.
(2) PROVIDE GFCI PROTECTION PER NEC REQUIREMENTS 210.8.
(3) PROVIDE GFCI PROTECTION IF RECEPTACLE IS LOCATED WITHIN 6FT OF EDGE OF SINK.
(4) PROVIDE LOCK-OFF BREAKER.
(5) SPD SHALL HAVE A NOMINAL DISCHARGE CURRENT RATING (LN) OF NOT LESS THAN 10 KA.

DESIGN NOTES:
- BREAKERS PROTECTING MULTI-WIRE BRANCH CIRCUITS SHALL BE EQUIPPED WITH PAD-LOCK DEVICE SO THAT CIRCUITS CAN BE DISCONNECTED SIMULTANEOUSLY.
- FOR DWELLING UNITS DESIGNATED TO HAVE ACCESSIBLE MOBILITY FEATURES, OR THOSE DESIGNATED IBC ACCESSIBLE, TYPE A OR B, MAXIMUM HEIGHT TO ANY DEVICE HANDLE SHALL BE 48" A.F.F.

LOAD CENTER SCHEDULE

S1

MAIN: 125 **POLES:** 30 TOTAL

10,000 **VOLTAGE:** 120/208V 1PH, 3W

Note	CKT	SERVES	Breaker		A	B	Breaker		SERVES	CKT	Note
2	1	RANGE	40	2	0.1 / 0.2		1	20	KITCHEN RECEPTACLES	2	1
	3					0.1 / 0.2	1	20	KITCHEN RECEPTACLES	4	1
2	5	DRYER	30	2	0.1 / 0.2		1	20	REFRIGERATOR	6	1
	7					0.1 / 0.2	1	20	DISHWASHER	8	1
1	9	MICROWAVE/HOOD	20	1	0.2 / 0.2		1	20	WASHER	10	1
	11	EWH-1	30	2		2.3 / 1.9	1	20	GENERAL LIGHTING/RECEPTACLES	12	1
	13				2.3 / 0.5		1	20	BATHROOM LIGHTING/RECEPTACLES	14	
	15	FCU-STUDIO	30	2		3.1 / 1.0	1	20	DEHUMIDIFIER/MOTORIZED DAMPER	16	
	17				3.1 / 0.0		1	20	SPARE	18	
--	19	SPARE	20	1		0.0 / 0.0	1	20	SPARE	20	--
--	21	SPARE	20	1	0.0 / 0.0		1	20	SPARE	22	--
--	23	SPARE	20	1		0.0 / 0.0	1	20	SPARE	24	--
--	25	SPARE	20	1	0.0 / 0.0		1	20	SPARE	26	--
--	27	SPARE	20	1		0.0 / 0.0	2	20	SPD (5)	28	
--	29	SPARE	20	1	0.0 / 0.0					30	--

S	SQUARE FOOTAGE	593	SF X 3 VA/SF	1.8 kVA	
U	KITCHEN/LAUNDRY	4500 VA		4.50 kVA	
M	RANGES	8000 VA		8.00 kVA	
M	DRYERS	5000 VA		5.00 kVA	
A	DISPOSALS	800 VA		0.80 kVA	
R	DISHWASHERS	1200 VA		1.20 kVA	
Y	MICROWAVE/HOOD	1000 VA		1.00 kVA	
	WATER HEATERS	3500 VA		3.50 kVA	
	SUBTOTAL			25.8 kVA	
	1ST 10KW	10.00 kVA	100%	10.0 kVA	
D	REMAINDER	15.8 kVA	40%	6.3 kVA	
E	HVAC (HEAT PUMP)	0.0 kVA	100%	0.0 kVA	
M	HVAC (COOLING)	0.0 kVA	100%	0.0 kVA	
A	HVAC (HEATING)	1.5 kVA	65%	1.0 kVA	
N	NEC 220-82				
D	TOTAL			17.3 kVA	
	AMPERES			72	

BREAKER NOTES:
(1) PROVIDE AFCI PROTECTION PER NEC REQUIREMENTS 210.12.
(2) PROVIDE GFCI PROTECTION PER NEC REQUIREMENTS 210.8.
(3) PROVIDE GFCI PROTECTION IF RECEPTACLE IS LOCATED WITHIN 6FT OF EDGE OF SINK.
(4) PROVIDE LOCK-OFF BREAKER.
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DESIGN NOTES:
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LIGHTING FIXTURE SCHEDULE

