

DESIGN DEVELOPMENT

HAGAN & BANKS

TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

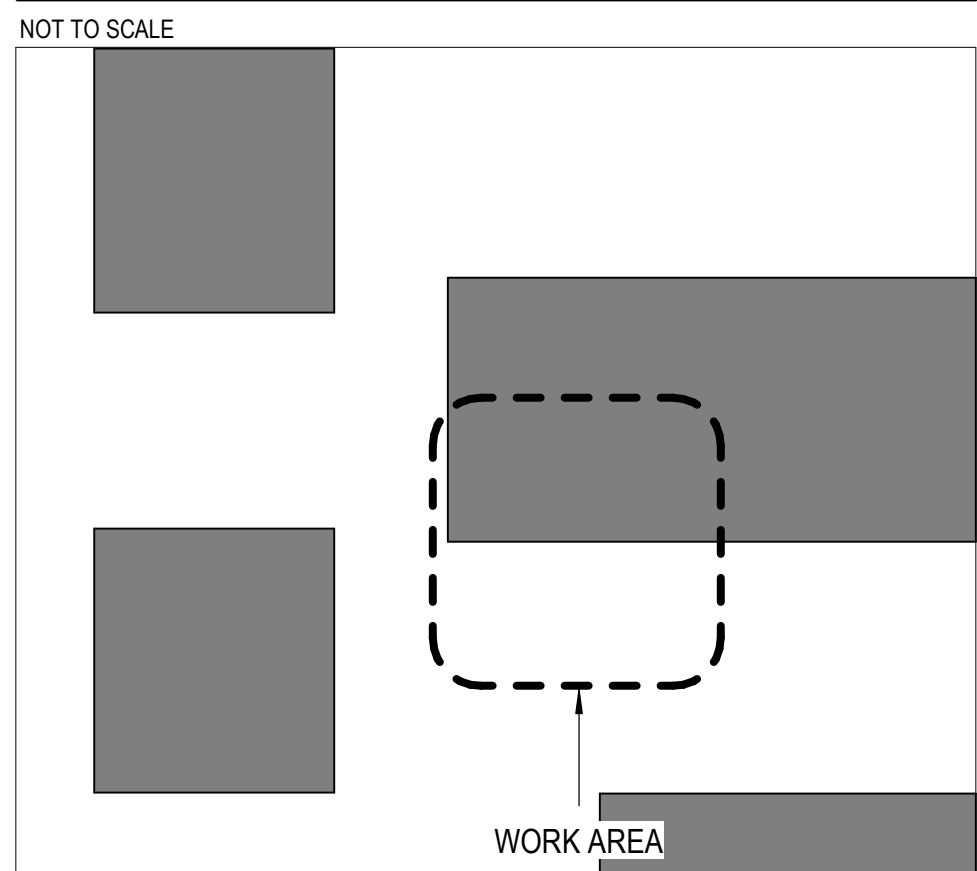


DRAWING ISSUE	
DATE	ISSUED FOR
6/27/2025	DESIGN DEVELOPMENT
REVISIONS	
NOT FOR CONSTRUCTION	
WDG Project No: 2024003	
SHEET NAME	
COVER SHEET	
SHEET NO.	
G000	

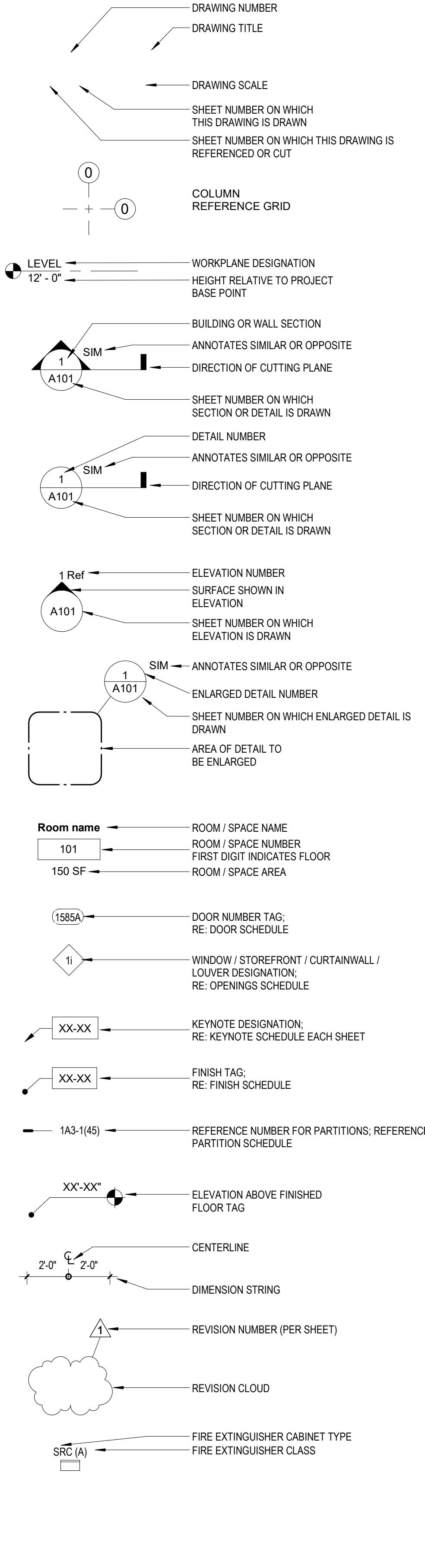
GENERAL NOTES

- DIMENSIONS ARE SHOWN TO FACE OF FINISHES, U.N.O.
- DO NOT SCALE DRAWINGS. CONSULT WITH ARCHITECT FOR CLARIFICATIONS.
- THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR BUILDING THIS PROJECT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, UNLESS OTHERWISE NOTIFIED IN WRITING BY THE OWNER OR ARCHITECT.
- ALL WORK SHALL BE IN COMPLIANCE WITH THE CURRENT VERSION OF ALL APPLICABLE CODES AND THE AMERICAN DISABILITIES ACT. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DEFICIENCIES PRIOR TO THE COMPLETION OF WORK.
- CONTRACTOR SHALL PROVIDE PUBLIC PROTECTIONS NECESSARY PER ALL APPLICABLE REGULATIONS.
- CONTRACTOR WILL COORDINATE WITH OWNER PARKING ON OR OFF SITE. ONLY EQUIPMENT FOR CONSTRUCTION MAY BE PARKED ON SITE.
- THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF THE EXISTENCE AND ACTUAL LOCATION OF SUCH WHETHER SHOWN HEREON OR NOT, PRIOR TO ANY EXCAVATION. ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
- ALL EXTERIOR JOINTS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF WATER AND/OR AIR LEAKS SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PENETRATIONS INTO, AND OPENINGS THROUGH AN EXIT ENCLOSURE (I.E. STAIRS) SHALL BE LIMITED TO THE FOLLOWING:
A) DOORS PERMITTED IN NFPA 101, 7.1.3.2.1 (b)
B) ELECTRICAL CONDUIT SERVING THE EXIT ENCLOSURE.
C) REQUIRED EXIT DOOR OPENINGS
D) DUCTWORK AND EQUIPMENT NECESSARY FOR INDEPENDENT STAIR PRESSURIZATION
E) WATER OR STEAM PIPING NECESSARY FOR THE HEATING OR COOLING OF THE EXIT ENCLOSURE.
F) SPRINKLER PIPING.
G) STANDPIPES.
H) EXISTING PENETRATIONS PROTECTED IN ACCORDANCE WITH NFPA 8.3.5.
I) PENETRATIONS FOR FIRE ALARM CIRCUITS, WHERE THE CIRCUITS ARE INSTALLED IN METAL CONDUIT AND THE PENETRATIONS ARE PROTECTED IN ACCORDANCE WITH 8.3.5.
- FIRE BARRIERS SHALL BE CONTINUOUS FROM OUTSIDE WALL TO OUTSIDE WALL, FROM FIRE BARRIER TO ANOTHER FIRE BARRIER, OR A COMBINATION THEREOF, INCLUDING CONTINUITY THROUGH ALL CONCEALED SPACES SUCH AS THOSE FOUND ABOVE A CEILING, INCLUDING INTERSTITIAL SPACES.
- PASSAGES OF PIPES, CONDUITS, BUS DUCTS, CABLES, WIRES, AIR DUCTS, PNEUMATIC DUCTS, AND SIMILAR BUILDING SERVICES EQUIPMENT THROUGH FIRE BARRIERS SHALL BE PROTECTED WITH THE SAME FIRE RATING AS THE ADJACENT WALL.
- PROVIDE STENCILING ABOVE ACCESSIBLE CEILINGS, AND IN CONCEALED SPACES AT CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS. PRIOR TO STENCILING OBTAIN APPROVAL FROM AUTHORITY HAVING JURISDICTION FOR THE EXACT WORDING OF MESSAGE.
- THE SEQUENCE OF INSTALLATION OF ALL ELEMENTS WITHIN AN ASSEMBLY, TO ASSURE THE CONSTRUCTIBILITY, IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. QUERIES BY THE GENERAL CONTRACTOR REGARDING CONSTRUCTIBILITY OF ANY ASSEMBLY SHALL BE ADDRESSED TO THE ARCHITECT FOR REVIEW IN A TIMELY MANNER, IN ORDER FOR THE ARCHITECT TO REVIEW AND COORDINATE WITH OTHER DISCIPLINES, AND TO ENSURE THE CONSTRUCTION SCHEDULE IS NOT ADVERSELY IMPACTED.
- CONTRACTOR SHALL PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING DEMOLITION.
- CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY DEFECTS AND/OR DAMAGED/DECAYING MATERIALS FOUND IN THE EXISTING STRUCTURE OR WORK PRIOR TO ENCLOSING NEW CONSTRUCTION.
- THE EXISTING PLAN IS DOCUMENTED ON THE DRAWINGS IN ACCORDANCE WITH A LIMITED NUMBER OF AVAILABLE ORIGINAL CONSTRUCTION DRAWINGS AND FIELD INVESTIGATIONS. VARIANCE OF ACTUAL EXISTING CONDITIONS FROM THOSE ILLUSTRATED ON THESE DOCUMENTS MAY OCCUR. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- ALL EXISTING ITEMS TO REMAIN UNLESS OTHERWISE NOTED.
- CONTRACTOR TO COORDINATE ALL SHUT DOWNS OR INTERRUPTIONS IN ANY SERVICE WITH THE OWNER PRIOR TO PROCEEDING WITH WORK.
- ALL WOOD BLOCKING & NAILERS TO BE PRESSURE TREATED.

VICINITY MAP



GRAPHIC SYMBOLS



ABBREVIATIONS

ABV	ABOVE	DR	DOOR	INSUL	INSULATION	P/VG	PAVING
ACUS	ACUSTIC(AL)	DRN	DRAIN	INT	INTERIOR, INTERNAL	P/VMT	PAVEMENT
ACT	ACUSTICAL CEILING TILE	DS	DOWN SPOUT	INTERM	INTERMEDIATE	PVT	PRIVATE
AD	AREA DRAIN	DSP	DRY STANDPIPE	INV	INTERLOCK(ING)	PWR	POWER
ADDL	ADDITIONAL	DTL	DETAIL	JAN	JANITOR	QT	QUARRY TILE
ADJ	ADJACENT	DW	DISHWASHER	JB	JUNCTION BOX	QTY	QUANTITY
ADJUST	ADJUSTABLE	DWG	DRAWING	JC	JANITOR'S CLOSET	QUAL	QUALITY
AFF	ABOVE FINISH FLOOR	DWR	DRAWER	JST	JOIST	R	THERMAL RESISTANCE, RISER
AFG	ABOVE FINISH GRADE	EA	EACH	JT	JOINT	RA	RETURN AIR
AGGR	AGGREGATE	EDF	ELEC. DRINKING FOUNTAIN	JC	JUNCTION	RAD	RADIUS
AHU	AIR HANDLING UNIT	EJ	EXPANSION JOINT	JST	JOIST	RB	RESILIENT BASE
ALUM	ALUMINUM	ELEV	ELEVATION	KT	KITCHEN	RC	REINFORCED CONCRETE
ALT	ALTERNATE, ALTERATION	ELECT	ELECTRICAL	KO	KNOCKOUT	RCP	REFLECTED CEILING PLAN
ANCH	ANCHOR(AGE)	ELEV	ELEVATOR	KPL	KICKPLATE	RD	ROOF DRAIN
ANDC	ANDC(IEZED)	EMER	EMERGENCY	KVA	KILOVOLT-AMPERE	RDR	READER
ANNUNC	ANNUNCIATOR	ENAM	ENAMEL	KW	KILOWATT	RE	REFERENCE
ANT	ANTENNA	ENGR	ENGINEER	KWH	KILOWATT HOUR	REC	RECESSED
APPL	APPLIANCE	ENTR	ENTRANCE	L	LONG, LENGTH	REC	RECEPTACLE
APPROX	APPROXIMATE	EOS	EDGE OF SLAB	L	LONG, LENGTH	REF	REFRIGERATOR
ARCH	ARCHITECT(URAL)	EQ	EQUAL	LAD	LADDER	REFL	REFLECTED
ASB	ASBESTOS	EQUIP	EQUIPMENT	LAM	LAMINATE(D)	REIN	REINFORCED
ASPH	ASPHALT	ETC	ET CETERA	LAT	LATERAL	REM	REMOVE
ASS	ASSEMBLY	EW	EACH WAY	LAV	LAVATORY	RECO	REQUIRED
ATTEN	ATTENTION	EW	ELEC. WATER COOLER	LB	POUNDS	RES	RESISTANT
AUTH	AUTHORIZE(D)	EXIST	EXISTING	LBL	LABEL	RESIL	RESILIENT
AUTO	AUTOMATIC	EXP	EXPANSION	LBR	LUMBER	RET	RETAINING, RETURN
AVE	AVERAGE	EXT	EXTERIOR	LCD	LIQUID CRYSTAL DIODE	REV	REVISION
				LD	LEADER DRAIN	REVD	REVOLVING DOOR
80	BOTTOM OF	F	FAHRENHEIT	LF	LINEAR FOOT/FEET	RF	RESILIENT FLOORING
BR	BRICK	FA	FIRE ALARM, FRESH AIR	LH	LEFT HAND	RH	RIGHT HAND
BD	BOARD	FAB	FABRICATE, FABRICATION	LIB	LIBRARY	RM	ROOM
BETW	BETWEEN	FAR	FLOOR AREA RATIO	LIN	LINEAR	RO	ROUGH OPENING
BEV	BEVEL	FAS	FASTENER	LINO	LINOLEUM	RWP	RIGHT OF WAY
BIT	BITUMINOUS	FC	FOOT CANDLE	LIQ	LIQUID	RVL	REVEAL
BLDG	BUILDING	FCO	FLOOR CLEANOUT	LKR	LOOKER	RT	RESILIENT TILE
BLK	BLOCK	FC	FACE OF CURB	LM	LIMESTONE	RR	RAILROAD
BM	BEAM, BENCH MARK	FD	FLOOR DRAIN	LT	LIGHT		
BOL	BOLLARD	FD	FIRE DPT CONNECTION	LVT	LUXURY VINYL TILE	SALV	SALVAGE
BOT	BOTTOM	FE	FIRE EXTINGUISHER	LVR	LOUVER	SAN	SANITARY
BRDG	BRIDGE, BRIDGING	FEC	FIRE EXTINGUISHER CAB.			SC	SOLID CORE
BRG	BEARING	FF	FINISH FACE			SCHED	SCHEDULE(D)
BRKT	BRACKET	FIE	FIXTURES, FURNITURE & EQUIPMENT			SEALNT	SEALANT
BRZ	BRONZE	FGR	FIBER GLASS REINFORCED			SECT	SECTION
BU	BUILT-UP	FI	FIRE HYDRANT, FLAT HEAD			SEL	SELECT
BUR	BUILT-UP ROOF	FHC	FIRE HOSE CABINET			SEL	SQUARE FOOT/FEET
BW	BOTH WAYS	FDN	FOUNDATION			SGL	SAFETY GLASS
		FIN	FINISHED			SGS	SILICONE GLAZING SEALANT
CAB	CABINET	FIX	FIXTURE			SH	SHUTTER
CAP	CAPACITY	FLDG	FOLDING			SHR	SHOWER
CB	CATCH BASIN	FLEX	FLEXIBLE			SHT	SHEET
CCTV	CLOSED CIRCUIT TV	FLR	FLOOR			SHTG	SHEATHING
CEM	CEMENT(ITUOUS)	FLO	FLOURESCENT			SIM	SIMILAR
CDR	CERAMIC	FO	FINISHED OPENING			SK	SINK
CPL	COUNTERFLASHING	FOC	FACE OF CONCRETE, CURB			SLV	SLEEVE
CUB	CUBIC FEET PER MINUTE	FOF	FACE OF FINISH			SMT	SEALANT
CG	CORNER GUARD	POS	FACE OF SLAB, STUD			SP	SOIL PIPE
CHAM	CHAMFER(ED)	FP	FIREPROOF			SPEC	SPECIFICATION
CHR	CHILLED WATER RETURN	FR	FEET PER MINUTE			SPK	SPEAKER
CHS	CHILLED WATER SUPPLY	FR	FIRE RESISTANCE			SPL	SPECIAL
CIR	CIRCLE	FRM	FRAME			SPLR	SPRINKLER
CIP	CAST-IN-PLACE	FR	FIBERGLASS REINF. PANEL			SQ	SQUARE
CJ	CONTROL JOINT	FS	FLOOR SINK			SS	STAINLESS STEEL
CL	CENTER LINE	FT	FOOT			STC	SOUND TRANSMISSION CLASS
CLG	CEILING	FTD	FOOTING			STD	STANDARD
CLO	CLOSET	FURN	FINISHED(ED), FURNITURE			STG	SEATING
CLG	CAULKING	FUT	FUTURE			STL	STEEL
CLR	CLEAR	FV	FIELD VERIFY			STR	STORAGE
CMU	CONCRETE MASONRY UNIT	FWC	FABRIC WALL COVERING			STRUC(T)	STRUCTURAL
CND	CONDITION	FXD	FIXED			STW	STORM WATER
CNTR	COUNTER	GA	GAUGE			NO	NUMBER
CO	CLEAN OUT	GAL	GALLON			NOM	NOMINAL
COEF	COEFFICIENT	GALV	GALVANIZED			NRC	NOISE REDUCTION COEFFICIENT
COLG	COLING	GC	GENERAL CONTRACTOR			NTS	NOT TO SCALE
COL	COLUMN	GD	GUTTER DRAIN			OA	OVERALL
COMB	COMBINATION	GEN	GENERATOR			OC	ON CENTER
COMP	COMPRESSED	GENL	GENERAL			OD	OUTSIDE DIAMETER
COMPT	COMPARTMENT	GF	GLASS FIBER			OF	OUTSIDE FACE
CONC	CONCRETE	GI	GALVANIZED IRON			OHD	OVERHEAD DOOR
CONN	CONNECTION	GKT	GASKET			OPNG	OPENING
CONST	CONSTRUCTION	GL	GLASS			OPP (H)	OPPOSITE (HAND)
CONT	CONTINUOUS	GND	GROUND			OPR	OPERABLE
CONTR	CONTRACTOR	GOVT	GOVERNMENT			ORD	OVERFLOW ROOF DRAIN
COR	CORNER	GP	GYPSUM			ORN	ORNAMENTAL
CORR	CORRUGATED(I)	GR	GRADE			OUT	OUTLET
COV	COVER	GRN	GRANITE			OZ	OUNCE
CPR	COPPER	GSS	GYPSUM SHEATHING BD.			PAR	PARAPET, PARALLEL
CR	CARD READER	GT	GREASE TRAP			PBD	PARTICLE BOARD
CRS	COLD ROLLED STEEL	GWB	GYPSUM WALL BOARD			PCF	POUNDS PER CUBIC FOOT
CSG	CASING					PEB	PEDESTAL, PEDESTRIAN
CSG	CASTING	HB	HOSE BIBB			PERF	PERFORATED
CT	CERAMIC TILE	HC	HANDICAPPED, HOLLOW CORE			PERM	PERIMETER
CTD	COATED	HD	HEAD, HEAVY DUTY			PERP	PERPENDICULAR
CTG	CENTER	HDR	HARDENED			PKG	PARKING
CTS	COUNTERSUNK	HDR	HEADER			PKWY	PARKWAY
CU	CUBIC	HOW	HARDWARE			PL	PLATE
CV	CHECK VALVE	HOWD	HARDWOOD			PLM	PLASTIC LAMINATE
CW	COLD WATER	HEX	HEXAGONAL			PLAS	PLASTER
CWR	CONDENSATE WASTE RETURN	HGR	HANGER			PLBG	PLUMBING
CWS	CONDENSATE WASTE SUPPLY	HGT	HEIGHT			PLF	POUNDS PER LINEAR FOOT
CYC	CYCLE	HM	HIGH INTENSITY DISCHARGE			PLWD	PLYWOOD
CYL	CYLINDER	HORIZ	HOLLOW METAL			PLTF	PLATFORM
		HR	HORIZONTAL			PNL	PANEL
D	DEPTH	HTG	HEATING			PNT	PAINT(ED)
DB	DECIBEL	HTR	HEATER			POL	POLISHED
DBL	DOUBLE	HTW	HIGH TEMPERATURE WATER			POLYST	POLYSTYRENE
DC	DIRECT CURRENT	HVY	HEAVY			PORT	PORTABLE
DEG	DEGREE	HW	HOT WATER			PR	PAR
DEMO	DEMOLISH(ED), DEMOLITION	HWH	HOT WATER HEATER			PRCST	PRECAST
DES	DESIGNED(I)	HWR	HOT WATER RETURN			PREFAB	PREFABRICATED
DPT	DEPARTMENT	HWS	HOT WATER SUPPLY			PRJ	PROJECT
DF	DRINKING FOUNTAIN	HYW	HIGHWAY			PROP	PROPERTY
DIA	DIAMETER	HYD	HYDRAULIC			PSF	POUNDS PER SQUARE FT
DIAG	DIAGONAL	HYDRO	HYDROSTATIC			PSI	POUNDS PER SQUARE IN
DIFF	DIFFUSER	ID	INSIDE DIMENSION			PT	PAIN(T)ED
DIM	DIMENSION	IN	INCH			PTC	POST-TENSIONED CONCRETE
DISP	DISPENSER	INCAND	INCANDESCENT			PTD	PAPER TOWEL DISPENSER
DIV	DIVISION						
DN	DOWN						

DRAWING INDEX			
SHEET NO.	SHEET NAME	SD	DD CD
01 GENERAL			
G000	COVER SHEET	■	■
G001	INFORMATION SHEET	■	■
G100	ADA REFERENCE GUIDELINES	■	■
G101	ADA REFERENCE GUIDELINES	■	■
G102	ADA REFERENCE GUIDELINES	■	■
G103	ADA REFERENCE GUIDELINES	■	■
G104	ADA REFERENCE GUIDELINES	■	■
G110	CODE SUMMARY & INFORMATION	■	■
G120	FIRST FLOOR LIFE SAFETY PLAN	■	■
G121	SECOND FLOOR LIFE SAFETY PLAN	■	■
G300	PARTITION TYPES & SCHEDULE	■	■
G500	SURVEY FOR REFERENCE	■	■
02 CIVIL			
C001	CIVIL GENERAL NOTES	■	■
C002	TYP DETAILS - CIVIL	■	■
C003	TYP DETAILS - PAVING	■	■
C101	PAVING & GRADING PLAN	■	■
03 STRUCTURAL			
S001	GENERAL NOTES	■	■
S002	TYP DETAILS & SCHED - CONCRETE	■	■
S003	TYP DETAILS & SCHED - WOOD	■	■
S004	TYP DETAILS & SCHED - WOOD SHEAR WALLS	■	■
S005	TYP DETAILS & SCHED - CMU	■	■
S006	TYP DETAILS & SCHED - STEEL	■	■
S007	TYP DETAILS & SCHED - CFMF	■	■
S008	TYP DETAILS & SCHED - PILE CAPS	■	■
S101	PLANS - FOUNDATION PLAN	■	■
S102	PLANS - FIRST FLOOR FRAMING	■	■
S103	PLANS - SECOND FLOOR FRAMING	■	■
S104	PLANS - ATTIC FRAMING PLAN	■	■
S105	PLANS - ROOF FRAMING PLAN	■	■
S201	SECTIONS - FOUNDATION & FIRST FLOOR	■	■
05 ARCHITECTURAL			
A100	SITE PLAN	■	■
A200	FIRST FLOOR PLAN	■	■
A201	SECOND FLOOR PLAN	■	■
A202	ATTIC FLOOR PLAN	■	■
A203	ROOF PLAN	■	■
A210	FIRST FLOOR REFLECTED CEILING PLAN	■	■
A211	SECOND FLOOR REFLECTED CEILING PLAN	■	■
A220	ENLARGED FLOOR PLANS	■	■
A221	ENLARGED FLOOR PLANS	■	■
A230	ENLARGED REFLECTED CEILING PLANS	■	■
A231	ENLARGED REFLECTED CEILING PLANS	■	■
A300	EXTERIOR AXONOMETRICS	■	■
A301	EXTERIOR PERSPECTIVES	■	■
A310	EXTERIOR ELEVATIONS	■	■
A311	EXTERIOR ELEVATIONS	■	■
A312	EXTERIOR ELEVATIONS	■	■
A320	BUILDING SECTIONS	■	■
A330	WALL SECTIONS	■	■
A331	WALL SECTIONS	■	■
A400	EXTERIOR DETAILS	■	■
A401	EXTERIOR DETAILS	■	■
A500	ENLARGED VERTICAL CIRCULATION	■	■
A501	ENLARGED VERTICAL CIRCULATION	■	■
A600	INTERIOR ELEVATIONS	■	■
A601	INTERIOR ELEVATIONS	■	■
A800	DOOR SCHEDULE & DETAILS	■	■
A820	EXTERIOR OPENING SCHEDULE & ELEVATIONS	■	■
A900	ROOM FINISH SCHEDULE & DETAILS	■	■
06 FF&E			
A102.3	LEVEL 2 FURNITURE FLOOR PLAN	■	■
10 ELECTRICAL			
E1.00	LIGHTING FIXTURE SCHEDULE, GENERAL NOTES, SYMBOL LIST	■	■
E2.00	SITE PLAN - ELECTRICAL	■	■
E3.00	LEVEL 1 FLOOR PLAN - ELECTRICAL	■	■
E3.01	LEVEL 2 CEILING PLAN - LIGHTING	■	■
E3.02	LEVEL 2 FLOOR PLAN - POWER & SPECIAL SYSTEMS	■	■
E4.00	ONE-LINE DIAGRAM	■	■

DRAWING ISSUE

DATE	ISSUED FOR
07/21/2023	50% DESIGN DEVELOPMENT

REVISIONS

NO.	DESCRIPTION

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME

INFORMATION SHEET

SHEET NO.

G001

CHAPTER 3: BUILDING BLOCKS

302-Floor and Ground Surfaces

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/round pile texture. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed exposed edge. Carpet edge trim shall comply with 303.

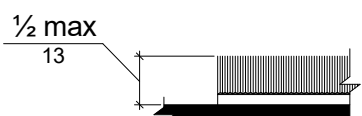


Figure 302.2 Carpet Pile Height

302.3 Openings. Openings in floor or ground surfaces shall not allow passage 302.3 Openings. Openings in floor or ground surfaces shall not allow passage 408.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

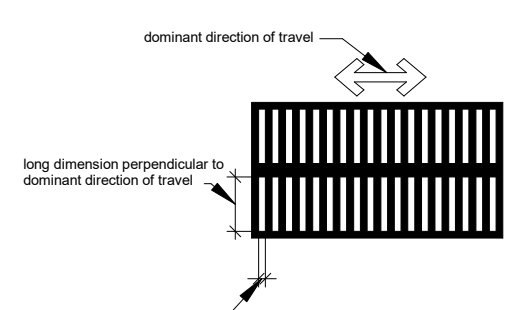


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.

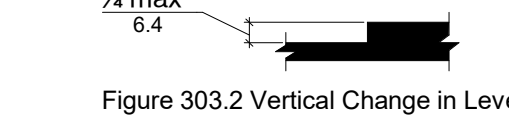


Figure 303.2 Vertical Change in Level

303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

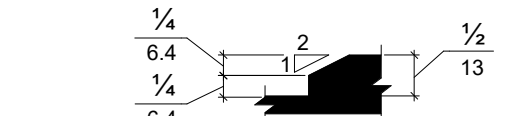


Figure 303.3 Beveled Change in Level

304-Turning Space / 305 Clear Floor Space

304.3.1 Circular Space. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-Shaped Space. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

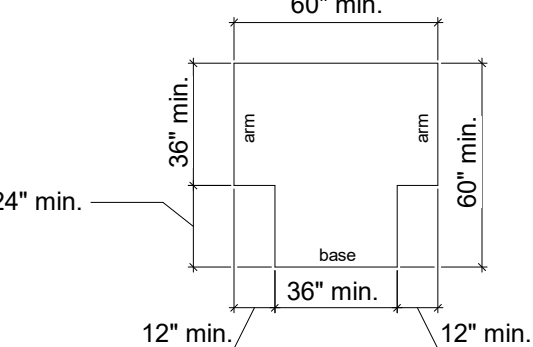


Figure 304.3.2 T-Shaped Turning Space

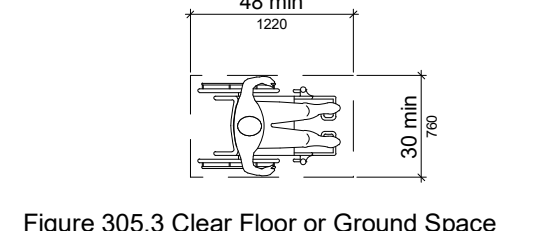


Figure 305.3 Clear Floor or Ground Space

305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

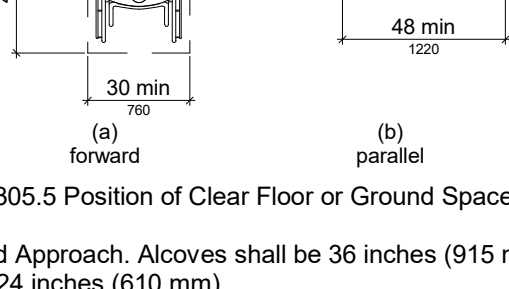


Figure 305.7.1 Forward Approach

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

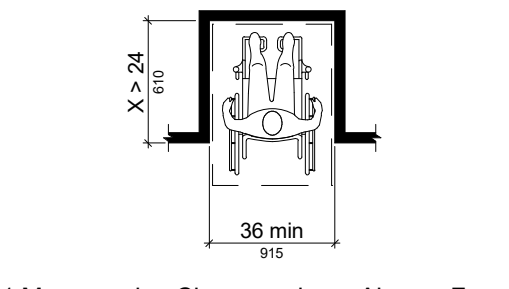


Figure 305.7.2 Parallel Approach

306-Knee and Toe Clearance

306.2 Toe Clearance.

306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.

306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

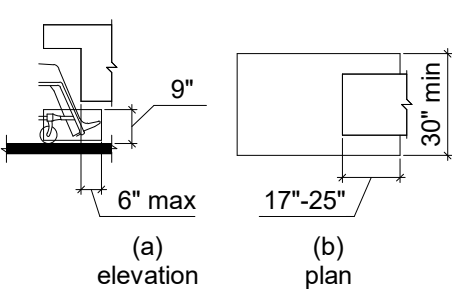


Figure 306.2 Toe Clearance

306.3 Knee Clearance.

306.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an element at 9 inches (230 mm) above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

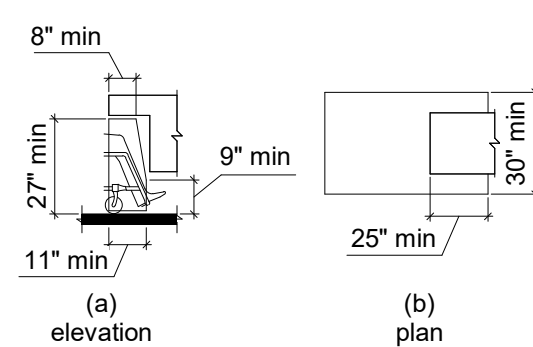


Figure 306.3 Knee Clearance

307-Protruding Objects

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 90 inches (2300 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

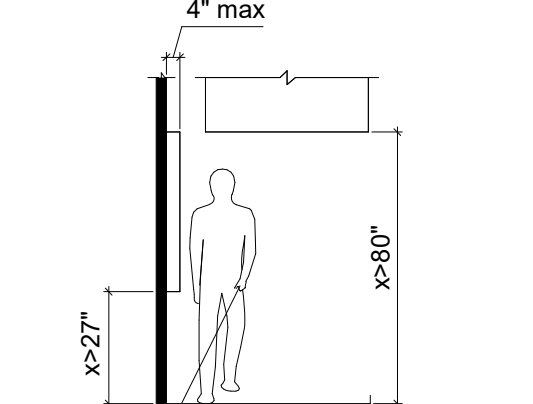


Figure 307.2 Limits of Protruding Objects

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

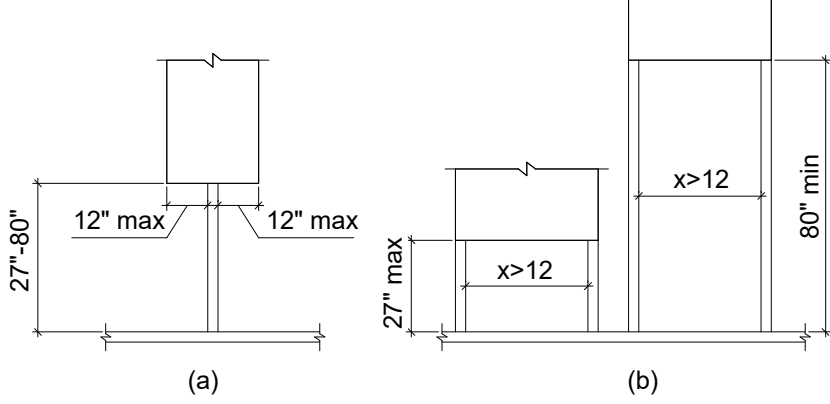


Figure 307.3 Post-Mounted Protruding Objects

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

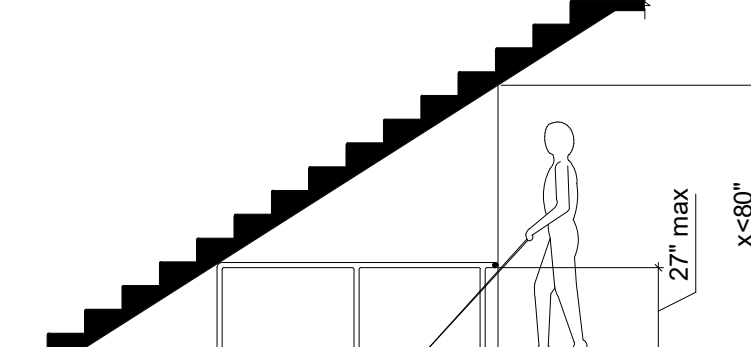


Figure 307.4 Vertical Clearance

308-Reach Ranges

Children's Reach Ranges		
Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	36"	20"
Ages 5 through 8	40"	18"
Ages 9 through 12	44"	16"

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

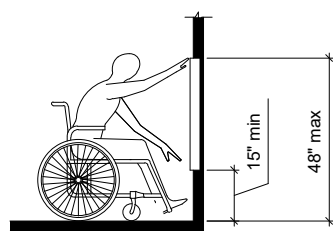


Figure 308.2.1 Unobstructed High Forward Reach

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

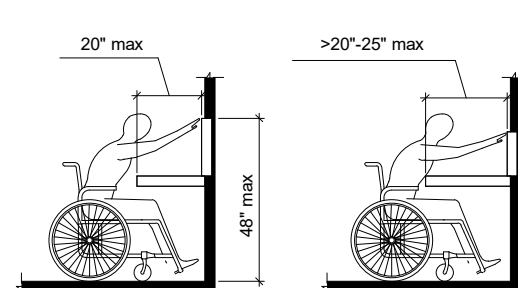


Figure 308.2.2 Obstructed High Forward Reach

308.3 Side Reach.

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

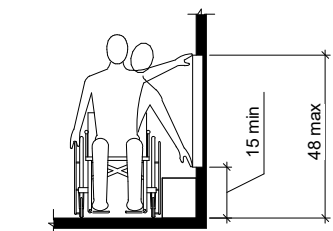


Figure 308.3.1 Unobstructed Side Reach

308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

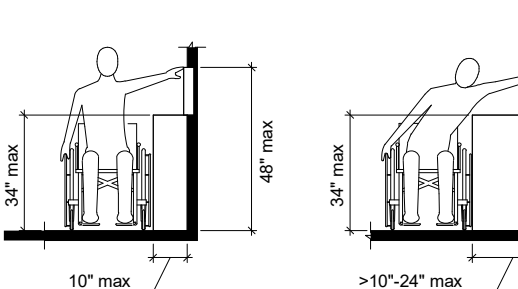


Figure 308.3.2 Obstructed High Side Reach

309-Operable Parts

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

CHAPTER 4: ACCESSIBLE ROUTES

402-Accessible Routes

402.2 Components. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.

Advisory 402.2 Components. Walking surfaces must have running slopes not steeper than 1:20, see 403.3. Other components of accessible routes, such as ramps (405) and curb ramps (406), are permitted to be more steeply sloped.

403-Walking Surfaces

403.1 General. Walking surfaces that are a part of an accessible route shall comply with 403.

403.2 Floor or Ground Surface. Floor or ground surfaces shall comply with 302.

403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.4 Changes in Level. Changes in level shall comply with 303.

403.5 Clearances. Walking surfaces shall provide clearances complying with 403.5.

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

403.5.1 Clear Width. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

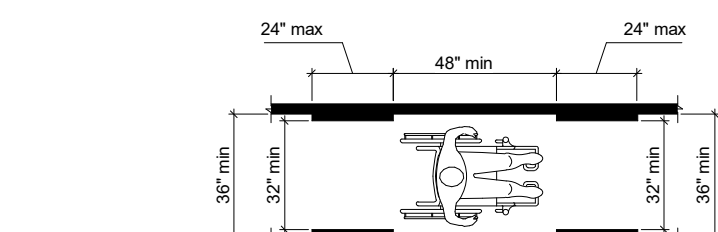


Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 Clear Width at Turn. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

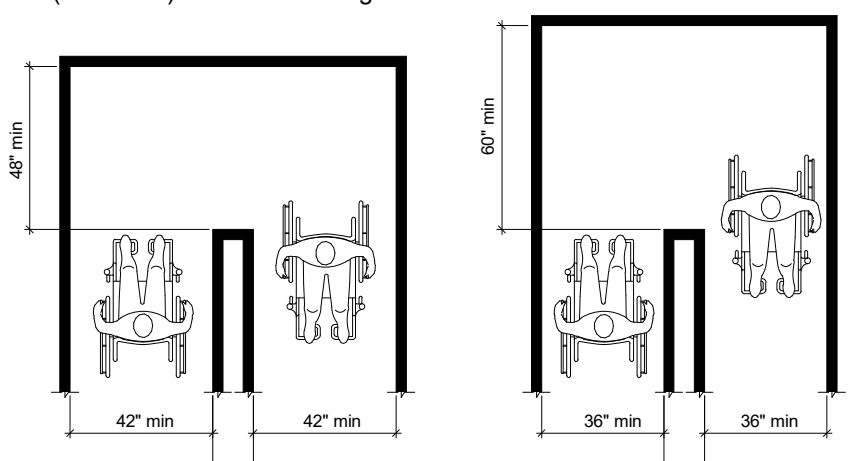


Figure 403.5.2 Clear Width at Turn

403.5.3 Passing Spaces. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum.

404-Doors, Doorways, and Gates

404.2.3 Clear Width. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

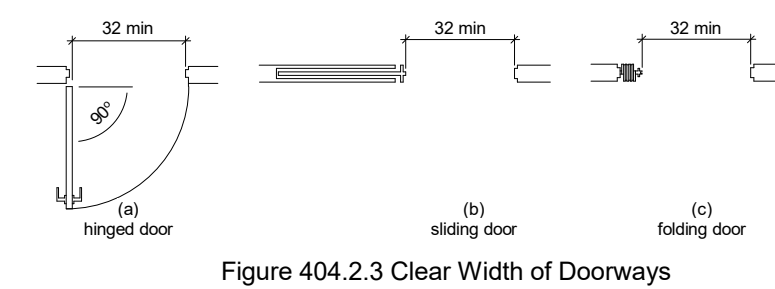


Figure 404.2.3 Clear Width of Doorways

404.2.4 Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.

EXCEPTION: Entry doors to hospital patient rooms shall not be required to provide the clearance beyond the latch side of the door.

404.2.4.1 Swinging Doors and Gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.

Table 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates			
Forward or Side Reach	Door or Gate Side	Perpendicular to Doorways	Parallel to Doorway (Impaired reach side unless noted)
Approach Direction	Door or Gate Side	Perpendicular to Doorways	Parallel to Doorway (Impaired reach side unless noted)
From front	Push	60 inches	18 inches
From front	Pull	48 inches	0 inches ¹
From hinge side	Push	60 inches	36 inches
From hinge side	Pull	54 inches	42 inches
From hinge side	Push	42 inches ²	22 inches ²
From latch side	Push	48 inches ²	24 inches
From latch side	Push	42 inches ²	24 inches

1. Add 12 inches if closer and latch are provided.
2. Add 12 inches if closer and latch are provided.
3. Add 12 inches if closer and latch are provided.
4. Add 12 inches if closer and latch are provided.

404.2.4.3 Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 6 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

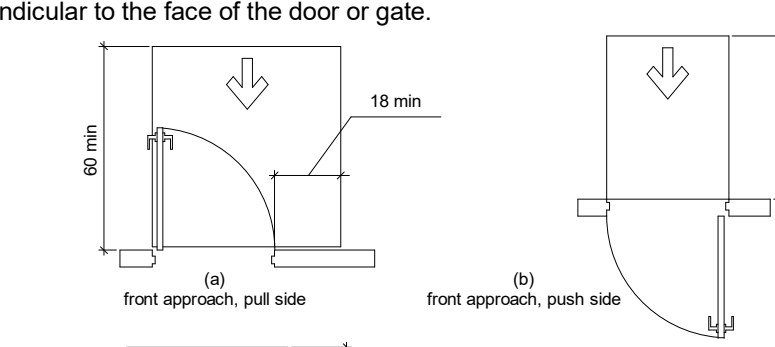


Figure 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates

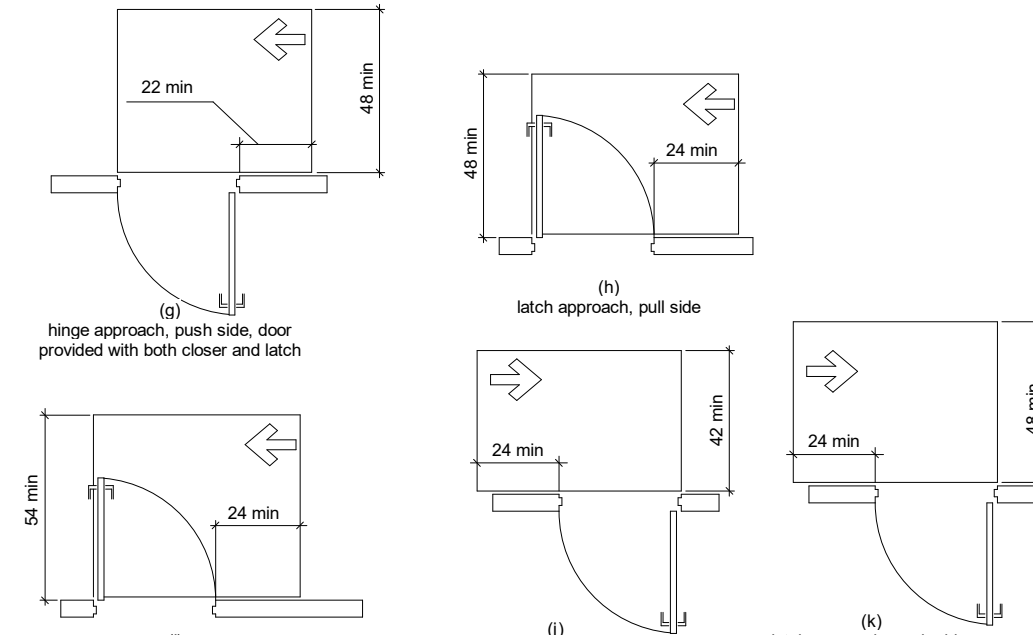


Figure 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates

404.2.4.3 Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 6 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

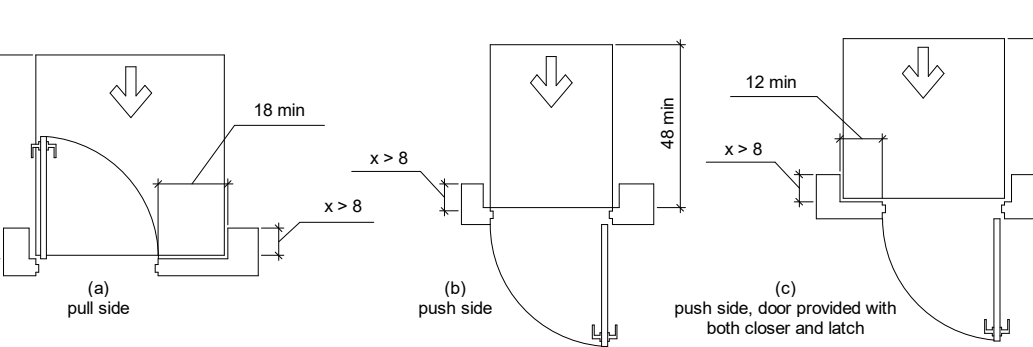


Figure 404.2.4.3 Recessed Doors and Gates

404.2.6 Doors in Series and Gates in Series. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

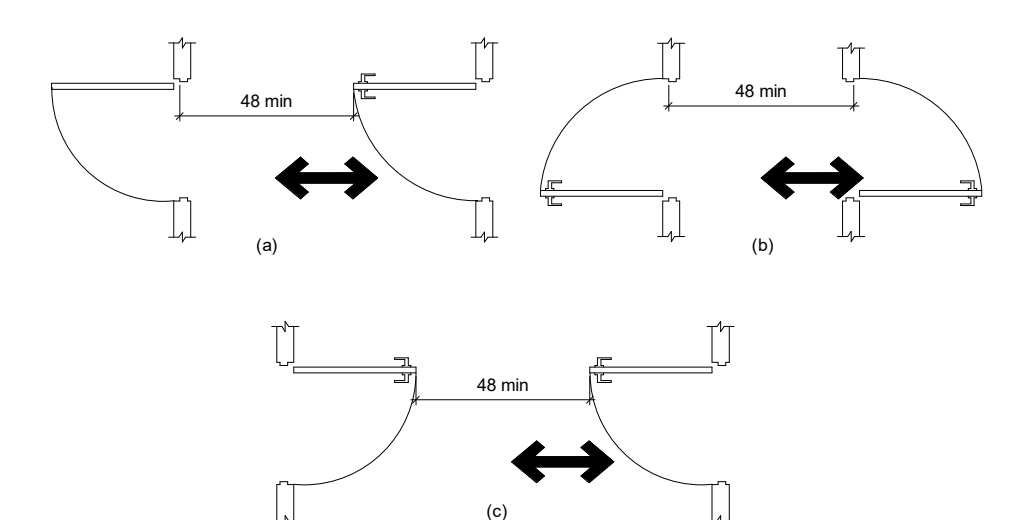


Figure 404.2.6 Doors in Series and Gates in Series

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

404.2.8.1 Door Closers and Gate Closers. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

404.2.8.2 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

404.2.8.3 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

- Interior hinged doors and gates: 5 pounds (22.2 N) maximum.
- Sliding or folding doors: 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

404.2.10 Door and Gate Surfaces. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

404.2.11 Vision Lights. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches (1090 mm) maximum above the finish floor.