Type Mark	MANUFACTURER	CATALOG NUMBER MODEL	MOUNTING	LAMP TYPE	CCT	CRI	VOLTAGE	LOAD	REMARKS
A1	LITECONTROL	4L-XX-D-4FTSOF-C1-40K-D030-D01-1C-UNV	SURFACE	1,200L LED	4000 K	80	120	29 W	3"X4' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
A1E	LITECONTROL	4L-XX-D-4FTSOF-C1-40K-D030-D01-1C-UNV	SURFACE	1,200L LED	4000 K	80	120	29 W	3"X4' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
B1	PRESCOLITE	LFR-6R	RECESSED	2025L LED	4000 K	80	120	30 W	6-INCH LED DOWNLIGHT.
B1E	PRESCOLITE	LFR-6R	RECESSED	2025L LED	4000 K	80	120	30 W	6-INCH LED DOWNLIGHT.
C1	COLUMBIA	LCAT24-40HLG-EDU	SURFACE	5391L LED	4000 K	80	120	40 W	2'X4' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
C1E	COLUMBIA	LCAT24-40HLG-EDU	SURFACE	5391L LED	4000 K	80	120	40 W	2'X4' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
C2	COLUMBIA	LCAT26-40HLG-EDU	SURFACE	6200L LED	4000 K	80	120	55 W	2'X6' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
C2E	COLUMBIA	LCAT26-40HLG-EDU	SURFACE	6200L LED	4000 K	80	120	55 W	2'X6' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
C3	COLUMBIA	LCAT24-40HLG-EDU	SURFACE	5391L LED	4000 K	80	120	40 W	2'X2' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
D1E	LITHONIA	CSS L48 4000LM MVOLT 40K 80CRI	SURFACE	4298L LED	4000 K	80	120	35 W	1'X4' LED WITH 0-10V DIMMING DRIVER WITH DRYWALL KIT.
EM	EXITRONIX	LL12-54-0-W/T1212W	SURFACE			80	120	12 W	EMERGENCY (BUGEYE) LIGHTING
G2	LUMENS	FLOWERPOT VP1 PENDANT	PENDANT	1500L LED	2700 K	90	120	14 W	LED FLOWERPOT PENDANT W/ MUSTARD FINISH
G3	OCL	KWYET PENDANT	PENDANT	550L LED	4000 K	80	120	6 W	36" DECORATIVE LED PENDANT
GB1	BEGA	BEGA 77 146-K3	GROUND	1025L LED	3000 K	80	120	10 W	LED UPLIGHT FOR TREE LIGHTING. (ALTERNATE #4)
GP1	LITHONIA	RADPT LED P1 30K PATH MVOLT HS PT4 PE DDBXD - POLE LITHONIA RSS XX 4B PT DDBXD	POLE MOUNT 2 @ 180	3000L LED	3000 K	80	120	21 W	SINGLE HEAD LED POLE MOUNTED LIGHT FIXTURE, FURNISH FIXTURES WITH INTEGRAL MOTION AND PHOTOCELL SENSORS, HOUSE-SIDE SHIELD AND EXTERNAL SHIELD. FURNISH WITH 10-FOOT STRAIGHT ROUND POLE MOUNTED ABOVE GRADE POLE BASE. REFER TO POLE BASE DETAILS. (ALTERNATE #4)
H1-S	COMTRAN	CL-CLEX16-2-HO-CL-SL-20	SURFACE	4900L LED	2700 K	80	120	56 W	LED TAPE LIGHT, PROVIDE WITH DRIVERS AND MOUNTING CHANNELS AS REQUIRED. APPROXIMATELY 63'-0" LF.
S1	LSI	MRM	POLE MOUNT	24,000L LED	4000 K	80	120	161 W	SINGLE HEAD LED POLE MOUNTED LIGHT FIXTURE, FURNISH FIXTURES WITH INTEGRAL MOTION AND PHOTOCELL SENSORS, HOUSE-SIDE SHIELD AND EXTERNAL SHIELD. FURNISH WITH 25-FOOT STRAIGHT SQUARE POLE MOUNTED ON 3-FOOT ABOVE GRADE POLE BASE. REFER TO POLE BASE DETAILS.
S2	LSI	MRM	POLE MOUNT	24,000L LED	4000 K	80	120	322 W	DUAL HEAD LED POLE MOUNTED LIGHT FIXTURE, FURNISH FIXTURES WITH INTEGRAL MOTION AND PHOTOCELL SENSORS, HOUSE-SIDE SHIELD AND EXTERNAL SHIELD. FURNISH WITH 25-FOOT STRAIGHT SQUARE POLE MOUNTED ON 3-FOOT ABOVE GRADE POLE BASE. REFER TO POLE BASE DETAILS.
U1	PRESCOLITE	LFR-6R	RECESSED	2025L LED	4000 K	80	120	30 W	6-INCH LED DOWNLIGHT.
UF	HINKLEY	90105BBN-NDD	SURFACE	3,000L LED	4000 K	80	120	55 W	FAN WITH LED LIGHT KIT
UV	HUBBELL	TRP2-24L-30-4K7-3	WALL	3747L LED	4000 K	80	120	30 W	LED VANITY LIGHT
WP	HUBBELL	TRP2-24L-30-4K7-3	WALL	3747L LED	4000 K	80	120	30 W	EXTERIOR WALL PACK
X1	DUAL LITE	LX-U-R-W-E-1	SURFACE	LED		0	120	10 W	UNIVERSAL LED EXIT SIGN MOUNTED WITH WHITE HOUSING, RED LETTERING AND EMERGENCY BATTERY BACK-UP.
X2	DUAL-LITE	EVE-U-R-W-E-I	SURFACE	LED		0	120	10 W	UNIVERSAL LED EXIT SIGN WITH WHITE HOUSING, RED LETTERING AND EMERGENCY BATTERY BACK-UP.

1 FIXTURES SHOWN ON THE FLOORPLAN HAVING A DESIGNATION OF "E" FOLLOWING THE BASE DESIGNATION (I.E. - A FIXTURE TYPE "AE, C2E, FE") AND/OR A HALF SHADED REGION SHALL BE THE BASE FIXTURE TYPE EQUIPPED WITH THE APPROPRIATE BATTERY BACK-UP. BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE AND REMOTE SHALL BE SELECTED ONLY IN INSTANCES WHERE IT IS SPECIFIED OR WHEN IT IS THE ONLY AVAILABLE EMERGENCY OPTION. THE LOCATION OF REMOTE BATTERY BACKUPS SHALL BE SELECTED BY THE OWNER/ARCHITECT PRIOR TO INSTALLATION BY THE CONTRACTOR.

2 ALL REQUIRED TEST SWITCHES FOR THE BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE.

3 REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHTING FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHTING FIXTURE SCHEDULE AND THE SPECIFICATIONS, THE GREATER QUANTITY OR HIGHER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.

4 UNLESS OTHERWISE INDICATED ON THE SCHEDULE ABOVE, THE ARCHITECT/OWNER SHALL SELECT ALL FINISHES, COLORS, AND TRIMS.

5 ALL LED FIXTURE BOARDS AND DRIVERS SHALL BE OF THE LATEST GENERATION, BASED UPON THE INDIVIDUAL MANUFACTURER'S STATED LITERATURE. IF A "GEN 5" IS AVAILABLE, "GEN 4" FIXTURES ARE NOT ACCEPTABLE.

6 EXIT SIGNS AND EMERGENCY BATTERY BACK-UPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AS REQUIRED TO MAINTAIN THE BATTERIES AT FULL CHARGE. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL WIRING AS REQUIRED.

7 LIGHTING FIXTURE MANUFACTURERS OTHER THAN THOSE LISTED IN THE LIGHTING FIXTURE SCHEDULE AND DESIRING TO BID THIS PROJECT SHALL REQUEST PRIOR APPROVAL OF THE FIXTURES THEY WISH TO SUBSTITUTE. PRIOR APPROVAL REQUEST SHALL INCLUDE FIXTURE CUT SHEETS.

8 FOR PRIOR APPROVALS AND SUBMITTALS THAT DEVIATE FROM NOMINAL WATTAGE AND/OR DELIVERED LUMENS, IT SHALL BE UP THE ENGINEER'S SOLE DISCRETION TO APPROVE OR DECLINE THESE FIXTURES BASED ON ANY AND ALL FACTORS INCLUDING BUT NOT LIMITED TO INTENDED LIGHTING LEVELS FOR EACH SPACE AND IMPACT ON THE OVERALL ELECTRICAL POWER SYSTEM.

9 ALL LIGHTING SPECIFIED SHALL BE 4000K INTERIOR UNLESS NOTED OTHERWISE.

10 THE CONTRACTOR SHALL PROVIDE ALL HARDWARE AND ACCESSORIES AS REQUIRED TO INSTALL FIXTURES IN LOCATIONS AS ILLUSTRATED WITH MOUNTING METHODS DESIRED.

11 WHEN A UNIVERSAL (120-277V) VOLTAGE OPTION IS AVAILABLE, IT SHALL BE PROVIDED. OTHERWISE PROVIDE AS INDICATED IN SCHEDULE.

12 FOR ALL SUSPENDED FIXTURES, COORDINATE THE EXACT MOUNTING ELEVATION ABOVE FINISHED FLOOR WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SUSPENSION HARDWARE IN LENGTHS AS REQUIRED.

13 FIXTURES SHOWN ON THE FLOORPLAN HAVING A DESIGNATION OF "X" FOLLOWING THE BASE DESIGNATION (I.E. - A FIXTURE TYPE "AX, C2X, FX") SHALL BE THE BASE FIXTURE TYPE CONNECTED TO EMERGENCY LIGHTING INVERTER SYSTEM. REFER TO DETAIL 3 SHEET 10.42 FOR ADDITIONAL INFORMATION.

14 FIXTURES SHOWN ON THE FLOORPLAN HAVING A DESIGNATION OF "A" FOLLOWING THE BASE DESIGNATION (I.E. - A FIXTURE T YPE "A1A, C2A, FA") SHALL BE THE BASE FIXTURE TYPE EXCEPT SUITABLE FOR GYPSUM CEILING INSTALLATION AND EQUIPPED WITH THE APPROPRIATE BATTERY BACK-UP. BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE AND REMOTE SHALL BE SELECTED ONLY IN INSTANCES WHERE IT IS SPECIFIED OR WHEN IT IS THE ONLY AVAILABLE EMERGENCY OPTION. THE LOCATION OF REMOTE BATTERY BACKUPS SHALL BE SELECTED BY THE OWNER/ARCHITECT PRIOR TO INSTALLATION BY THE CONTRACTOR.