404.3 Automatic and Power-Assisted Doors and Gates. Automatic doors and automatic gates shall comply with 404.3. Full-powered automatic doors shall comply with ANSI/BHMA A156.10 (incorporated by reference, see "Referenced Standards" in Chapter 1). Low-energy and power-assisted doors shall comply with ANSI/BHMA A156.19 (1987 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

404.3.2 Maneuvering Clearance. Clearances at power-assisted doors and gates shall comply with 404.2.4. Clearances at automatic doors and gates without standby power and serving an accessible means of egress shall comply with 404.2.4.

404.3.7 Revolving Doors, Revolving Gates, and Turnstiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

DRAWING ISSUE

DATE	ISSUED FOR
07/21/2023	50% DESIGN DEVELOPMENT

REVISIONS

NO.	DESCRIPTION

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME

ADA REFERENCE GUIDELINES

SHEET NO.

G101

CHAPTER 4: ACCESSIBLE ROUTES (cont.)

405-Ramps

405.2 Slope. Ramp runs shall have a running slope not steeper than 1:12.

405.3 Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.

405.5 Clear Width. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum.

405.6 Rise. The rise for any ramp run shall be 30 inches (760 mm) maximum.

405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run. Landings shall comply with 405.7.

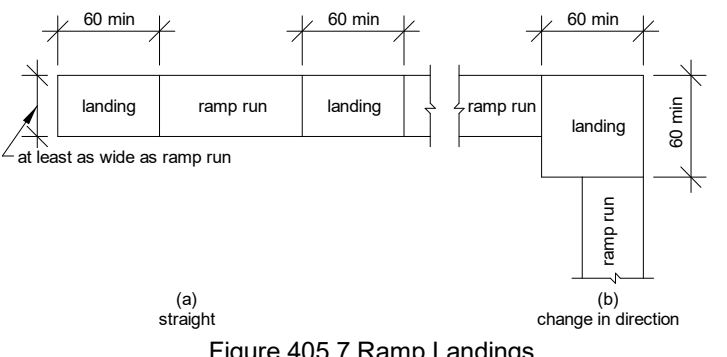


Figure 405.7 Ramp Landings

405.7.1 Slope. Landings shall have slope no steeper than 1:48. Changes in level are not permitted.

405.7.2 Width. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.

405.7.3 Length. The landing clear length shall be 60 inches (1525 mm) long minimum.

405.7.4 Change in Direction. Ramps that change direction between runs at landings shall have a clear landing 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum.

405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 404.2.4 and 404.3.2 shall be permitted to overlap the required landing.

405.8 Handrails. Ramp runs with a rise greater than 6 inches (150 mm) shall have handrails complying with 505.

405.9 Edge Protection. Edge protection complying with 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.

405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a handrail complying with 505.

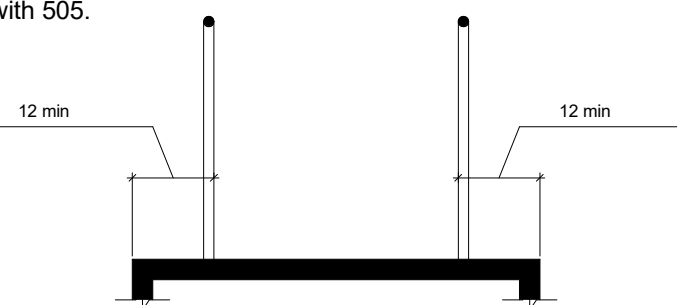


Figure 405.9.1 Extended Floor or Ground Surface Edge Protection

405.9.2 Curb or Barrier. A curb or barrier shall be provided that prevents the passage of a 4 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.

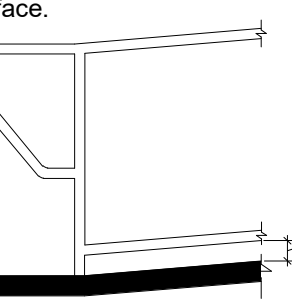


Figure 405.9.2 Curb or Barrier Edge Protection

406-Curb Ramps

406.1 General. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

406.2 Counter Slope. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.

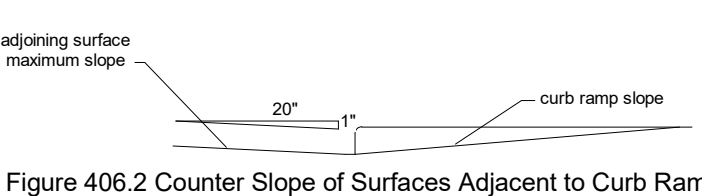


Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

406.3 Sides of Curb Ramps. Where provided, curb ramp flares shall not be steeper than 1:10.

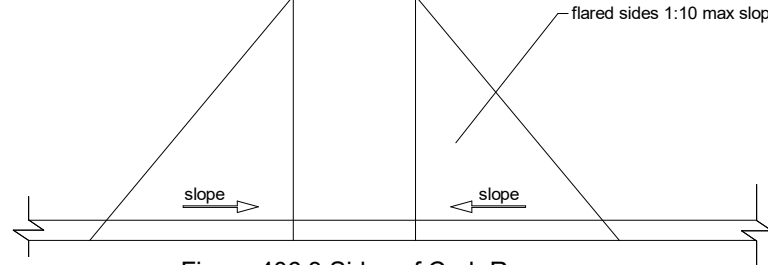


Figure 406.3 Sides of Curb Ramps

406.4 Landings. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

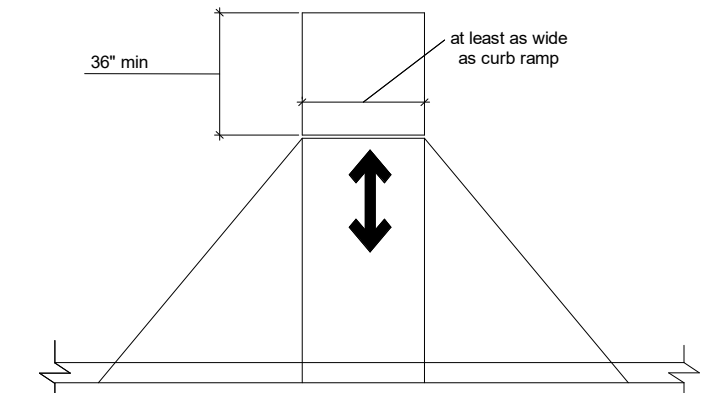


Figure 406.4 Landings at the Top of Curb Ramps

406.5 Location. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.

406.6 Diagonal Curb Ramps. Diagonal or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have a clear space 48 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.

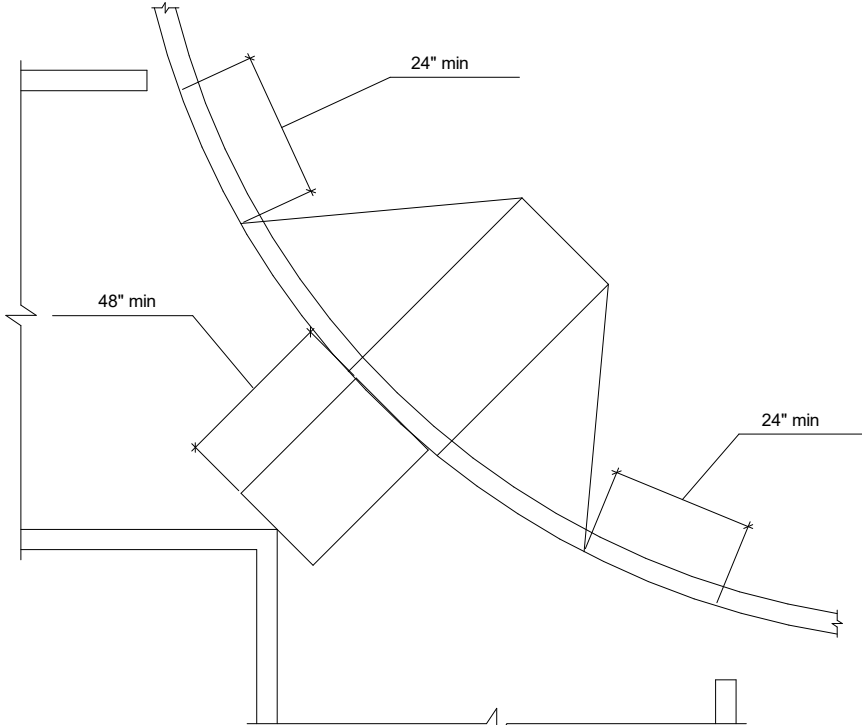


Figure 406.6 Diagonal or Corner Type Curb Ramps

406.7 Islands. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.

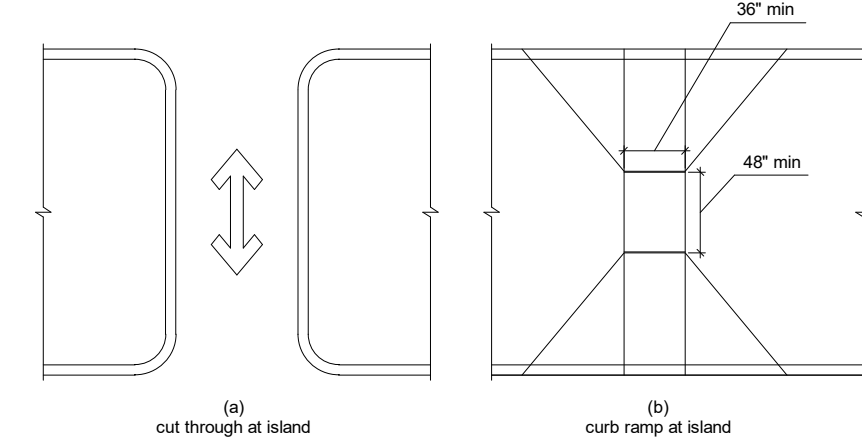


Figure 406.7 Islands in Crossings

407-Elevators

407.1 General. Elevators shall comply with 407 and ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

407.2 Elevator Landing Requirements. Elevator landings shall comply with 407.2.

407.2.1.1 Height. Call buttons and keypads shall be located within one of the reach ranges specified in 308, measured to the centerline of the highest operable part. EXCEPTION: Existing call buttons and existing keypads shall be permitted to be located at 54 inches (1370 mm) maximum above the finish floor, measured to the centerline of the highest operable part.

407.2.1.2 Size. Call buttons shall be 1/2 inch (19 mm) minimum in the smallest dimension. EXCEPTION: Existing elevator call buttons shall not be required to comply with 407.2.1.2.

407.2.1.3 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided at call controls.

407.2.1.4 Location. The call button that designates the up direction shall be located above the call button that designates the down direction. EXCEPTION: Destination-oriented elevators shall not be required to comply with 407.2.1.4.

407.2.1.5 Signals. Call buttons shall have visible signals to indicate when each call is registered and when each call is answered. EXCEPTIONS: 1. Destination-oriented elevators shall not be required to comply with 407.2.1.5 provided that visible and audible signals complying with 407.2.2 indicating which elevator car to enter are provided. 2. Existing elevators shall not be required to comply with 407.2.1.5.

407.2.1.6 Keypads. Where keypads are provided, keypads shall be in a standard telephone keypad arrangement and shall comply with 407.4.7.2.

407.2.2 Hall Signals. Hall signals, including in-car signals, shall comply with 407.2.2.

407.2.2.1 Visible and Audible Signals. A visible and audible signal shall be provided at each hoistway entrance to indicate which car is answering a call and the car's direction of travel. Where in-car signals are provided, they shall be visible from the floor area adjacent to the hall call buttons. EXCEPTIONS: 1. Visible and audible signals shall not be required at each destination oriented elevator where a visible and audible signal complying with 407.2.2 is provided indicating the elevator car designation information. 2. In existing elevators, a signal indicating the direction of car travel shall not be required.

407.2.2.2 Visible Signals. Visible signal fixtures shall be centered at 72 inches (1830 mm) minimum above the finish floor or ground. The visible signal elements shall be 2-1/2 inches (64 mm) minimum measured along the vertical centerline of the element. Signals shall be visible from the floor area adjacent to the hall call button. EXCEPTIONS: 1. Destination-oriented elevators shall be permitted to have signals visible from the floor area adjacent to the hoistway entrance. 2. Existing elevators shall not be required to comply with 407.2.2.2.

407.3.1 Type. Elevator doors shall be the horizontal sliding type. Car gates shall be prohibited.

407.3.2 Operation. Elevator hoistway and car doors shall open and close automatically. EXCEPTION: Existing manually operated hoistway swing doors shall be permitted provided that they comply with 404.2.3 and 404.2.9. Car door closing shall not be initiated until the hoistway door is closed.

407.3.3 Reopening Device. Elevator doors shall be provided with a reopening device complying with 407.3.3 that shall stop and reopen a car door and hoistway door automatically if the door becomes obstructed by an object or person. EXCEPTION: Existing elevators with manually operated doors shall not be required to comply with 407.3.3.

407.3.3.1 Height. The device shall be activated by sensing an obstruction passing through the opening at 5 inches (125 mm) nominal and 29 inches (735 mm) nominal above the finish floor.

407.4.1 Car Dimensions. Inside dimensions of elevator cars and clear width of elevator doors shall comply with Table 407.4.1.

EXCEPTION: Existing elevator car configurations that provide a clear floor area of 16 square feet (1.5 m²) minimum and also provide an inside clear depth 54 inches (1370 mm) minimum and a clear width 36 inches (915 mm) minimum shall be permitted.

Table 407.4.1 Elevator Car Dimensions				
Minimum Dimensions				
Door Location	Door Clear Width	Inside Car, Side to Side	Inside Car, Back Wall to Front Return	Inside Car, Back Wall to Inside Face of Door
Centered	42 inches	80 inches	51 inches	54 inches
Side (off-centered)	36 inches ¹	68 inches	51 inches	54 inches
Any	36 inches ¹	54 inches	60 inches	60 inches
Any	36 inches ¹	60 inches ²	60 inches ²	60 inches ²

1. A tolerance of minus 5/8 inch is permitted.

2. Other car configurations that provide a turning space complying with 304 with the door closed shall be permitted.

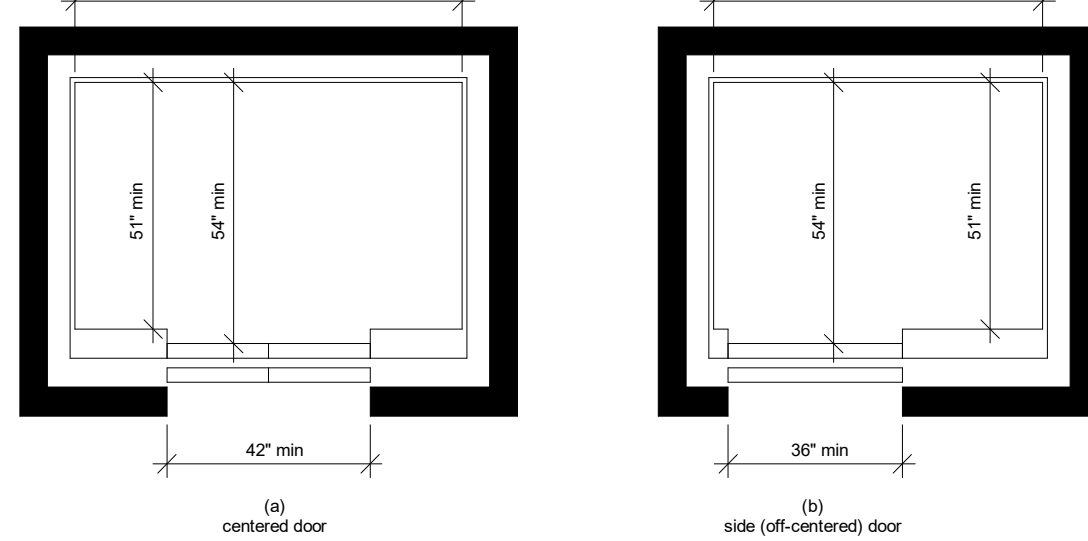


Figure 407.4.1 Elevator Car Dimensions

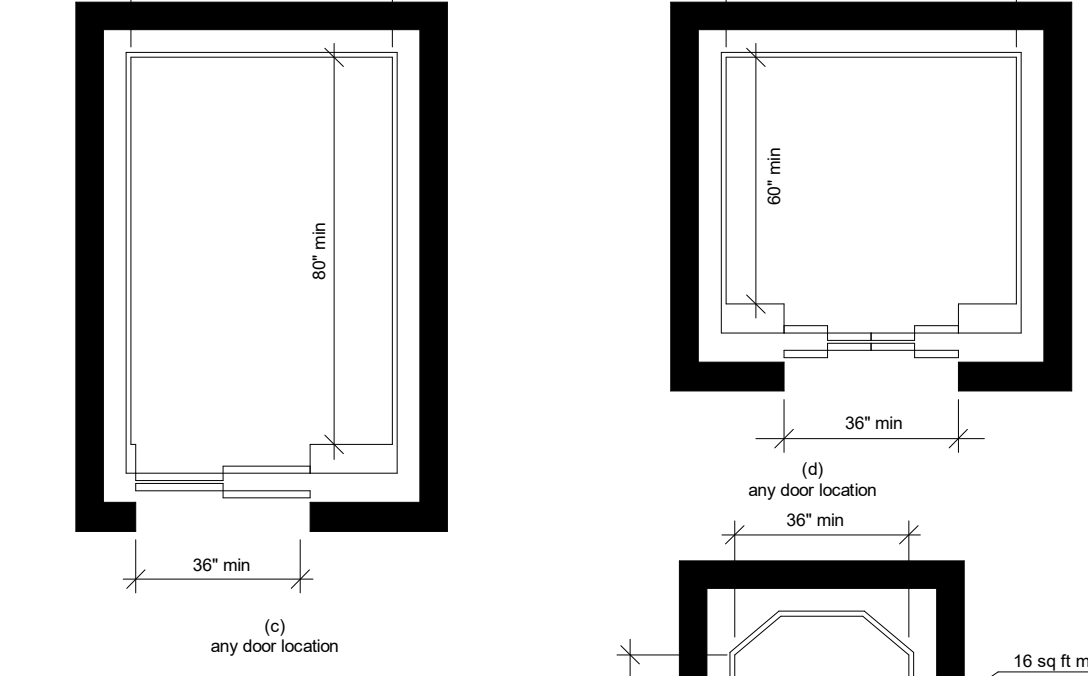


Figure 407.4.1 Elevator Car Dimensions

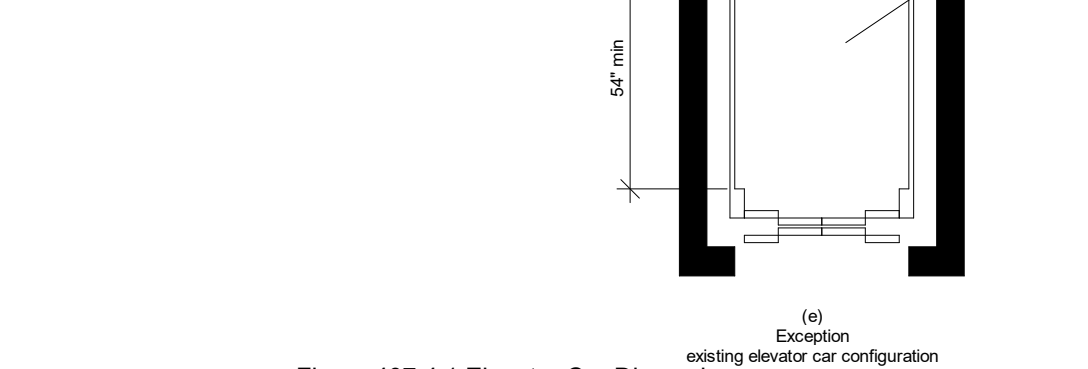


Figure 407.4.1 Elevator Car Dimensions

407.4.3 Platform to Hoistway Clearance. The clearance between the car platform sill and the edge of any hoistway landing shall be 1/4 inch (32 mm) maximum.

407.4.4 Leveling. Each car shall be equipped with a self-leveling feature that will automatically bring and maintain the car at floor landings within a tolerance of 1/4 inch (13 mm) under rated loading to zero loading conditions.

407.4.6 Elevator Car Controls. Where provided, elevator car controls shall comply with 407.4.6 and 309.4. EXCEPTION: In existing elevators, where a new car operating panel complying with 407.4.6 is provided, existing car operating panels shall not be required to comply with 407.4.6.

407.4.6.1 Location. Controls shall be located within one of the reach ranges specified in 308. EXCEPTIONS: 1. Where the elevator panel serves more than 16 openings and a parallel approach is provided, buttons with floor designations shall be permitted to be 54 inches (1370 mm) maximum above the finish floor. 2. In existing elevators, car control buttons with floor designations shall be permitted to be located 54 inches (1370 mm) maximum above the finish floor where a parallel approach is provided. 407.4.6.2 Buttons. Car control buttons with floor designations shall comply with 407.4.6.2 and shall be raised or flush. EXCEPTION: In existing elevators, buttons shall be permitted to be recessed.

407.4.6.2.1 Size. Buttons shall be 3/4 inch (19 mm) minimum in their smallest dimension.

407.4.6.4.1 Height. Emergency control buttons shall have their centerlines 35 inches (890 mm) minimum above the finish floor.

407.4.6.4.2 Location. Emergency controls, including the emergency alarm, shall be grouped at the bottom of the panel.

407.4.7.1.1 Type. Control buttons shall be identified by tactile characters complying with 703.2.

407.4.7.1.2 Location. Raised character and braille designations shall be placed immediately to the left of the control button to which the designations apply. EXCEPTION: Where space on an existing car operating panel precludes tactile markings to the left of the controls, markings shall be placed as near to the control as possible.

407.4.7.2 Keypads. Keypads shall be identified by characters complying with 703.5 and shall be centered on the corresponding keypad button. The number five key shall have a single raised dot. The dot shall be 0.118 inch (3 mm) to 0.120 inch (3.05 mm) base diameter and in other aspects comply with Table 703.3.1.

407.4.8 Car Position Indicators. Audible and visible car position indicators shall be provided in elevator cars.

407.4.8.1 Visible Indicators. Visible indicators shall comply with 407.4.8.1.

407.4.8.1.1 Size. Characters shall be 1/2 inch (13 mm) high minimum.

407.4.8.1.2 Location. Indicators shall be located above the car control panel or above the door.

407.4.8.1.3 Floor Arrival. As the car passes a floor and when a car stops at a floor served by the elevator, the corresponding character shall illuminate. EXCEPTION: Destination-oriented elevators shall not be required to comply with 407.4.8.1.3 provided that the visible indicators extinguish when the call has been answered.

407.4.8.1.4 Destination Indicator. In destination-oriented elevators, a display shall be provided in the car with visible indicators to show car destinations.

410-Platform Lifts

410.1 General. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift.

410.2 Floor Surfaces. Floor surfaces in platform lifts shall comply with 302 and 303.

410.3 Clear Floor Space. Clear floor space in platform lifts shall comply with 305.

410.4 Platform to Runway Clearance. The clearance between the platform sill and the edge of any runway landing shall be 1/4 inch (32 mm) maximum.

410.5 Operable Parts. Controls for platform lifts shall comply with 309.

410.6 Doors and Gates. Platform lifts shall have low-energy power-operated doors or gates complying with 404.3. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32 inches (815 mm) minimum. Side doors and gates shall provide a clear width 42 inches (1065 mm) minimum. EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.

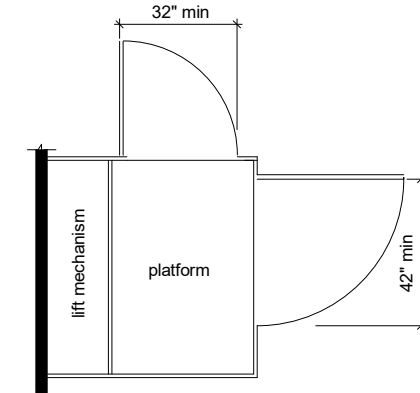


Figure 410.6 Platform Lift Doors and Gates

CHAPTER 5: GENERAL SITE AND BUILDING ELEMENTS

502-Parking Spaces

502.1 General. Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.

502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3. EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.

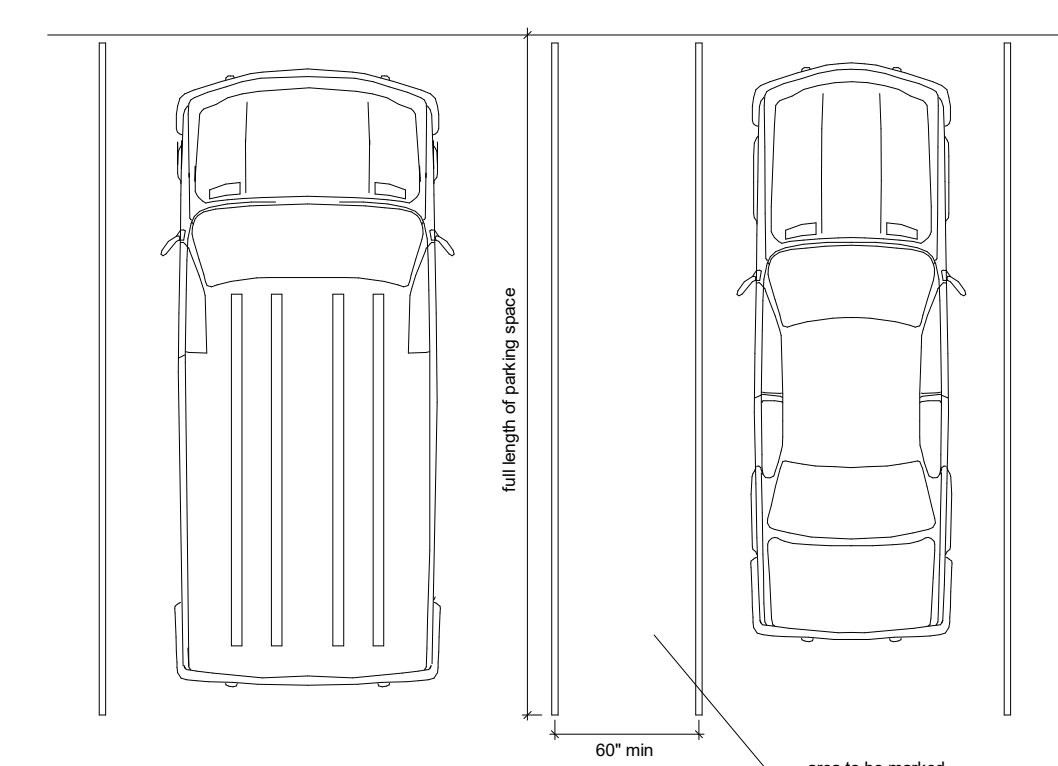


Figure 502.2 Vehicle Parking Spaces

502.3 Access Aisle. Access aisles serving parking spaces shall comply with 502.3. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle.

502.3.1 Width. Access aisles serving car and van parking spaces shall be 60 inches (1525 mm) wide minimum.

502.3.2 Length. Access aisles shall extend the full length of the parking spaces they serve.

502.3.3 Marking. Access aisles shall be marked so as to discourage parking in them.

502.3.4 Location. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces.

502.4 Floor or Ground Surfaces. Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

502.5 Vertical Clearance. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2490 mm) minimum.

502.6 Identification. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

502.7 Relationship to Accessible Routes. Parking spaces and access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes.

504-Stairways

504.1 General. Stairs shall comply with 504.

504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum. Treads shall be 11 inches (280 mm) deep minimum.

504.3 Open Risers. Open risers are not permitted.

504.4 Tread Surface. Stair treads shall comply with 302. Changes in level are not permitted. EXCEPTION: Treads shall be permitted to have a slope not steeper than 1:48.

504.5 Nosing. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1/2 inches (38 mm) maximum over the tread below.

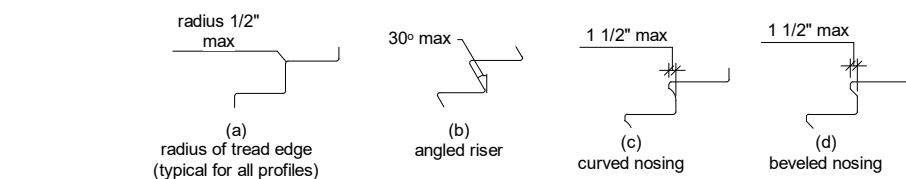


Figure 504.5 Stair Nosings

504.6 Handrails. Stairs shall have handrails complying with 505.

504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.

505-Railings

505.1 General. Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply with 505.

Advisory 505.1 General. Handrails are required on ramp runs with a rise greater than 6 inches (150 mm) (see 405.8) and on certain stairways (see 504). Handrails are not required on walking surfaces with running slopes less than 1:20. However, handrails are required to comply with 505 when they are provided on walking surfaces with running slopes less than 1:20 (see 403.6). Sections 505.2, 505.3, and 505.10 do not apply to handrails provided on walking surfaces with running slopes less than 1:20 as these sections only reference requirements for ramps and stairs.

505.2 Where Required. Handrails shall be provided on both sides of stairs and ramps.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.

505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

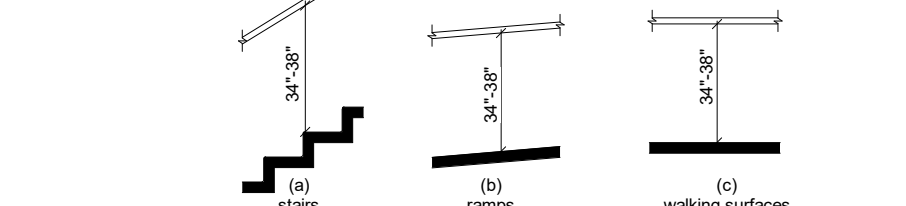


Figure 505.4 Handrail Height

505.5 Clearance. Clearance between handrail gripping surfaces and adjacent surfaces shall be 2 1/4 inches (57 mm) minimum.



Figure 505.5 Handrail Clearance

505.6 Gripping Surface. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping surface.

505.7.1 Circular Cross Section. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Non-Circular Cross Sections. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.

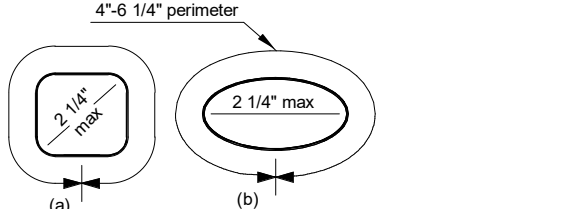


Figure 505.7.2 Handrail Non-Circular Cross Section

505.8 Surfaces. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges.

505.9 Fittings. Handrails shall not rotate within their fittings.

505.10 Handrail Extensions. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs in accordance with 505.10.

505.10.1 Top and Bottom Extension at Ramps. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.

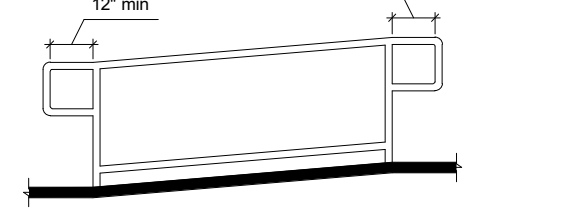


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

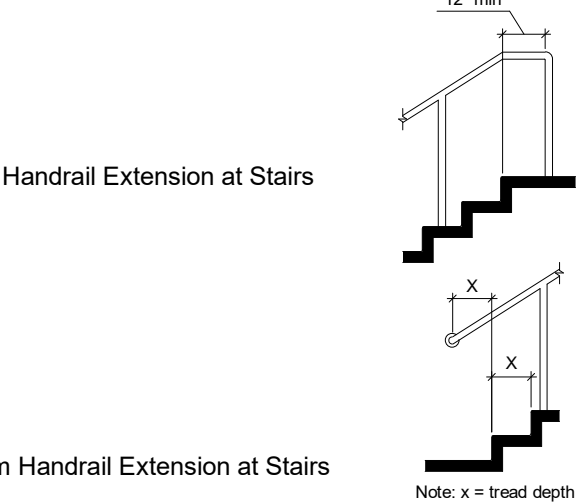


Figure 505.10.2 Top Handrail Extension at Stairs

Figure 505.10.3 Bottom Handrail Extension at Stairs

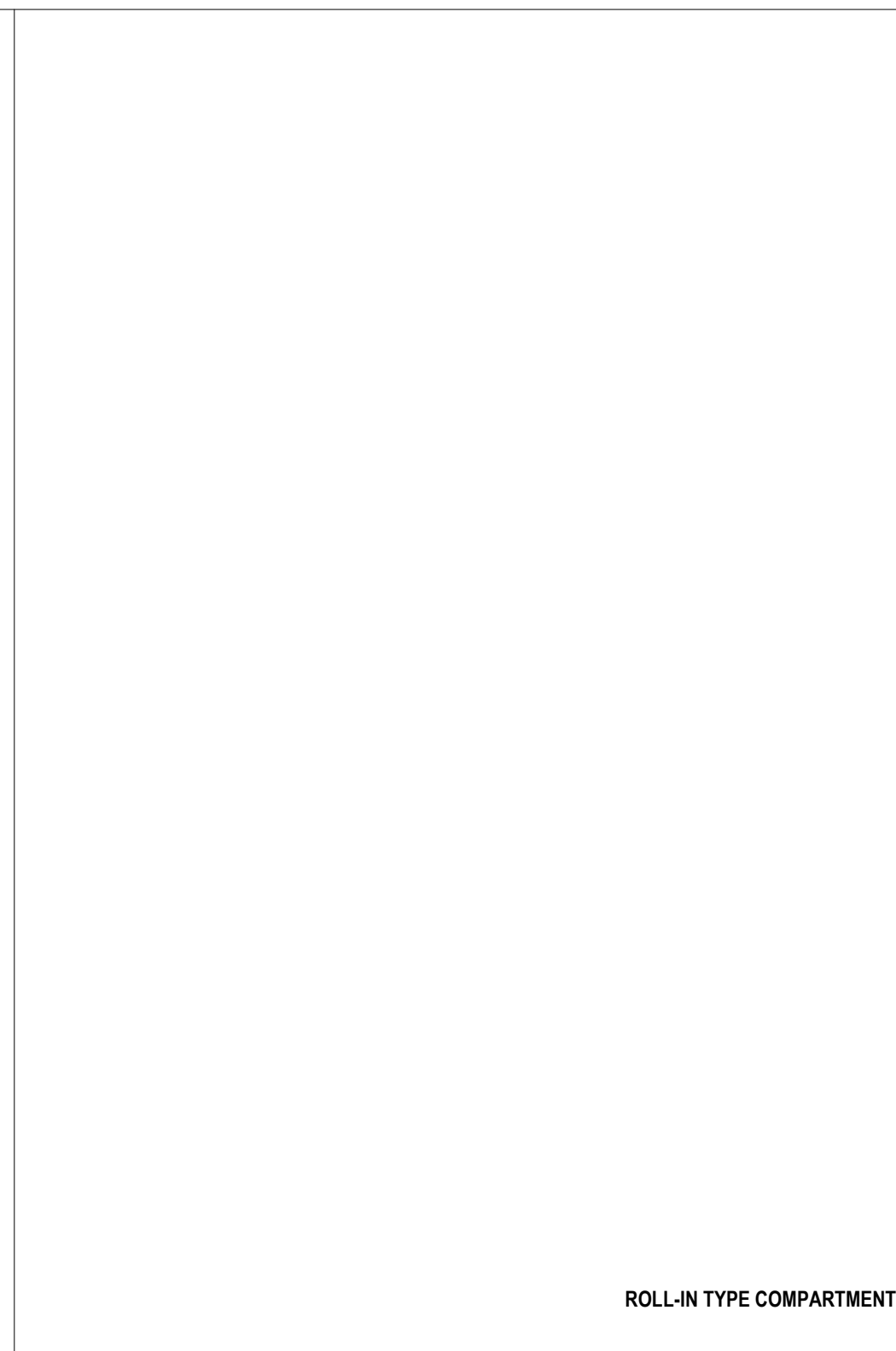
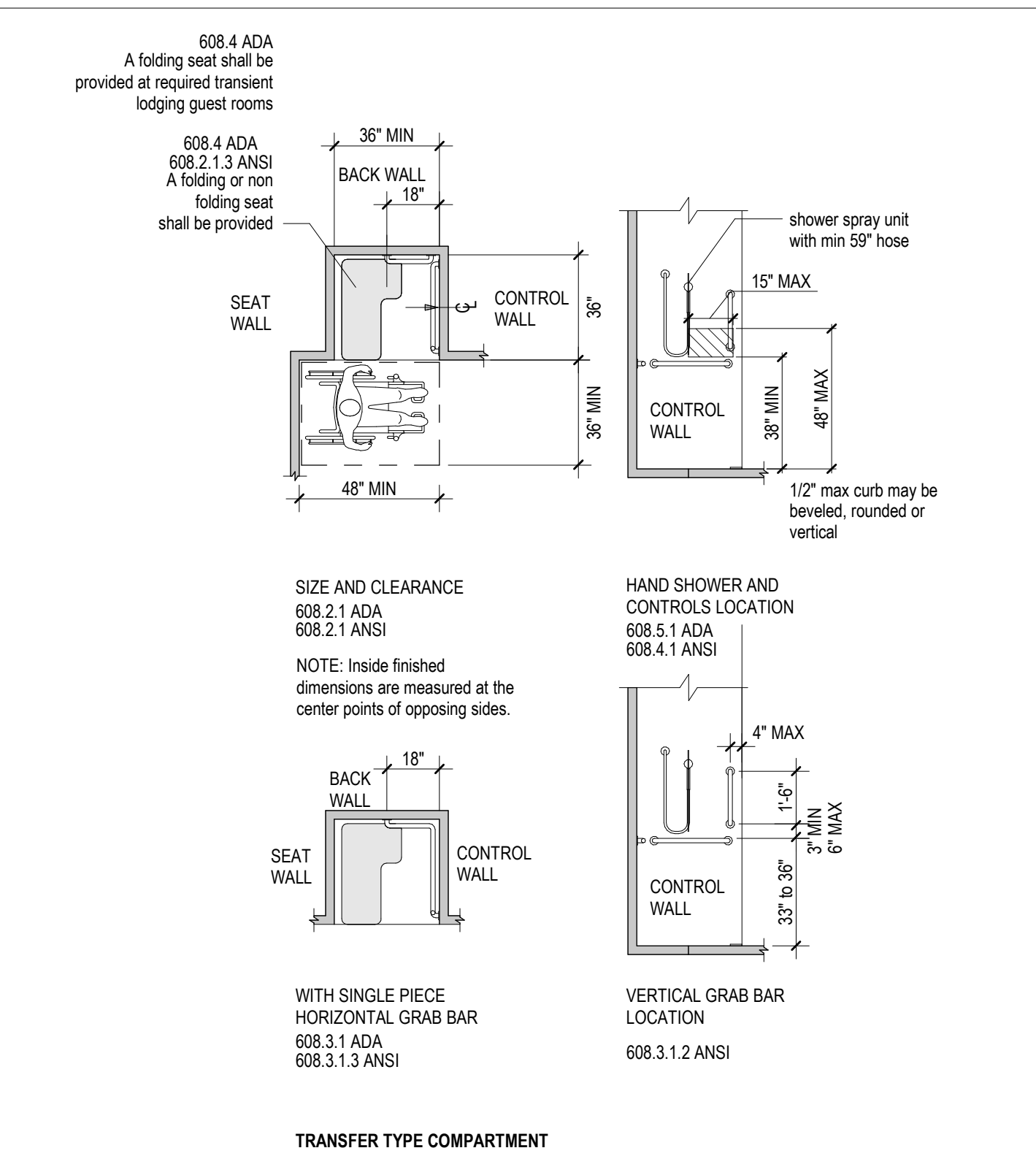
505.10.3 Bottom Extension at Stairs. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

705.2 Platform Edges. Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the public use areas of the platform.

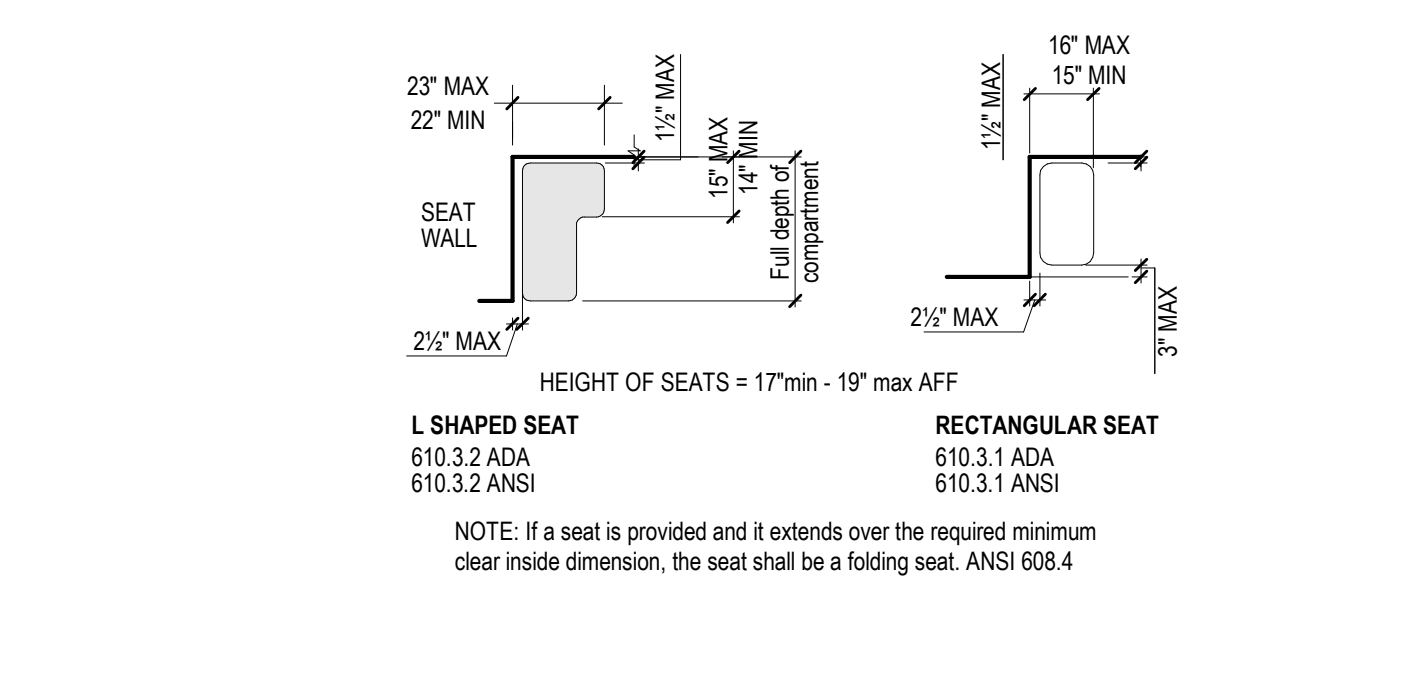
SHOWER COMPARTMENTS (SECTION 608)

SHOWER UNIT:
608.6 ADA & 608.6 ANSI
EXCEPTION: a fixed shower head mounted at 48" above the shower floor may be used in lieu of the hand held shower head in facilities that are not medical facilities, long term care facilities, transient lodging guest rooms or dwelling units.

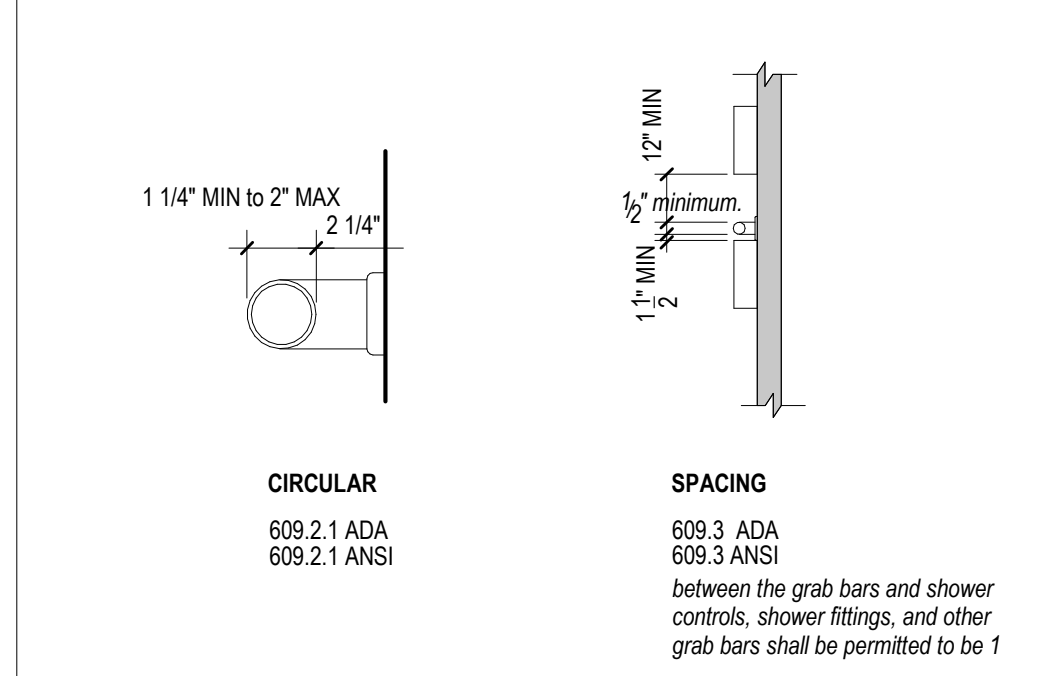
THRESHOLDS
608.7 ADA & 608.6 ANSI - Thresholds at roll in type shower compartments shall be 1/2" maximum in height in accordance with Section 303. See Below.
In transfer type shower compartments, thresholds 1/2" maximum in height shall be beveled, rounded or vertical.
303.2 - changes in level of 1/4" maximum in height shall be permitted to be vertical.
303.3 - changes in level greater than 1/4" in height and not more than 1/2" maximum in height shall be beveled with a slope not steeper than 1:2



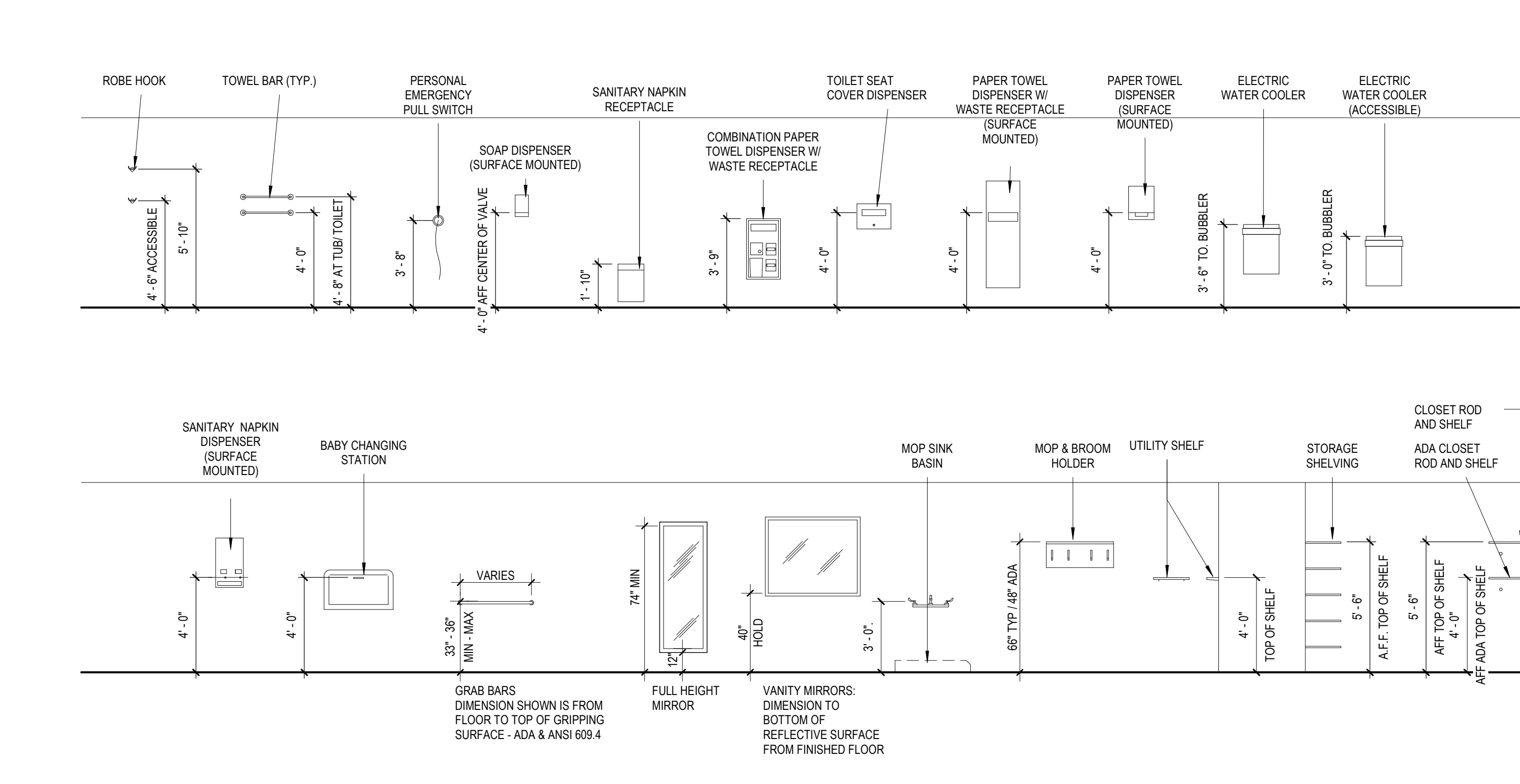
SHOWER SEATS



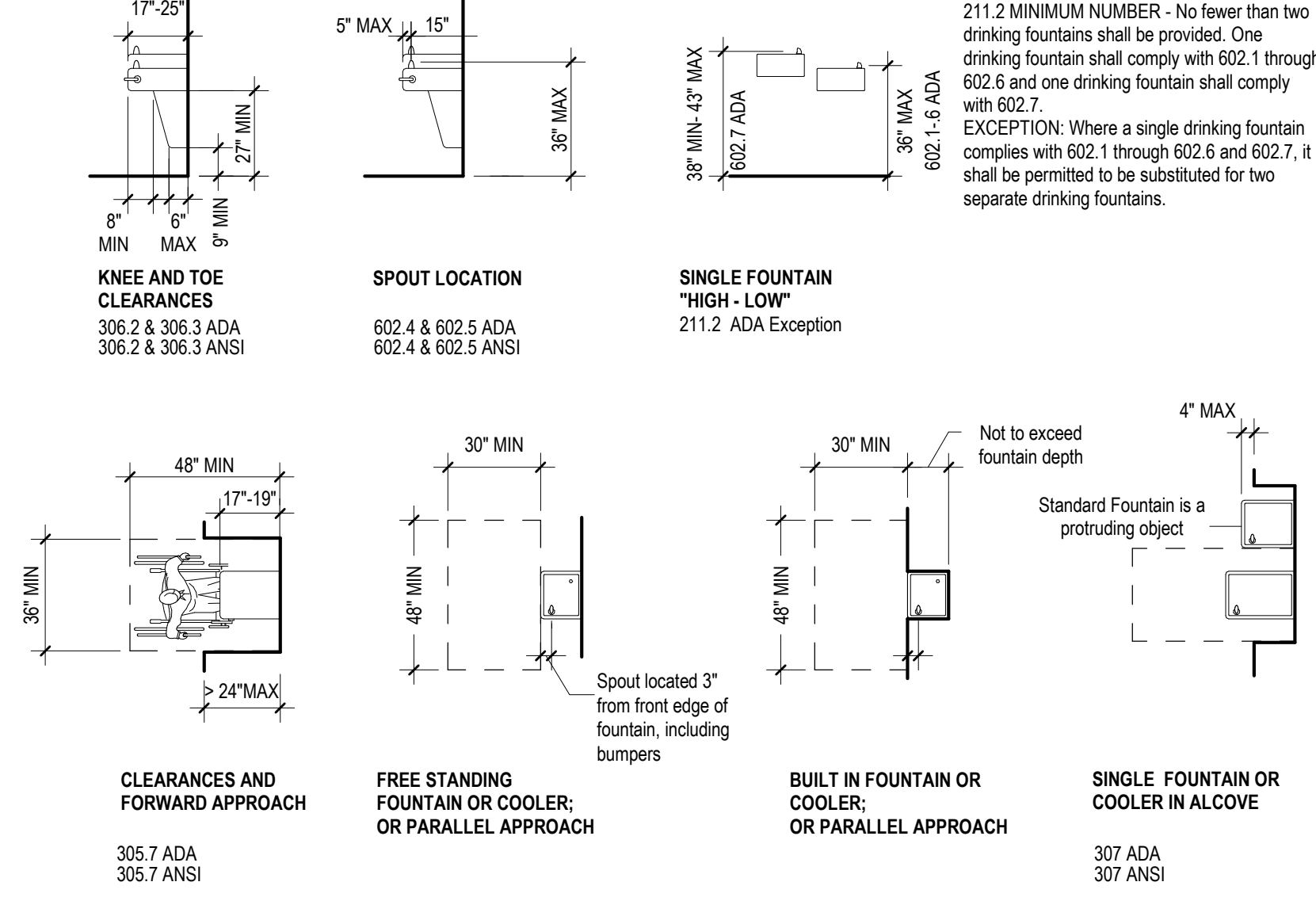
GRAB BARS (SECTION 609)



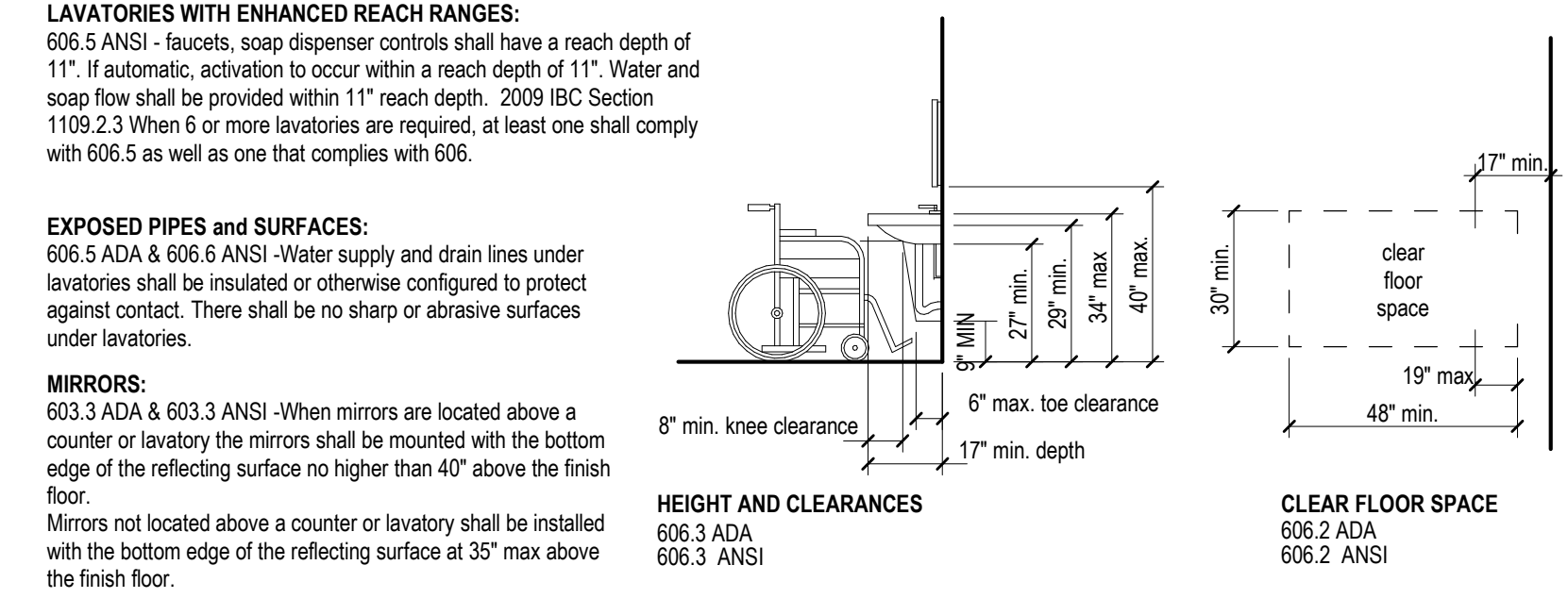
TOILET ACCESSORY MOUNTING HEIGHTS



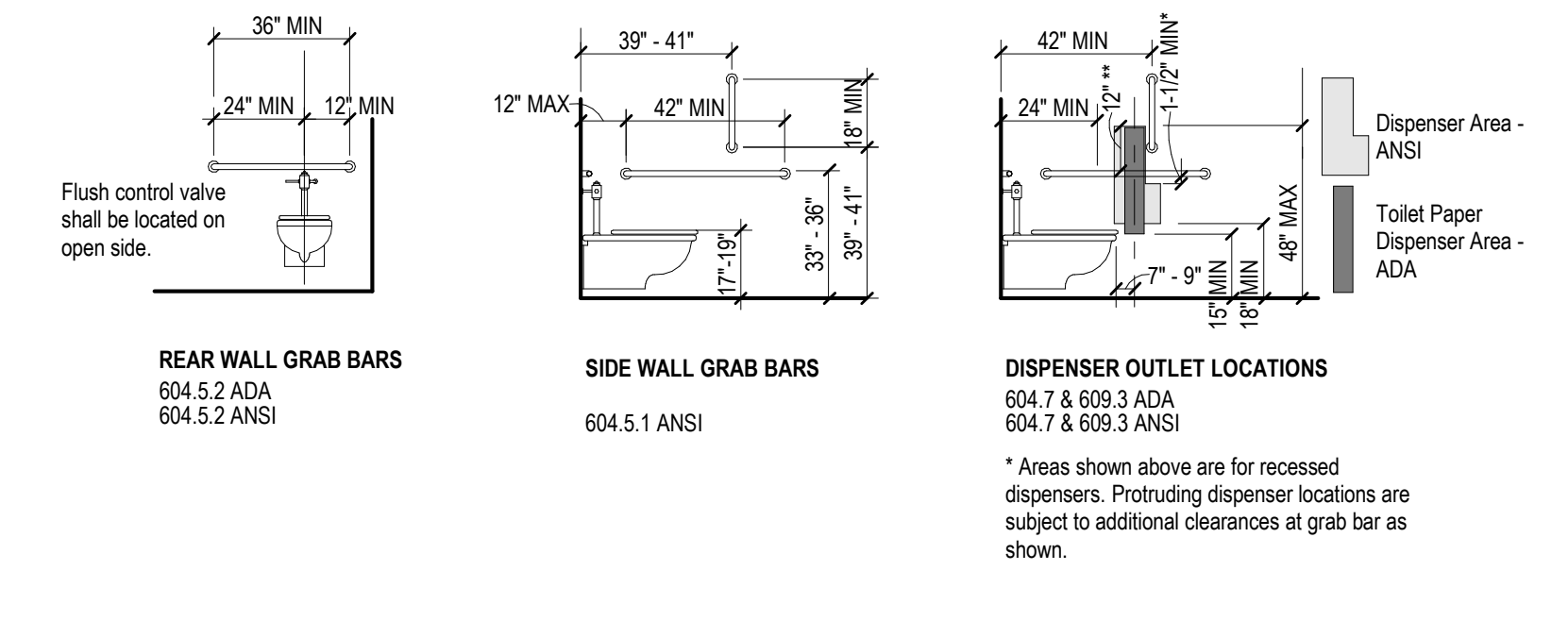
DRINKING FOUNTAINS (SECTION 602)



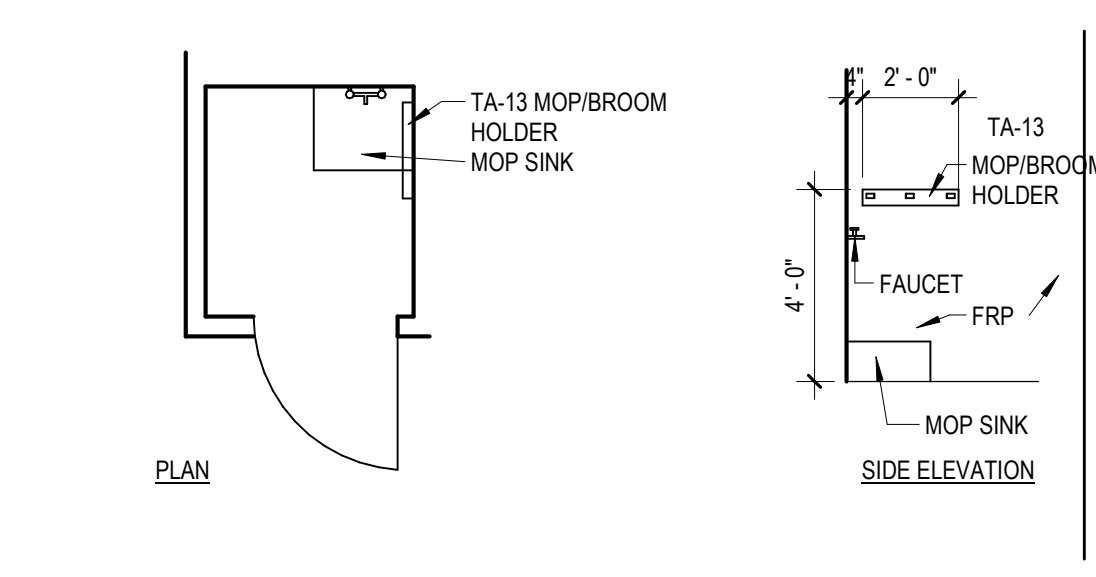
LAVATORIES & MIRRORS



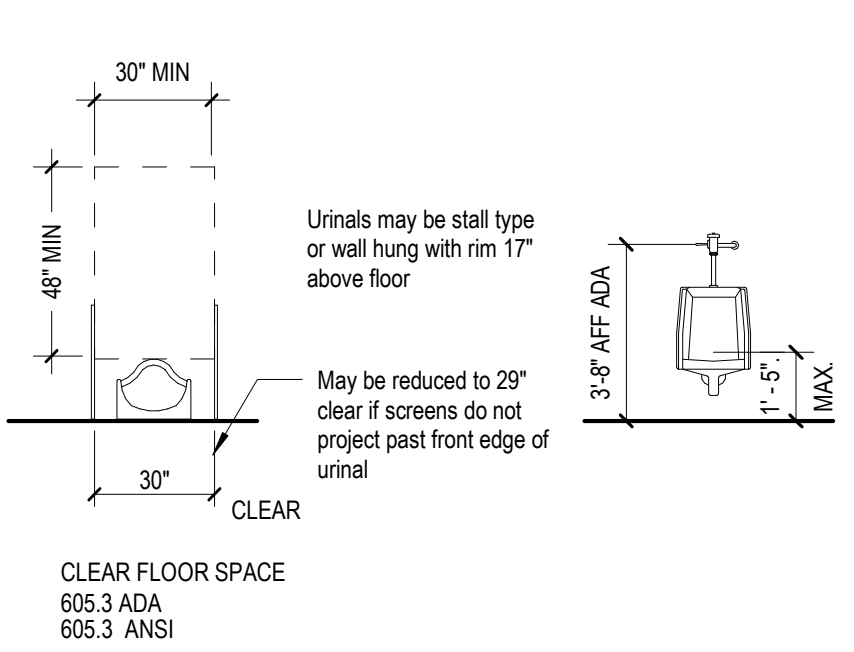
WATER CLOSETS / TOILET STALLS / URINALS



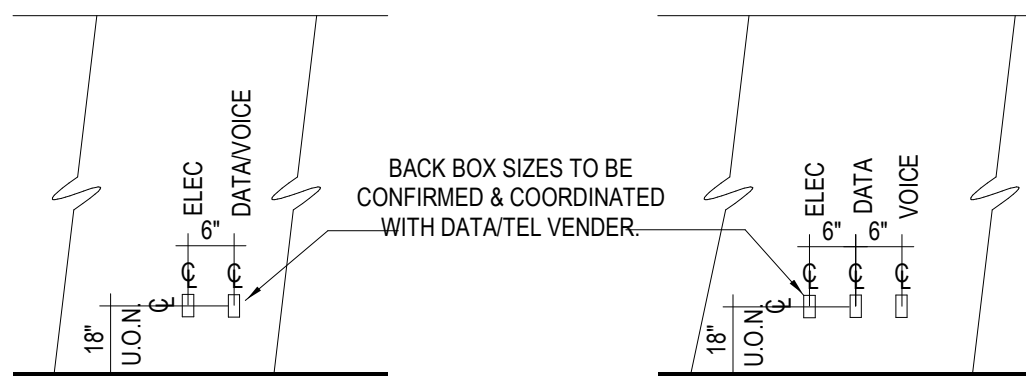
JANITORS CLOSET



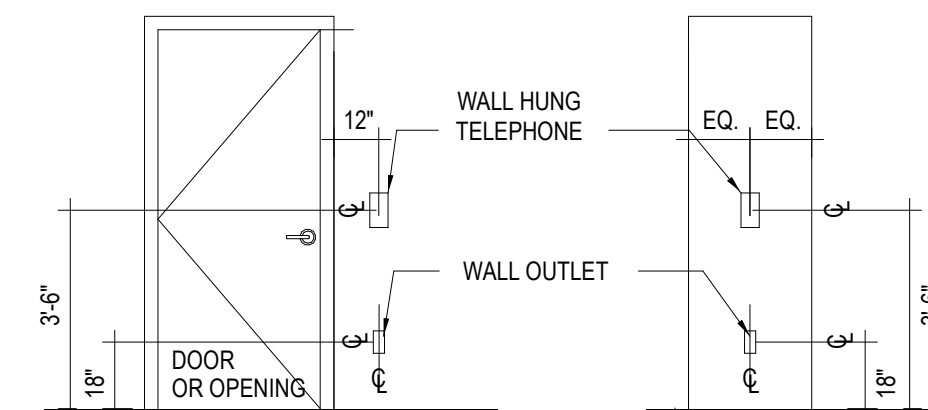
URINALS (SECTION 605)



DEVICE LOCATION & ALIGNMENTS

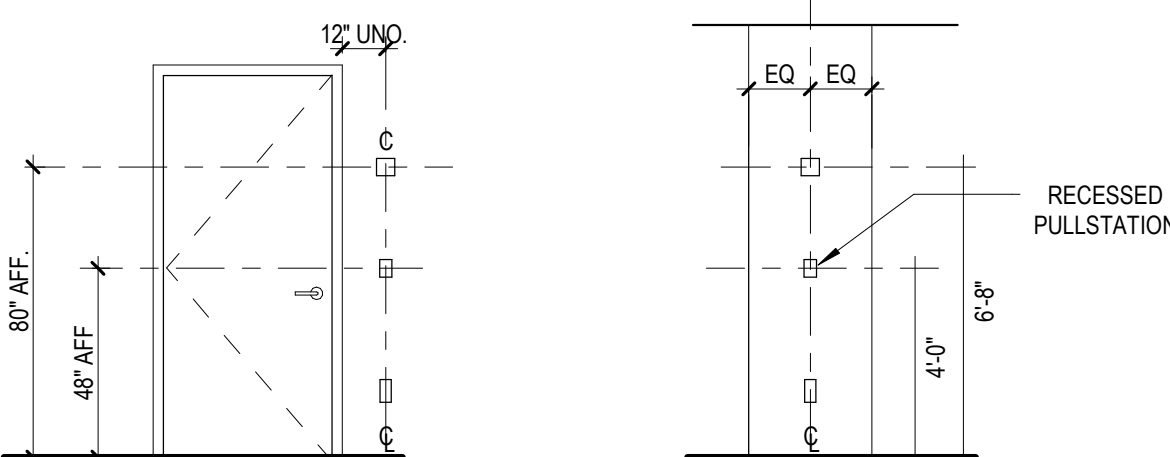


5 TYPICAL LOCATION FOR COMBINED OUTLETS AT VISIBLE AREAS (REFER TO GENERAL NOTE NO. 4 FOR FURTHER CLARIFICATION)

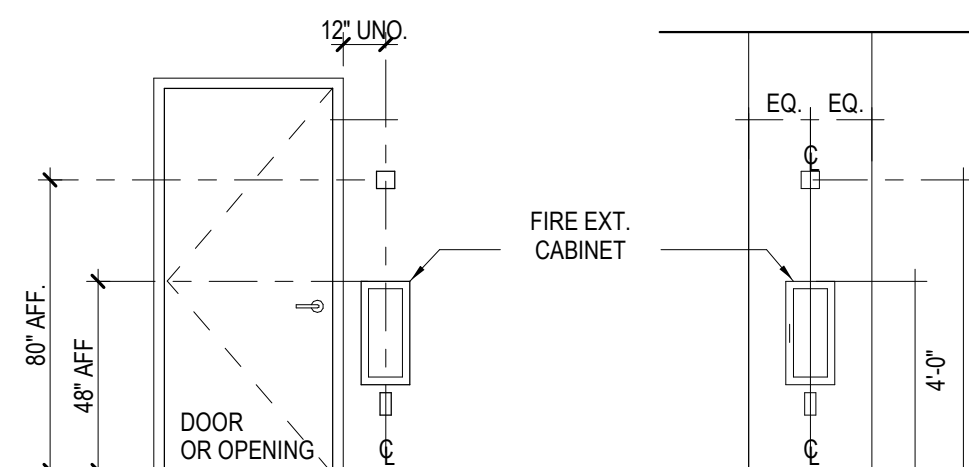


NOTE: (COORDINATE WALL OUTLET AT TELEPHONE)

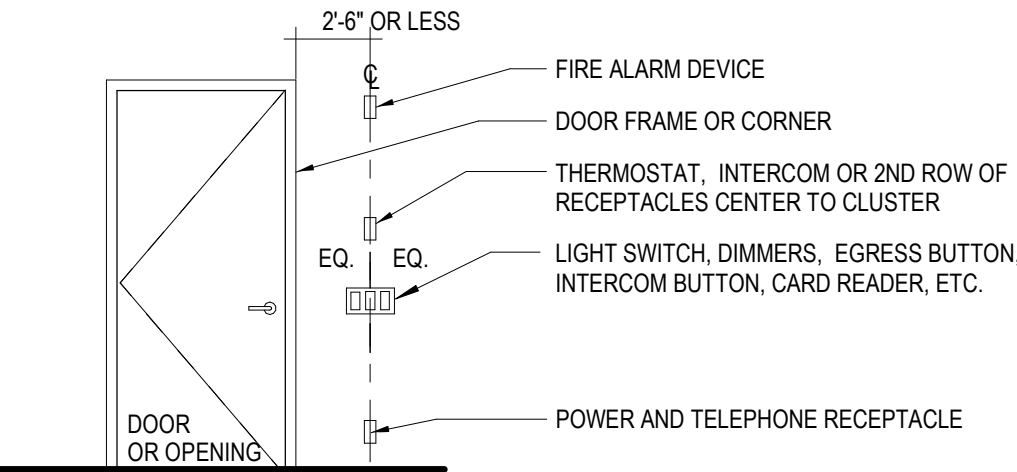
6 TYPICAL LOCATION FOR WALL HUNG TELEPHONE @ WALL OR COLUMN



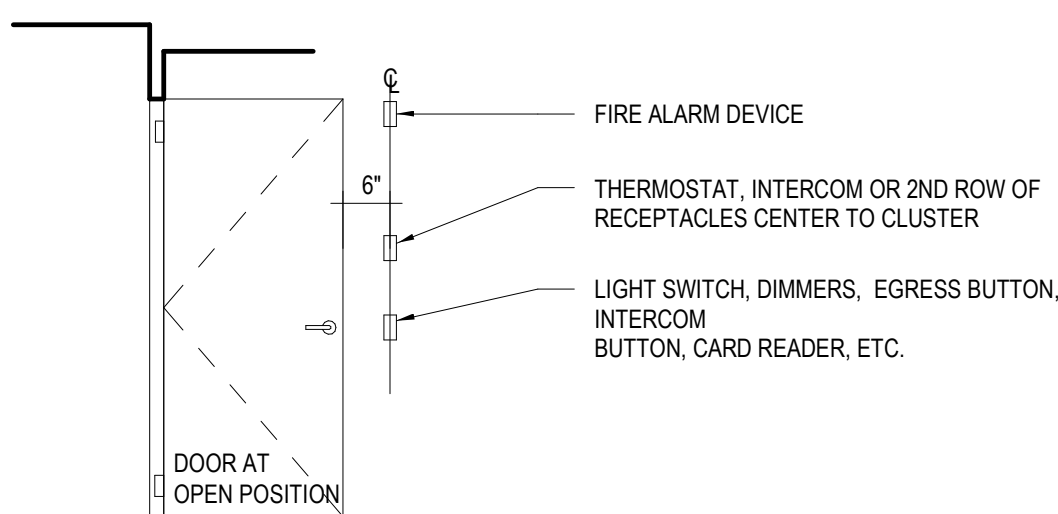
7 WALL OUTLET, FIRE ALARM DEVICE, PULL STATION



8 WALL OUTLET, FIRE EXTINGUISHER CABINET, & FIRE ALARM DEVICE

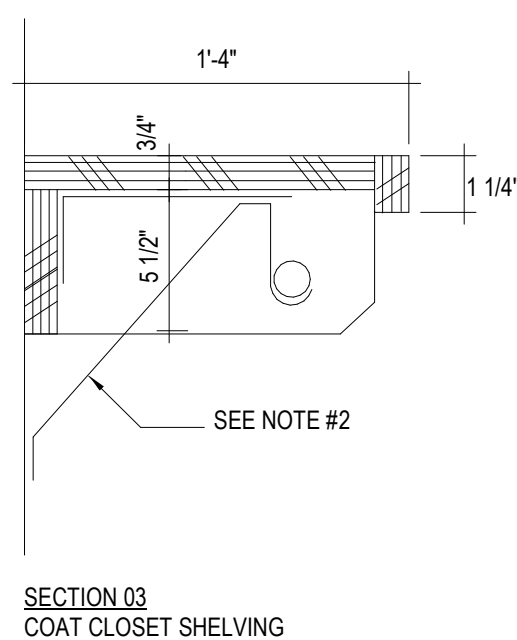


9 WALL OUTLET, LIGHT SWITCHES, REQUEST TO EXIT BUTTONS, THERMOSTAT, FIRE ALARM DEVICE



10 WALL OUTLET, FIRE ALARM DEVICE, PULL STATION AT INTERIOR OFFICE OR CONF. ROOM

TYPICAL CLOSET AND STORAGE

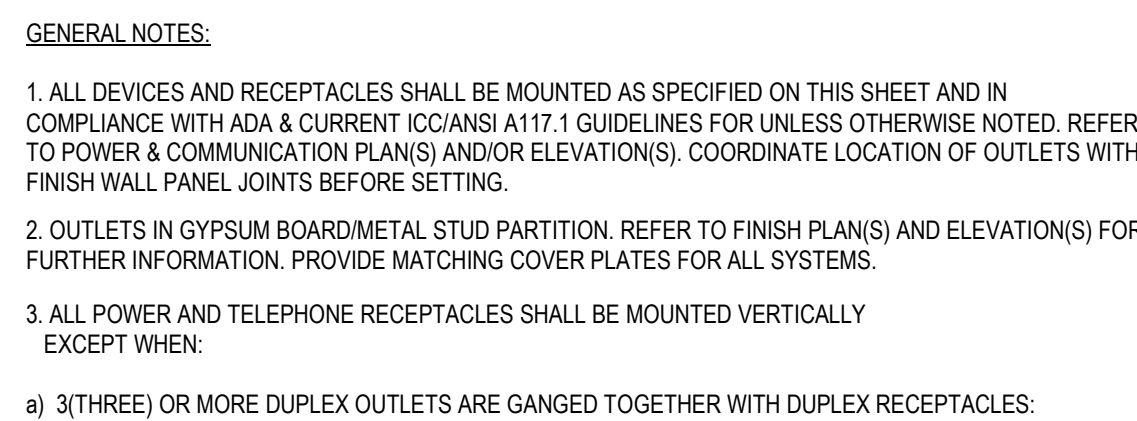


NOTES:
PROVIDE ALL REQ'D IN WALL BLOCKING

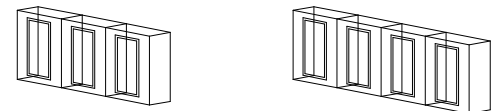
11 TYPICAL COAT CLOSET

NOTES:

1. ALL BIRCH OR MAPLE VENEER SHELVING SHALL BE CLEAR LACQ. FIN. U.O.N..
2. PROVIDE SHELF/ROD BRACKETS AT STUDS OR IN WALL BLOCKING
3. ALL COAT CLOSETS SHALL HAVE SHELVING AS INDICATED ON SECTION '1'.
4. REFER TO CONSTRUCTION DRAWINGS FOR LOCATION OF RODS MOUNTED AT 48" AFF. COAT CLOSET TYPE 'B'



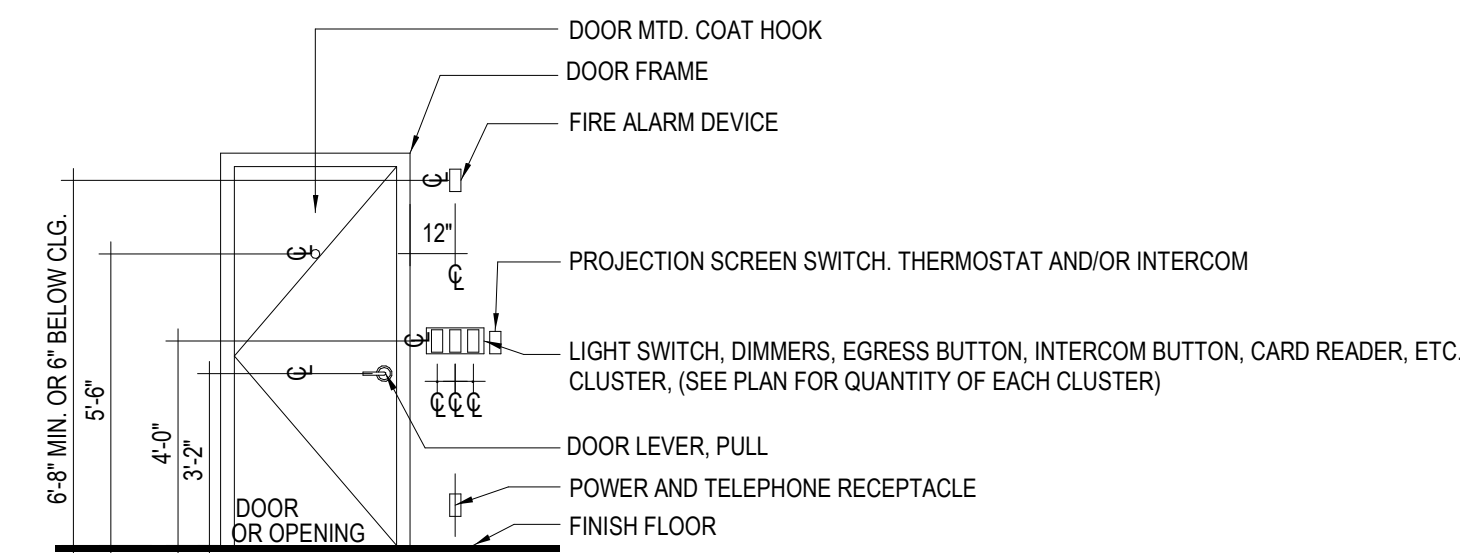
a) 3(THREE) OR MORE DUPLEX OUTLETS ARE GANGED TOGETHER WITH DUPLEX RECEPTACLES:



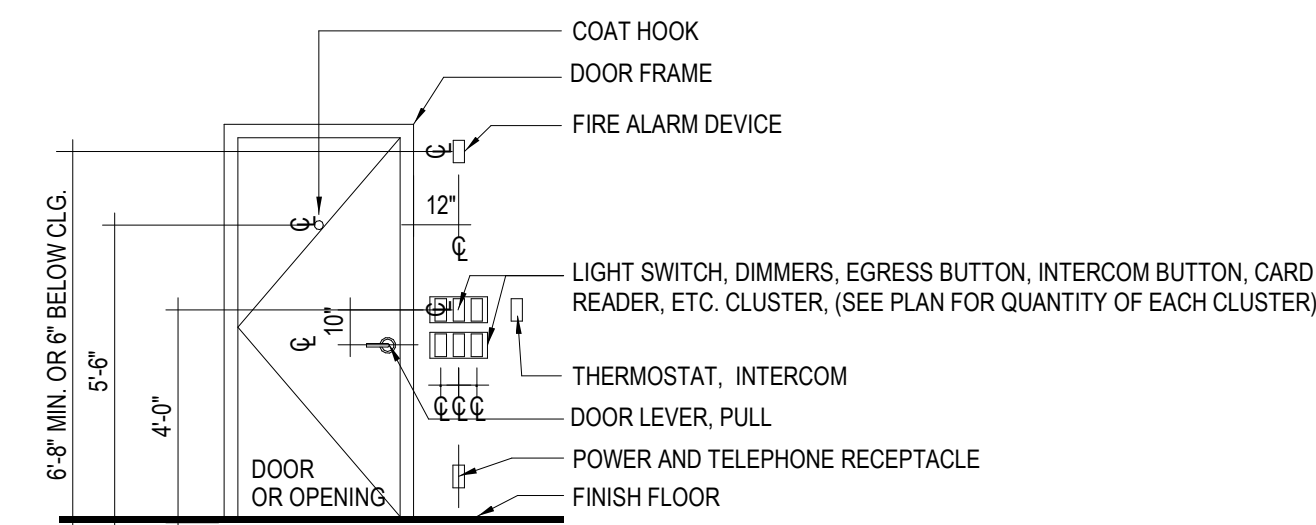
b) QUAD OUTLETS (OR SQUARE DATA/COMMUNICATION BOXES) ARE GANGED TOGETHER WITH DUPLEX RECEPTACLES



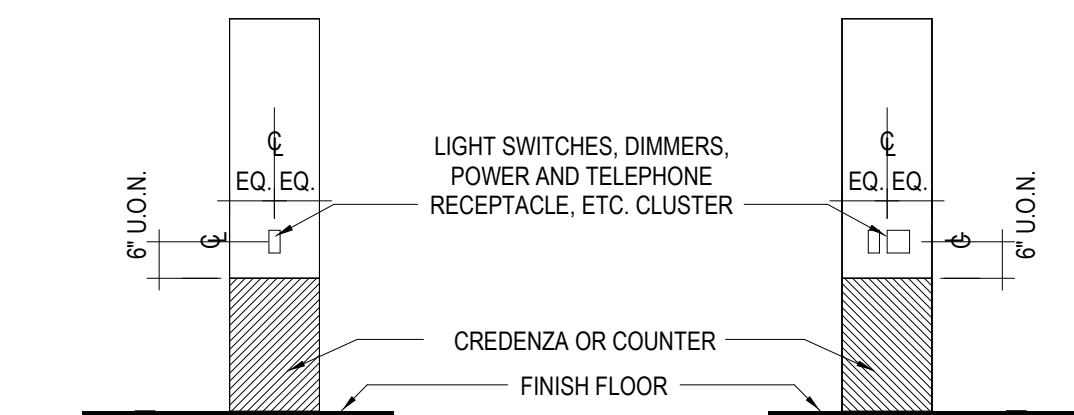
5. SUBMIT CUT-SHEET(S) OR SAMPLE OF ALL DEVICES, INCLUDING POWER AND COMMUNICATION RECEPTACLES, SWITCHES, PUSH BUTTONS, COVER PLATES, THERMOSTATS, HVAC DIFFUSERS, FIRE SAFETY DEVICES, EXIT SIGNS, ACCESS DOORS, WALL MOUNTED PHONES, ETC. TO ARCHITECT FOR REVIEW AND APPROVAL FOR AESTHETIC CONFORMITY.



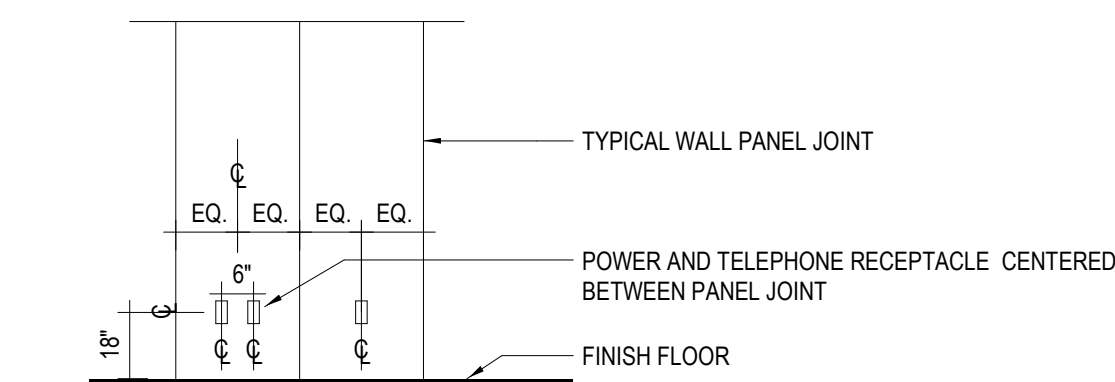
1 TYPICAL LOCATION FOR LIGHT SWITCHES, DIMMERS, EGRESS BUTTONS, THERMOSTATS
PROJECTION SCREEN SWITCHES, ETC.



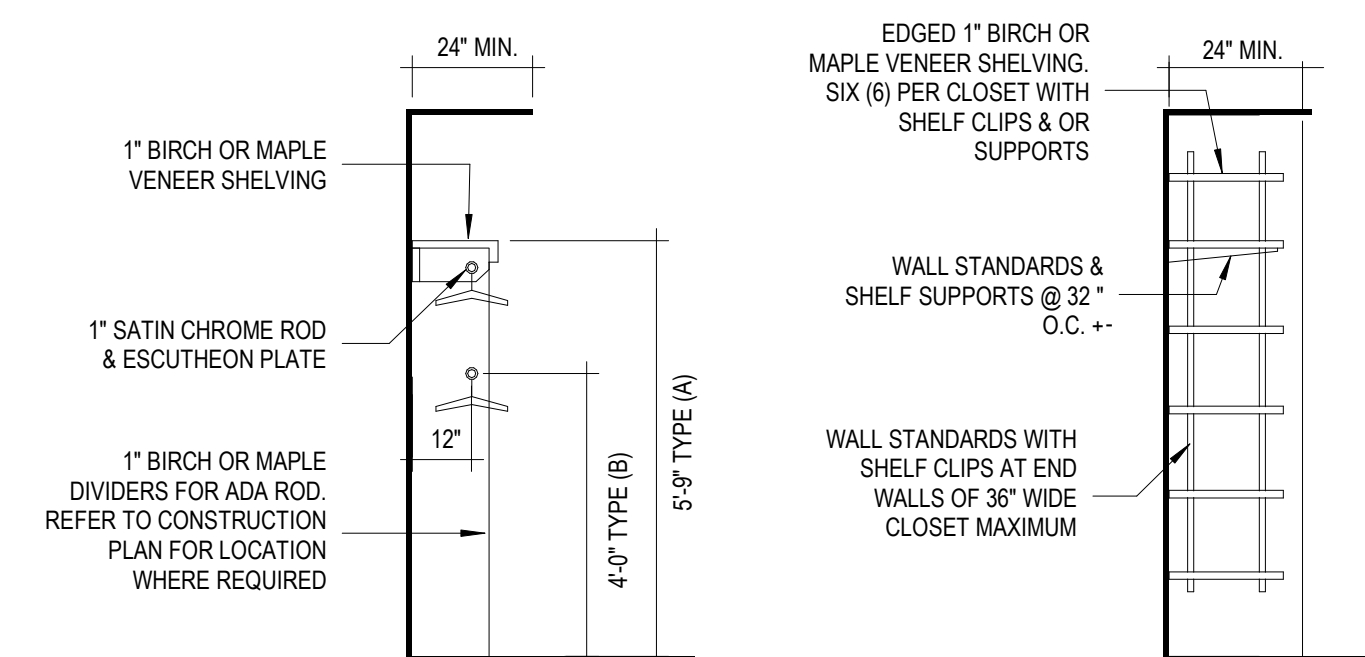
2 TYPICAL LOCATION FOR TWO ROWS OF LIGHT SWITCHES, DIMMERS, EGRESS BUTTONS, THERMOSTATS, ETC.



3 TYPICAL LOCATION FOR OUTLETS, SWITCHES AND THERMOSTATS, ETC. AT CREDENZA OR COUNTERTOP (REFER TO GENERAL NOTE NO. 4 FOR FURTHER CLARIFICATION)



4 TYPICAL LOCATION FOR POWER AND TELEPHONE OUTLETS AT WALL PANEL OR COLUMN
(REFER TO GENERAL NOTE NO. 4 FOR FURTHER CLARIFICATION)



SECTION 01
COAT CLOSET TYPE 'A' AND 'B' (ADA)

SECTION 02
STORAGE CLOSET TYPE 'C'

GENERAL NOTES

SHEET NOTES

LEGEND

DRAWING ISSUE	
DATE	ISSUED FOR
07/21/2023	50% DESIGN
	DEVELOPMENT

[illegible]

NOT FOR CONSTRUCTION

WDG Project No: 2024003

ADA REFERENCE GUIDELINES

SHEET NO.

G104

IBC CLASSIFICATION	Level	AREA	AREA/ OCC.	OCC. LOAD	NFPA Classification	Area Per Occupant-NFPA	NFPA Occupants	EXIT WIDTH OCC.	TOTAL REQ. EXIT WIDTH	Egress Width Factor (Sprinklered)	Total Required Exit Width (Sprinklered)
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	LEVEL 1	637 SF	300 SF	4	STORAGE USE - IN OTHER THAN STORAGE AND MERCANTILE OCCUPANCIES	500 SF	1273875	0.2"	0.8"	0.15"	0.6"
BUSINESS AREAS	LEVEL 1	6939 SF	150 SF	49	BUSINESS USE - (OTHER THAN AIR TRAFFIC CONTROL TOWER OBSERVATION LEVELS)	100 SF	69,386244	0.2"	9.8"	0.15"	7.35"
RESIDENTIAL	<varies>	7368 SF	200 SF	71	RESIDENTIAL USE - APARTMENT BUILDINGS	200 SF	36.837952	0.2"	14.1"	0.15"	10.65"
Grand total		14943 SF		124			107.49807		24.7"		18.6"

WDG Project No:	2024003
SHEET NAME	
CODE SUMMARY & INFORMATION	
SHEET NO.	G110

GENERAL NOTES

- RE: G110 FOR BUILDING CODE SUMMARY & INFORMATION. NOTE THAT IBC AND NFPA ARE USED BASED ON THE MOST RESTRICTIVE FOR AREA PER PERSON AND EGRESS OPENING REQUIREMENTS.
- RE: G300 FOR RATED WALL TYPES & INFORMATION AND TO G110 FOR EXTERIOR WALLS RATING.
- UL ASSEMBLIES INDICATED ESTABLISH A BASIS PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT THE DISCRETION OF THE ARCHITECT IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES TO ALL COMPONENTS OF THE ASSEMBLY.
- PROTECT ALL CONDUIT, PIPES, DUCTS AND MISCELLANEOUS PENETRATIONS THROUGH FIRE RATED WALLS AND ROOF WITH FIRE SAFING INSULATION AND FIRE STOP SEALANT. REFER TO UL GUIDELINES FOR APPROPRIATE ASSEMBLIES.
- PROVIDE DAMPERS AND LIGHT FIXTURE PROTECTION AS REQUIRED BY UL ASSEMBLIES.
- PROVIDE SPRAY-ON FIREPROOFING PROTECTION FOR STRUCTURAL MEMBERS CROSSING FROM AN AREA DESIGNATED TO BE A FIRE RATED FLOOR ASSEMBLY AND/OR A FIRE RATED ROOF ASSEMBLY INTO OTHER AREAS WITH ANY OTHER FIRE RATED ASSEMBLY OR NO FIRE RATED ASSEMBLY FOR THEIR FULL LENGTH, TYPICAL.
- RE: ELEC: FOR SMOKE DETECTORS, EXIT LIGHTING, & FIRE ALARM INFORMATION.
- ALL WALLS ARE NON-RATED WALLS TO DECK ABOVE, U.N.O..
- REFER TO WALL TERMINATION DETAILS, BRACE ALL WALLS TO STRUCTURE ABOVE AS NOTED IN WALL BRACING NOTES AND WALL SPANNING NOTES. SEE STRUCTURAL SHEETS.
- REFER TO WALL TYPE INFORMATION FOR WALL CONSTRUCTION AND FIRE RATED ASSEMBLY UL NUMBERS.
- MARKING OF FIRE WALLS: PERMANENTLY MARK FIRE WALLS ABOVE CEILINGS AS FOLLOWS: "FIRE WALL - PROTECT ALL OPENINGS". LETTERS SHALL BE MINIMUM 2'-12" IN HEIGHT AND PAINTED RED. PROVIDE ONE TIME PER STRUCTURAL BAY.
- MARKING OF FIRE RATED AND SMOKE STOP PARTITIONS WHEN CALLED OUT: PERMANENTLY MARK FIRE RATED PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT ENCLOSURES ABOVE CEILINGS AS FOLLOWS: "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS". LETTERS SHALL BE MINIMUM 2'-12" IN HEIGHT AND PAINTED RED. PROVIDE ONE TIME PER STRUCTURAL BAY.
- COORDINATE LOCATION OF FIRE DEPARTMENT KEY LOCK BOX WITH ARCHITECT, OWNER'S REPRESENTATIVE, AND THE AUTHORITY HAVING JURISDICTION IN THE FIELD.