15 ALL EXTERIOR LIGHT FIXTURES RECESSED IN A CANOPY OR SURFACED MOUNTED DIRECTLY TO THE BOTTOM OF A CANOPY SHALL BE UL OR ETL LISTED AS WET LOCATION. WHERE SPECIFICALLY STATED IN THE LIGHTING FIXTURE SCHEDULE AS "DAMP LOCATION" FIXTURES AND PROTECTED BY THE BUILDING STRUCTURE FROM FALLING OR WIND DRIVEN RAIN OR SNOW, THEY MAY BE EITHER DAMP OR WET LOCATION LISTED.

16 ALL EXTERIOR LIGHT FIXTURES NOT RECESSED IN A CANOPY OR SURFACED MOUNTED DIRECTLY TO THE BOTTOM OF A CANOPY SHALL BE UL OR ETL LISTED AS WET FROM ABOVE LOCATION.

Switchboard: SB1

Location: MAIN ELEC 137 **Volts:** 120/208V 3PH **A.I.C. Rating:** 65,000
Supply From: Utility **Phases:** 3
Mounting: **Wires:** 4 **Mains Rating:** 3000
Enclosure:

CKT	Circuit Description	Trip Rating	# of Poles	Load	Wire	Remarks
1	MC1A	1200	3	0.0 kVA		
2	MC3A	1600	3	0.0 kVA		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
			Total Conn...	0.0 kVA		
			Total Amps:	0		

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0
				Total Est. Demand...	0

Notes:

TRAPOLIN**PEER**
Gensler studio,kiro

GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT

LOT 5B - MULTIFAMILY + COMMERCIAL

1480 TCHOUPITOULAS STREET
NEW ORLEANS, LOUISIANA 70130

TRAPOLIN-PEER ARCHITECTS
850 TCHOUPITOULAS STREET
NEW ORLEANS, LA 70130
504.523.2772
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OWNER
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400 POYDRAS ST., SUITE 2620
NEW ORLEANS, LA 70130
504.291.6100

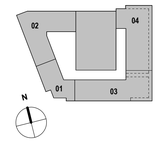
CONTRACTOR
GIBBS CONSTRUCTION
5736 CITRUS BLVD, STE. 200
NEW ORLEANS, LA 70123
504.733.4336

STATE OF LOUISIANA
JOHN PALERMO
License No. 44345
PROFESSIONAL ENGINEER

01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL SCHEDULES

Salas O'Brien
salasobrien.com 225-766-8002
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857
Project No: 2550-00182

E6.01

1/29/2026 10:51:39 AM
Autodesk Docs://24 - 22194 - River District/2550-00182_River District_MEP_R24.rvt

Branch Panel: EL1A

Location: MAIN ELEC 137 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 65,000
Supply From: HDPA | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 225A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1				2.9 / 2.9						2	
	3	BP-1	#2	70	3	2.9 / 2.9		3	70	#2 BP-2	4	
	5						2.9 / 2.9				6	
	7				2.9 / 7.3						8	
	9	BP-3	#2	70	3	2.9 / 7.3		3	100	#3 ELEVATOR #1 POWER	10	
	11						2.9 / 7.3				12	
	13				0.0 / 0.4						14	
	15	PANEL 'EL4A'	#3	100	3	0.0 / 0.4		3	20	#12 JOCKEY PUMP (JP-1)	16	
	17						0.0 / 0.4				18	
--	19	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	20	--
--	21	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	22	--
--	23	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	26	--
--	27	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	28	--
--	29	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	30	--
--	31	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	32	--
--	33	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	34	--
--	35	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	38	--
--	39	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	40	--
--	41	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			16.5 kVA	16.5 kVA	16.5 kVA					
		Total Amps:			137 A	137 A	137 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	23.3 kVA	100.00%	23.3 kVA		
Motor	26.2 kVA	100.00%	26.2 kVA	**Total Conn. Load:**	49.4 kVA
				Total Est. Demand:	49.4 kVA
				Total Conn. Current:	137 A
				Total Est. Demand Current:	137 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER

Branch Panel: EL4A

Location: ELEC 423 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: EL1A | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 100A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
		Total Load:			0.0 kVA	0.0 kVA	0.0 kVA					
		Total Amps:			0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER

Branch Panel: EL1B

Location: RETAIL ELEC 129 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: L1B | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 100A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1				7.3 / 0.0						2	
	3	ELEVATOR #2 POWER	#3	100	3	7.3 / 0.0		3	100	1-L PANEL 'EL4B'	4	
	5						7.3 / 0.0				6	
--	7	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	8	--
--	9	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	10	--
--	11	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	12	--
--	13	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	14	--
--	15	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	16	--
--	17	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	18	--
--	19	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	20	--
--	21	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	22	--
--	23	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	26	--
--	27	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	28	--
--	29	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	30	--
--	31	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	32	--
--	33	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	34	--
--	35	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	38	--
--	39	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	40	--
--	41	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			7.3 kVA	7.3 kVA	7.3 kVA					
		Total Amps:			61 A	61 A	61 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	22.0 kVA	100.00%	22.0 kVA		
				Total Conn. Load:	22.0 kVA
				Total Est. Demand:	22.0 kVA
				Total Conn. Current:	61 A
				Total Est. Demand Current:	61 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
1-L - REFER TO RISER DIAGRAM FOR CONDUCTOR SIZING