SHEET NOTES

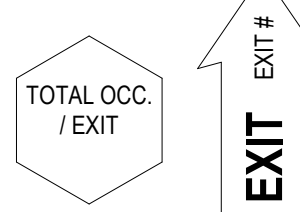
LEGEND

ROOM LABELS:

Name	ROOM NAME
101	ROOM NUMBER
150 SF	AREA
XXX OCC	OCC. LOAD

Room name ROOM LABELS FOR
SIMULTANEOUSLY
OCCUPIED OR NON-
OCCUPIED ROOMS

EXIT CAPACITY:



- EXIT ACCESS PATH OF TRAVEL
- COMMON PATH OF TRAVEL
- NEW EMERGENCY EXIT SIGN

FIRE EXTINGUISHERS AND CABINETS:

FEC RECESSED FIRE EXTINGUISHER CABINET

WALL AND DOOR DESIGNATIONS:

- FIRE WALL
- 1-HR FIRE RATED PARTITION
- 2-HR FIRE RATED PARTITION
- 3-HR FIRE RATED PARTITION
- 30 MIN. FIRE RATED PARTITION
- 1HR DOOR FIRE RATING

DRAWING ISSUE

DATE	ISSUED FOR
07/21/2023	50% DESIGN DEVELOPMENT

REVISIONS

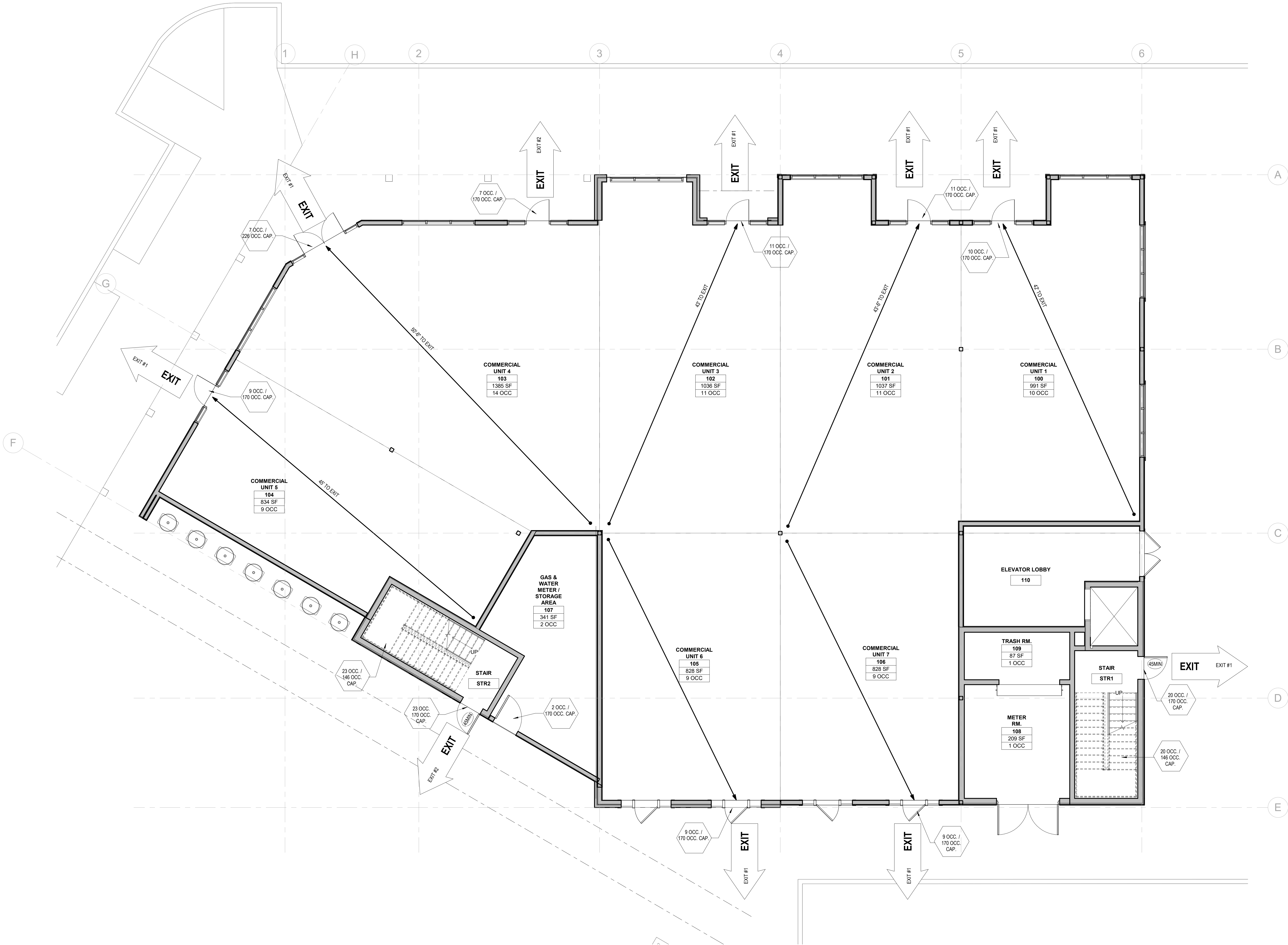
NO.	DESCRIPTION	DATE

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
FIRST FLOOR LIFE SAFETY
PLAN

SHEET NO.
G120



1
A310 (G120)
LEVEL 1 LIFE SAFETY PLAN
3/16" = 1'-0"

GENERAL NOTES

- RE: G110 FOR BUILDING CODE SUMMARY & INFORMATION. NOTE THAT IBC AND NFPA ARE USED BASED ON THE MOST RESTRICTIVE FOR AREA PER PERSON AND EGRESS OPENING REQUIREMENTS.
- RE: G300 FOR RATED WALL TYPES & INFORMATION AND TO G110 FOR EXTERIOR WALLS RATING.
- UL ASSEMBLIES INDICATED ESTABLISH A BASIS PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT THE DISCRETION OF THE ARCHITECT IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES TO ALL COMPONENTS OF THE ASSEMBLY.
- PROTECT ALL CONDUIT, PIPES, DUCTS AND MISCELLANEOUS PENETRATIONS THROUGH FIRE RATED WALLS AND ROOF WITH FIRE SAFING INSULATION AND FIRE STOP SEALANT. REFER TO UL GUIDELINES FOR APPROPRIATE ASSEMBLIES.
- PROVIDE DAMPERS AND LIGHT FIXTURE PROTECTION AS REQUIRED BY UL ASSEMBLIES.
- PROVIDE SPRAY-ON FIREPROOFING PROTECTION FOR STRUCTURAL MEMBERS CROSSING FROM AN AREA DESIGNATED TO BE A FIRE RATED FLOOR ASSEMBLY AND/OR A FIRE RATED ROOF ASSEMBLY INTO OTHER AREAS WITH ANY OTHER FIRE RATED ASSEMBLY OR NO FIRE RATED ASSEMBLY FOR THEIR FULL LENGTH, TYPICAL.
- RE: ELEC: FOR SMOKE DETECTORS, EXIT LIGHTING, & FIRE ALARM INFORMATION.
- ALL WALLS ARE NON-RATED WALLS TO DECK ABOVE, U.N.O.
- REFER TO WALL TERMINATION DETAILS, BRACE ALL WALLS TO STRUCTURE ABOVE AS NOTED IN WALL BRACING NOTES AND WALL SPANNING NOTES. SEE STRUCTURAL SHEETS.
- REFER TO WALL TYPE INFORMATION FOR WALL CONSTRUCTION AND FIRE RATED ASSEMBLY UL NUMBERS.
- MARKING OF FIRE WALLS: PERMANENTLY MARK FIRE WALLS ABOVE CEILINGS AS FOLLOWS: "FIRE WALL - PROTECT ALL OPENINGS". LETTERS SHALL BE MINIMUM 2'-12" IN HEIGHT AND PAINTED RED. PROVIDE ONE TIME PER STRUCTURAL BAY.
- MARKING OF FIRE RATED AND SMOKE STOP PARTITIONS WHEN CALLED OUT: PERMANENTLY MARK FIRE RATED PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT ENCLOSURES ABOVE CEILINGS AS FOLLOWS: "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS". LETTERS SHALL BE MINIMUM 2'-12" IN HEIGHT AND PAINTED RED. PROVIDE ONE TIME PER STRUCTURAL BAY.
- COORDINATE LOCATION OF FIRE DEPARTMENT KEY LOCK BOX WITH ARCHITECT, OWNER'S REPRESENTATIVE, AND THE AUTHORITY HAVING JURISDICTION IN THE FIELD.

SHEET NOTES

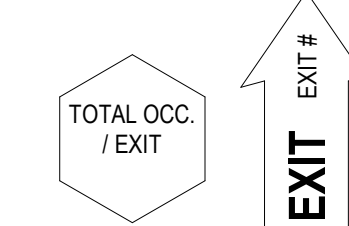
LEGEND

ROOM LABELS:

Name	ROOM NAME
101	ROOM NUMBER
150 SF	AREA
XXX OCC	OCC. LOAD

Room name ROOM LABELS FOR
SIMULTANEOUSLY
OCCUPIED OR NON-
OCCUPIED ROOMS

EXIT CAPACITY:



- — ● EXIT ACCESS PATH OF TRAVEL
● — ● COMMON PATH OF TRAVEL

- NEW EMERGENCY EXIT SIGN

FIRE EXTINGUISHERS AND CABINETS:

- FEC RECESSED FIRE EXTINGUISHER CABINET

WALL AND DOOR DESIGNATIONS:

- FIRE WALL
--- 1-HR FIRE RATED PARTITION
--- 2-HR FIRE RATED PARTITION
--- 3-HR FIRE RATED PARTITION
--- 30 MIN. FIRE RATED PARTITION
1HR DOOR FIRE RATING

DRAWING ISSUE

DATE	ISSUED FOR
07/21/2023	50% DESIGN DEVELOPMENT

REVISIONS

NO.	DESCRIPTION

NOT FOR CONSTRUCTION

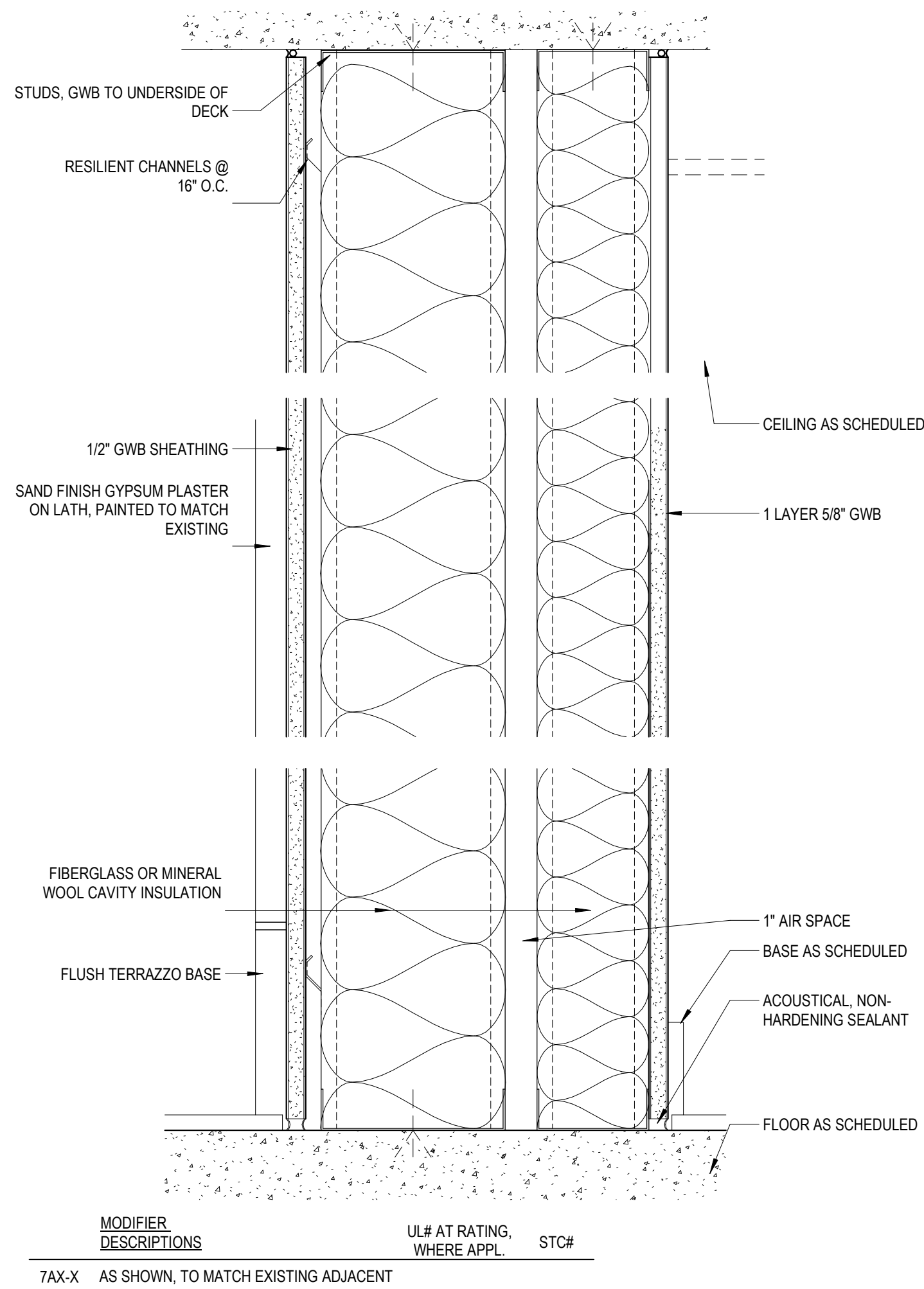
WDG Project No: 2024003

SHEET NAME
SECOND FLOOR LIFE SAFETY
PLANSHEET NO.
G121

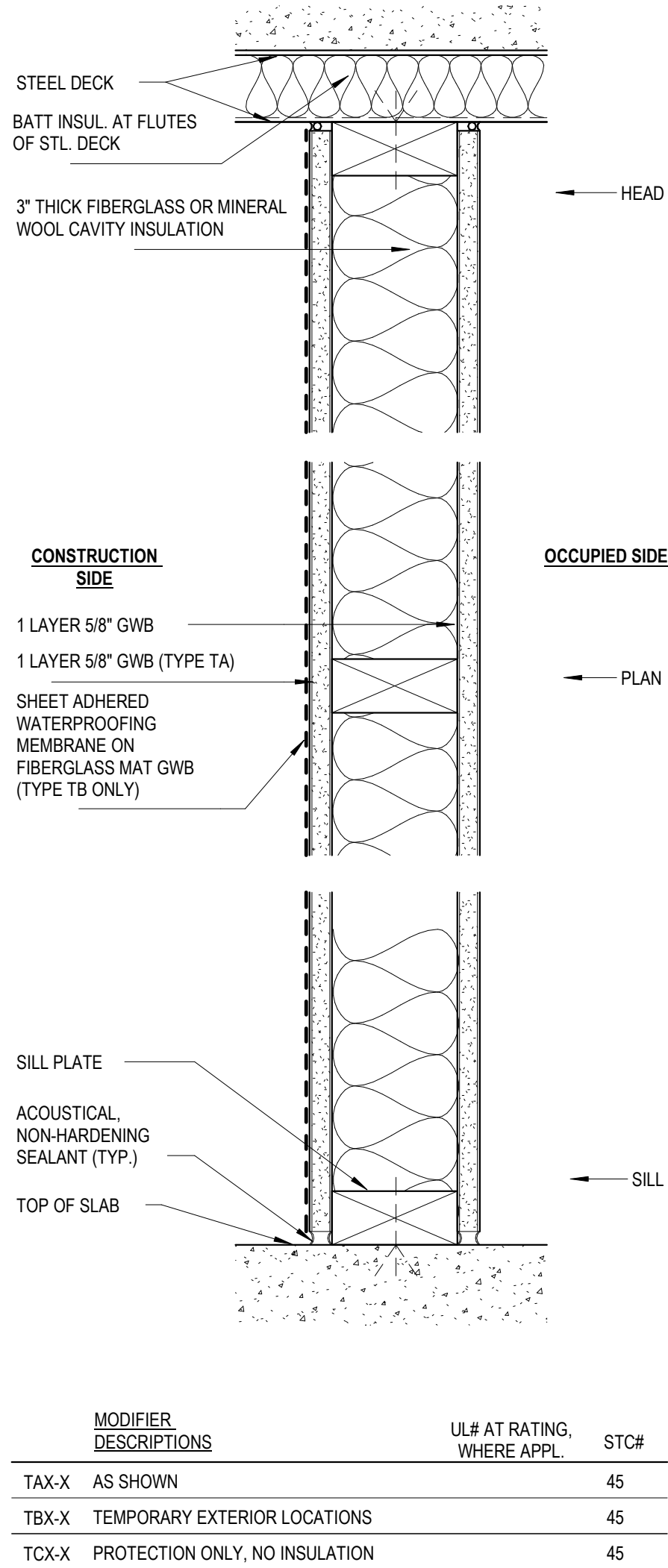
LEVEL 2 LIFE SAFETY PLAN

A310/G121
3/16" = 1'-0"

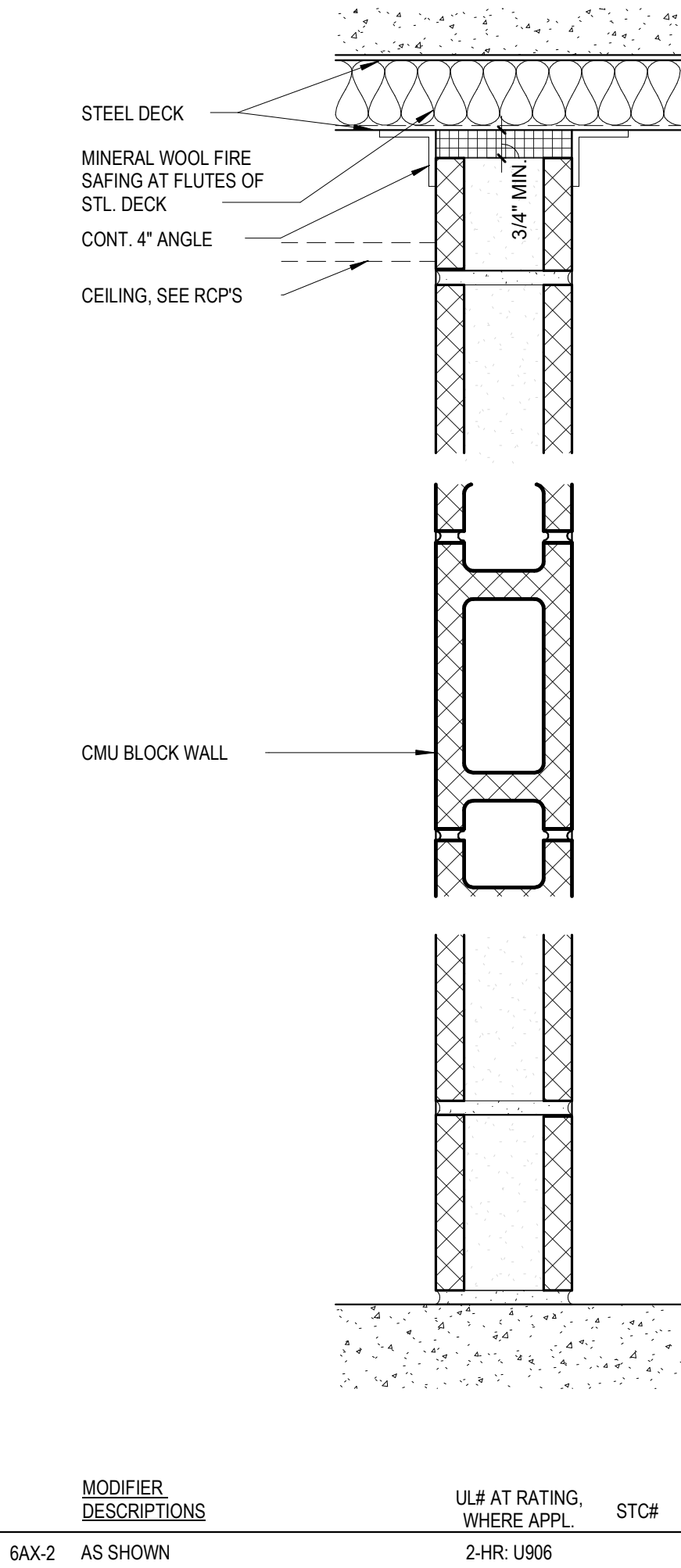
TYPE 7: DOUBLE-STUD ACOUSTIC WALL TO MATCH EXISTING ADJACENT



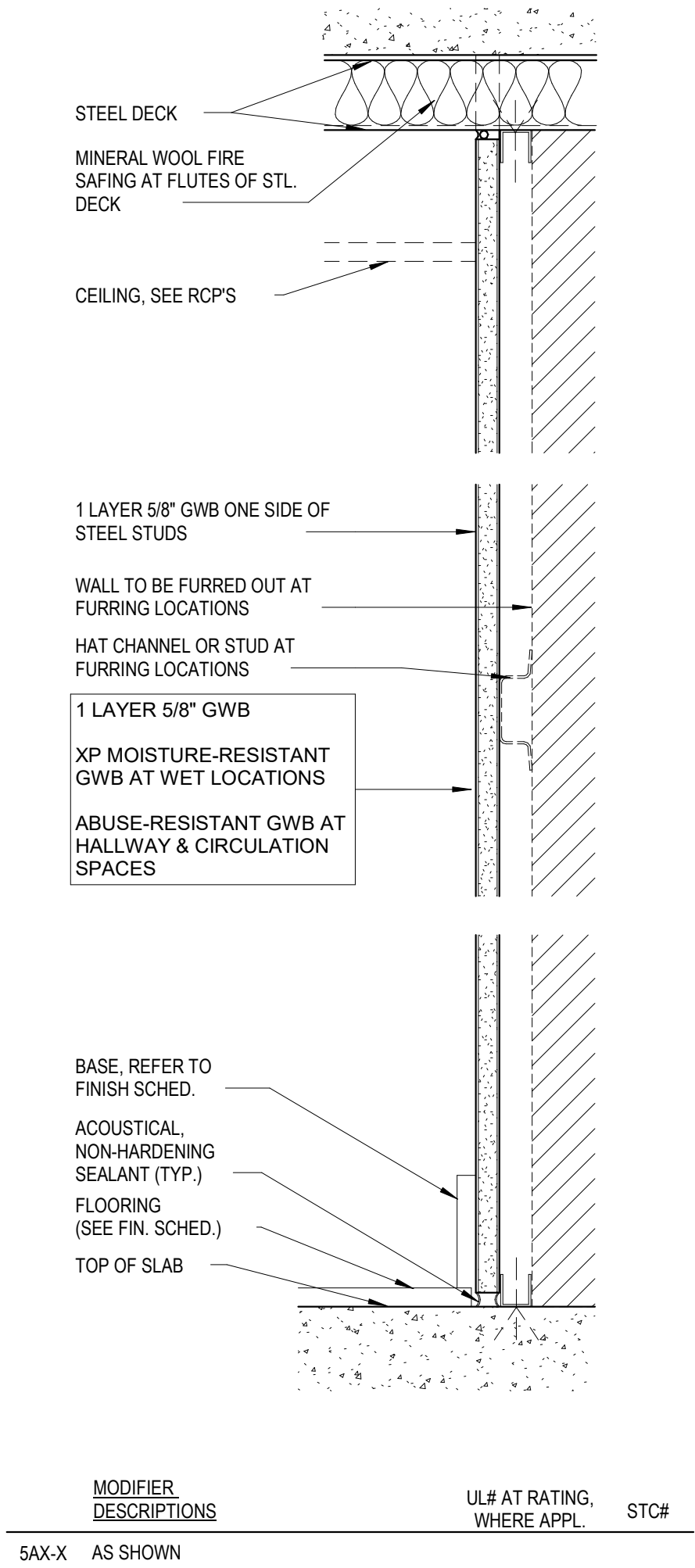
TYPE T: TEMPORARY ACOUSTIC PARTITION



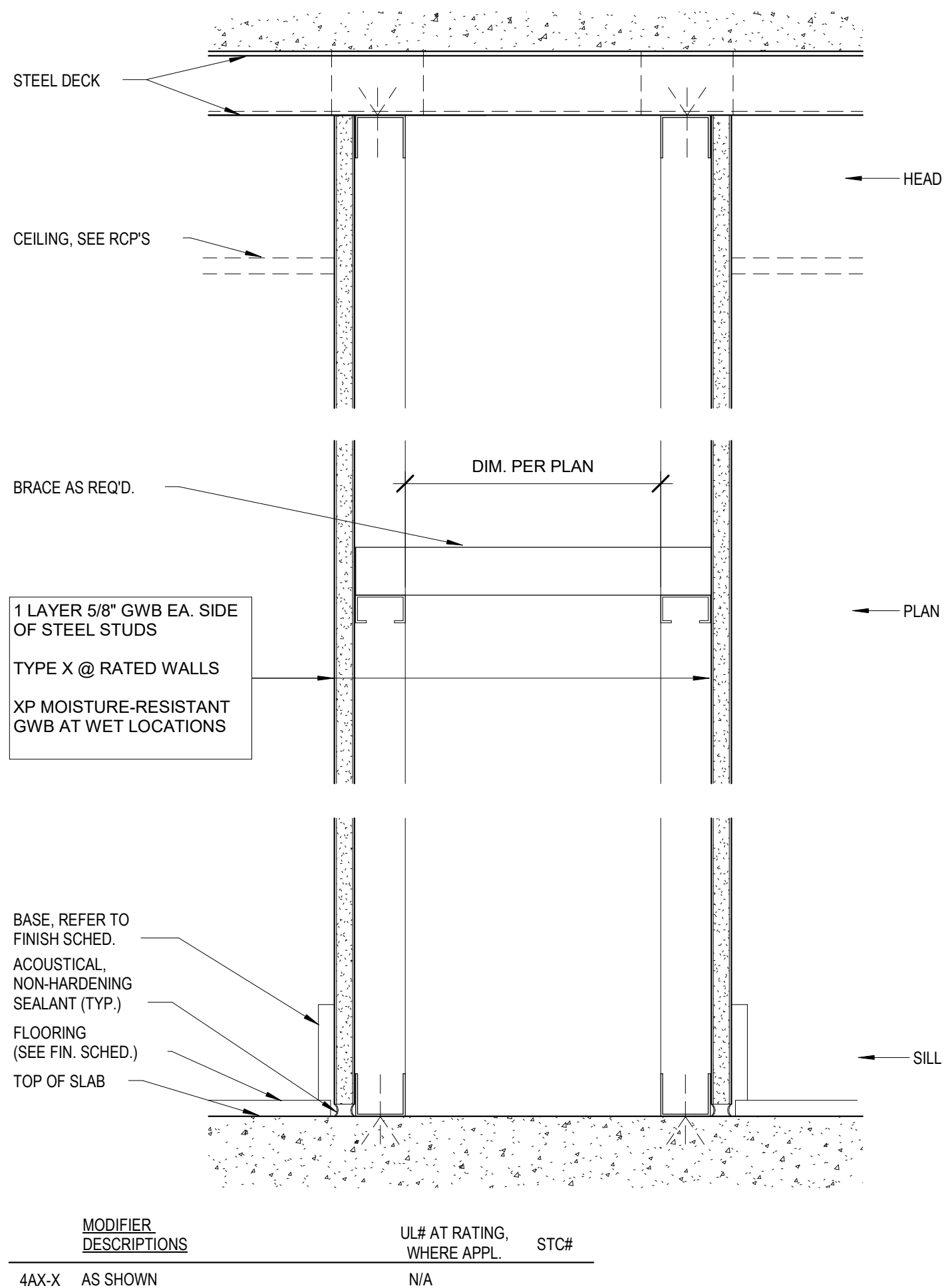
TYPE 6: CMU PARTITION



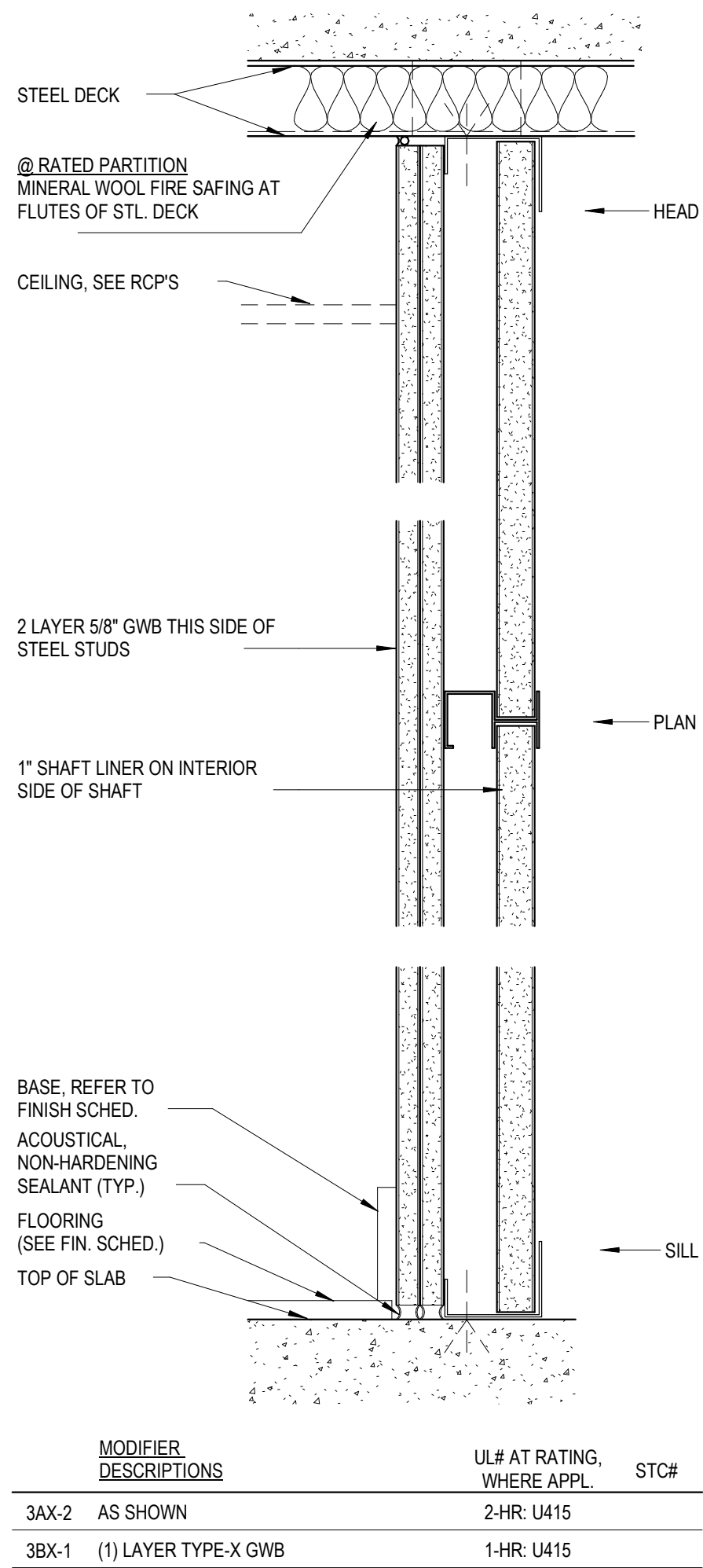
TYPE 5: ONE-SIDED PARTITION / FURRING



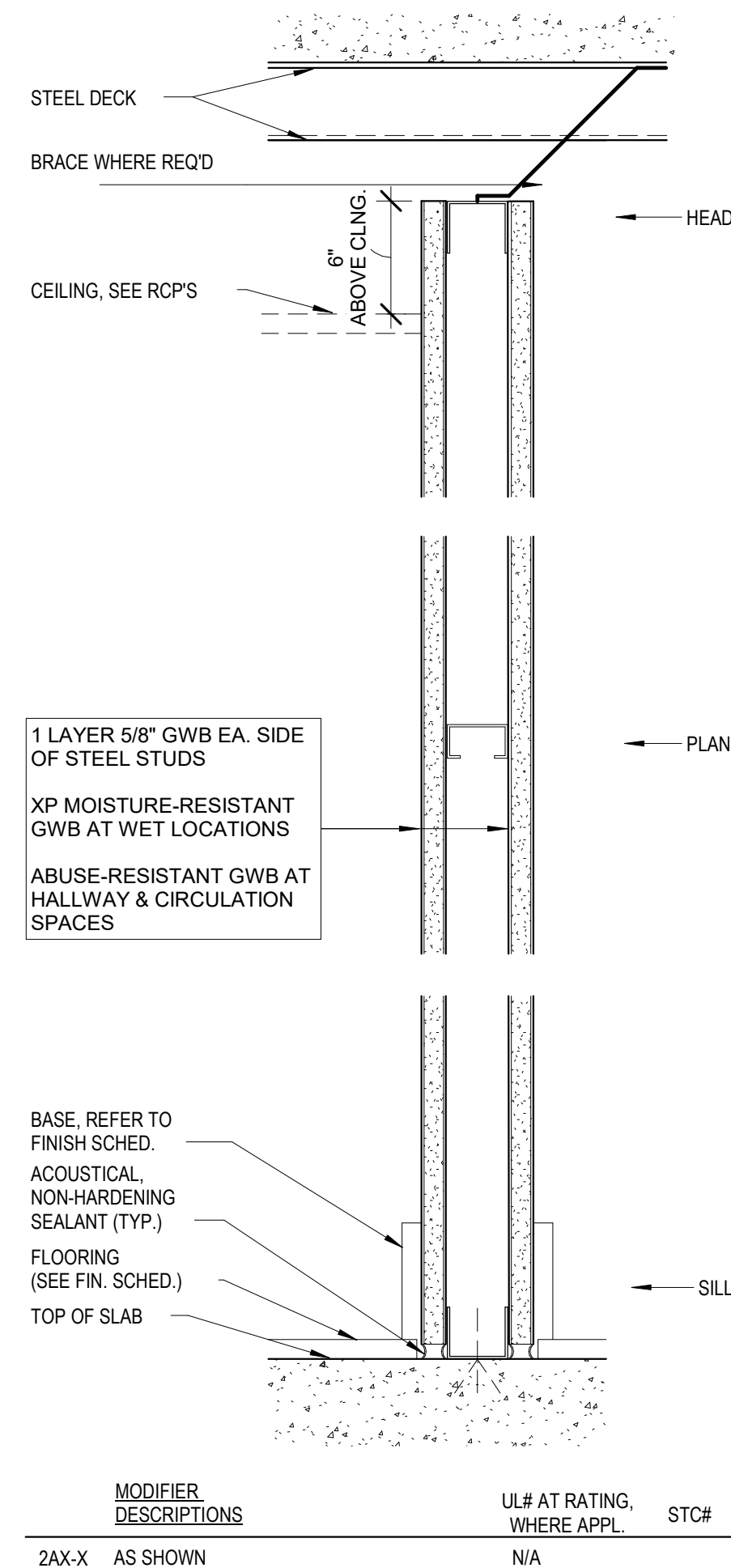
TYPE 4: STEEL STUD PLUMBING CHASE



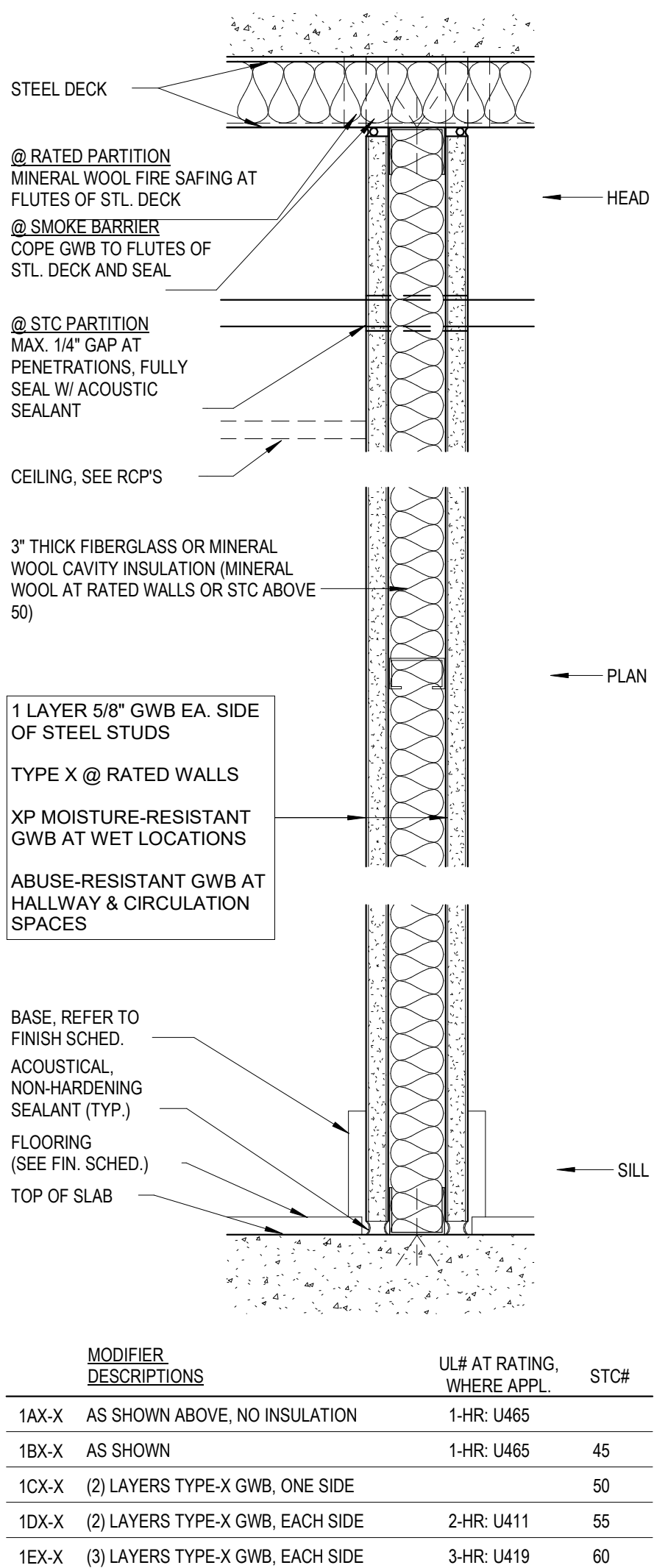
TYPE 3: STEEL STUD SHAFT WALL



TYPE 2: STEEL STUD PARTITION



TYPE 1: STEEL STUD PARTITION TO DECK



GENERAL NOTES

SHEET NOTES

LEGEND

- BASIC SIZE:**
- 0: 7/8" x 20 GA. FURRING HAT CHANNEL
 - 1: 1 5/8" x 20 GA. STUD
 - 2: 2 1/2" x 20 GA. STUD
 - 3: 3 5/8" x 20 GA. STUD
 - 4: 4" CONCRETE, MASONRY OR 20 GA. STUD
 - 5: 4" C-H X 1 1/2" DEEP 20 GA. STUD
 - 6: 6" CONCRETE, MASONRY OR 20 GA. STUD
 - 8: 8" CONCRETE, MASONRY OR 20 GA. STUD
- FIRE RATING:**
- SB: SMOKE BARRIER
 - 1: 1-HR FIRE BARRIER
 - 2: 2-HR FIRE BARRIER

DRAWING ISSUE

DATE	ISSUED FOR
07/21/2023	50% DESIGN DEVELOPMENT

REVISIONS

NO.	DESCRIPTION	DATE

NOT FOR CONSTRUCTION

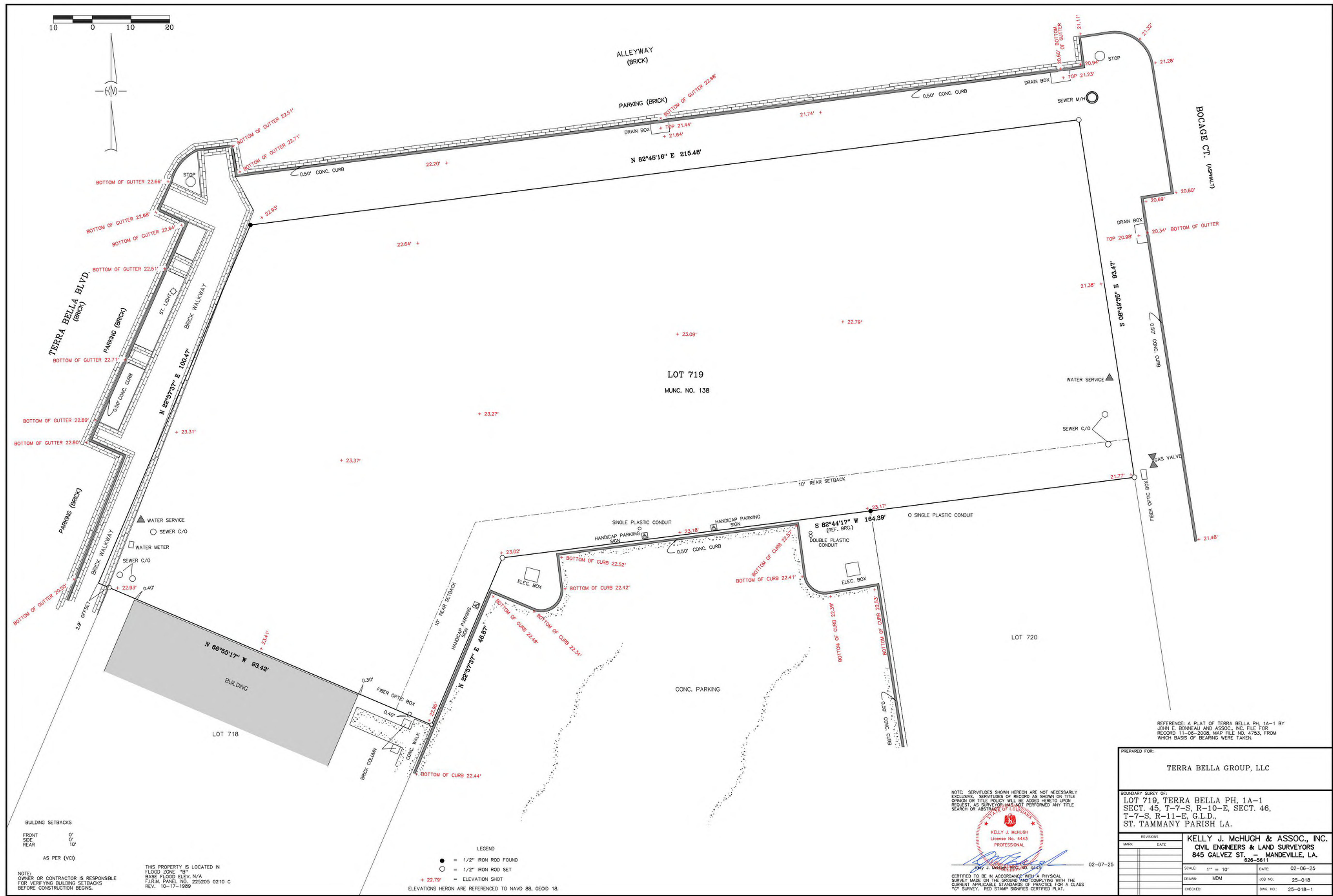
WDG Project No: 2024003

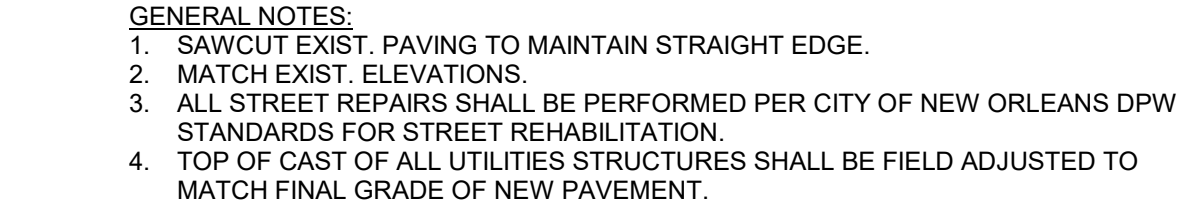
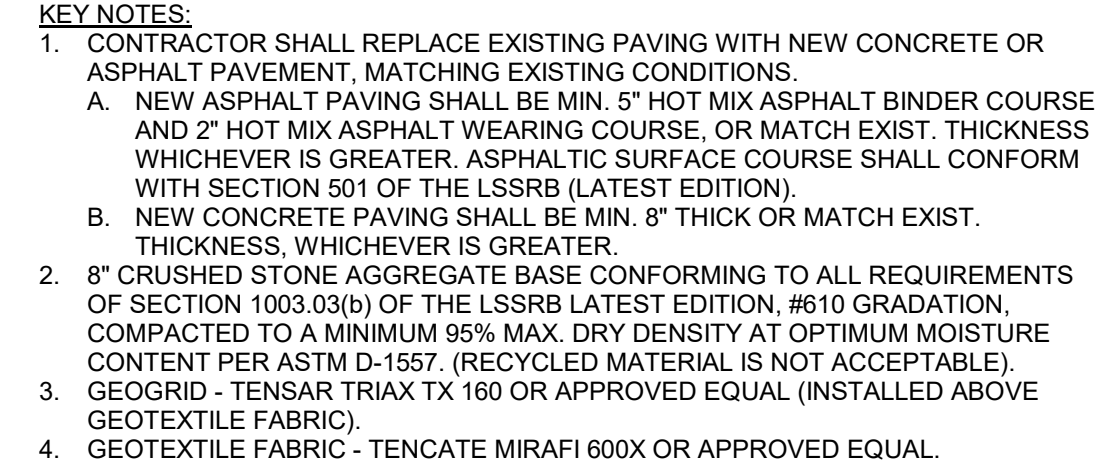
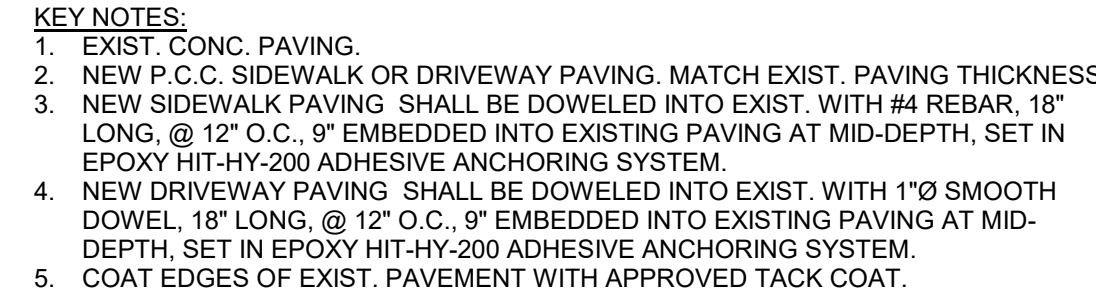
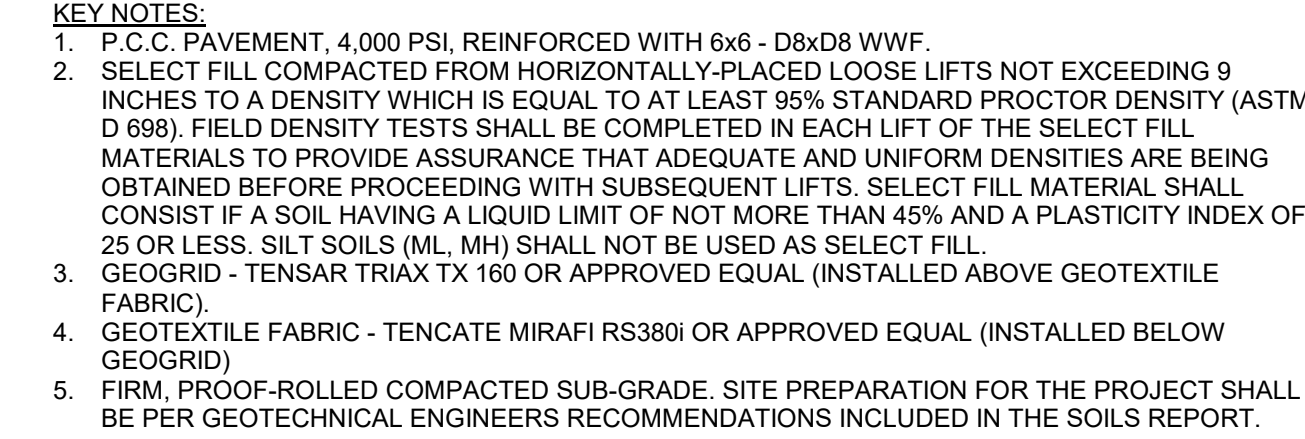
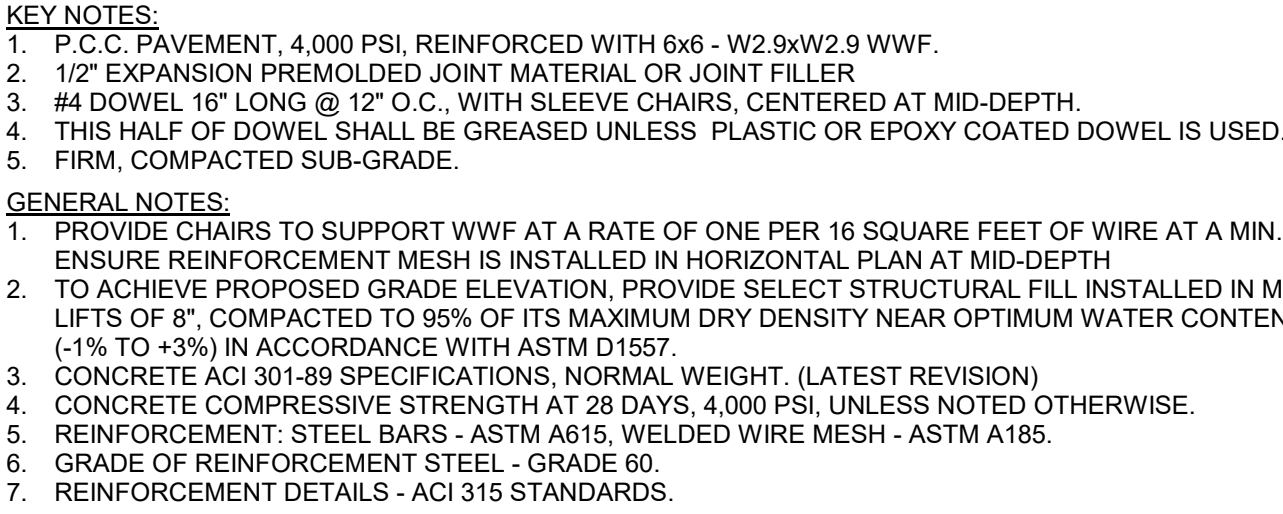
SHEET NAME
PARTITION TYPES & SCHEDULE

SHEET NO.

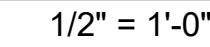
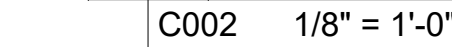
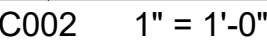
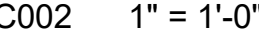
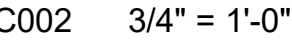
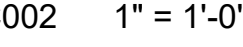
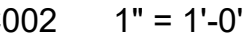
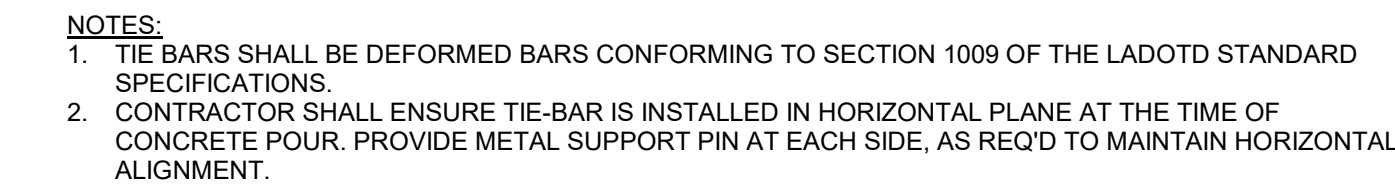
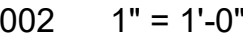
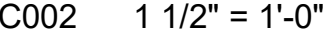
G300

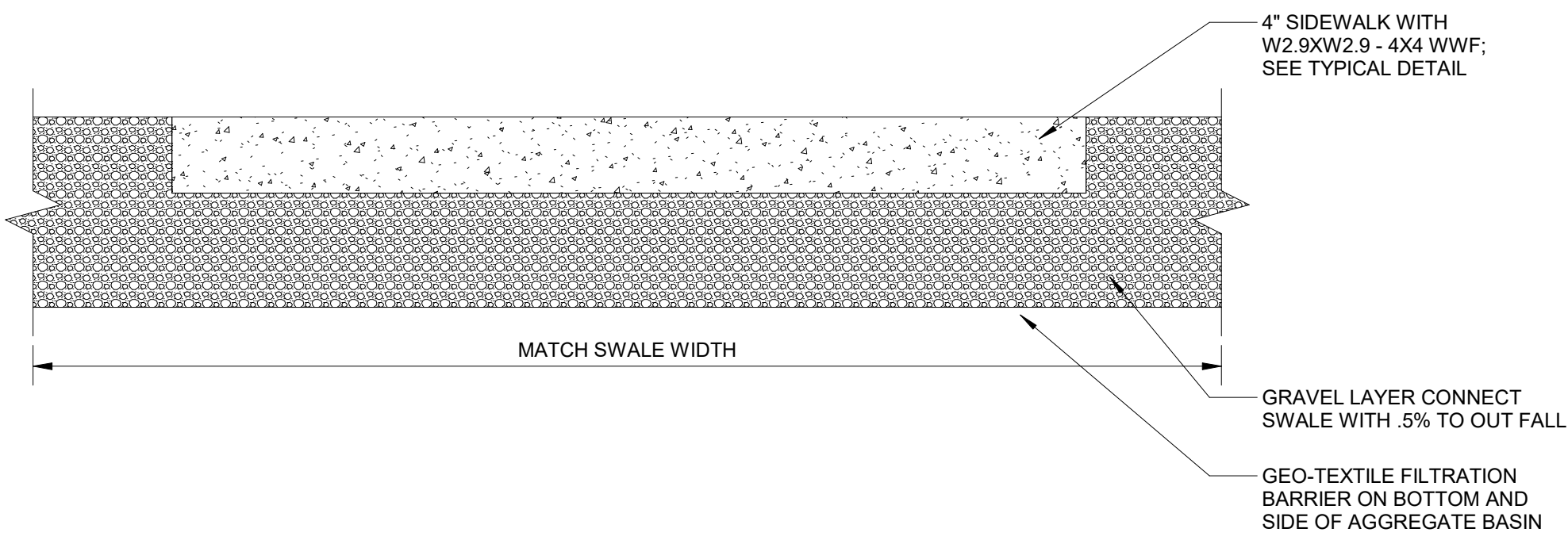
HAGAN & BANKS
TERRA BELLA BUILDING - J
138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT



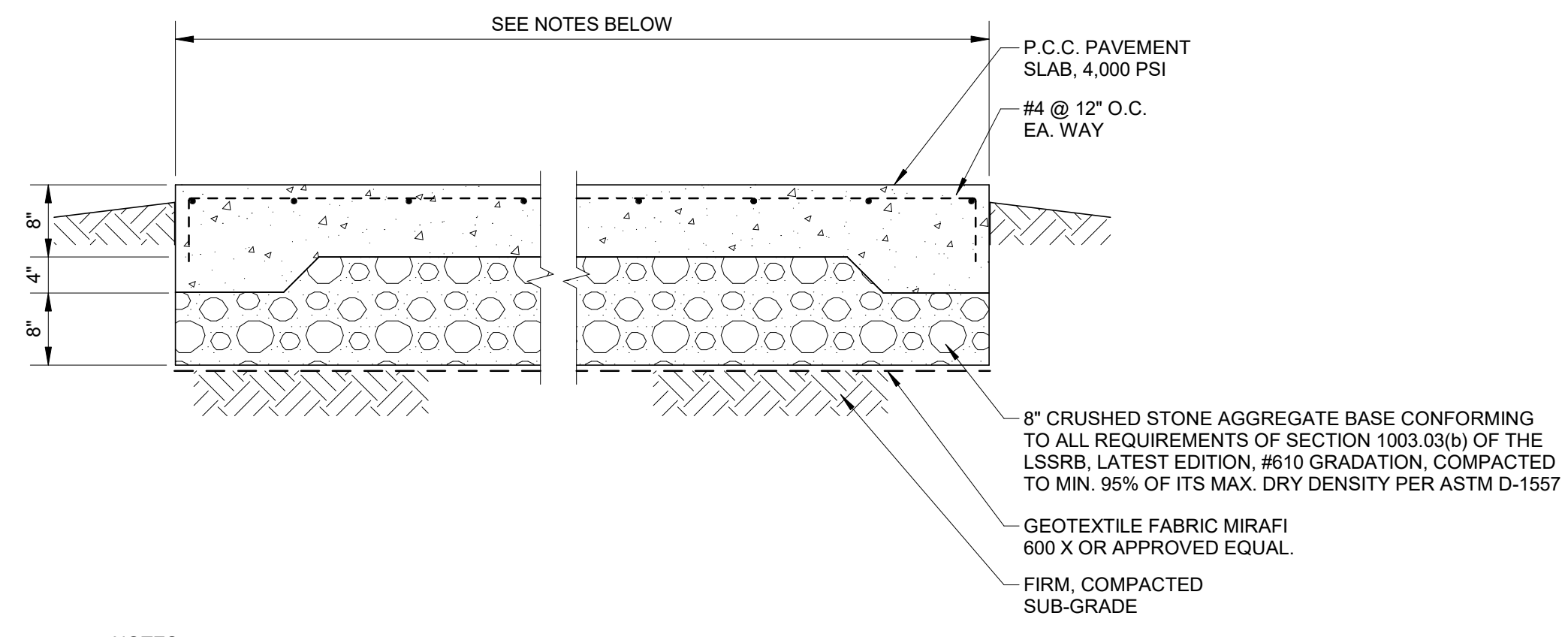
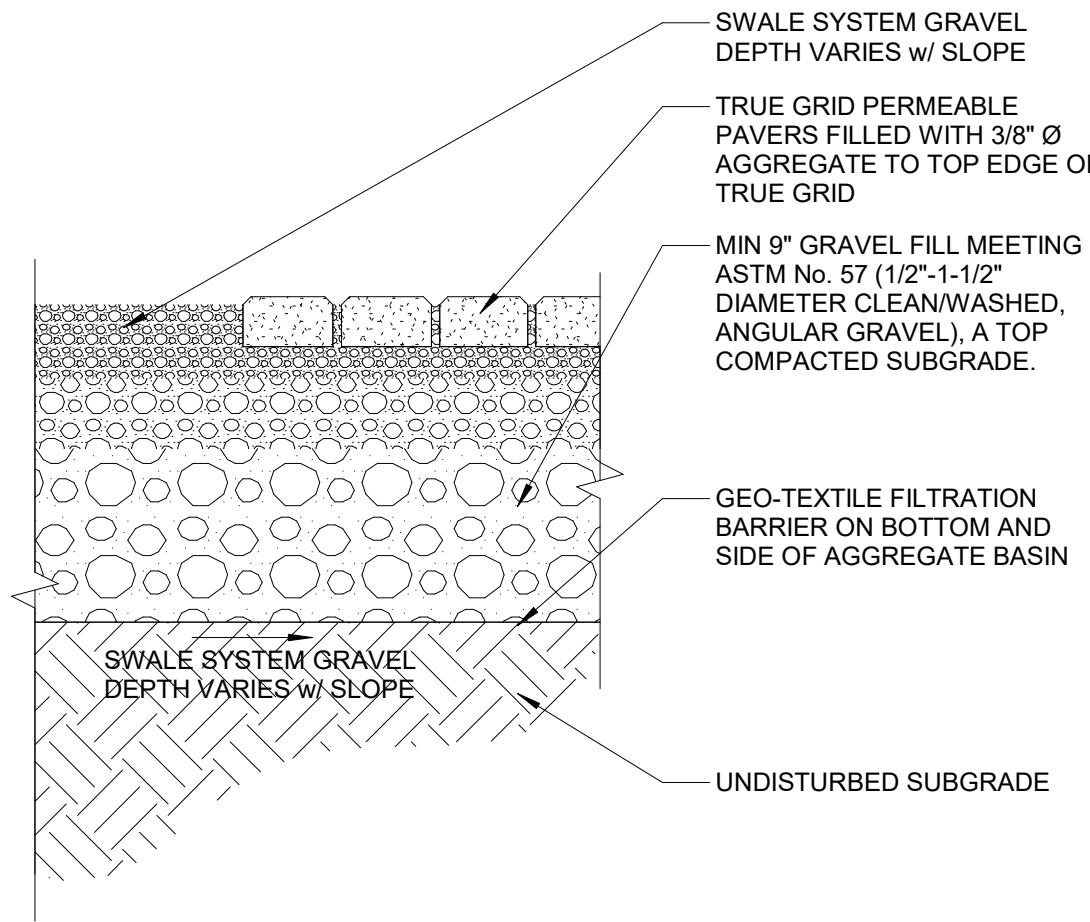
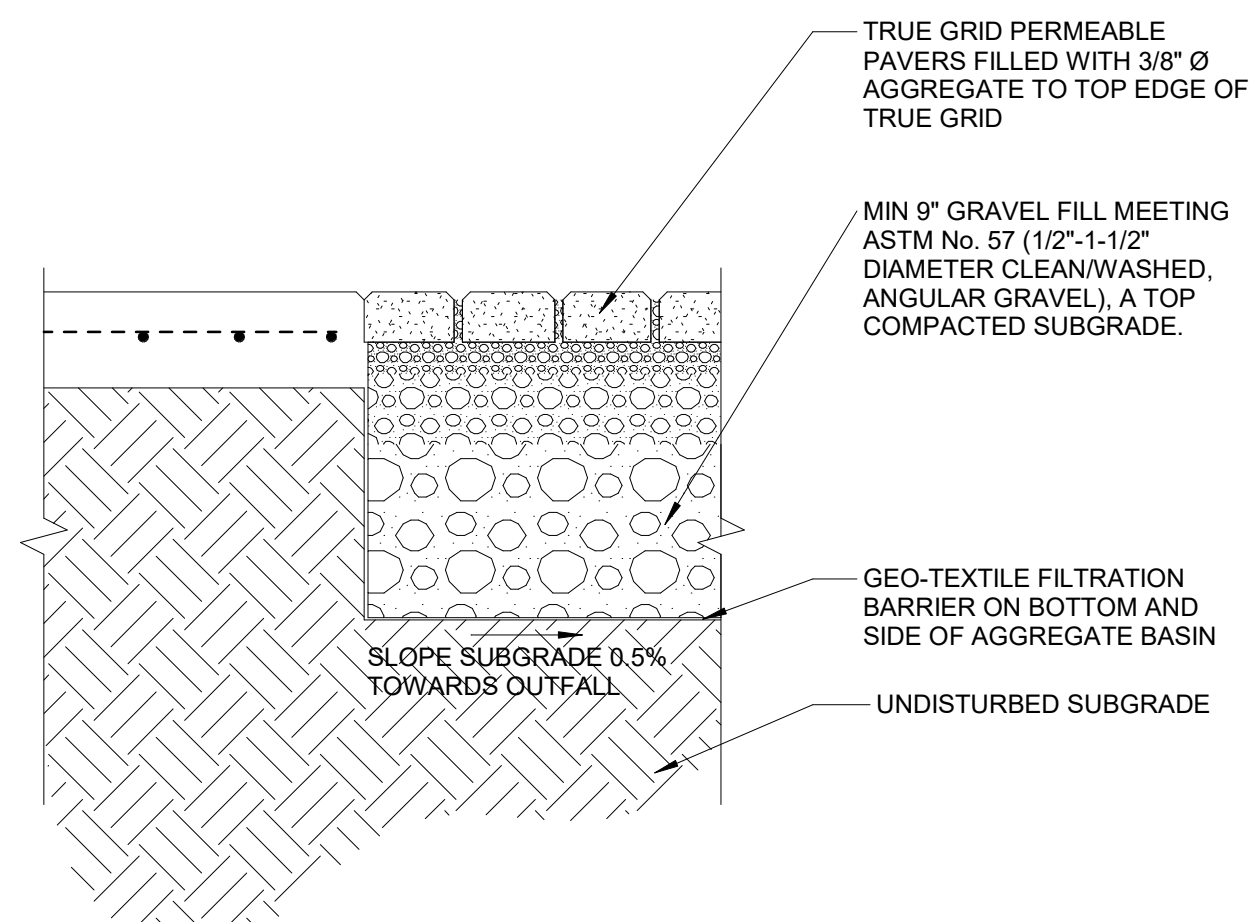


C002 1 1/2" = 1'-0"

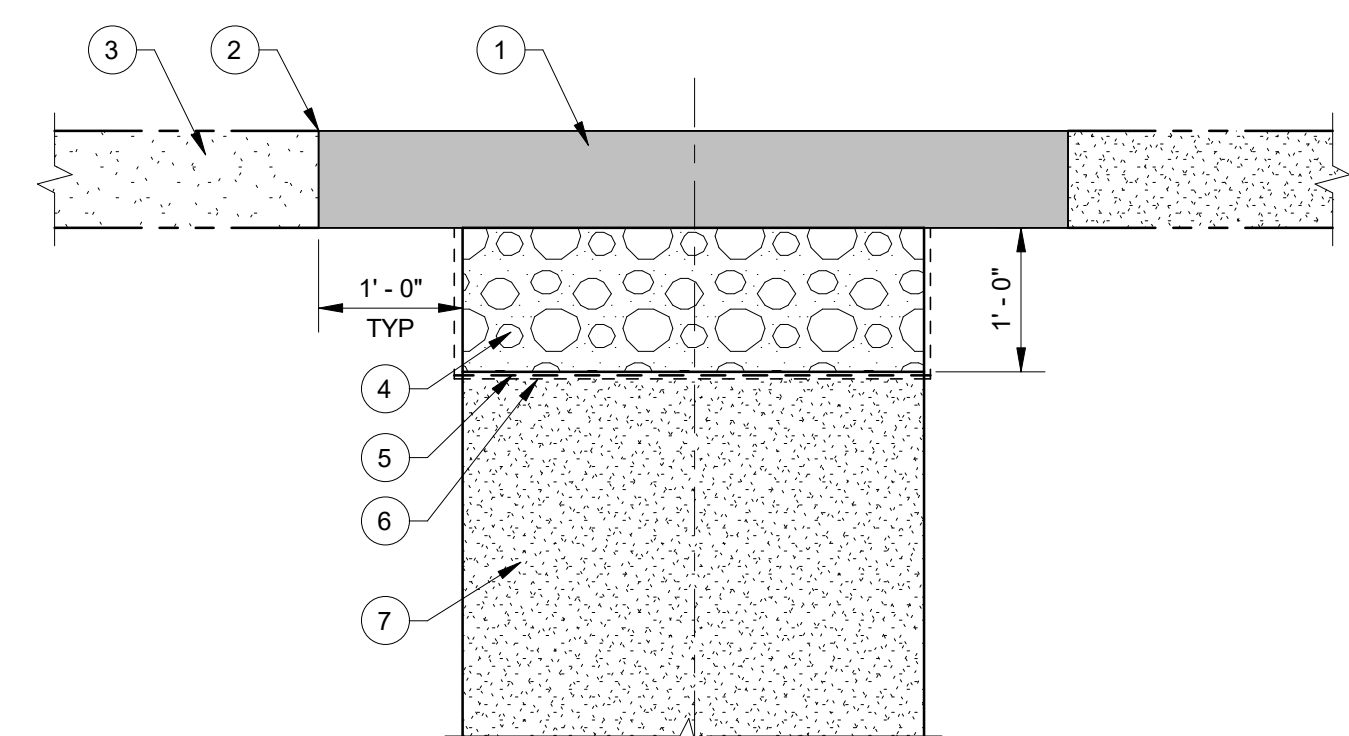
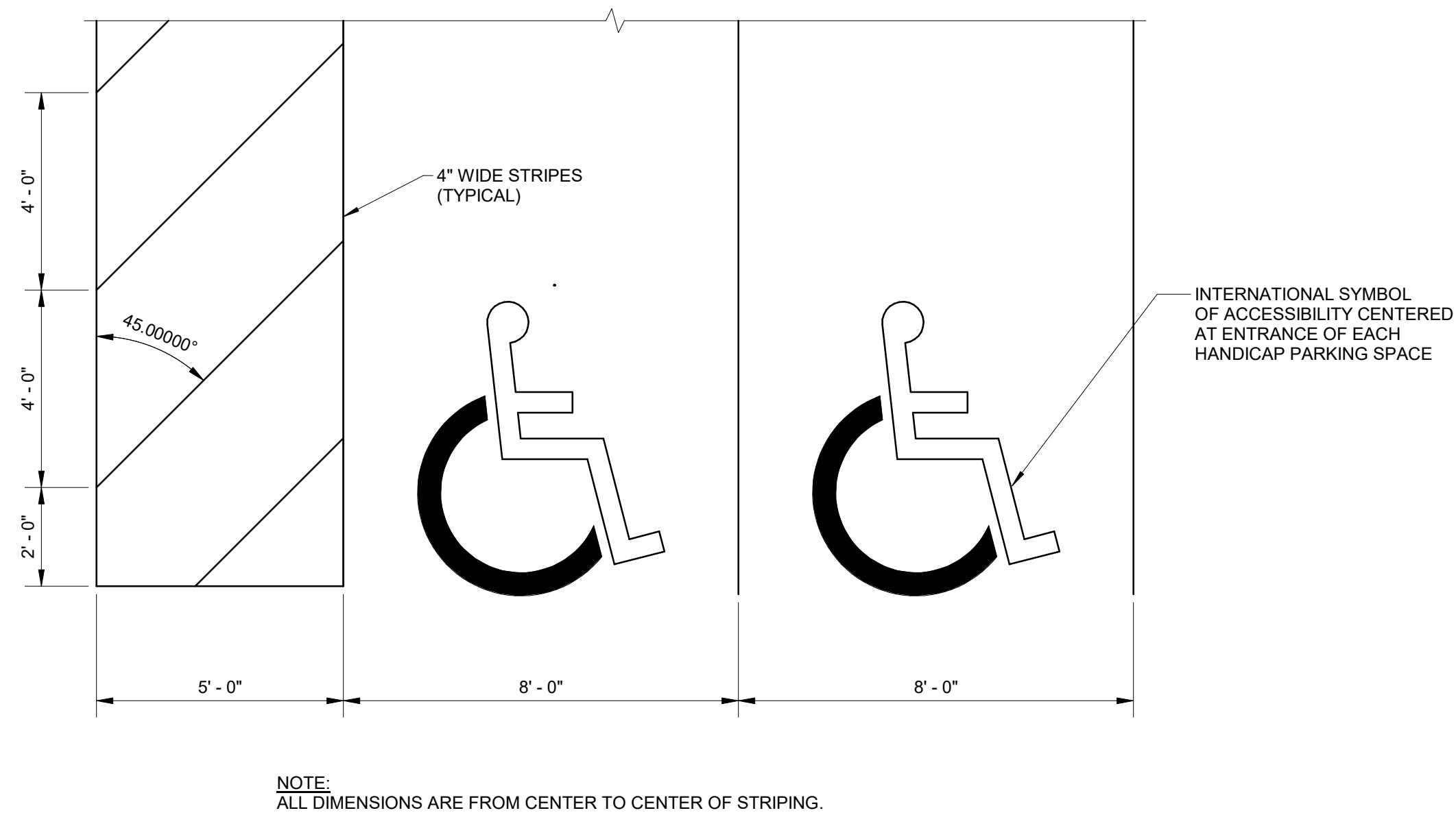
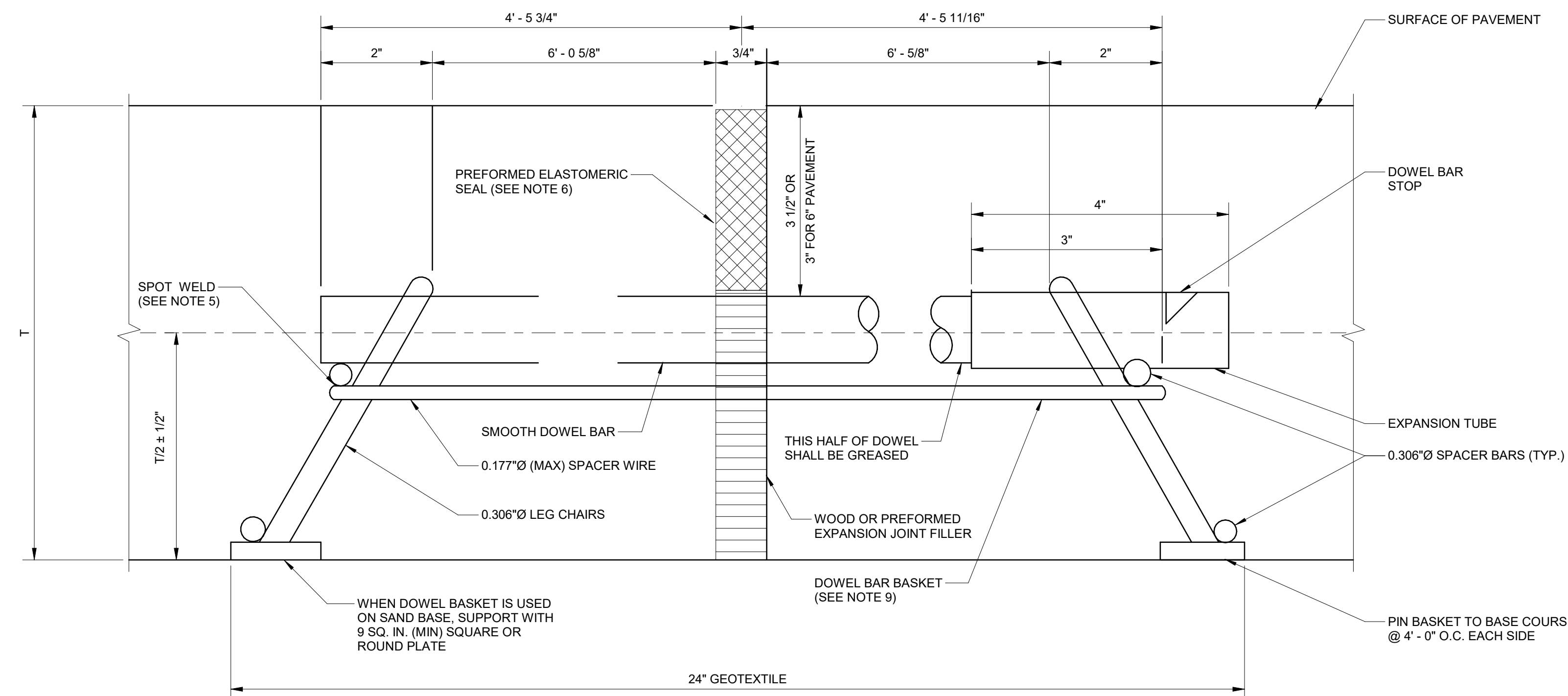




6	SWALE CONNECTION UNDER PAVEMENT
C003	1 1/2" = 1'-0"



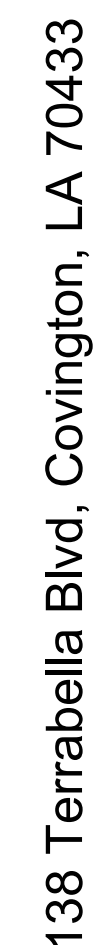
5 PAVING TO PAVER DETAIL
C003 1" = 1'-0"



TYPICAL HC STRIPPING	
10	C003 3/8" = 1'-0"

[illegible]

NOT FOR CONSTRUCTION

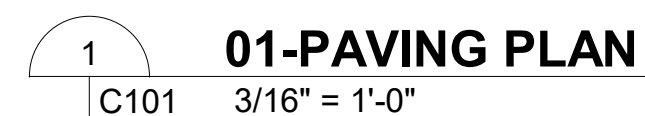
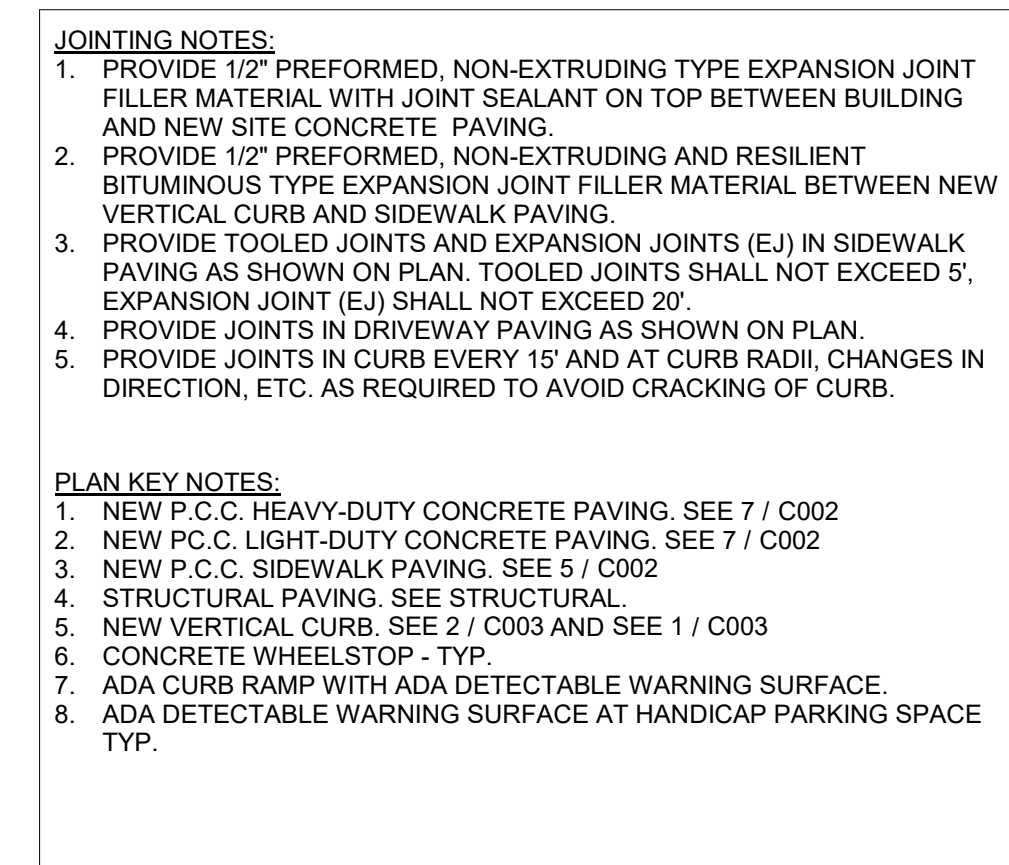


SCHEMATIC DESIGN

NOT FOR CONSTRUCTION

SHEET NO.

C101



1

S001

1" = 1'-0"

GENERAL NOTES

- 01. GENERAL NOTES**
- A. COMPLIANCE
1. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES AS REQUIRED BY THE SPECIFICATIONS.
- B. MEANS AND METHODS
1. THE CONSTRUCTION AND/OR PERMIT DOCUMENTS PROVIDE A GENERAL OVERVIEW OF THE WORK, WITH DETAIL DRAWINGS SUPPORTING THE MEANS AND METHODS. THESE DOCUMENTS DO NOT COVER ALL ASPECTS OF INDUSTRY STANDARDS AND CODE REQUIREMENTS.
2. THE CONTRACT DRAWINGS DO NOT SPECIFY ALL MEANS, METHODS, AND COMPONENTS REQUIRED TO COMPLETE THE WORK. VARIOUS INSTALLATION AND ASSEMBLY REQUIREMENTS MAY BE ESTABLISHED BY PERFORMANCE, CODE, OR BOTH.
3. ITEMS, ASSEMBLIES, COMPONENTS, MEANS, AND METHODS NECESSARY TO COMPLETE THE WORK AS REQUIRED BY THE CONSTRUCTION DOCUMENTS (DRAWINGS, SPECIFICATIONS, AND CONSTRUCTION CONTRACT) ARE INCLUDED IN THE CONTRACT SCOPE.
- C. DIMENSIONS
1. VERIFY ALL DIMENSIONS ON-SITE AND AGAINST ARCHITECTURAL DRAWINGS BEFORE FABRICATION OR CONSTRUCTION. REPORT ANY DISCREPANCIES IMMEDIATELY.
2. DRAWINGS ARE TO SCALE BUT SHOULD NOT BE USED FOR SCALING. CONFIRM EXISTING BUILDING LOCATIONS AND TIE-IN POINTS BEFORE CONSTRUCTION.
- D. DISCREPANCIES
1. REPORT ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS TO THE ARCHITECT AND OWNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
2. IF DISCREPANCIES ARE NOT REPORTED, IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INCLUDED THE MOST EXPENSIVE METHOD TO COMPLETE THE WORK IN THE PRICE.
3. WORK IMPLIED TO BE SIMILAR TO THAT SHOWN IN CORRESPONDING PLACES ON THE DRAWINGS SHALL BE REPEATED.
- E. EXISTING CONDITIONS
1. VERIFY ALL DIMENSIONS FOR EXISTING CONDITIONS IN THE FIELD (V.I.F.).
2. NOTIFY THE OWNER AND ARCHITECT OF ANY DEVIATIONS FROM THE SCOPE OF WORK BEFORE INSTALLATION.
3. REPORT ANY DISCREPANCIES IN DIMENSIONS OR REQUIRED MODIFICATIONS DUE TO FIELD CONDITIONS IN WRITING TO THE OWNER AND ARCHITECT FOR CLARIFICATION, APPROVAL, OR MODIFICATION BEFORE BEGINNING THE WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES MADE IN THE FIELD WITHOUT PRIOR NOTIFICATION TO THE OWNER.
- F. SHORING/BRACING
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BRACE AND/OR SHORE NEW/EXISTING CONSTRUCTION AS REQUIRED. IF NECESSARY, THE CONTRACTOR SHALL HIRE A LICENSED ENGINEER TO ADVISE ON PROPER BRACING AND SHORING OF ANY STRUCTURES.

- 02. FOUNDATIONS**
- A. FOUNDATION NOTES
1. LOCATE ALL UTILITY LINES ABOVE AND BELOW GRADE. CONTACT THE APPROPRIATE PARTIES AND AGENCIES FOR PROPER AUTHORIZATION AND FAMILIARIZE YOURSELF WITH SUBSURFACE CONDITIONS BEFORE EXCAVATION.
2. POUR DOWN THE BOTTOM OF WALLS AND PIERS TO THE TOP OF PILE CAPS, FOOTINGS, AND GRADE BEAMS TO ENSURE FULL CONTACT UNLESS OTHERWISE INDICATED.
3. CENTERLINE OF FOOTINGS/PILE CAPS SHALL ALIGN WITH THE CENTERLINE OF WALLS, PIERS, AND COLUMNS UNLESS OTHERWISE SPECIFIED.
4. DO NOT BACKFILL AGAINST FOUNDATION AND RETAINING WALLS UNTIL THE CONCRETE HAS ATTAINED AT LEAST 75% OF ITS DESIGN STRENGTH. PROVIDE BRACING FOR WALLS SUSTAINING MORE THAN 3 FEET OF EARTH PRESSURE. UNTIL ALL SLABS AND BEAMS FRAMING INTO THE WALL ARE PLACED AND SET.
5. BULLDOZERS OR HEAVY EQUIPMENT ARE NOT PERMITTED CLOSER THAN 5 FEET FROM ANY FOUNDATION WALL. IF EQUIPMENT IS REQUIRED CLOSER THAN 5 FEET, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORTS OR BRACING AT THEIR OWN EXPENSE.
6. PROTECT ALL EXCAVATION SLOPES ADEQUATELY. PROVIDE SHEETING AND SHORING WITH ALL REQUIRED TIEBACKS AND BRACING WHERE NECESSARY.
7. SHEETING AND SHORING METHODS MUST BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF LOUISIANA.
8. CONTROLLED FILL MATERIAL MUST MEET THE FOLLOWING CRITERIA:
- a. SELECT EXCAVATED GRAVEL OR STONE MATERIALS FREE OF ORGANIC MATERIAL, LOAM, TRASH, SNOW, ICE, FROZEN SOIL, AND OTHER OBJECTIONABLE MATERIAL, CONFORMING TO THE FOLLOWING GRADATION REQUIREMENTS:
 - SIEVE SIZE TO PASSING (BY WEIGHT)
 - 3/12" - 100%
 - 3/4" - 50-100%
 - #1-25-75%
 - THE FRACTION PASSING THE NO. 200 SIEVE SHALL BE LESS THAN 15% OF THE FRACTION PASSING THE NO. 4 SIEVE.
9. ON-SITE EXCAVATED MATERIAL MAY BE SUITABLE FOR USE AS GRANULAR FILL IF IT CONFORMS TO SPECIFICATIONS AND IS APPROVED BY THE GEOTECHNICAL ENGINEER. REFER TO THE GEOTECHNICAL REPORT FOR MORE INFORMATION.
10. STRUCTURAL FILL MATERIAL SHOULD BE PLACED IN UNIFORM 12" THICK LOOSE LIFTS AND COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT, PER ASTM D1557-12. IN RESTRICTED AREAS WHERE ONLY HAND-OPERATED EQUIPMENT IS PERMITTED, THE MAXIMUM LOOSE LIFT SHALL BE 6".
11. SOIL COMPACTATION MUST BE CONTROLLED BY A QUALIFIED TESTING LABORATORY OR GEOTECHNICAL ENGINEER, PERFORM A MINIMUM OF ONE FIELD DENSITY TEST FOR EACH LAYER, WITH TEST LOCATIONS DETERMINED BY THE TESTING AGENCY.
- B. FORMWORK AND SHORING NOTES
1. SHORES MUST BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF LOUISIANA. DRAWINGS ILLUSTRATING THE SHORING SYSTEM AND SEQUENCING MUST BE SIGNED AND SEALED BY SAID ENGINEER.
2. DESIGN AND ERECT FORMS AND SHORES PER ACI-347. DESIGN HORIZONTAL CONCRETE MEMBER FORMS AND SHORES FOR NOT LESS THAN DEAD LOAD PLUS 50 PSF CONSTRUCTION LOAD AND CUMULATIVE LOADS OF SUPPORTING FLOOR SLABS. SHORES MUST HAVE A MINIMUM SAFETY FACTOR OF 3.
3. PROVIDE TEMPORARY BRACING AS NEEDED TO ENSURE STRUCTURAL STABILITY DURING CONSTRUCTION.
4. THE PROFESSIONAL ENGINEER WHO PREPARES THE SHORING DRAWINGS MUST INSPECT FORMING, SHORING, AND RE-SHORING AND SUBMIT A STATEMENT TO THE ENGINEER CONFIRMING COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- C. VAPOR BARRIER
1. FOR INTERIOR SLABS AND BEAMS, UNLESS OTHERWISE SPECIFIED, PLACE A 15 MIL OPAQUE POLYETHYLENE VAPOR BARRIER CONFORMING TO ASTM E1745 ON TOP OF THE FILL. DO NOT USE ON TOP OF PILES.
2. SEAL HOLES AND JOINTS IN THE VAPOR BARRIER USING THE MANUFACTURER'S RECOMMENDED ADHESIVE AND PRESSURE-SENSITIVE TAPE, FOLLOWING INSTRUCTIONS.
3. ENSURE THE VAPOR BARRIER IS NEATLY POSITIONED TO MATCH THE PROFILE OF THE SLAB AND BEAMS' UNDERSIDES, MAKING INTIMATE CONTACT WITH THE FILL.

- 03. REINFORCED CONCRETE NOTES**
- A. GENERAL REQUIREMENTS
1. STRUCTURAL CONCRETE AND PRACTICES MUST CONFORM TO ACI-318, "AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," LATEST EDITION. DETAILS MUST COMPLY WITH ACI-318, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT," UNLESS OTHERWISE NOTED ON THE DRAWINGS. ADHERE TO ALL ACI REQUIREMENTS, ESPECIALLY FOR HOT AND COLD WEATHER CONCRETING.
- B. CONCRETE STRENGTH
1. SEE 2 / S001 FOR MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS.
- C. REINFORCING BARS
1. REINFORCING BARS MUST CONFORM TO ASTM A615, GRADE 60 UNLESS OTHERWISE NOTED. BARS TO BE WELDED MUST CONFORM TO ASTM A706, GRADE 60.
2. WELDED WIRE FABRIC MUST CONFORM TO ASTM A185. SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS DURING CONCRETE PLACEMENT TO ENSURE PROPER POSITIONING IN THE SLAB.
3. SECURELY HOLD ALL REINFORCEMENT IN PLACE DURING CONCRETE PLACEMENT. PROVIDE ADDITIONAL BARS OR STIRRUPS AS NEEDED FOR SUPPORT.
- D. SPLICING AND EMBEDDING
1. LAP REINFORCING BARS AS DETAILED ON THE DRAWINGS. SPLICING AND EMBEDDING MUST FOLLOW ACI 318 WHERE NOT SPECIFIED ON THE DRAWINGS. USE TENSION SPICE LENGTHS IN THE LAP SPICE SCHEDULE FOR ALL REINFORCING BARS NOT SPECIFICALLY INDICATED.
- a. LAP GRADE BEAM AND WALL TOP HORIZONTAL REINFORCEMENT AT THE CENTER OF THE SPAN.
 - b. LAP GRADE BEAM AND WALL BOTTOM HORIZONTAL REINFORCEMENT AT SUPPORT.
 - c. LAP OUTSIDE FACE VERTICAL WALL REINFORCEMENT AT WALL SUPPORT.
 - d. TERMINATE BARS AT DISCONTINUOUS ENDS WITH STANDARD HOOKS UNLESS OTHERWISE NOTED.
 - e. USE STANDARD HOOKS FOR ALL HOOKED BARS NOT DIMENSIONED.
- E. CONCRETE COVER
- a. SEE 3 / S001 FOR MINIMUM CONCRETE COVER REQUIREMENTS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- F. CONSTRUCTION JOINTS
1. PROVIDE CONSTRUCTION JOINTS PER ACI-318, CHAPTER 26.5.6.2. SUBMIT SHOP DRAWINGS SHOWING CONSTRUCTION JOINT DETAILS, LOCATIONS, AND FOUR SEQUENCE FOR REVIEW BY THE STRUCTURAL ENGINEER BEFORE STARTING WORK.
2. ROUGHEN ALL ADJOINING SURFACES NOT CAST MONOLITHICALLY TO A MINIMUM AMPLITUDE FOR THE ENTIRE INTERSECTING SURFACE PER ACI RECOMMENDATIONS. APPLY A BONDING AGENT AS REQUIRED.
3. LOCATE WALL AND GRADE BEAM CONSTRUCTION JOINTS TO PROVIDE A MAXIMUM OF 60 FEET OF CONCRETE PLACEMENT LENGTH.
4. VERTICAL CONSTRUCTION JOINTS IN GRADE BEAMS AND WALLS REQUIRE PRIOR APPROVAL FROM THE ENGINEER AND MUST BE LOCATED AS FOLLOWS:
- FOUNDATION WALLS: MINIMUM 8'-0" FROM ANY COLUMN LINE OR WALL OPENING.
 - GRADE BEAMS: AT THIRD POINTS BETWEEN SUPPORTS.
 - HORIZONTAL CONSTRUCTION JOINTS ARE ALLOWED IN BEAMS, WALLS, AND SLABS UNLESS SHOWN ON THE DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER BEFORE CONSTRUCTION.
- G. CONCRETE TESTING
1. NO CONCRETE TEST WILL BE ACCEPTED IF THE CONCRETE IS TAMPERED WITH AFTER THE TEST. REPEAT THE TEST IF WATER IS DETECTED DURING OR AFTER THE TEST.
- H. REINFORCING STEEL
1. PROVIDE THE REINFORCING STEEL ERECTOR WITH A SET OF REINFORCING STEEL DRAWINGS FOR FIELD USE.
- I. FIELD VERIFICATION
1. VERIFY DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, CURBS, AND DEPRESSIONS FOR FLOOR FINISHES WITH THE ARCHITECTURAL DRAWINGS.
- J. CONTRACTOR COORDINATION
1. COORDINATE THE LOCATION OF FLOOR DRAINS, CURBS, CONCRETE AND OTHER ITEMS TO BE EMBEDDED IN THE BID TO ENSURE SLABS AND MECHANICAL DRAWINGS.
2. COORDINATE THE LOCATION OF INSERTS, WELDED PLATES, AND OTHER ITEMS TO BE EMBEDDED IN CONCRETE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- K. EMBEDDED CONDUITS AND PIPES
1. CONDUITS AND PIPES EMBEDDED IN CONCRETE SLABS AND BEAMS MUST ADHERE TO THE FOLLOWING:
- a. SHOULD NOT EXCEED 33% OF THE OVERALL BEAM OR SLAB THICKNESS. IN SLABS, THE MAXIMUM CONDUIT/PIPE THICKNESS IS 1-1/2 INCHES.
 - b. MAINTAIN A MINIMUM SPACING OF THREE DIAMETERS OR WIDTHS BETWEEN CONDUITS OR PIPES.
 - c. POSITION LARGER CONDUITS BELOW THE SLAB OR BEAM, NOT WITHIN THEM.
 - d. AVOID USING ALUMINUM CONDUITS IN CONCRETE.
 - e. KEEP CONDUITS AT LEAST 12 INCHES AWAY FROM ANY COLUMN FACE IN THE SLAB.
 - f. SUBMIT A DIAGRAM DEPICTING CONDUIT ROUTES TO ALL PANELS FOR APPROVAL.
- L. ANCHOR RODS
- a. USE RIGID STEEL TEMPLATES (SUPPLIED BY THE STEEL FABRICATOR) TO INSTALL ANCHOR RODS.
- M. ENCASED STEEL MEMBERS
- a. WRAP ALL STEEL MEMBERS TO BE ENCASED IN CONCRETE WITH A MINIMUM W.W.F. #6 - W2-9XW2.9 REINFORCING UNLESS OTHERWISE NOTED.
- N. FLAT AND LEVEL SLABS
- a. ALL SLABS MUST BE FLAT AND LEVEL PER THE CONCRETE SPECIFICATIONS. INCLUDE ANY EXCESS CONCRETE REQUIRED DUE TO SUPPORT MEMBER DEFLECTION IN THE BID TO ENSURE SLABS ARE POURED FLAT AND LEVEL. CONTROL THE CONCRETE PLACING PROCEDURE TO MINIMIZE SUPPORT MEMBER DEFLECTION.
- O. ADDITIONAL REINFORCEMENT
- a. INCLUDE A 5% (BY WEIGHT) INCREASE IN THE AMOUNT OF REINFORCING STEEL IN THE BID. THIS COST SHOULD COVER FABRICATION, TRANSPORTATION, INSTALLATION, AND ASSOCIATED EXPENSES. UNUSED REINFORCING STEEL WILL BE CREDITED BACK TO THE OWNER VIA A CHANGE ORDER AT THE UNIT PRICE PROVIDED IN THE BID FORM.
- P. XYPEX ADDITIVE
- a. FOR ELEVATOR PITTS AND OTHER CONCRETE IN NEED OF WATERPROOFING, USE XYPEX ADDITIVE AS A CRYSTALLINE WATERPROOFING ADMIXTURE IN COMPLIANCE WITH BUILDING CODES. MIX THOROUGHLY. DOSE PER MANUFACTURER'S RECOMMENDATIONS. OBTAIN PRIOR APPROVAL. APPLY PROPERLY. ENSURE QUALITY CONTROL THROUGH REGULAR TESTS. VERIFY FIELD PLACEMENT. PROTECT FRESH CONCRETE DURING CURING, AND MAINTAIN DOCUMENTATION OF USAGE AND PLACEMENT.