Branch Panel: EL4B

Location: MECH/ELEC 459 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: EL1B | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 100A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
		Total Load:			0.0 kVA	0.0 kVA	0.0 kVA					
		Total Amps:			0 A	0 A	0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER

Branch Panel: L1A1

Location: DATA 123 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: HDPA | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 600A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	REC - MAIN ELEC ROOM/BACK OF HOUSE	#12	20	1	1.4 / 1.4		1	20	#12 REC - GENERAL CORRIDOR 1ST FLOOR	2	
	3	REC - GENERAL CORRIDOR 1ST FLOOR	#12	20	1		0.7 / 1.1	1	20	#12 REC - FITNESS CENTER	4	
	5	REC - FITNESS CENTER	#12	20	1		0.9 / 0.2	1	20	#12 REC - FITNESS TREADMILL	6	
	7	REC - FITNESS TREADMILL	#12	20	1	0.2 / 0.2		1	20	#12 REC - FITNESS TREADMILL	8	
	9	REC - FITNESS TREADMILL	#12	20	1		0.2 / 1.1	1	20	#12 REC - GENERAL COMMUNITY KITCHEN	10	
	11	REC - COMMUNITY ROOM	#12	20	1		0.9 / 0.9	1	20	#12 REC - COMMUNITY ROOM	12	
	13	REC - REF/ICE MAKDER COMM KITCHEN	#12	20	1	0.4 / 0.5		1	20	#12 REC - COMMUNITY ROOM FLOOR BOXES	14	
	15	REC - GENERAL EXTERIOR	#12	20	1		0.5 / 0.4	1	20	#12 REC - COMMUNITY KITCHEN	16	
	17	REC - GENERAL CORRIDOR 2ND FLOOR	#12	20	1		1.3 / 1.1	1	20	#12 REC - GENERAL CORRIDOR 2ND FLOOR	18	
	19	REC - AMENITY AREA 2ND FLOOR	#12	20	1	1.4 / 1.1		1	20	#12 REC - AMENITY AREA 2ND FLOOR	20	
	21	REC - VIRTUAL ROOMS 2ND FLOOR	#12	20	1		0.7 / 1.1	1	20	#12 REC - YOGA/ WORKSPACE 2ND FLOOR	22	
	23	REC - GENERAL CORRIDOR 2ND FLOOR	#12	20	1		0.9 / 0.7	1	20	#12 REC - VIRTUAL ROOMS 2ND FLOOR	24	
	25	LTG - ELEVATOR CAB LIGHTING	#12	20	1	0.5 / 0.5		1	20	#12 GENERATOR BATTERY CHARGER	26	
	27	LTG/REC - ELEVATOR PIT	#12	20	1		0.2 / 0.7	1	20	#12 REC - COMMUNITY ROOM	28	
	29	SUMP PUMP	#12	15	1		0.2 / 0.3	2	30	#10 GENERATOR HEATER	30	
	31	REC - ELECTRIC WATER COOLER	#12	20	1	0.2 / 0.3					32	
	33	LTG - BACK OF HOUSE/ELEC ROOM	#12	20	1		1.5 / 1.2	1	20	#12 LTG - FITNESS ROOM	34	
	35	IWH-3 - RESTROOM 131.1	#12	20	2		2.1 / 0.8	1	20	#12 LTG - GENERAL CORRIDOR 1ST FLOOR	36	
	37					2.1 / 0.7		1	20	#12 LTG - GENERAL CORRIDOR 1ST FLOOR	38	
	39	FCU-COMM-2	#3	100	2		8.4 / 0.8	2	100	#3 FCU-FITNESS	40	
	41						8.4 / 0.8				42	
	43	FCU-LEASING-A	#3	100	2	0.8 / 0.8		2	100	#3 FCU-FITNESS	44	
	45						0.8 / 0.8				46	
	47	FCU-LEASING-B	#3	100	2		8.4 / 5.6	2	60	#6 FCU-CORRIDOR	48	
	49					8.4 / 5.6					50	
	51	FCU-SS2A	#3	100	2		8.4 / 5.6	2	60	#6 FCU-SS2B	52	
	53						8.4 / 5.6				54	
G	55	REC - EWC LEVEL 2 AMENITY	#12	20	1	0.2 / 5.6		2	60	#6 FCU - CORRIDOR	56	
	57	LTG - GENERAL AMENITY 2ND FLOOR	#12	20	1		1.1 / 5.6				58	
	59	LTG - GENERAL AMENITY 2ND FLOOR	#12	20	1		1.0 / 0.7	1	20	#12 LTG - GENERAL CORRIDOR 2ND FLOOR	60	
	61	LTG - GENERAL CORRIDOR 2ND FLOOR	#12	20	1	1.3 / 1.0		1	20	#12 LTG - GENERAL CORRIDOR 1ST FLOOR	62	
	63	LTG - GENERAL AMENITY 2ND FLOOR	#12	20	1		0.7 / 0.0	1	20	-- SPARE	64	--
--	65	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	66	--
--	67	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	68	--
--	69	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	70	--
--	71	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	72	--
--	73	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	74	--
--	75	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	76	--
--	77	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	78	--
	79					20.9 / 0.0		1	20	-- SPARE	80	--
	81	PANEL 'L4A'	1-L	225	3		16.2 / 0.0	1	20	-- SPARE	82	--
	83						14.9 / 0.0	1	20	-- SPARE	84	--
		Total Load:			55.5 kVA	58.0 kVA	64.1 kVA					
		Total Amps:			462 A	487 A	538 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	119.9 kVA	100.00%	119.9 kVA		
Lighting	17.1 kVA	125.00%	21.4 kVA	**Total Conn. Load:**	177.6 kVA
Miscellaneous	5.7 kVA	100.00%	5.7 kVA	**Total Est. Demand:**	169.4 kVA
Receptacles	34.9 kVA	64.32%	22.5 kVA	**Total Conn. Current:**	493 A
				Total Est. Demand Current:	470 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
1-L - REFER TO RISER DIAGRAM FOR CONDUCTOR SIZING

Branch Panel: L1A2

Location: STORAGE 107.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: HDPA | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 400A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	REC - ELECTRIC WATER COOLER	#12	20	1	0.2 / 1.3		1	20	#12 REC - AMENITY LOBBY/VESTIBULE	2	
	3	REC - VENDING MACHINE	#12	20	1		0.2 / 0.7	1	20	#12 REC - MAIN LOBBY	4	
	5	REC- PLUMBING SENSOR/SOAP DISPENSER	#12	20	1			1	20	#12 REC - FITNESS TREADMILL	6	
	7	REC - AMENITY OFFICE	#12	20	1	1.1 / 0.7		1	20	#12 REC - AMENITY OFFICE	8	
	9	EHU-FP	#12	20	1		25.0 / 2.3	2	30	#10 EWH-3	10	
	11	LTG - AMENITY/MAIL ROOM	#12	20	1		0.8 / 2.3				12	
	13	LTG - COMMUNITY AREA	#12	20	1	2.2 / 5.6					14	
	15	LTG - AMENITY AREA OFFICES	#12	20	1		1.8 / 5.6	2	60	#6 FCU-COMM1	16	
	17	IWH-2 - COMMUNITY KITCHEN	#10	30	2			1	20	-- SPARE	18	--
	19					3.1 / 0.0		1	20	-- SPARE	20	--
	21	IWH-3 - RESTROOM 108	#12	20	2		2.1 / 0.0	1	20	-- SPARE	22	--
	23						2.1 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	26	--
--	27	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	28	--
--	29	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	30	--
--	31	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	32	--
--	33	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	34	--
--	35	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20	1	0.0 / 0.0		1	20	-- SPARE	38	--
--	39	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	40	--
--	41	SPARE	--	20	1		0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			14.2 kVA	37.7 kVA	9.7 kVA					
		Total Amps:			124 A	320 A	81 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	12.5 kVA	100.00%	12.5 kVA		
Heating	25.0 kVA	100.00%	25.0 kVA	**Total Conn. Load:**	61.5 kVA
Lighting	3.5 kVA	125.00%	4.4 kVA	**Total Est. Demand:**	62.4 kVA
Miscellaneous	15.6 kVA	100.00%	15.6 kVA	**Total Conn. Current:**	171 A
Receptacles	4.9 kVA	100.00%	4.9 kVA	**Total Est. Demand Current:**	173 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER

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Project No: 2550-00182

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GMP DOCUMENTS

THE RIVANA @ RIVER DISTRICT
LOT 5B - MULTIFAMILY + COMMERCIAL

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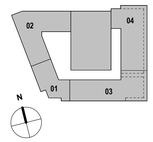
01/29/2026
NOT FOR CONSTRUCTION

INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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PROJECT NUMBER
CN22194

ISSUE DATE
2025_07-25

ELECTRICAL
SCHEDULES

E6.02

Branch Panel: HDPA

Location: MAIN ELEC 137 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 65,000
Supply From: | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 1600A MCB

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1				55.5 / 16.5						2	
	3	PANEL 'L1A1'	1-L	600 3		58.0 / 16.5		3	225	1-L PANEL 'EL1A'	4	
	5						64.1 / 16.5				6	
	7				14.2 / 0.0						8	
	9	PANEL 'L1A2'	1-L	400 3		37.7 / 0.0		3	100	1-L PANEL 'LP'	10	
	11						9.7 / 0.0				12	
--	13	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	14	--
--	15	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	16	--
--	17	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	18	--
--	19	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	20	--
--	21	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	22	--
--	23	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	26	--
--	27	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	28	--
--	29	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	30	--
--	31	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	32	--
--	33	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	34	--
--	35	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	38	--
--	39	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	40	--
--	41	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			86.1 kVA	112.1 kVA	90.3 kVA					
		Total Amps:			718 A	940 A	758 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	132.4 kVA	100.00%	132.4 kVA		
Heating	25.0 kVA	100.00%	25.0 kVA	**Total Conn. Load:**	288.5 kVA
Lighting	20.6 kVA	125.00%	25.8 kVA	**Total Est. Demand:**	278.8 kVA
Miscellaneous	44.5 kVA	100.00%	44.5 kVA	**Total Conn. Current:**	801 A
Motor	26.2 kVA	100.00%	26.2 kVA	**Total Est. Demand Current:**	774 A
Receptacles	39.8 kVA	62.57%	24.9 kVA		