- 04. POST-INSTALLED ANCHORS**
- A. FOR CONCRETE CONSTRUCTION:
- 1. EPOXY ANCHORS (THREADED ROD & REBAR):
 - HILTI HIT-RE 500-V3
 - 2. EXPANSION ANCHORS:
 - HILTI KWIK-HIT
 - 3. SCREW ANCHORS:
 - HILTI KWIK-HUS-EZ
- B. FOR MASONRY CONSTRUCTION:
- 1. EPOXY ANCHORS (THREADED ROD & REBAR):
 - HILTI HIT-HY 270
 - 2. EXPANSION ANCHORS:
 - NOT RECOMMENDED
 - 3. SCREW ANCHORS:
 - HILTI KWIK-HUS-EZ
- C. GENERAL ANCHOR REQUIREMENTS:
- 1. ANCHOR TYPE, SIZE, AND EMBEDMENT SHALL BE INDICATED IN DRAWINGS. POST-INSTALLED ANCHORS FOR REPAIR SHALL BE EVALUATED CASE-BY-CASE. NOTIFY THE STRUCTURAL ENGINEER FOR REPAIRS.
 - 2. INSTALL ANCHORS PER MANUFACTURER OR ICC REPORT REQUIREMENTS. PROVIDE SPECIAL INSPECTION FOR ANCHORS DESIGNED FOR SPECIAL INSPECTION PER MANUFACTURER OR ICC REPORT.
 - 3. AVOID DAMAGING EXISTING REINFORCING BARS WHEN DRILLING ANCHORS IN EXISTING CONCRETE OR MASONRY. DO NOT INSTALL ANCHORS IN PRESTRESSED CONCRETE ELEMENTS.
 - 5. FOR ANCHORS INSTALLED FROM THE BOTTOM INTO METAL DECK WITH CONCRETE, INSTALL IN THE CENTER OF THE LOW FLUTE OF THE DECKING UNLESS NOTED OTHERWISE. ENSURE DECKING IS MINIMUM 20 GAUGE THICK AND CONCRETE ABOVE THE HIGH FLUTE MEETS ICC REPORT REQUIREMENTS.
 - 6. INSTALL ADHESIVE ANCHORS IN CONCRETE WITH A MINIMUM AGE OF 21 DAYS PER ACI 318, APPENDIX D.
 - 7. CERTIFICATION AND INSPECTION ARE REQUIRED FOR HORIZONTAL AND UPWARDLY INCLINED ADHESIVE ANCHORS SUBJECT TO SUSTAINED TENSION LOADING PER ACI 318, APPENDIX D.
 - 8. INSPECTION BY A QUALIFIED AGENCY IS REQUIRED, AND A REPORT MUST BE SUBMITTED TO THE ARCHITECT/STRUCTURAL ENGINEER.
 - 9. AVOID NICKING OR CUTTING EXISTING REINFORCING, CONDUIT, ETC., WHEN INSTALLING ANCHORS.
 - 10. INSTALL ANCHORS AS PER THE MANUFACTURER'S INSTRUCTIONS INCLUDED IN THE PACKAGING.
 - 11. PROVIDE ON-SITE INSTALLATION TRAINING FROM THE ANCHOR MANUFACTURER'S REPRESENTATIVE FOR ALL SPECIFIED ANCHORING PRODUCTS. CONFIRM CONTRACTOR PERSONNEL TRAINING BEFORE INSTALLATION BEGINS.
 - 12. ANCHOR CAPACITY DEPENDS ON SPACING AND EDGE PROXIMITY. FOLLOW CONTRACT DRAWING SPECIFICATIONS.
 - 13. DRILL HOLE HOLES FOR ANCHORS AND CORING HOLES IN EXISTING CONCRETE:
 - a. LOCATE EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC., VIA NON-DESTRUCTIVE TESTING BEFORE DRILLING.
 - b. MARK THE LOCATION AND EXTENT OF ALL EXISTING EMBEDDED ELEMENTS ON THE SLAB SURFACE.
 - c. NOTIFY THE ENGINEER IF NEW HOLE LOCATIONS CONFLICT WITH EXISTING ELEMENTS.
 - d. VERIFY NO CONFLICTS WITH SMALL DRILLED PILOT HOLES BEFORE COMPLETING INSTALLATION.
 - e. USE CARE TO AVOID DAMAGING EXISTING EMBEDDED ELEMENTS DURING INSTALLATION.

- 05. CAST-IN PLACE ANCHORS**
- A. MATERIALS
- a. ANCHOR BOLTS SHALL BE ASTM F1554, GRADE 36 WITH UNC-2A THREADS UNLESS NOTED OTHERWISE.
 - b. NUTS SHALL BE HEAVY HEX CONFORMING TO ASTM A563, GRADE A WITH UNC-2B THREADS.
 - c. WASHERS SHALL CONFORM TO ASTM F436.
- B. ANCHOR BOLT ASSEMBLY
- a. VERIFY THE FIT OF NUTS ON THE THREADS OF ANCHOR BOLTS BEFORE SHIPMENT.
 - b. THREAD LENGTH SHALL MATCH THE PROJECTION LENGTH UNLESS NOTED OTHERWISE.
 - c. ANCHOR BOLTS SHALL CONSIST OF A BOLT WITH A TACK-WELDED NUT AT THE BOTTOM AND NUTS AND WASHERS AT THE TOP.
 - d. ANCHOR BOLTS SHALL BE CLEAN AND FREE OF OILS OR OTHER FOREIGN MATERIALS BEFORE PLACEMENT.
 - f. UNLESS OTHERWISE SPECIFIED, TIGHTEN ANCHOR BOLTS TO A SNUG-TIGHT CONDITION, DEFINED AS TIGHTNESS ACHIEVED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR WITH THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH.

2 SCHEDULE - CONCRETE STRENGTH					
S001		12" = 1'-0"			
ITEM	fc	MAX AGGR. SIZE	WEIGHT	MAX W/C/M RATIO	
FOUNDATIONS, ELEVATOR PITS, TIE BEAMS	4000 PSI	1-1/2"	NW / LW	0.58	
COLUMNS, BEAMS, WALLS, ELEVATED SLABS, PILE CAPS	4000 PSI	1"	NW / LW	0.45	
SLAB ON GRADE	4000 PSI	1"	NW / LW	0.5	
CONC FILL OVER DECK	4000 PSI	3/4"	NW / LW	0.52	
SITE AND MISCELLANEOUS		SEE CIVIL OR ARCH DRAWINGS			
* W/C/M = WATER : CEMENTITIOUS MATERIAL RATIO					

3

S001

12" = 1'-0"

CONCRETE CLEAR COVER

CONCRETE EXPOSURE	MEMBER	REINFORCEMENT	SPECIFIED COVER
CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	ALL	ALL	3"
		NO. 6 THROUGH NO. 18 BARS	2"
EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	ALL	NO. 5 BAR, W31 OR D31 WIRE, AND SMALLER	1-1/2"
		NO. 14 AND NO. 18 BARS	1-1/2"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	SLABS, JOISTS, AND WALLS	NO. 11 BAR AND SMALLER	3/4"
		BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES	1-1/2"

- 06. WOOD FRAMING**
- A. DESIGN AND STANDARDS:
- a. LUMBER AND ITS FASTENINGS SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATIONS OF STRESS-GRADE LUMBER AND ITS FASTENINGS" (LATEST EDITION) AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
 - b. ALL WOOD FRAMING, FABRICATION, CONNECTIONS, AND ERECTION SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE AMERICAN FOREST AND PAPER ASSOCIATION, THE PLYWOOD DESIGN SPECIFICATION BY THE AMERICAN PLYWOOD ASSOCIATION, WOOD 1 "DETAILS FOR CONVENTIONAL WOOD FRAME CONSTRUCTION" BY THE AMERICAN FOREST AND PAPER ASSOCIATION, AND THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE, CHAPTER 23.
- B. MATERIALS:
- a. EXTERIOR WALLS, LOAD-BEARING WALLS, AND SHEAR WALLS:
 - MINIMUM OF NO. 2 KILN DRIED SOUTHERN YELLOW PINE (SYP).
 - MOISTURE CONTENT: 19% OR LOWER
 - BORATE-TREATED LUMBER WHERE NOTED OR EXPOSED TO EXTERIOR CONDITIONS.
 - b. HEADERS, BEAMS, AND OTHER FRAMING MEMBERS:
 - NO. 2 SYP UNLESS NOTED OTHERWISE.
 - c. COMPOSITE FRAMING MEMBERS:
 - LSL: FB = 2,325 PSI; E = 1,550 KSI; FV = 310 PSI
 - LVL: FB = 2,600 PSI; E = 2,000 KSI; FV = 285 PSI
 - PSL: FB = 2,900 PSI; E = 2,000 KSI; FV = 390 PSI
 - GLULAM OR OTHER: FB = 2,400 PSI; E = 1,800 KSI; FV = 265 PSI
 - c. SHEATHING AND BRACING:
 - LOAD-BEARING WALLS, INCLUDING SHEAR WALLS, SHALL BE SHEATHED ON AT LEAST ONE FACE AND/OR BRACED WITH 1X4 HORIZONTAL (CONTINUOUS) AT MID-HEIGHT OF WALL PRIOR TO LOADING THEM WITH CONSTRUCTION MATERIALS.
 - d. SPECIAL REQUIREMENTS:
 - a. FINGER-JOINTED STUDS SHALL EXCEED THE MATERIAL PROPERTIES AND ALLOWABLE STRESSES FOR SOLID LUMBER AS SPECIFIED FOR STUD GRADE CONSTRUCTION.
 - b. SOLE PLATES IN CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED LUMBER, 0.25 C-A-C MINIMUM.
 - c. FOR OVERLAY FRAMING AT ROOFS OR OTHER CONVENTIONAL ROOF FRAMING, CONTRACTOR SHALL PROVIDE 2X FRAMING IN ACCORDANCE WITH ROOF RAFTER TABLES IN THE APPLICABLE BUILDING CODE.
 - d. ALL LUMBER PERMANENTLY EXPOSED TO WEATHER SHALL BE PRESSURE-TREATED WITH CORROSION RESISTANT PRESERVATIVE IN ACCORDANCE WITH CURRENT AMERICAN WOOD PROTECTION ASSOCIATION (AWPA) STANDARDS OR APPROVED EQUAL.
 - e. EXPOSED WOOD TREATMENT:
 - 1. WOOD NOT IN CONTACT WITH GROUND: 0.25 C-A-C
 - 2. WOOD IN CONTACT WITH GROUND: 0.40 C-A-C
 - e. A 15 MIL VAPOR BARRIER SHALL BE PLACED BETWEEN ANY WOOD IN CONTACT WITH BRICK OR CMU MASONRY.
- F. FASTENERS AND CONNECTIONS:
- a. BOLT HOLES THROUGH WOOD SHALL BE DRILLED 1/16" MAXIMUM LARGER THAN THE DIAMETER OF THE BOLTS TO BE INSTALLED.
 - b. BOLTS THROUGH WOOD SHALL BE FITTED WITH STANDARD WASHERS AT HEAD AND NUT ENDS.
 - c. NOTIFY THE ENGINEER IF NEW HOLE LOCATIONS CONFLICT WITH EXISTING ELEMENTS.
 - d. THE EDGE OF A BORED HOLE SHALL NOT BE WITHIN 5/8" OF AN INCH OF THE STUD EDGE. BORED HOLES SHALL NOT BE LOCATED AT A CUT OR NOTCH IN THE STUD.
 - d. HARDWARE IN CONTACT WITH TREATED LUMBER:
 - 1. HOT-DIP GALVANIZED CONFORMING TO ASTM A653, CLASS G185 WITH 1.85 OZ OF ZINC COATING PER SQUARE FOOT, MINIMUM.
 - 2. ALL FASTENERS SHALL BE HOT-DIP GALVANIZED CONFORMING TO ASTM A153. STAINLESS STEEL FASTENERS MAY BE EMPLOYED AT THE CONTRACTOR'S OPTION.
 - e. FASTENERS TO BE PURCHASED FROM SIMPSON STRONG TIE OR APPROVED ALTERNATE.
 - f. JOIST AND HANGER CONNECTIONS:
 - 1. JOISTS FRAMING INTO SUPPORTING BEAMS AT THE SAME ELEVATION SHALL BE CONNECTED WITH BA TOP FLANGE JOIST HANGERS.
 - 2. USE LBSU JOIST HANGERS AT RIDGE AND HIP LOCATIONS. HOP CONNECTORS AT ALL HIP BEARING LOCATIONS, HRC44 TYPICALLY AT RIDGE AND HIP INTERSECTIONS. CC & ECC COLUMN CAPS, AND ABU AND CERO COLUMN BASES AS REQUIRED.
 - 3. ALL CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE CO., INC. OR AN APPROVED EQUAL, AND SHALL BE SIZED FOR THE MEMBER SUPPORTED.
 - f. MISCELLANEOUS:
 - a. MATERIALS MUST BE GRADE-MARKED.
 - b. A HOLE GREATER IN DIAMETER THAN 40% OF THE STUD WIDTH MAY NOT BE BORED IN ANY WOOD STUD; EXCEPTIONS ARE PROVIDED FOR NON-LOAD BEARING WALLS WITH SPECIFIC REINFORCEMENT.

- PILES (SMALL TIMBER PILES):**
- PILE DETAILS
 - a. ALL TIMBER PILES TO BE TREATED AND MEET THE REQUIREMENTS OF ASTM D25.
 - PILE TREATMENT:
 - a. CHROMATED COPPER ARSENATE (CCA)
 - b. MINIMUM RETENTION OF PRESERVATIVE: 0.80 PCF PER AWPA SPECIFICATIONS.
 - c. TREAT ANY EXPOSED SURFACE (CUT, SCAR OR HOLE) BY BRUSHING COPPER NAPHTHENATE PER AWPA SPECIFICATION M4.
 - LENGTH: 40 FT.
 - MINIMUM CENTER-TO-CENTER SPACING: 3'-0"
 - MINIMUM TIP DIAMETER: 8"
 - MINIMUM BUTT DIAMETER: 8"
 - PILES MAY BE FOLLOWED. ALLOW 1'-0" FOR CUT-OFF.
 - H. PREDRILL 6 in., 4" FOUR BLADE FISHTAIL BIT OR PRE-PUNCH 6 in. WITH A 4" STEEL PIPE PUNCH
 - I. HAMMER: NO. 2 VULCAN OR 6,700 LB DROP HAMMER DELIVERING 7,260 FT.-LBS OF ENERGY PER BLOW
 - J. EXPLORATORY PILES: NONE
 - K. LOAD TEST: NONE
 - L. DESIGN LOAD: 7 TONS
 2. REFUSAL NOTES
 - a. CRITERIA FOR REFUSAL: PILES ACHIEVING
 - 25 BLOW/FT
 - 20 BLOW/FT FOR 2 CONSECUTIVE FT

- 08. DESIGN LOADS**
- A. DESIGN CODES:
- a. INTERNATIONAL BUILDING CODE (IBC) 2021 / ASCE 7-16
- B. VERTICAL LOADS:
- LIVE LOADS
 - a. RESIDENTIAL - 40 PSF
 - b. BALCONY/DECK - 60 PSF
 - c. ROOF - 20 PSF
 - d. COMMERCIAL - 75 PSF
 - e. STAIRWAY - 100 PSF
- C. SEISMIC LOADS:
- a. THE BUILDING STRUCTURAL FRAMES/WALLS ARE DESIGNED USING THE EQUIVALENT LATERAL FORCE METHOD
- B. SEISMIC ACCELERATIONS
- a. SPECTRAL ACCELERATIONS
 - $S_s = 0.09g$
 - $S_1 = 0.052$
 - b. IMPORTANCE FACTOR: $I_p = 1.00$
 - c. SEISMIC DESIGN CATEGORY: B
 - d. SITE CLASS: E
- C. SEISMIC RESISTING SYSTEM:
- a. LIGHT FRAMED WALLS SHEATHED WITH WOOD: R=6
 - b. CANTILEVERED COLUMNS: R=1
 - c. ORDINARY STEEL MOMENT FRAMES: R=3.5
 - d. DIAPHRAGM DESIGN:
 - a. DIAPHRAGMS ARE DESIGNED IN ACCORDANCE WITH ASCE 7-16 SECTION 12.2.1.1. SEE BELOW FOR FLOOR DIAPHRAGM TYPE:
 - FIRST: RIGID
 - ROOF: FLEXIBLE
- D. WIND LOADS:
- a. BASIC WIND SPEED (3 SECOND GUST):
 - $V_{ult} = 144$ MPH
 - $V_{ref} = 112$ MPH
 - b. EXPOSURE CATEGORY = B
 - c. ENCLOSURE: ENCLOSED
 - d. RISK CATEGORY: I
 - e. WIND DIRECTIONALITY: $K_d = 0.85$
 - f. TOPOGRAPHIC FACTOR: $K_z = 1.0$
 - g. ELEVATION FACTOR: $K_e = 1.0$
 - h. GUST FACTOR: $G = 0.85$
 - i. UPLIFT ZONE DIMENSIONS:
 - "a" = 6 FEET
 - "b" = 15 FEET
 - j. DESIGN WIND PRESSURES:
 - EXPOSED WOOD TREATMENT:
 - 1. WOOD NOT IN CONTACT WITH GROUND: 0.25 C-A-C
 - 2. WOOD IN CONTACT WITH GROUND: 0.40 C-A-C
 - k. COMPONENTS & CLADDING (C&C) PRESSURES:

COMPONENTS AND CLADDING DESIGN PRESSURES (PSF): ROOF SLOPE S 7°																
EWA	ZONE	1'		1		2		3		4		5		OVERHANG		
		1'	2'	1	2	1	2	1	2	1	2	1	2	1', 2'		
	≤ 10	-51	-23	-89	23	-118	23	-161	23	-55	51	-68	51	-89	-118	-161
	20	-51	-21	-84	21	-110	21	-146	21	-53	48	-63	48	-88	-109	-143
	50	-51	-20	-76	20	-100	20	-126	20	-50	45	-57	45	-86	-94	-120
	100	-51	-18	-70	18	-93	18	-110	18	-47	43	-53	43	-84	-94	-102
	200	-44	-18	-64	18	-85	18	-95	18	-45	41	-48	41	-72	-74	-84
	500	-35	-18	-56	18	-75	18	-75	18	-42	38	-42	38	-56	-61	-61
	1000	-28	-18	-56	18	-75	18	-75	18	-42	38	-42	38	-56	-61	-61

- 09. PREFABRICATED WOOD TRUSSES**
- A. SHOP DRAWINGS:
- a. COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. TRUSS FRAMING, CONNECTIONS, AND ANCHORAGE SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF LOUISIANA FOR THE LOADS INDICATED ON THE DRAWINGS.
- B. BLOCKING AND BRIDGING:
- a. PROVIDE BLOCKING AND BRIDGING FOR ROOF TRUSSES AND MANUFACTURED WOOD PRODUCTS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- C. METAL PLATE CONNECTORS:
- a. PREFABRICATED METAL PLATE CONNECTORS SHALL BE PROVIDED BY SIMPSON OR AN APPROVED EQUAL AND INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS.
- D. DIMENSIONAL LUMBER:
- a. DIMENSIONAL LUMBER SHALL BE CONSTRUCTED TO THE SHAPE AND SIZE SPECIFIED IN THE DRAWINGS AND SHALL BE SOUTHERN PINE, NO. 1 GRADE.
- E. ALLOWABLE STRESSES:
- a. MINIMUM ALLOWABLE STRESSES SHALL CONFORM TO THE 2018 EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" FOR NO. 1 GRADE LUMBER IN THE SIZES SHOWN ON THE DRAWINGS.
- F. FASTENERS:
- a. FASTENERS USED WITH PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED STEEL OR STAINLESS STEEL.
- G. ENGINEERED WOOD PRODUCTS:
- a. MANUFACTURED ENGINEERED WOOD PRODUCTS SHALL BE PROVIDED BY WEYERHAEUSER, TJI, TIMBERSTRAND, PARALLAM, MICROLAM, OR AN APPROVED EQUAL.
- 10. STRUCTURAL STEEL**
- A. STANDARDS AND REFERENCES:
- a. FOLLOW AISC SPECIFICATIONS AS PER THE STEEL CONSTRUCTION MANUAL, 15TH EDITION.
- B. MATERIAL GRADES:
- a. WIDE FLANGE SHAPES: ASTM A992, GRADE 50.
 - b. MISCELLANEOUS SHAPES: ASTM A36.
 - c. HSS (HOLLOW STRUCTURAL SECTIONS): ASTM A500, GRADE B (FY = 46 KSI).
 - d. STEEL PIPE: ASTM A53, GRADE B (FY = 35 KSI).
- C. FASTENERS AND ANCHORS:
- a. HIGH-STRENGTH BOLTS: A325, 3/4"Ø MINIMUM UNLESS OTHERWISE NOTED.
 - b. ANCHOR RODS AND BOLTS: ASTM F1554, GRADE 36 UNLESS OTHERWISE NOTED.
 - c. CANTILEVERED CONCRETE ANCHORS (H.C.A.): AS PER A.W.S. SPECIFICATION D1.1.
 - d. DEFORMED BAR ANCHORS (D.B.A.): ASTM A496, E-70 ELECTRODES.
- D. CONNECTIONS:
- a. BEAM CONNECTIONS: ALL BEAM CONNECTIONS SHALL BE AISC STANDARD FRAMED CONNECTIONS.
 - b. SHOP CONNECTIONS: ALL SHOP CONNECTIONS SHALL BE WELDED.
 - c. FIELD CONNECTIONS: ALL FIELD CONNECTIONS SHALL BE BOLTED UNLESS NOTED OTHERWISE.
 - d. UNSCHEDULED OR UNDETAILED CONNECTIONS:
 - e. FOR NON-COMPOSITE BEAMS

1	S002	12" = 1'-0"	SCHEDULE - CONC SPLICE										
LAP SPLICES (INCHES)													
		SPLICE LOCATION					BAR SIZE						
SLABS	TOP	#3	#4	#5	#6	#7	#8	#9	#10	#11			
	OTHER	12	19	26	37	60	74	90	108	127			
OTHER	TOP	24	32	40	48	70	80	91	102	113			
	OTHER	19	25	31	37	54	62	70	79	87			
NOTE: REQUIRED TENSION LAP SPLICE LENGTHS FOR $f_c=4,000$ PSI. FOR HIGHER OR LOWER VALUES OF f_c , LAP LENGTHS MAY BE ADJUSTED ACCORDINGLY. SUBMIT PROPOSED LENGTHS FOR APPROVAL.													

2

S002

12" = 1'-0"

STRAIGHT BAR DEVELOPMENT LENGTH "Ld"

fy = 60000 psi

CASE A				CASE B			
	fc' = 3000 psi	fc' = 4000 psi	fc' = 5000 psi	fc' = 3000 psi	fc' = 4000 psi	fc' = 5000 psi	
BAR SIZE	db [in]	Ld [in]	Ld [in]	Ld [in]	Ld [in]	Ld [in]	
#3	0.375	14	12	14	12	12	
#4	0.500	18	16	14	18	16	
#5	0.625	23	19	18	23	19	
#6	0.750	27	23	21	27	23	
#7	0.875	39	33	30	39	33	
#8	1.000	44	38	34	44	38	
#9	1.128	50	43	38	50	43	
#10	1.270	56	48	43	56	48	

NOTES:

1. CASE A: CLEAR SPACING OF BARS OR WIRES BEING DEVELOPED OR LAP SPICED NOT LESS THAN db, CLEAR COVER AT LEAST db, AND STIRRUPS OR TIES THROUGHOUT Ld NOT LESS THAN THE CODE MINIMUM OR CLEAR SPACING OF BARS OR WIRES BEING DEVELOPED OR LAP SPICED AT LEAST 2db AND CLEAR COVER AT LEAST db.

2. CASE B: ALL OTHER CASES.

3. FOR LIGHTWEIGHT CONCRETE, INCREASE ABOVE LENGTHS BY 33%.

4. IN CERTAIN CASES, DEVELOPMENT LENGTHS CAN BE SHORTENED. SEE DETAILS AND SECTIONS FOR SPECIFIC LENGTHS.

3

S002

12" = 1'-0"

HOOKED BAR DEVELOPMENT LENGTH "Ldh"

fy = 60000 psi

CASE A

CASE B

BAR SIZE	db [in]	Ldh [in]	Ldh [in]	Ldh [in]	Ldh [in]	Ldh [in]	Ldh [in]
#3	0.375	6	6	6	8	7	6
#4	0.500	8	7	6	11	10	9
#5	0.625	10	9	8	14	12	11
#6	0.750	12	11	9	17	14	13
#7	0.875	14	12	11	19	17	15
#8	1.000	16	14	12	22	19	17
#9	1.128	18	16	14	25	21	19
#10	1.270	20	18	15	28	24	22

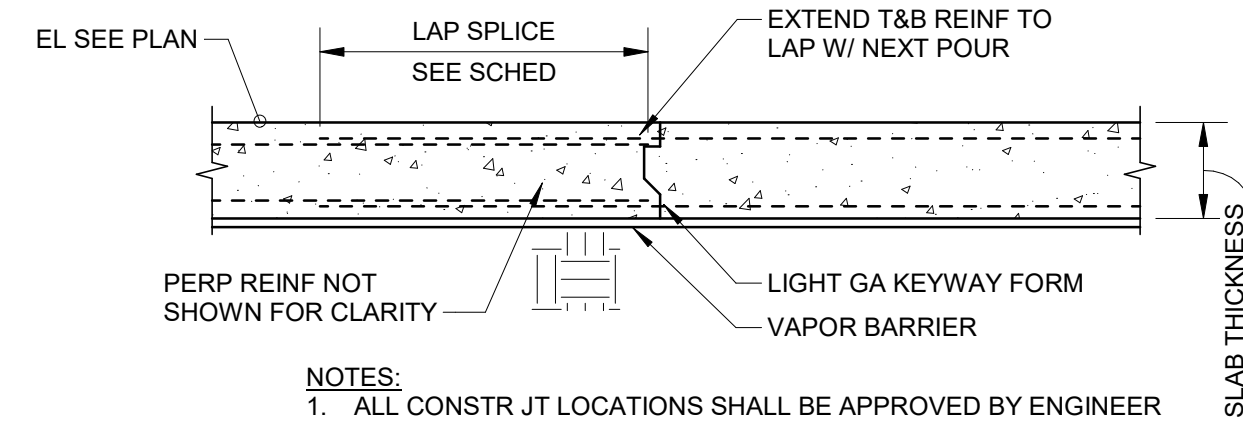
NOTES:

1. CASE A: FOR NO. 11 BAR AND SMALLER HOOKS WITH SIDE COVER (NORMAL TO PLANE OF HOOK) $\geq 2-1/2$ IN. AND FOR 90-DEGREE HOOK WITH COVER ON BAR EXTENSION BEYOND HOOK ≥ 2 IN.

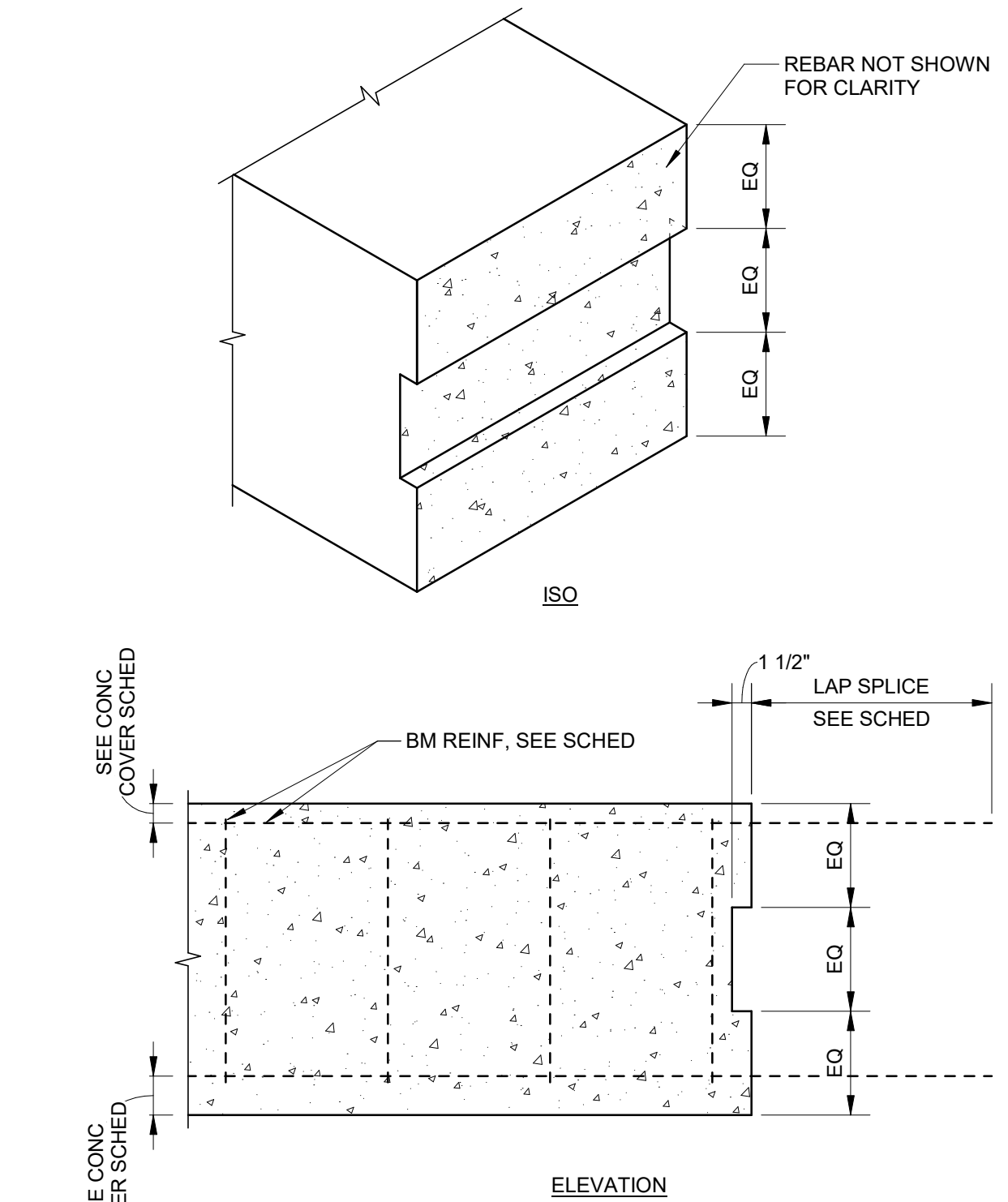
2. CASE B: ALL OTHER CASES

3. FOR LIGHTWEIGHT CONCRETE, INCREASE ABOVE LENGTHS BY 33%

4. IN CERTAIN CASES, DEVELOPMENT LENGTHS CAN BE SHORTENED. SEE DETAILS AND SECTIONS FOR SPECIFIC LENGTHS

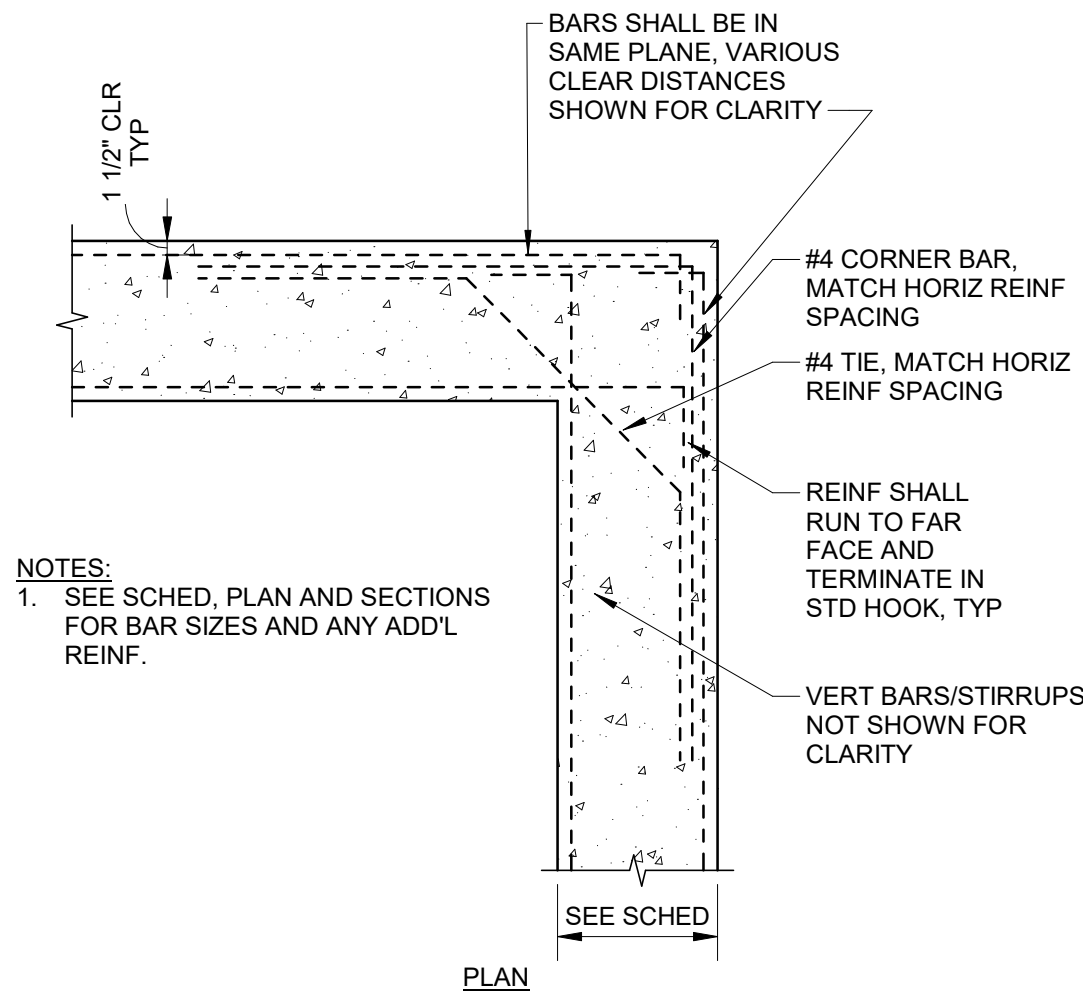


4 TYP DETAIL - CONCRETE SLAB CONSTRUCTION JOINT
S002 1" = 1'-0"

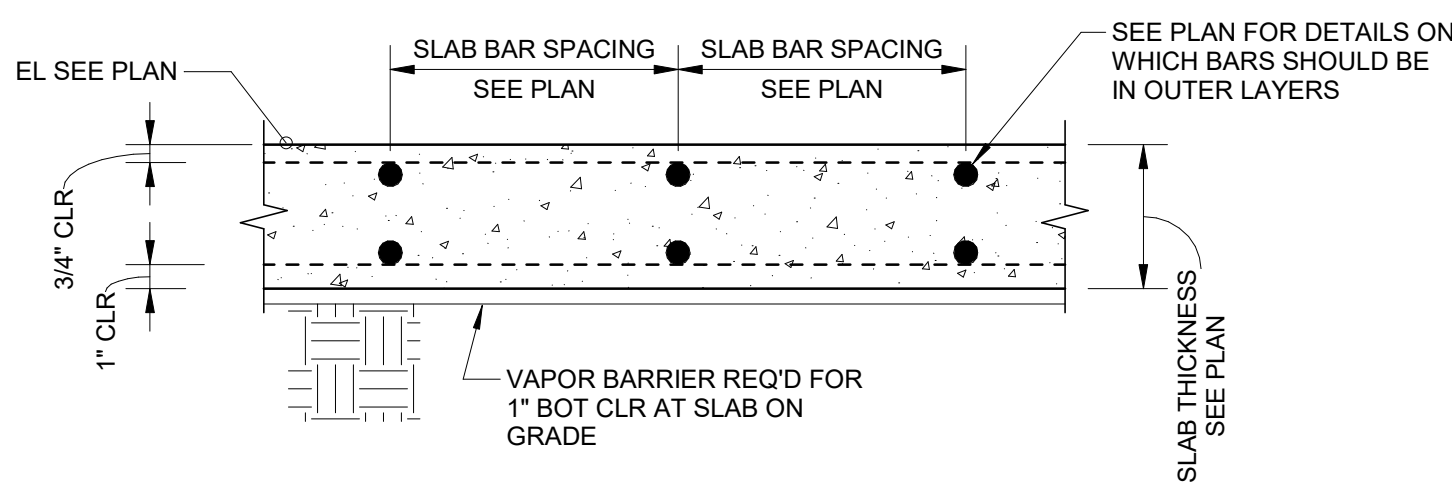


5 TYP DETAIL - CONCRETE BM BULKHEAD
S002 1" = 1'-0"

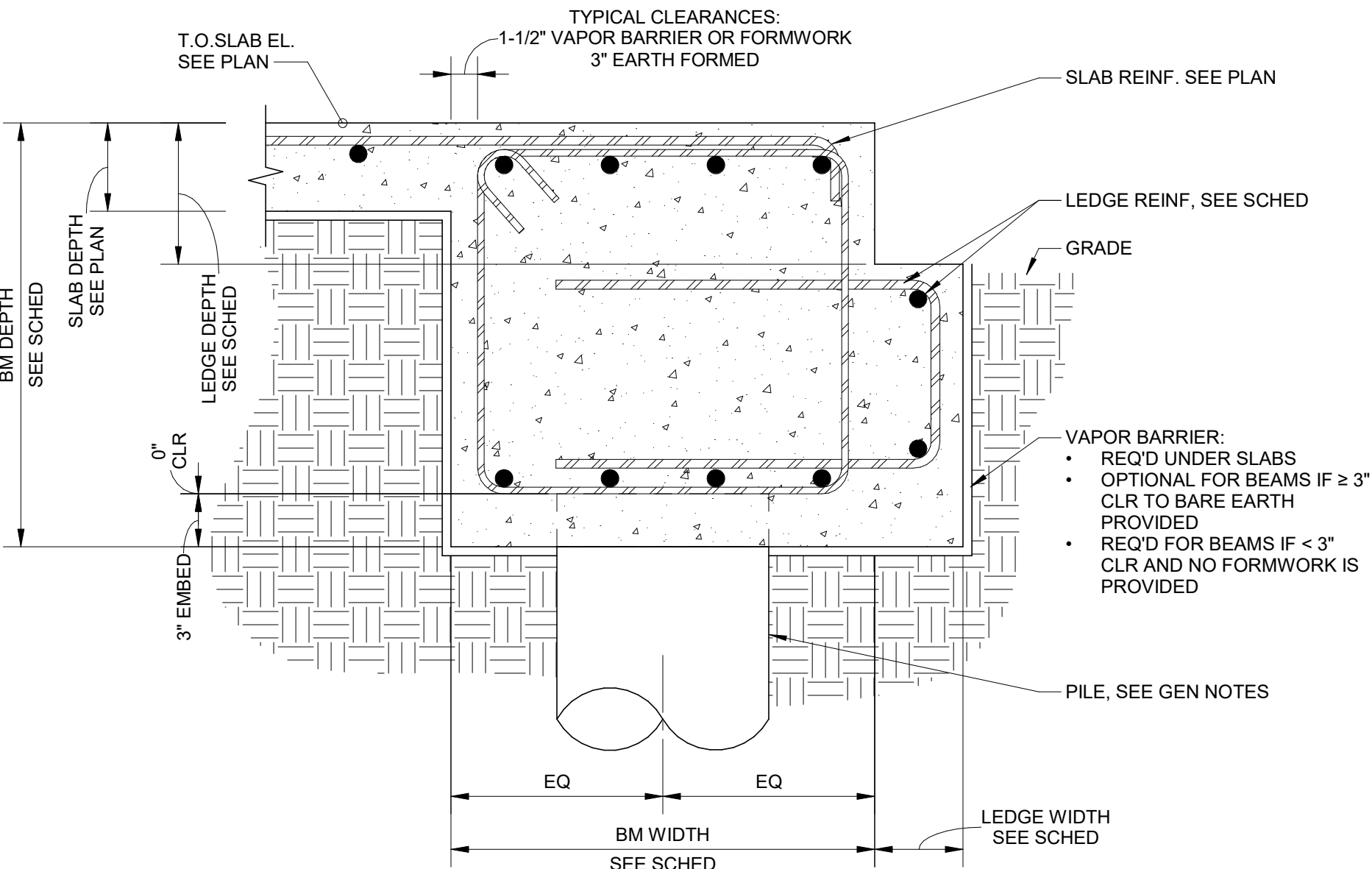
6		SCHEDULE - GRADE BEAM				
S002		1/2" = 1'-0"				
SYMBOL	WIDTH (IN)	DEPTH (IN)	TOP REINF	BOT REINF	STIRRUPS	LEDGE
GB24x24	24	24	(4) #6	(4) #6	#3@12"	2" W x 6" H LEDGE AT PAVING INTERFACE, SEE PLAN
GB12x12	12	12	(3) #6	(3) #6	#3@18"	STIRRUPS @ 6" UNDER PT LOADS



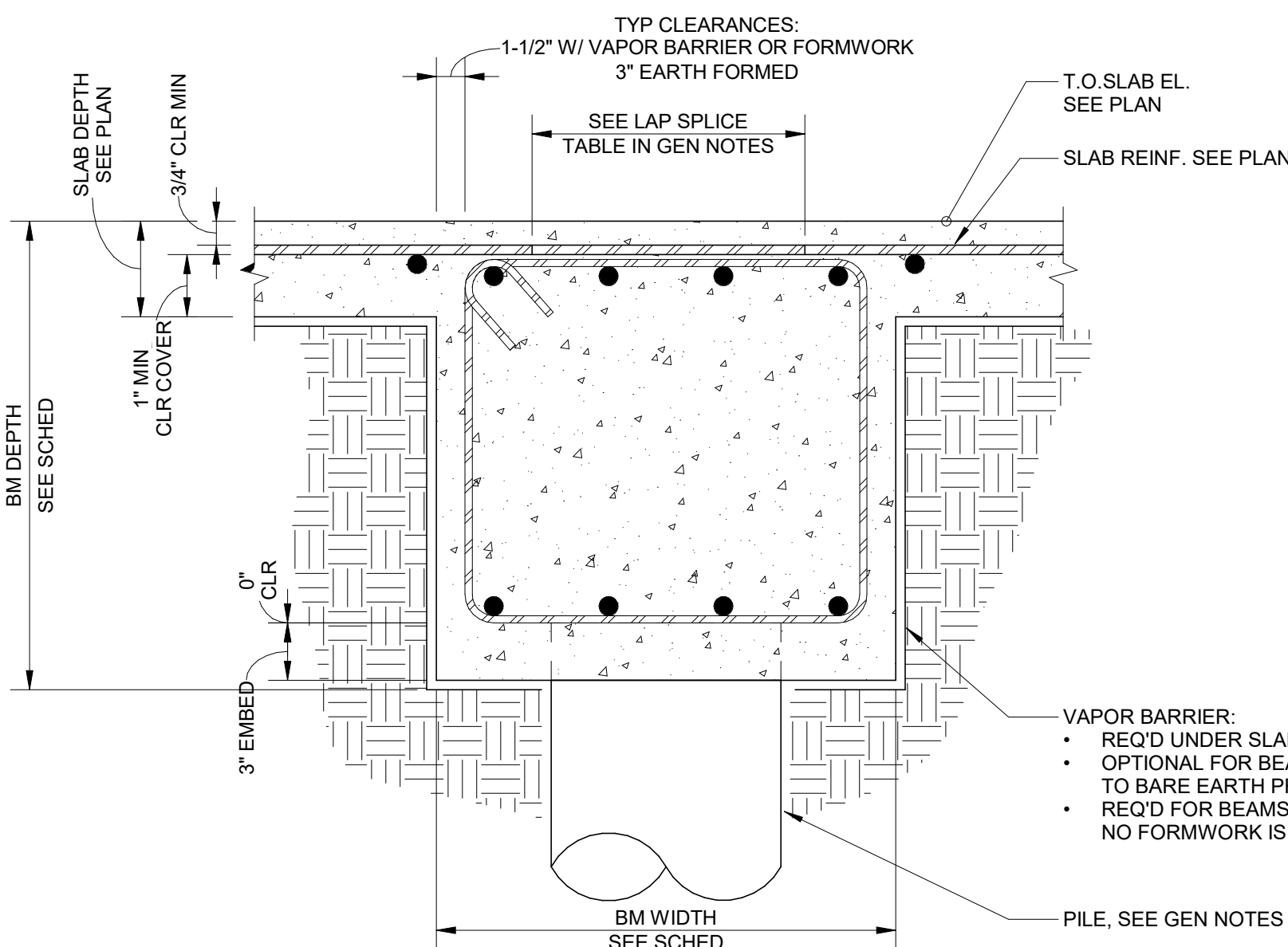
7 TYP DETAIL - CONC WALL/BEAM CORNER REINF
S002 1" = 1'-0"