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
1-L - REFER TO RISER DIAGRAM FOR CONDUCTOR SIZING

Branch Panel: L1B

Location: RETAIL ELEC 129 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: HDPB | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 600A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	REC - GENERAL CORRIDOR	#12	20 1	1.1 / 0.2			1	20	#12 LTG/REC - ELEVATOR PIT	2	
	3	EXTERNAL SIGNAGE	#12	20 1		1.5 / 0.5		1	20	#12 LTG - ELEVATOR CAB LIGHTING	4	
	5	EXTERNAL SIGNAGE	#12	20 1			1.5 / 0.5	1	20	#12 REC - LOBBY	6	
	7	REC - MAIN TRASH ROOM	#12	20 1	0.4 / 0.5			1	20	#12 REC - GENERAL EXTERIOR	8	
	9					1.9 / 0.9		1	20	#12 REC - GENERAL EXTERIOR	10	
	11	REC - TRASH COMPACTOR	#12	20 3			1.9 / 0.2	1	20	#12 REC - RETAIL ELECTRICAL ROOM	12	
	13				1.9 / 1.1			1	20	#12 REC - GENERAL CORRIDOR 2ND FLOOR	14	
	15	REC - GENERAL CORRIDOR 2ND FLOOR	#12	20 1		1.3 / 0.2		1	20	#12 SUMP PUMP	16	
	17	REC - GENERAL CORRIDOR 2ND FLOOR	#12	20 1			0.9 / 5.6	2	60	#6 FCU-CORRIDOR	18	
	19	LTG - TRASH ROOM	#12	20 1	0.2 / 5.6						20	
	21	LTG - GENERAL AMENITY 2ND FLOOR	#12	20 1		1.8 / 2.1		2	30	#10 IWH-1 - MAIN TRASH ROOM	22	
	23	LTG - GENERAL AMENITY 2ND FLOOR	#12	20 1			1.2 / 2.1				24	
	25	EF - TRASH	#12	20 2	0.0 / 0.2			1	20	#12 LTG - LOBBY 185	26	
	27					0.0 / 5.6		2	60	#6 FCU-CORRIDOR	28	
	29	FCU-COORIDOR	#6	60 2			5.6 / 5.6				30	
	31				5.6 / 7.3						32	
	33	EWH-3 - 2ND FLOOR	#10	30 2		2.3 / 7.3		3	100	#3 PANEL 'EL1B'	34	
	35						2.3 / 7.3				36	
	37				17.9 / 0.0			1	20	-- SPARE	38	--
	39	PANEL 'L4B'	1-L	225 3		22.6 / 0.0		1	20	-- SPARE	40	--
	41						21.2 / 0.0	1	20	-- SPARE	42	--
		Total Load:			42.1 kVA	47.9 kVA	55.9 kVA					
		Total Amps:			351 A	407 A	473 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	90.2 kVA	100.00%	90.2 kVA		
Lighting	7.1 kVA	125.00%	8.9 kVA	**Total Conn. Load:**	146.0 kVA
Miscellaneous	35.2 kVA	100.00%	35.2 kVA	**Total Est. Demand:**	146.0 kVA
Receptacles	13.5 kVA	87.04%	11.8 kVA	**Total Conn. Current:**	405 A
				Total Est. Demand Current:	405 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER
1-L - REFER TO RISER DIAGRAM FOR CONDUCTOR SIZING

Branch Panel: L4A

Location: ELEC 423 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: L1A1 | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 225A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	REC - GENERAL CORRIDOR 3RD FLOOR	#12	20 1	1.1 / 1.3			1	20	#12 REC - GENERAL CORRIDOR 3RD FLOOR	2	
	3	REC - GENERAL CORRIDOR 3RD FLOOR	#12	20 1		0.9 / 1.3		1	20	#12 REC - RESIDENTIAL LOUNGE 3RD FLOOR	4	
	5	REC - RESIDENTIAL LOUNGE/FLEX SPACE	#12	20 1			1.1 / 1.1	1	20	#12 REC - VIRTUAL ROOMS 3RD FLOOR	6	
	7	REC - VENDING MACHINE	#12	20 1	0.2 / 1.1			1	20	#12 REC - GENERAL CORRIDOR 4TH FLOOR	8	
	9	REC - GENERAL CORRIDOR 4TH FLOOR	#12	20 1		1.3 / 0.9		1	20	#12 REC - GENERAL CORRIDOR 4TH FLOOR	10	
	11	REC - RESIDENTIAL LOUNGE 4TH FLOOR	#12	20 1			1.1 / 1.1	1	20	#12 REC - YOGA/ WORKSPACE 4TH FLOOR	12	
	13	REC - VIRTUAL ROOMS 4TH FLOOR	#12	20 1	0.7 / 0.9			1	20	#12 REC - THEATER ROOM 4TH FLOOR	14	
	15	LTG - GENERAL CORRIDOR 3RD FLOOR	#12	20 1		1.3 / 0.2		1	20	#12 REC - EWC LEVEL 3 AMENITY	16	G
	17	LTG - GENERAL CORRIDOR 3RD FLOOR	#12	20 1			0.7 / 5.6	2	60	#6 FCU-COORIDOR	18	
	19	LTG - GENERAL CORRIDOR 3RD FLOOR	#12	20 1	0.7 / 5.6						20	
	21	LTG - GENERAL AMENITY 3RD FLOOR	#12	20 1		0.9 / 0.8		2	100	#3 FCU-SS3A	22	
	23	LTG - GENERAL AMENITY 3RD FLOOR	#12	20 1			1.0 / 0.8				24	
	25	FCU-SS3B	#10	30 2	0.8 / 0.7			1	20	#12 LTG - GENERAL CORRIDOR 4TH FLOOR	26	
	27					0.8 / 0.7		1	20	#12 LTG - GENERAL CORRIDOR 4TH FLOOR	28	
	29	LTG - GENERAL AMENITY 4TH FLOOR	#12	20 1			0.7 / 0.8	1	20	#12 LTG - GENERAL AMENITY 4TH FLOOR	30	
	31	LTG - GENERAL CORRIDOR 4TH FLOOR	#12	20 1	1.3 / 0.8			2	100	#3 FCU-SS4A	32	
	33					0.8 / 0.8					34	
	35	FSU-SS4B	#6	60 2			0.8 / 0.2	1	20	#12 REC - EWC LEVEL 4 AMENITY	36	G
	37				5.6 / 0.0			1	20	-- SPARE	38	--
	39	FCU-CORRIDOR	#6	60 2		5.6 / 0.0		1	20	-- SPARE	40	--
--	41	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			20.9 kVA	16.2 kVA	14.9 kVA					
		Total Amps:			175 A	137 A	124 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	29.7 kVA	100.00%	29.7 kVA		
Lighting	8.1 kVA	125.00%	10.1 kVA	**Total Conn. Load:**	52.0 kVA
Receptacles	14.2 kVA	85.16%	12.1 kVA	**Total Est. Demand:**	51.9 kVA
				Total Conn. Current:	144 A
				Total Est. Demand Current:	144 A

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER

Branch Panel: L4B

Location: MECH/ELEC 459 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: L1B | **Phases:** 3 | **Enclosure:** Type 1
Mounting: Surface | **Wires:** 4 | **Mains:** 225A

Phase in kVA

Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note
	1	REC - GENERAL CORRIDOR 3RD FLOOR	#12	20 1	1.3 / 1.1			1	20	#12 REC - GENERAL CORRIDOR 3RD FLOOR	2	
	3	REC - GENERAL CORRIDOR 3RD FLOOR	#12	20 1		0.9 / 1.1		1	20	#12 REC - GENERAL CORRIDOR 4TH FLOOR	4	
	5	REC - GENERAL CORRIDOR 4TH FLOOR	#12	20 1			1.1 / 0.9	1	20	#12 REC - GENERAL CORRIDOR 4TH FLOOR	6	
	7	LTG - GENERAL CORRIDOR 3RD FLOOR	#12	20 1	1.2 / 0.9			1	20	#12 LTG - GENERAL CORRIDOR 4TH FLOOR	8	
	9	LTG - GENERAL CORRIDOR 3RD FLOOR	#12	20 1		1.8 / 1.8		1	20	#12 LTG - GENERAL CORRIDOR 4TH FLOOR	10	
	11	FCU-CORRIDOR	#6	60 2			5.6 / 2.3	2	30	#10 EWH-3 - 4TH FLOOR	12	
	13				5.6 / 2.3						14	
	15	FCU-CORRIDOR	#6	60 2		5.6 / 5.6		2	60	#6 FCU-CORRIDOR	16	
	17						5.6 / 5.6				18	
	19	FCU-CORRIDOR	#6	60 2	5.6 / 0.0			1	20	-- SPARE	20	--
	21					5.6 / 0.0		1	20	-- SPARE	22	--
--	23	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	26	--
--	27	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	28	--
--	29	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	30	--
--	31	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	32	--
--	33	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	34	--
--	35	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20 1	0.0 / 0.0			1	20	-- SPARE	38	--
--	39	SPARE	--	20 1		0.0 / 0.0		1	20	-- SPARE	40	--
--	41	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	42	--
		Total Load:			17.9 kVA	22.6 kVA	21.2 kVA					
		Total Amps:			150 A	192 A	181 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	50.9 kVA	100.00%	50.9 kVA		
Lighting	4.4 kVA	125.00%	5.6 kVA	**Total Conn. Load:**	61.7 kVA
Miscellaneous	0.0 kVA	0.00%	0.0 kVA	**Total Est. Demand:**	62.8 kVA
Receptacles	6.3 kVA	100.00%	6.3 kVA	**Total Conn. Current:**	171 A
				Total Est. Demand Current:	174 A

Notes:

Abbrevations:
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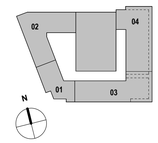
INITIAL ISSUE & REVISIONS

NUMBER	DESCRIPTION	DATE
SD	SD DELIV.	2025_07-25
GMP	GMP	2025_10-30
A1	Addendum 01	2026_01-30



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