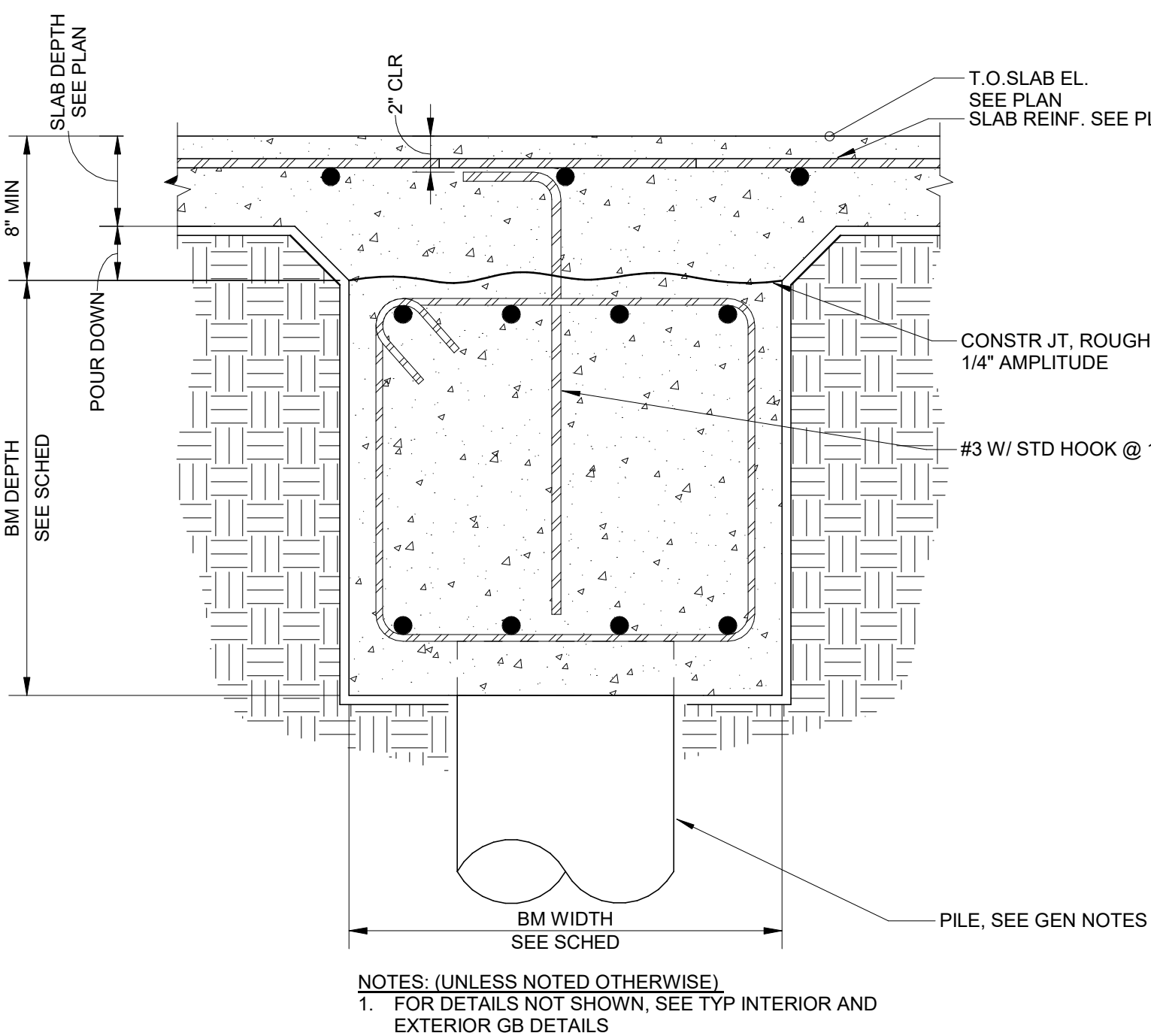
8 TYP DETAIL - CONCRETE SLAB CLEAR COVER
S002 1 1/2" = 1'-0"



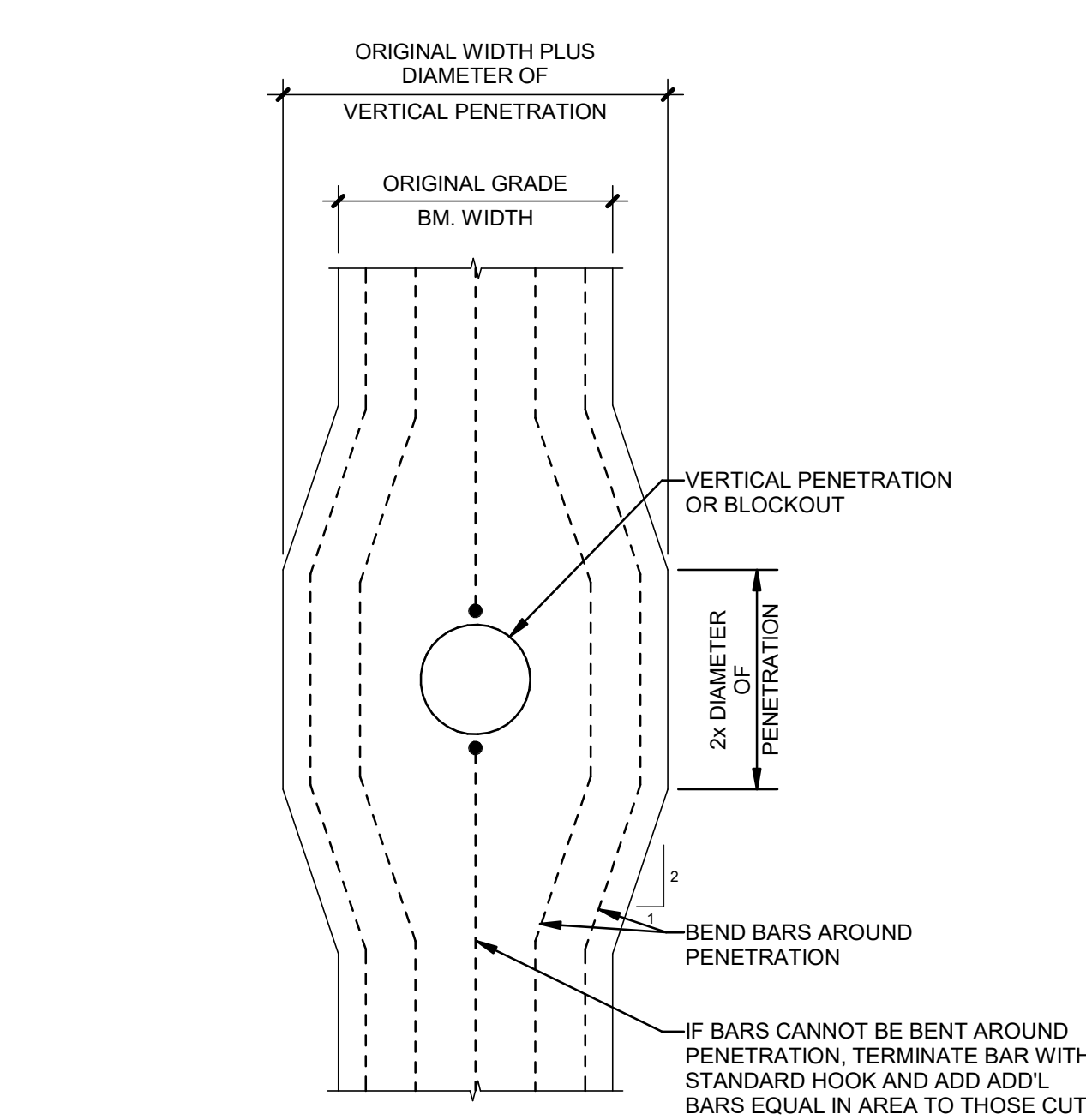
9 TYP DETAIL - EXTERIOR CONC BEAM DETAIL - LEDGE
S002 1 1/2" = 1'-0"



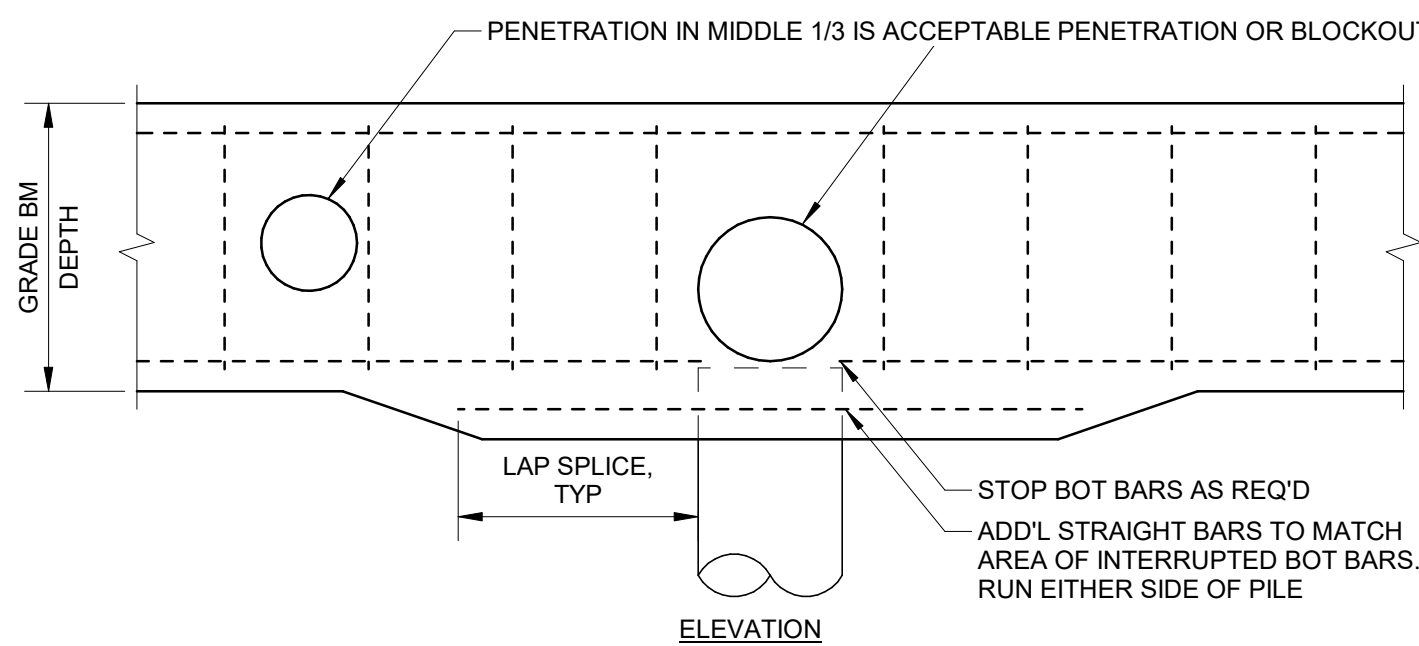
10 TYP DETAIL - INTERIOR CONCRETE BEAM DETAIL
S002 1 1/2" = 1'-0"



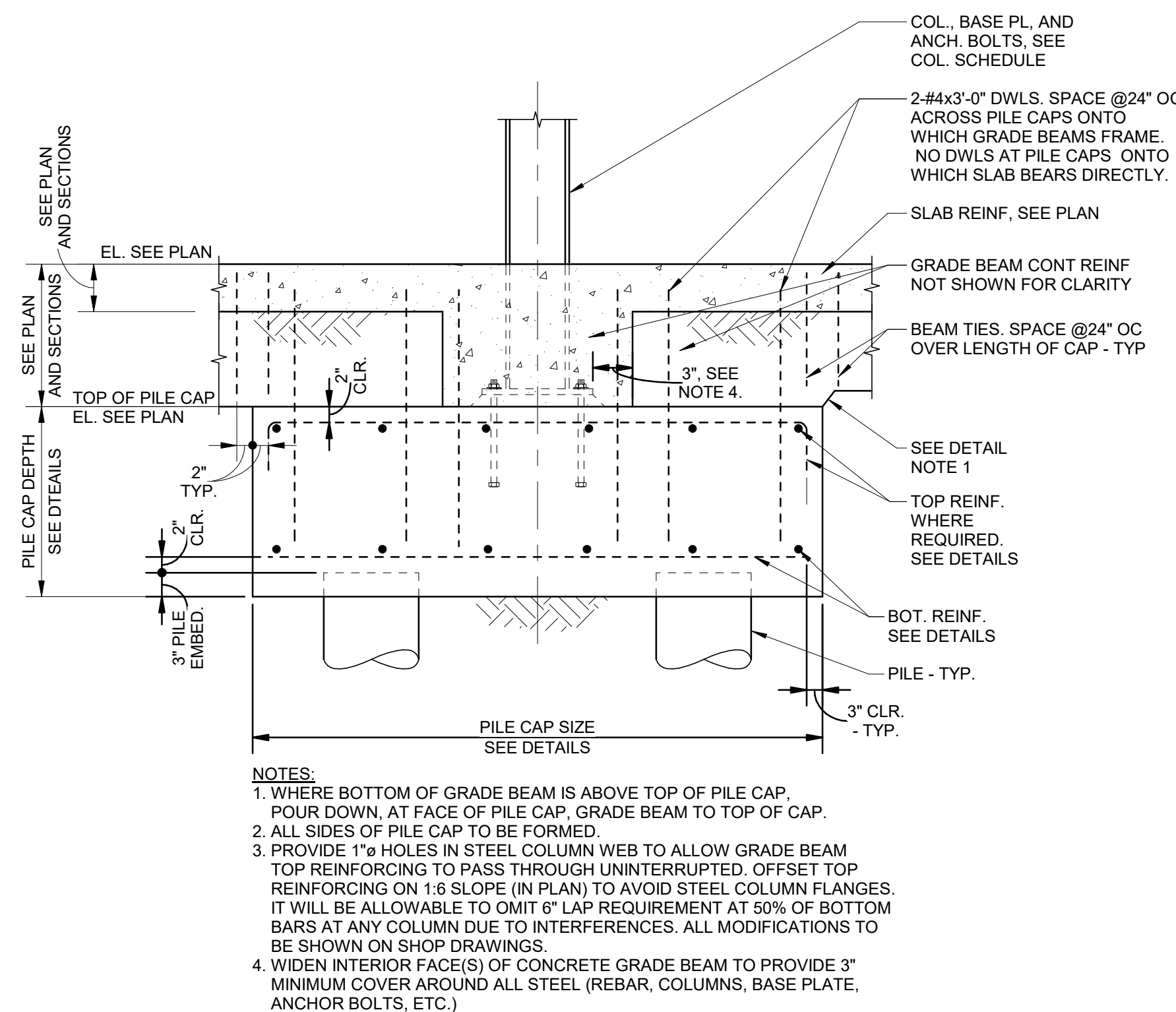
11 TYP DETAIL - NON-MONOLITHIC POUR DETAIL
S002 1 1/2" = 1'-0"



12 GRADE BM PEN (VERTICAL)
S002 1" = 1'-0"

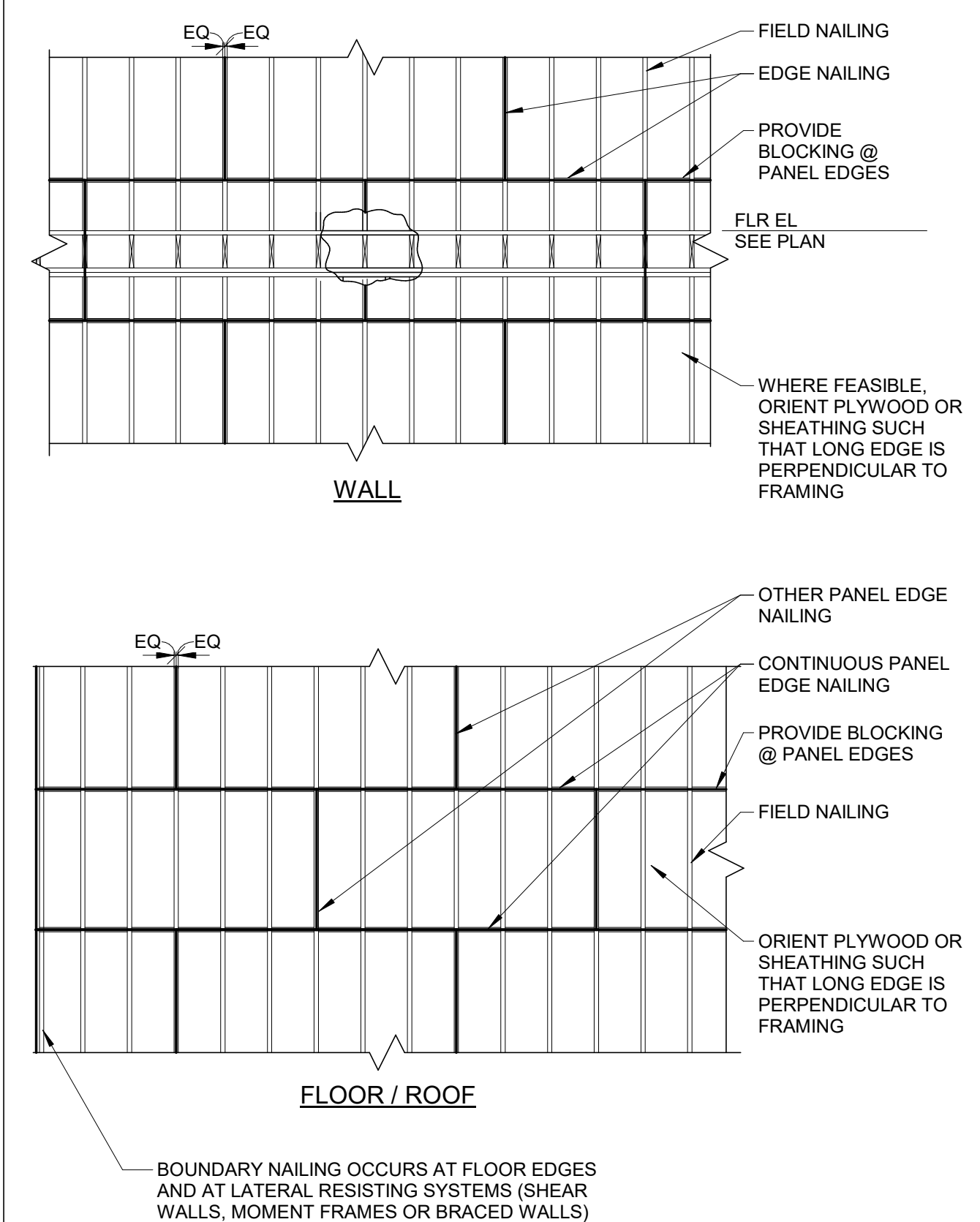


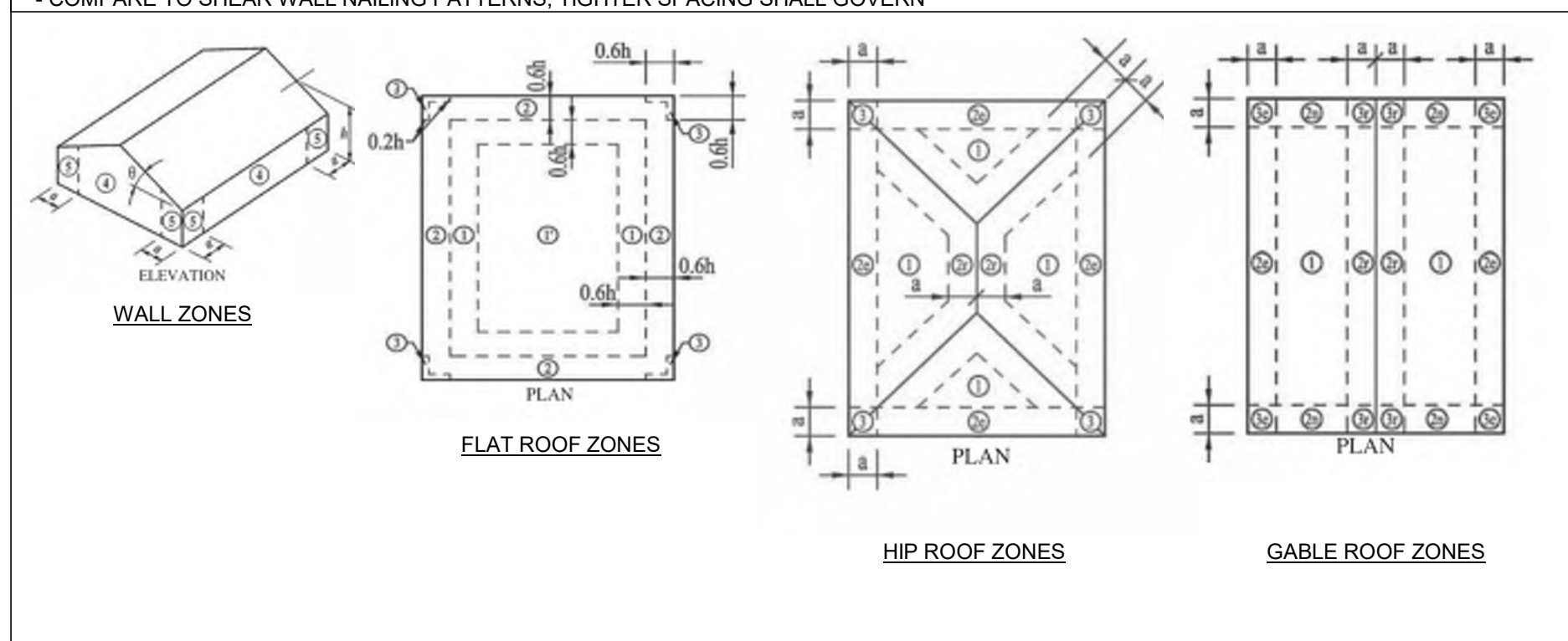
13 GRADE BM PEN (HORIZONTAL)
S002 3/4" = 1'-0"

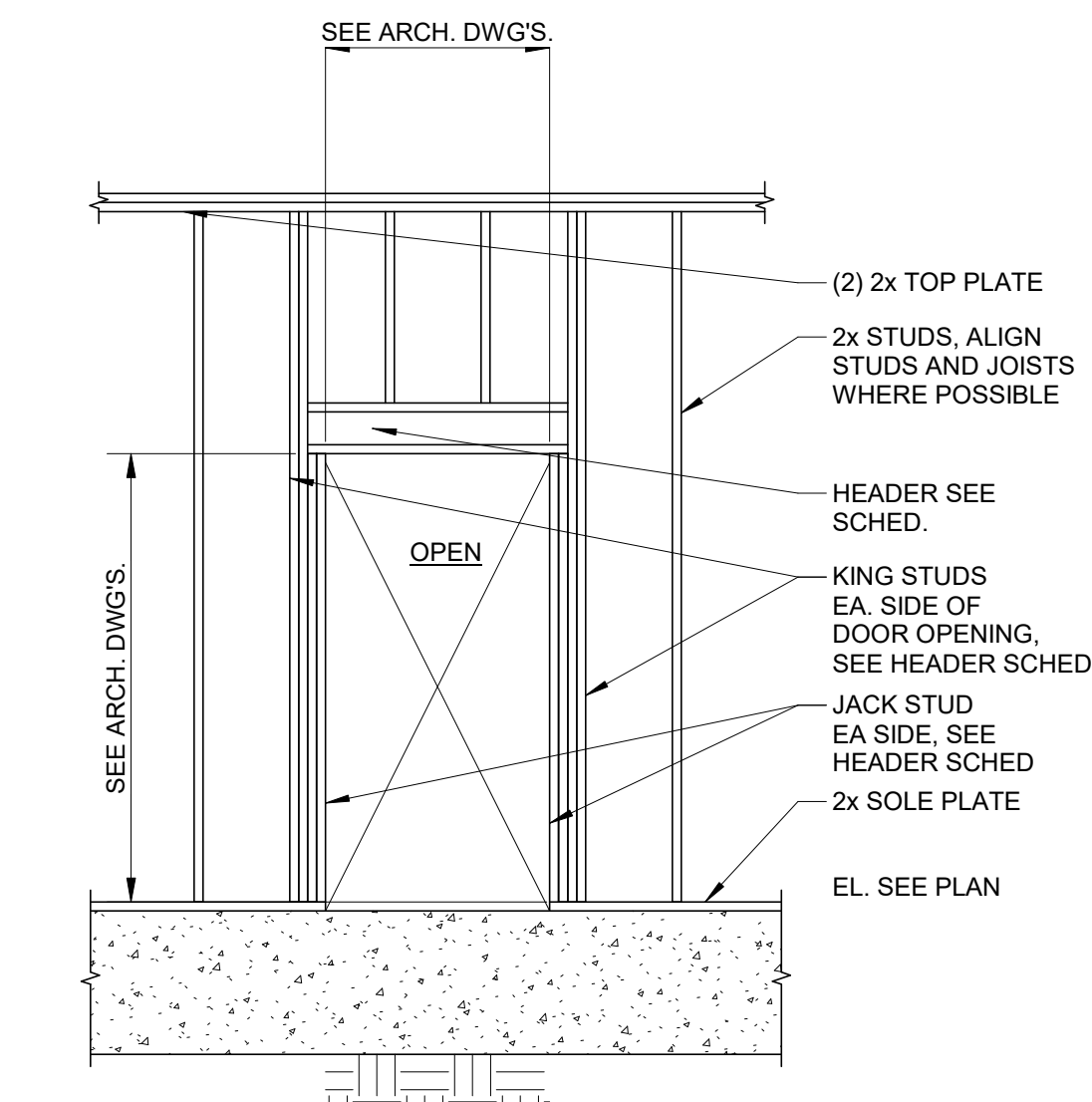


14 DETAIL-TYPICAL PILE CAP W/ STEEL COLUMN
S002 3/4" = 1'-0"

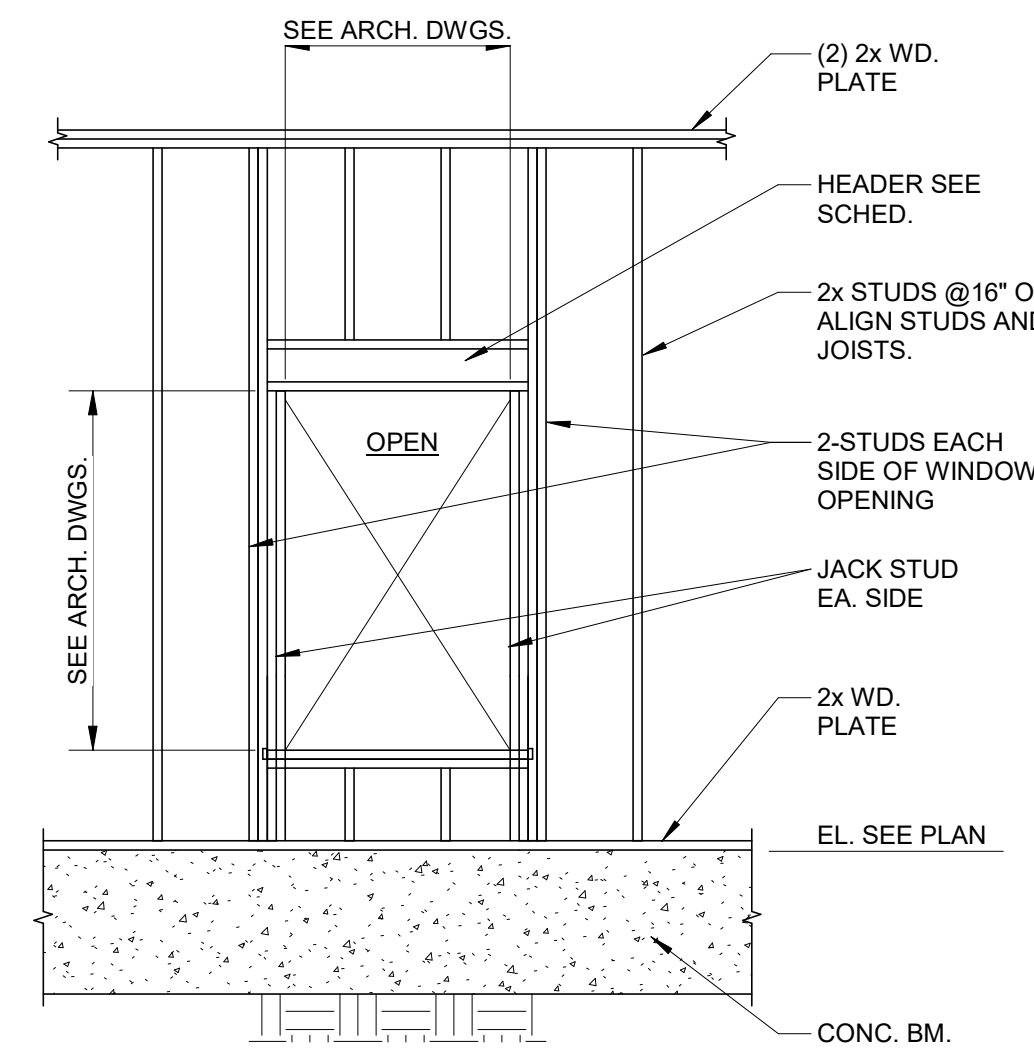
1 WOOD WALL SCHEDULE							
S003 1/2" = 1'-0"							
SYMBOL	STUD SIZE	SPACING (IN)	SHEATHING / CLADDING	BOT PLATE ATTACHMENT TO CONC			
				ANCHOR	SPACING	EMBED	BLOCKING
W1	2x6	12	EXTERIOR: 15/32" SHEATHING INTERIOR: 1/2" GYP BOARD	1/2" ø	48	5	48
W2	2x6	16	EXTERIOR: 15/32" SHEATHING INTERIOR: 1/2" GYP BOARD	1/2" ø	48	5	48
W4	2x4	16	INTERIOR: 1/2" GYP BOARD	1/2" ø	48	5	48
NOTE: UNLESS NOTED OTHERWISE 1. WALL CONSTRUCTION SHALL CONFORM TO METHODS PRESCRIBED IN THE WFCM. 2. ALL EXTERIOR WALLS TO BE FULLY BLOCKED AND SHEATHED PRIOR TO REMOVING ANY LATERAL BRACING. 3. ALL INTERIOR WALLS TO BE FULLY BLOCKED AND AT A MINIMUM BE SHEATHED ON ONE SIDE PRIOR TO REMOVING ANY LATERAL BRACING. 4. ALL EXTERIOR SIDING TO BE FULLY REPAIRED AND REPLACED PRIOR TO REMOVING ANY LATERAL BRACING.							

2 SHEATHING FASTENING SCHEDULE					
S003 1/4" = 1'-0"					
SHEATHED SURFACE	SHEATHING THICKNESS	FASTENER TYPE/SIZE	MAX FASTENER SPACING ALONG SUPPORTING MEMBER		
			FIELD	PANEL EDGES	DIAPHRAGM BOUNDARIES & CONT PANEL EDGES
ROOF	3/4"	10d RING SHANK NAILS	12" OC	6" OC	4" OC
FLOOR	3/4"	10d NAILS	12" OC	6" OC	4" OC
WALL	1/2"	8d NAILS	12" OC	6" OC	
SEE SHEARWALL AND C&C SCHEDULE FOR ALTERNATE NAILING PATTERNS					
NOTES: UNLESS NOTED OTHERWISE 1. ALL SHEATHING TO HAVE SOLID BLOCKING @ ALL HORZ/VERT JOINTS. 2. VERT JOINTS IN PLY SHEATHING TO BE STAGGERED @ EVERY 4'-0" OC 3. 8d NAILS TO HAVE MIN ø OF 0.131" AND PENETRATION OF 1-3/8" 4. 10d NAILS TO HAVE MIN ø OF 0.148" AND PENETRATION OF 1-1/2" 5. NAILS MAY BE REPLACED WITH SCREWS OF EQUAL OR GREATER DIAMETER 6. #10 SCREWS TO HAVE MIN ø OF 0.191" 7. TO REDUCE SQUEAKING, FLOOR DECKING/SHEATHING TO BE GLUED AND EITHER TONGUE AND GROOVE OR UTILIZE H-CLIPS AT 1'-6" SPACING					
					
NOTES: UNLESS NOTED OTHERWISE 1. SEE SCHEDULE FOR FASTENER SIZES AND SPACING 2. AT FLOORS, GLUE AND SCREW SHEATHING FOR REDUCED SQUEAKING					

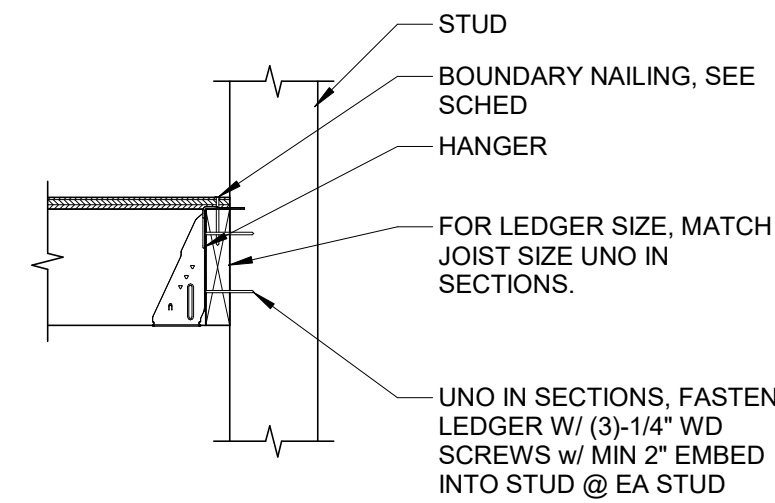
3 SCHEDULE - CLADDING NAILING FOR HIGH WIND ZONES									
S003 12" = 1'-0"									
FIELD NAIL SPACING FOR CLADDING									
ZONE	ASCE 7-16 C&C PRESSURE (SEE TABLE IN GEN NOTES)	FORTIFIED SAFETY FACTOR	P	W 10d (RING SHANK)	MEMBER SPACING		W #8 x 2" SCREW	MEMBER SPACING	
5'	-88	1.67	-113	199	16 in	24 in	282	16 in	24 in
4'	-55	1.67	-92		12	10		12	12
3	-161	1.67	-269		12	12		12	12
2	-118	1.67	-197		8	6		8	6
1	-89	1.67	-149		10	6		12	10
1'	-51	1.67	-86		12	12		12	12
* . COMPARE TO SHEAR WALL NAILING PATTERNS, TIGHTER SPACING SHALL GOVERN									
									



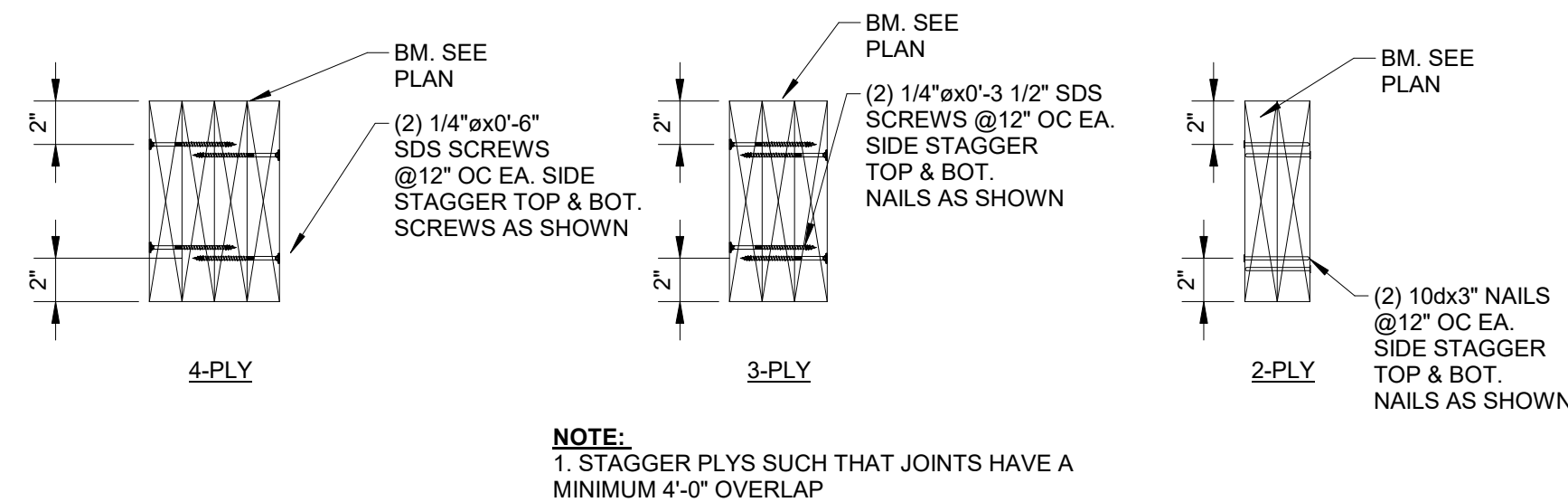
6 TYP DETAIL - DOOR OPENING FRAMING
S003 3/8" = 1'-0"



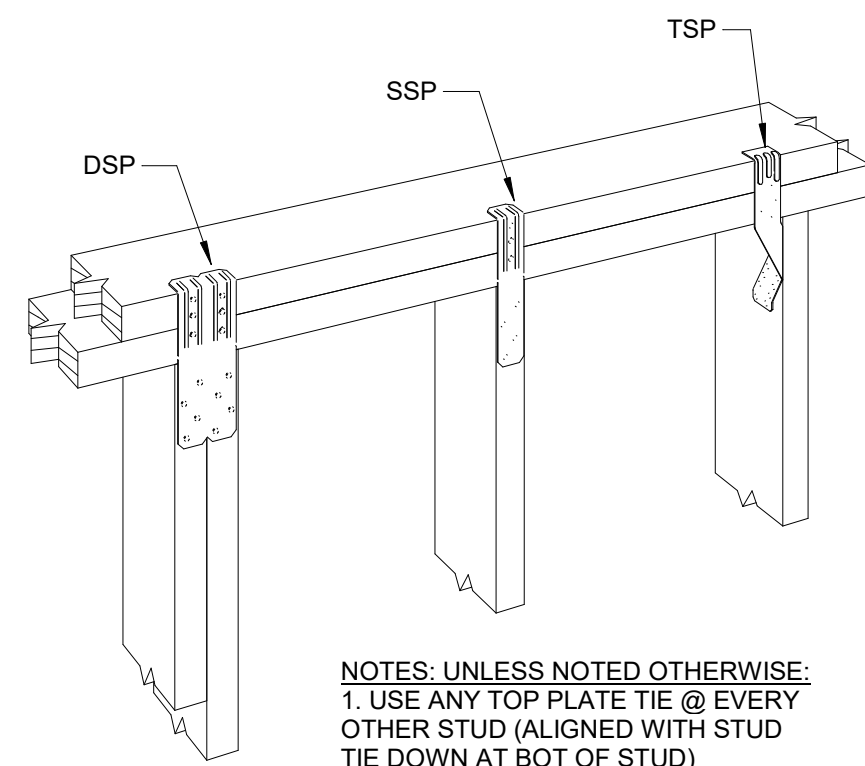
7 TYP DETAIL - WINDOW OPENING FRAMING
S003 3/8" = 1'-0"



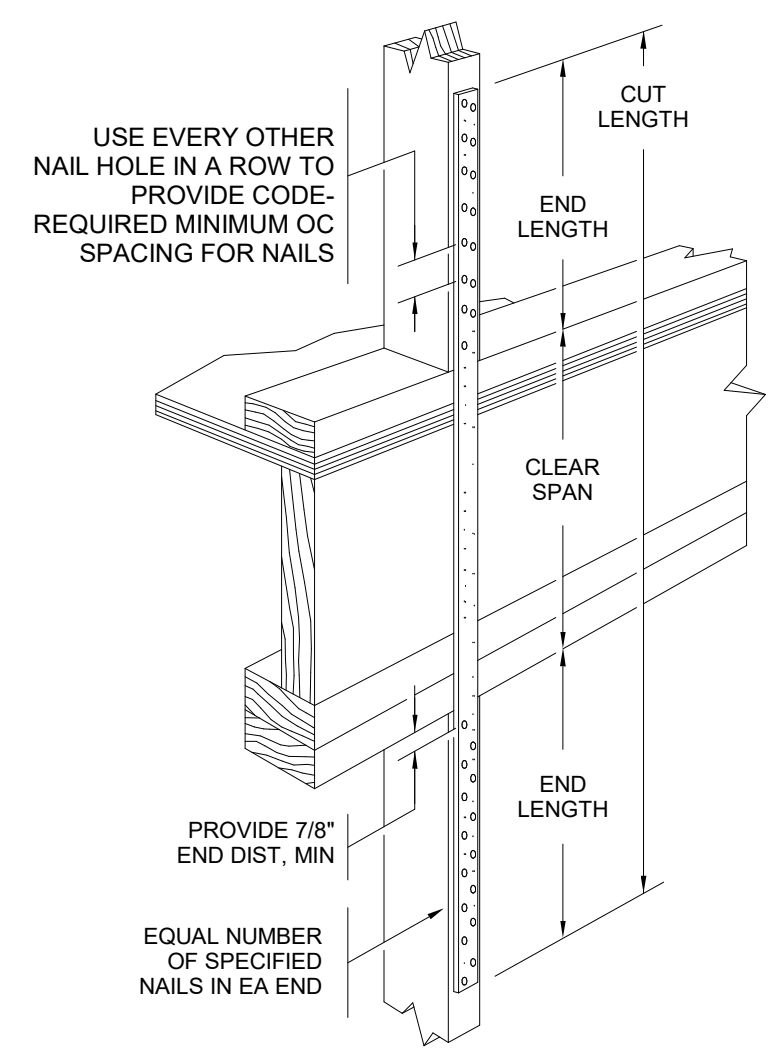
8 TYP DETAIL - WOOD LEDGER
S003 1" = 1'-0"



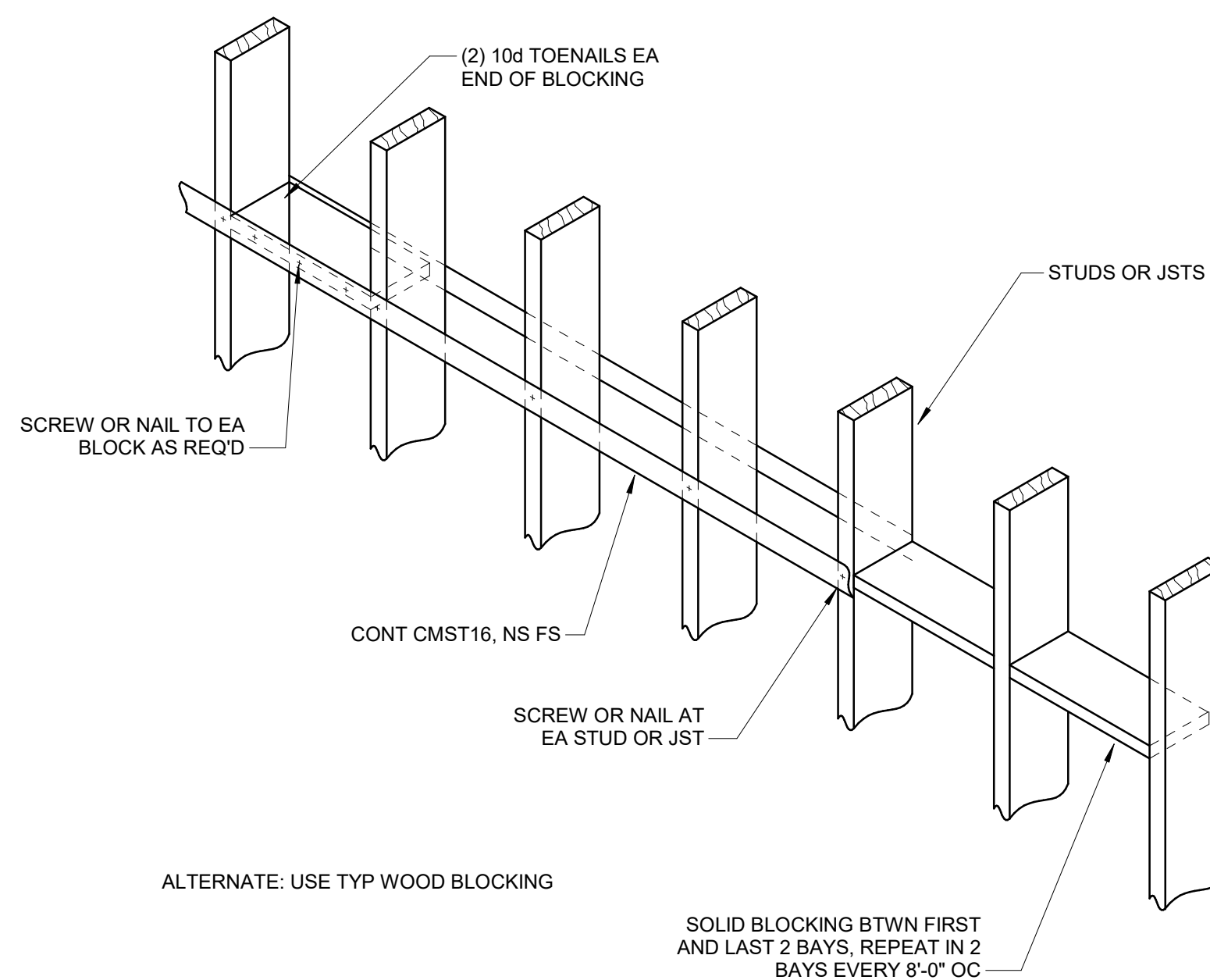
9 TYP DETAIL - WOOD BEAM BUILT-UP NAILING PATTERN
S003 1 1/2" = 1'-0"



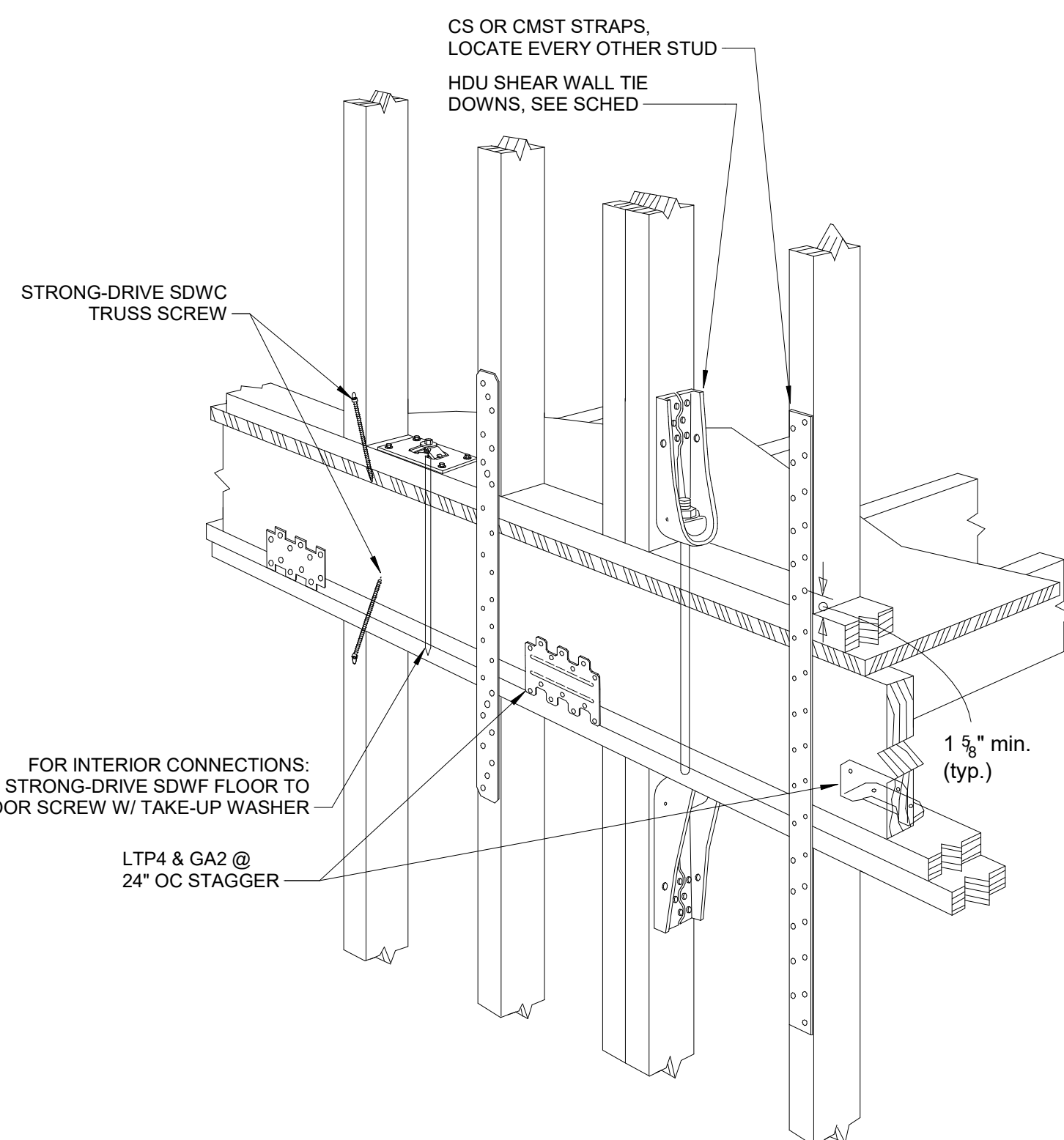
10 TYP DETAIL - STUD TO TOP PLATE
S003 1 1/2" = 1'-0"



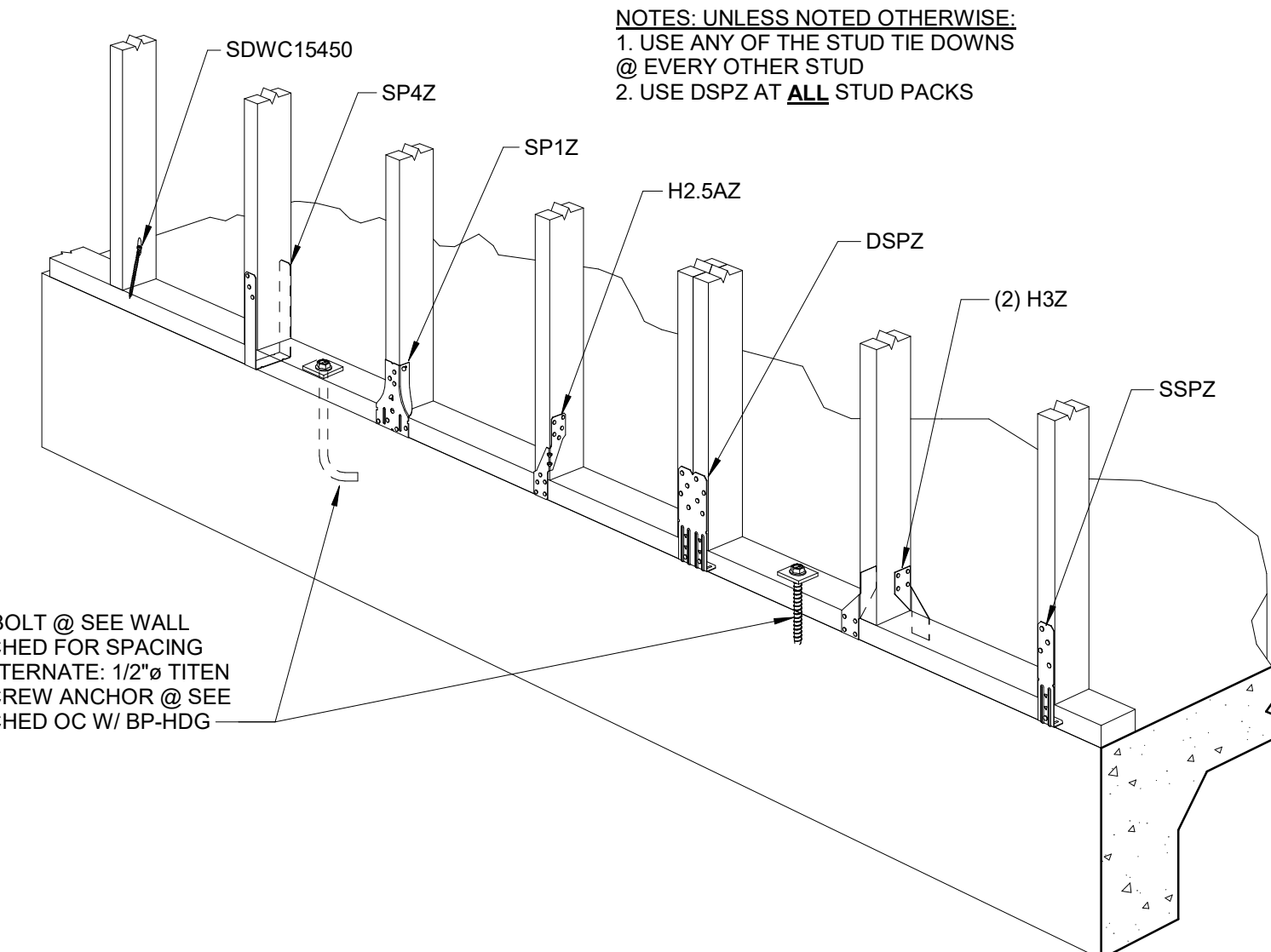
11 COILED STRAP DETAIL
S003 1 1/2" = 1'-0"



12 BLOCK AND STRAP BRACING
S003 1" = 1'-0"



13 TYP DETAIL - FLR TO FLR CONNECTIONS
S003 1" = 1'-0"



14 TYP DETAIL - STUD WALL TO CONC CONN
S003 1" = 1'-0"

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME
TYP DETAILS & SCHED - WOOD

SHEET NO.

S003

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME

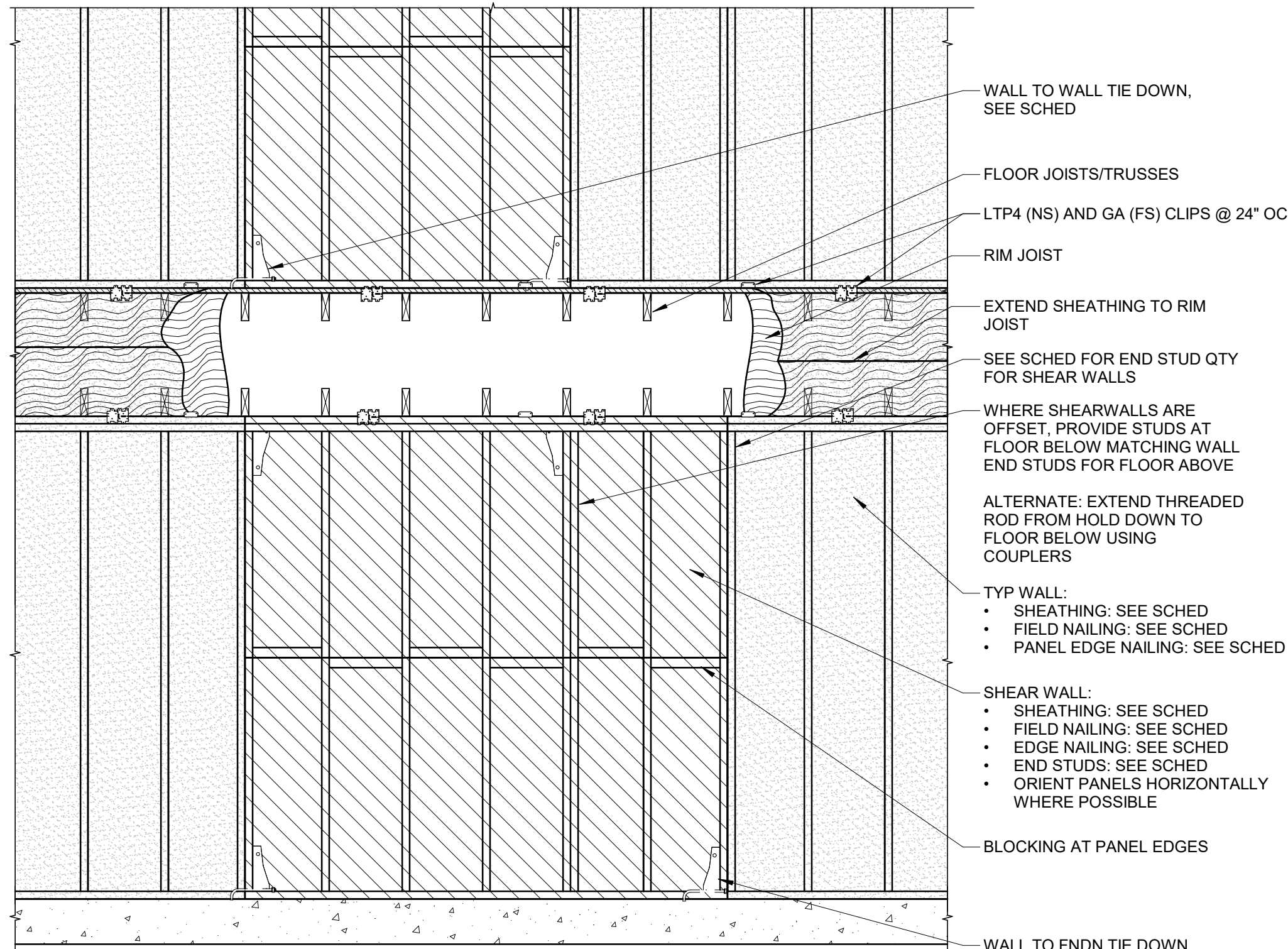
TYP DETAILS & SCHED -
WOOD SHEAR WALLS

SHEET NO.

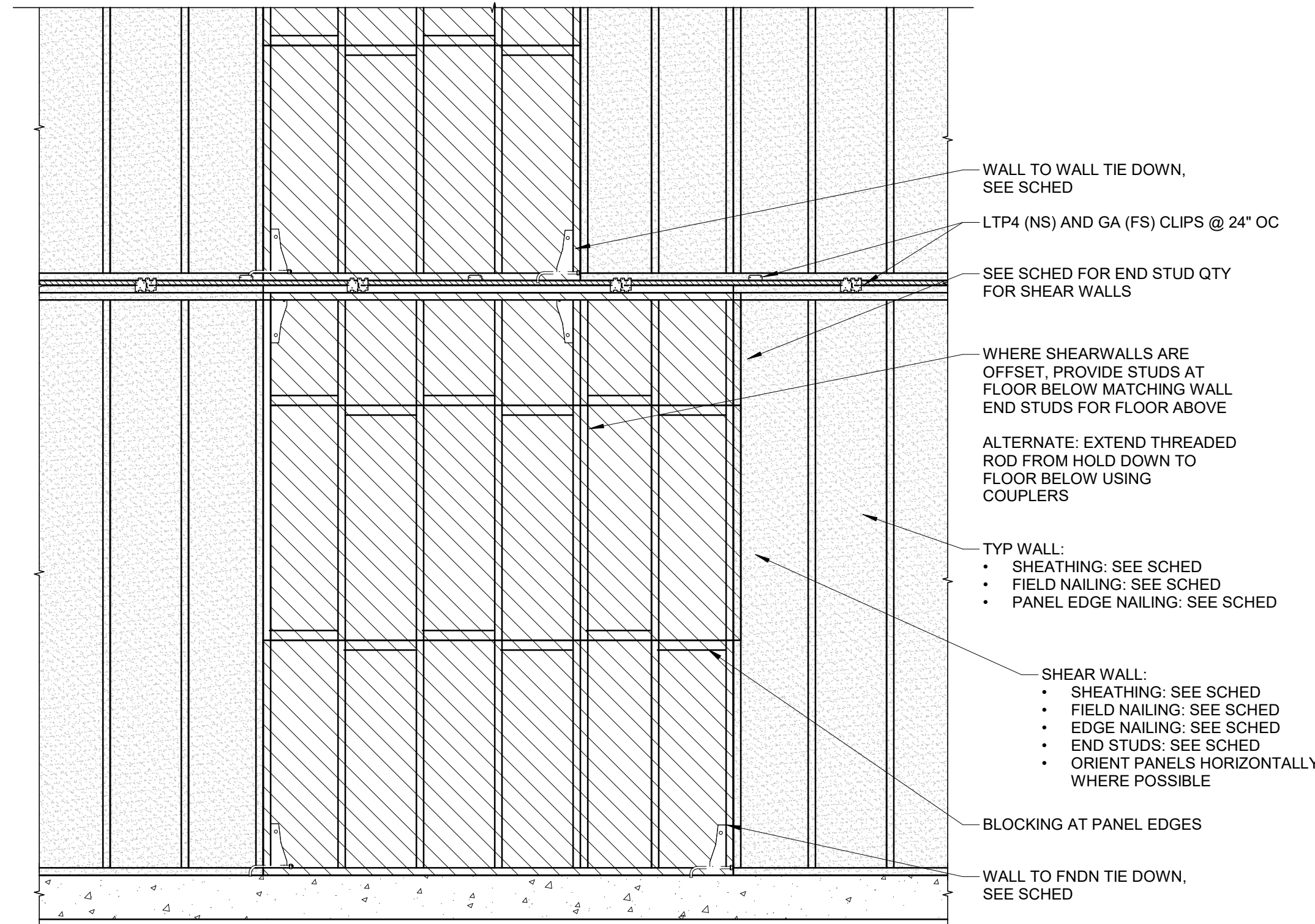
S004

1
S004 1/2" = 1'-0"

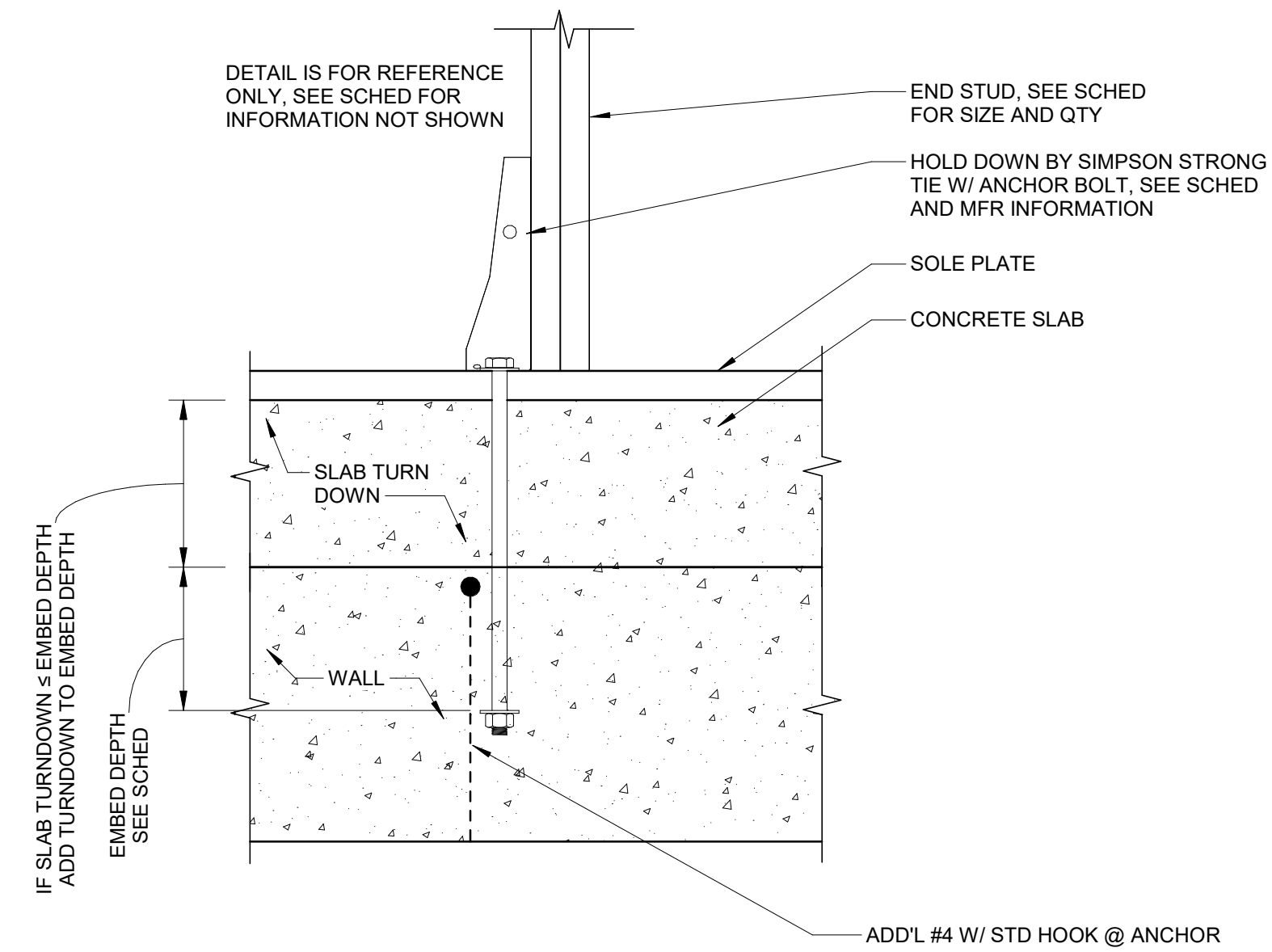
SHEAR WALL TYPICAL DETAILS AND SCHEDULE



WALL PERPENDICULAR TO JOISTS/TRUSSES



WALL PARALLEL TO JOISTS/TRUSSES

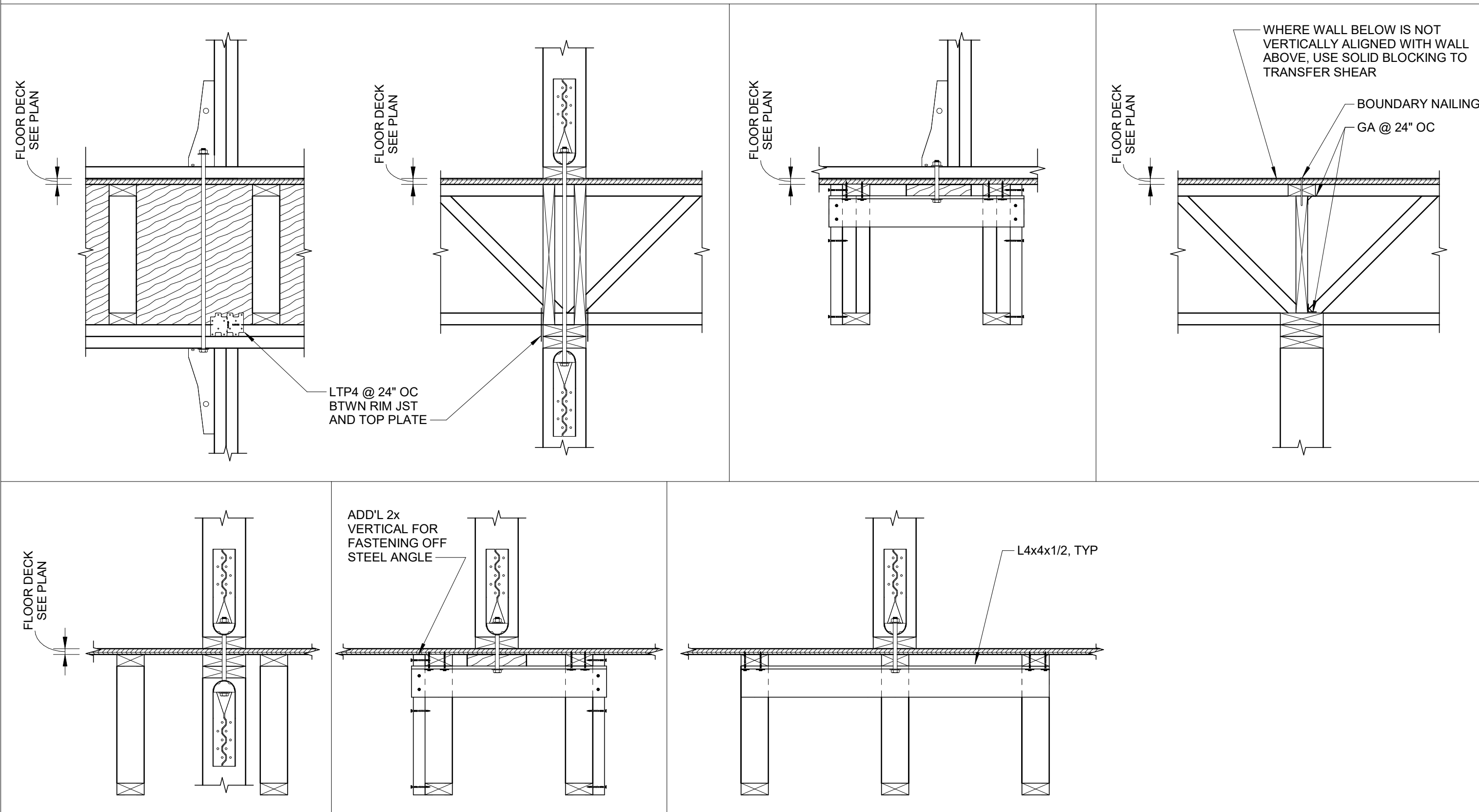


2
S004 1 1/2" = 1'-0"

SHEAR WALL TIE DOWN DETAIL - CONCRETE

3
S004 1" = 1'-0"

TYP DETAIL - SHEAR WALL TO TRUSS CONNECTIONS

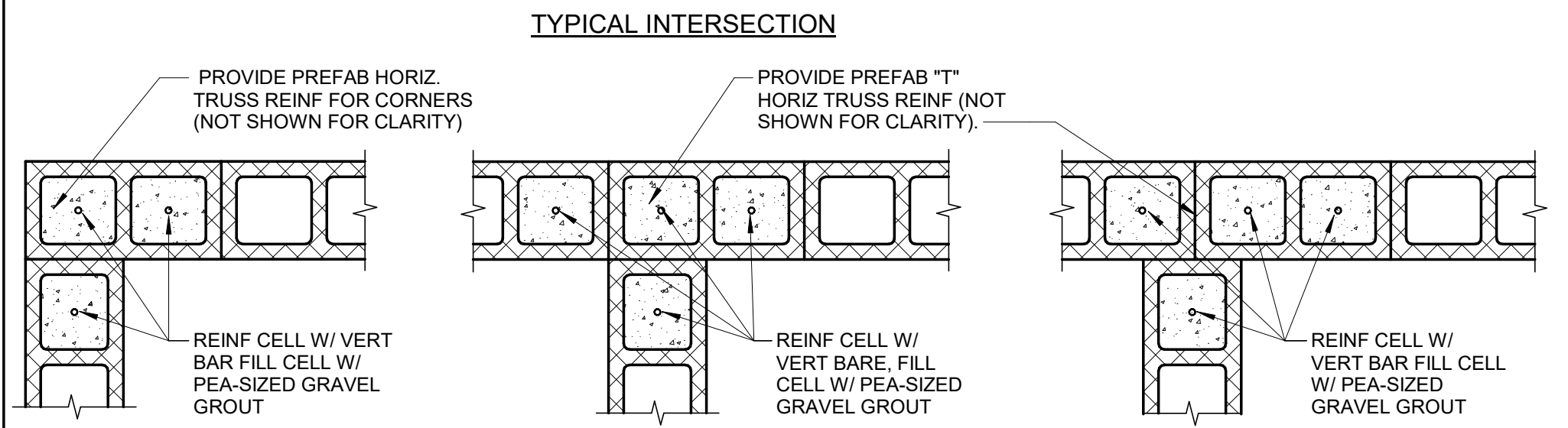
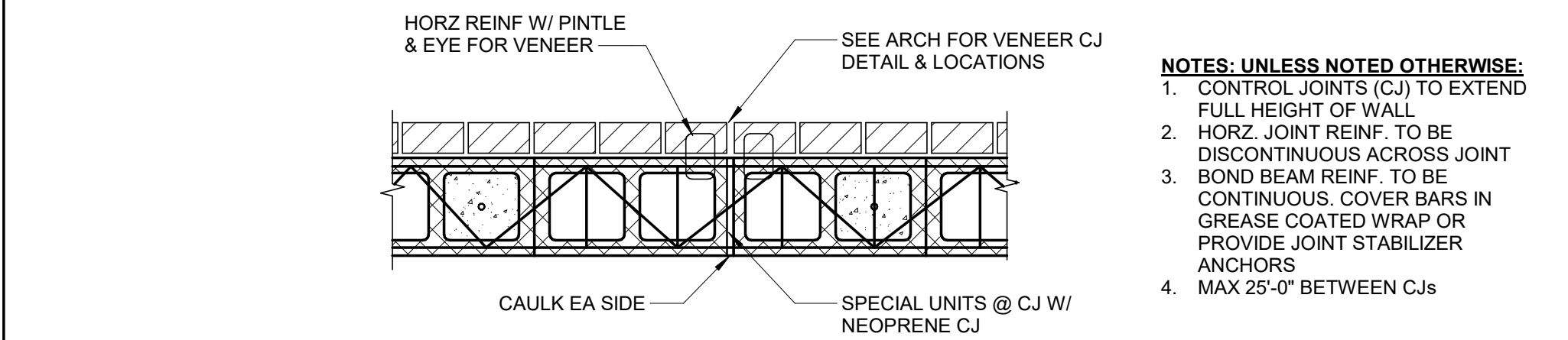
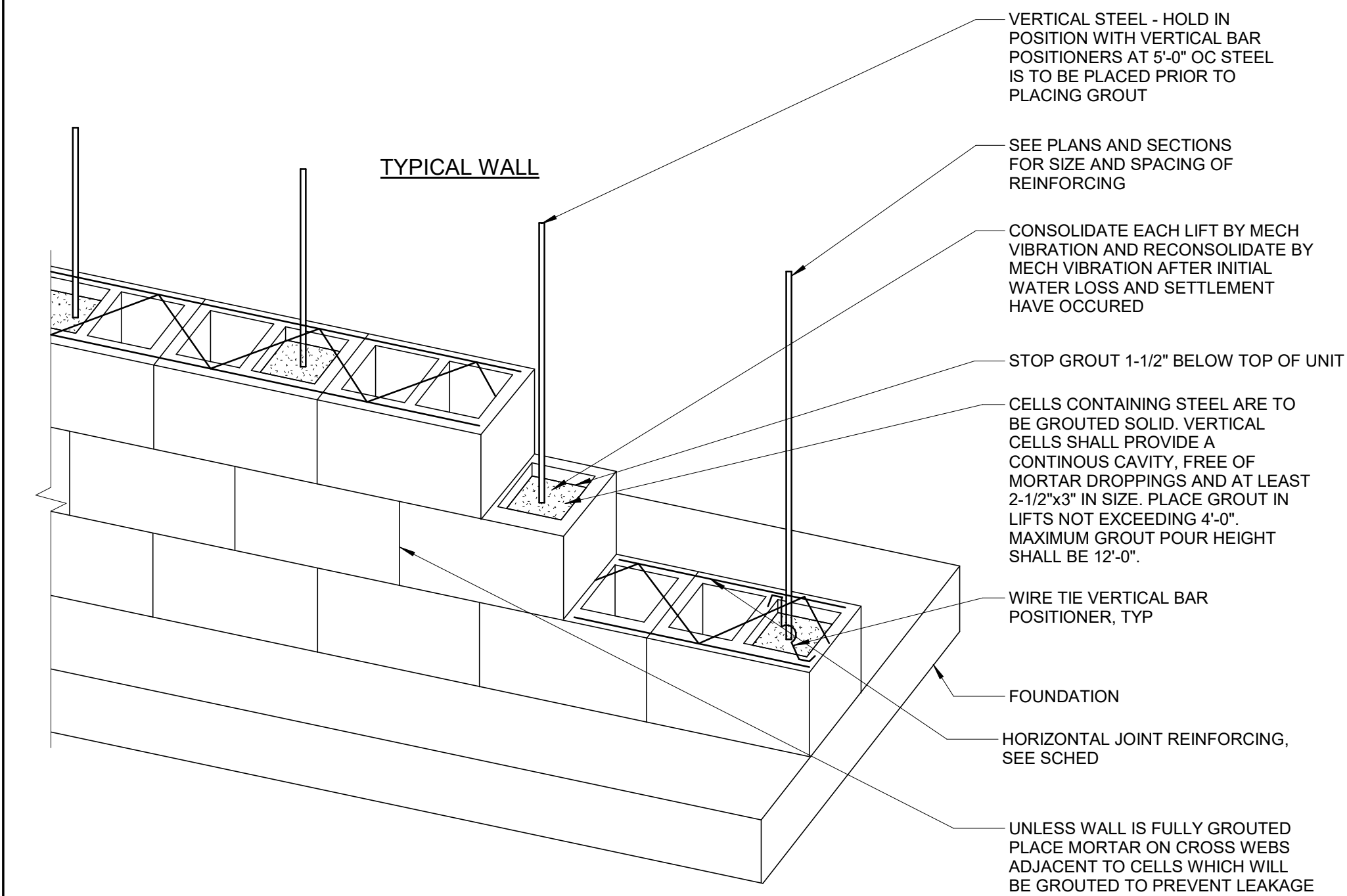


- NOTES:
- FOR WALLS PARALLEL TO TRUSSES:
 - IF WALLS ARE VERTICALLY ALIGNED, RUN BOT WALL TO SHEATHING OF FLOOR ABOVE AND FASTEN NORMALLY.
 - IF WALLS ARE NOT VERTICALLY ALIGNED, USE STEEL ANGLE TO TRANSFER THE LOAD BETWEEN JOISTS.
 - FOR WALLS PERPENDICULAR TO TRUSSES, ADD (2) 1-1/4"x18" RIM JOIST BETWEEN TRUSSES AT SHEAR WALL AND:
 - IF WALLS ARE VERTICALLY ALIGNED, RUN BOLT THROUGH TO WALL BELOW.
 - IF WALLS ARE NOT VERTICALLY ALIGNED, USE STEEL ANGLE IN A SIMILAR MANNER AS ABOVE.

1
S005
CMU GENERAL NOTE
1" = 1'-0"

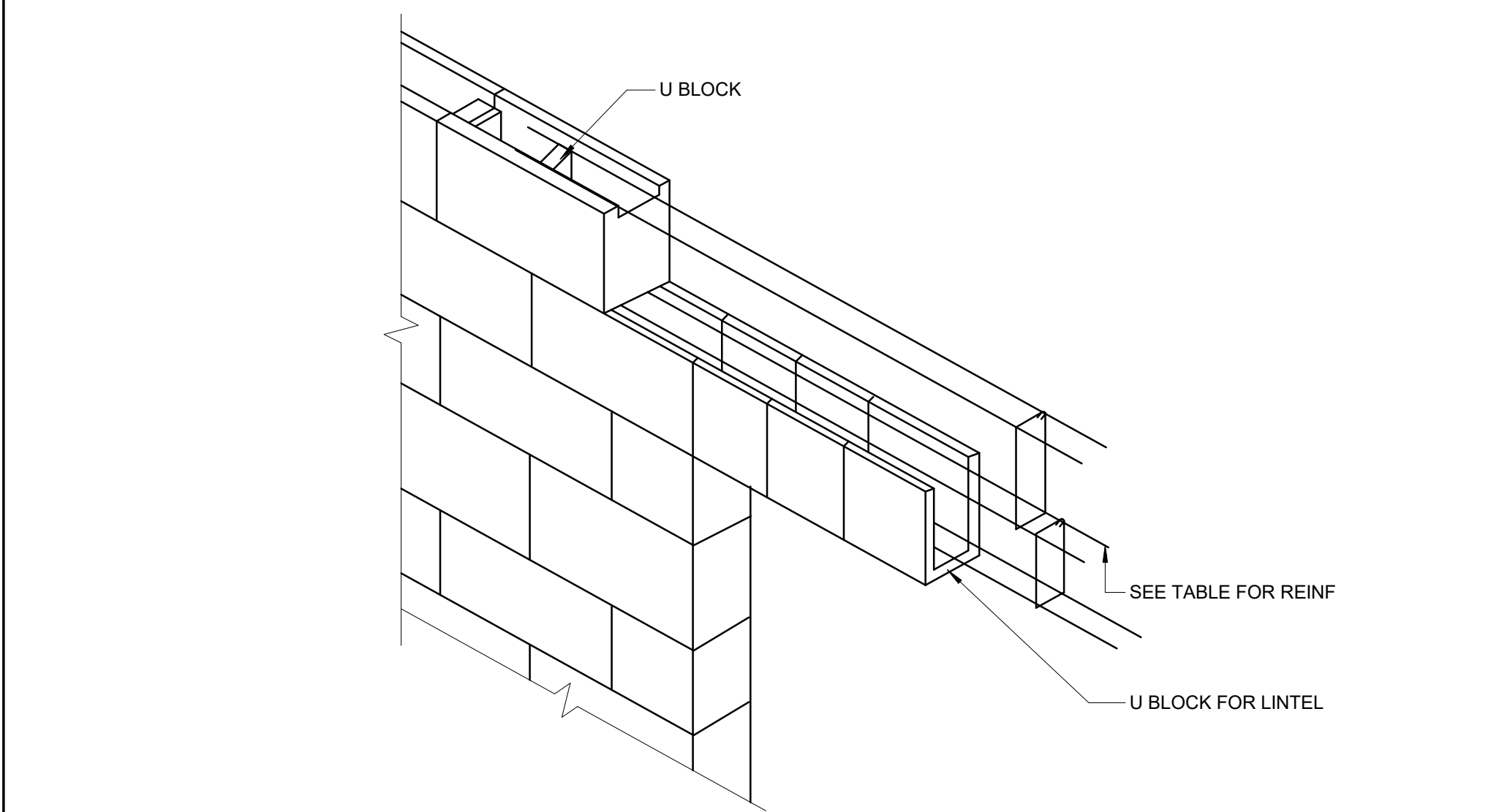
- A. STANDARDS AND COMPLIANCE:
- a. ALL MASONRY SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH ACI 530, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES," AND ACI 530.1 "SPECIFICATION FOR MASONRY STRUCTURES."
- B. MATERIALS:
- a. CONCRETE BLOCK UNITS: CONCRETE BLOCK UNITS SHALL CONFORM TO ASTM C90 WITH $F'm \geq 1500$ PSI. CONCRETE BLOCK UNITS SHALL BE MEDIUM WEIGHT. AND ALL MASONRY CONSTRUCTION SHALL BE GROUTED AT SPACINGS PER THE CMU WALL SCHEDULE.
- b. MORTAR: MORTAR SHALL BE TYPE S PER ASTM C270.
- c. GROUT: GROUT SHALL BE PROPORTIONED TO ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 2000 PSI. NO MORE THAN 5% OF THE PEA GRAVEL SHALL PASS THE NO. 8 SIEVE, AND 100% SHALL PASS THE 3/8" SIEVE.
- d. REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 FOR #4 AND LARGER, AND GRADE 40 FOR #3 AND SMALLER. REINFORCING STEEL THAT IS TO BE WELDED SHALL CONFORM TO ASTM A706.
- C. ASSEMBLY:
- a. VERTICAL REINFORCEMENT: SEE CMU WALL SCHEDULE.
- b. HORIZONTAL REINFORCEMENT: SEE CMU WALL SCHEDULE.
- c. BOND BEAMS: ALL HORIZONTAL BARS SHALL BE PLACED IN BOND BEAM UNITS. WHEN TWO BARS ARE USED, STAGGER LAPS A MINIMUM OF 5'-0".
- d. REINFORCEMENT CLEARANCES: MINIMUM REBAR CLEARANCE TO FACE SHELL SHALL BE ONE BAR DIAMETER OR 1/2", WHICHEVER IS GREATER. A MINIMUM COVER OF 2" SHALL BE MAINTAINED FOR REINFORCING BARS WHERE WALLS ARE EXPOSED TO EARTH OR WEATHER.
- D. INSTALLATION & CONSTRUCTION PROCEDURES:
- a. MATERIAL HANDLING: MASONRY UNITS AND COMPONENTS THAT ARE DAMAGED SHALL NOT BE INSTALLED. REINFORCEMENTS AND ACCESSORIES SHALL NOT BE STORED ON THE GROUND AND MUST BE PROTECTED FROM PERMANENT DISTORTIONS.
- b. TEMPERATURE CONSIDERATIONS: IMPLEMENT COLD WEATHER PROCEDURES FROM ACI 530.1, ARTICLE 1.8C, WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40°F. IMPLEMENT HOT WEATHER PROCEDURES FROM ACI 530.1, ARTICLE 1.8D, WHEN THE AMBIENT AIR TEMPERATURE IS ABOVE 90°F.
- c. CONCRETE SURFACE PREPARATION: BEFORE BLOCK IS PLACED ON CONCRETE, THOROUGHLY CLEAN THE CONCRETE OF ALL LAITANCE AND LOOSE MATERIAL. ROUGHEN THE SURFACE AS IN A CONCRETE CONSTRUCTION JOINT.
- d. MASONRY ASSEMBLY: CONCRETE BLOCK MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS. ALL HEAD AND END JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR. BOND SHALL BE PROVIDED BY LAPPING SUCCESSIVE COURSES OR BY EQUIVALENT MECHANICAL ANCHORAGE. VERTICAL CELLS SHALL HAVE SUFFICIENT ALIGNMENT TO MAINTAIN A CLEAR, UNOBSTRUCTED CONTINUOUS VERTICAL CELL.
- e. GROUT PLACEMENT: GROUT PLACEMENT SHALL CONFORM TO ACI 530.1 SECTION 3.5. CLEANOUT OPENINGS SHALL BE PROVIDED AT THE BOTTOM OF ALL CELLS TO BE FILLED FOR ANY LIFT OR POUR OF GROUT IN EXCESS OF 5'-4". REMOVE ANY OVERHANGING MORTAR, OBSTRUCTIONS, OR DEBRIS FROM INSIDE CELLS. SEAL CLEANOUTS AFTER INSPECTION AND BEFORE GROUTING, AND MECHANICALLY VIBRATE ALL GROUT POURS.
- f. VERTICAL BAR POSITIONING: VERTICAL REINFORCING SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT INTERVALS NOT TO EXCEED 162 BAR DIAMETERS. EVERY VERTICAL BAR IN WALLS SHALL BE LAPPED PER THE SPECIFIED TABLE WITH A DOWEL OF THE SAME SIZE EXTENDING FROM THE FOUNDATION.
- g. EMBEDDED ITEMS: ALL EMBEDDED ITEMS (BOLTS, STRAPS, ETC.) SHALL BE SECURED IN PLACE PRIOR TO GROUTING. CUT A HOLE IN THE FACE SHELL TO ATTAIN A MINIMUM OF 1/2" GROUT ALL AROUND EMBEDDED ITEMS, WITHIN THE CELL OF THE UNIT. PROVIDE A MINIMUM OF 8" OF GROUT AROUND EMBEDDED ITEMS. MAINTAIN A MINIMUM CLEAR DISTANCE OF 1/2" BETWEEN THE END OF HORIZONTAL ANCHORS AND THE FACE SHELL OF THE UNIT.
- h. CONDUITS: SINGLE CONDUITS (3/4" MAX) MAY BE PLACED IN VERTICAL CELLS NOT CONTAINING VERTICAL REBAR. NO HORIZONTAL CONDUITS ARE ALLOWED IN WALL CONSTRUCTION.
- i. ANCHOR BOLTS: ANCHOR BOLTS CAST IN MASONRY SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM F1554 GRADE 36, OR ASTM A307 GRADE A, UNLESS OTHERWISE NOTED. BENT BAR ANCHOR BOLTS ARE NOT PERMITTED.
- j. CONSTRUCTION BOND: USE OPEN END BLOCK FOR ALL CONSTRUCTION NOT LAID IN RUNNING BOND.
- k. LAP SPICING: ALL REBAR SHALL BE LAP SPICED AND DEVELOPED AS SPECIFIED. WHERE EPOXY-COATED REBAR IS USED, MULTIPLY LAP LENGTHS BY 1.5. BARS LARGER THAN #8 ARE TO BE LAPPED WITH MECHANICAL SPICES THAT DEVELOP AT LEAST 125% OF THE YIELD STRENGTH OF THE BAR.
- E. INSPECTION & QUALITY CONTROL:
- a. GROUTING INSPECTION: ALL GROUTING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED INSPECTOR WHERE INDICATED ON PLANS. REFER TO THE SPECIAL STRUCTURAL INSPECTION SECTION OF THESE NOTES FOR FREQUENCY OF GROUTING INSPECTION.
- b. CONSTRUCTION JOINTS: WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS OR KEYS SHALL BE FORMED BY STOPPING THE POUR OF GROUT 1'-1/2" BELOW THE TOP OF THE UPPERMOST UNIT.

2
S005
CMU WALL DETAILS
1" = 1'-0"



- NOTES: UNLESS NOTED OTHERWISE:
- AT POINTS WHERE CONCRETE MASONRY WALL MEET OR INTERSECT, LAY 50% OF UNITS IN MASONRY BOND W/ ALTERNATE UNITS HAVING A BEARING NOT LESS THAN 4" ON THE UNIT BELOW.
 - PROVIDE DOWELS FROM CONCRETE FOOTING OR WALL BELOW W/ SAME SIZE & SPACING AS VERT. BARS AS LEVEL BELOW. LAP 50 BAR DIAMETERS MINIMUM.
 - PROVIDE ADDITIONAL REINF: GROUTED CELLS IN WALL WHICH EXCEED 8" NOMINAL WIDTH - FULL GROUT & REINF W/ #5 BARS.

TYPICAL OPENING		
SEE ARCH. DWG'S.		
NOTE: UNLESS NOTED OTHERWISE 1. SEE SCHEDULE FOR REINF		
OPENING SIZE (UP TO & INCLUDING)	U-BLOCK SIZE & REINF	END JAMBS & REINF
4'-0"	8" U-BLOCK 1-#4 CONT BOT	MATCH WALL BLOCK 2-#4 VERT
6'-0"	8" U-BLOCK 2-#4 CONT BOT	MATCH WALL BLOCK 2-#4 VERT
9'-0"	16" U-BLOCK 2-#6 CONT BOT	MATCH WALL BLOCK 2-#5 VERT
11'-0"	16" U-BLOCK 2-#6 CONT TOP & BOT	MATCH WALL BLOCK 2-#6 VERT
NOTES: UNLESS NOTED OTHERWISE: 1. ALL OPENINGS AND RECESS IN MASONRY WALLS TO HAVE BOND BEAMS AS CALLED FOR 2. BOTTOM OF LINTELS SHALL BE CONTINUOUS AND IN BOTTOM OF U-BLOCK 3. KNOCK-OUT BLOCKS ARE PERMITTED TO BE USED IN PLACE OF U-BLOCK 4. U-BLOCK LINTELS TO EXTEND MINIMUM 1 COURSE BEYOND OPENING		



3
S005
SCHEDULE - CMU SPLICE
12" = 1'-0"

CMU SPLICE & DEVELOPMENT LENGTHS ($F'm = 1500$ PSI)

BAR SIZE	FY (KSI)	g	4" CMU		8" CMU		10" CMU		12" CMU	
			CENTER	EF	CENTER	EF	CENTER	EF	CENTER	EF
#3	60	1.0	16"	-	16"	16"	16"	16"	16"	16"
#4	60	1.0	21"	-	21"	26"	21"	26"	21"	26"
#5	60	1.0	32"	-	26"	40"	26"	40"	26"	40"
#6	60	1.3	54"	-	43"	54"	43"	54"	43"	54"
#7	60	1.3	-	-	60"	-	60"	63"	60"	63"
#8	60	1.5	-	-	-	-	72"	-	72"	72"

CMU SPLICE & DEVELOPMENT LENGTHS ($F'm = 2000$ PSI)

BAR SIZE	FY (KSI)	g	6" CMU		8" CMU		10" CMU		12" CMU	
			CENTER	EF	CENTER	EF	CENTER	EF	CENTER	EF
#3	60	1.0	14"	-	14"	14"	14"	14"	14"	14"
#4	60	1.0	18"	-	18"	22"	18"	22"	18"	22"
#5	60	1.0	28"	-	22"	35"	22"	35"	22"	35"
#6	60	1.3	53"	-	38"	54"	38"	54"	38"	54"
#7	60	1.3	-	-	52"	-	52"	63"	52"	63"
#8	60	1.5	-	-	-	-	72"	-	72"	72"

4
S005
CMU WALL SCHEDULE
1/2" = 1'-0"

SYMBOL	SIZE	SHEATHING / CLADDING	HORIZ REINF [H]	[H] REINF SPACING (IN)	VERT REINF [V]	[V] REINF SPACING (IN)	GROUTED SPACING (IN)	COMMENTS
CMU1	8x16 NOMINAL	SEE ARCH	LM	48"	#5	EA CELL	24"	
CMU2	8x16 NOMINAL	SEE ARCH	LM	48"	#5	EA CELL	24"	

- NOTE: UNLESS NOTED OTHERWISE
- VERT REINF FOR CMU WALLS TO BE L-BAR EXTENDING TO BOT MAT OF CONC FOUNDATIONS, TYP SPLICE
 - HORIZ REINF BASIS OF DESIGN IS HOHMANN & BARNARD INC.
 - LM = LADDER MESH
 - LTM = LADDER TRIMESH
 - TM = TRUSS MESH
 - TTM = TRUSS TRI-MESH

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

WDG Project No:

SHEET NAME

TYP DETAILS & SCHED - CMU

SHEET NO.

S005

NOT FOR CONSTRUCTION

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME
TYP DETAILS & SCHED - STEEL

SHEET NO.

S006

1
S006
1 1/2" = 1'-0"

SINGLE PL CONNECTIONS

HSS WIDTH	WT
≤ 3"	PLATE AS SPEC'D
4"	WT4x7.5
5"	WT4x7.5
6"	WT4x10.5
7"	WT4x12
≥ 8"	WT4x12

BOLT GRADE	n	L	THREAD COND.	HOLE TYPE	PL THICKNESS	WELD SIZE A	ASD	LRFD
A325	12	35 1/2"	N	STD	5/16"	1/4"	125	188
A325	11	32 1/2"	N	STD	5/16"	1/4"	115	173
A325	10	29 1/2"	N	STD	5/16"	1/4"	126	157
A325	9	26 1/2"	N	STD	5/16"	1/4"	94.8	142
A325	8	23 1/2"	N	STD	5/16"	1/4"	84.7	127
A325	7	20 1/2"	N	STD	5/16"	1/4"	72.1	108
A325	6	17 1/2"	N	STD	5/16"	1/4"	59.3	89.1
A325	5	14 1/2"	N	STD	5/16"	1/4"	54.1	81.3
A325	4	11 1/2"	N	STD	5/16"	1/4"	41.5	62.5
A325	3	8 1/2"	N	STD	5/16"	1/4"	28.8	43.4
A325	2	5 1/2"	N	STD	5/16"	1/4"	16.5	24.8

2
S006
1 1/2" = 1'-0"

TYP DETAIL - HSS COL TO WF BM1

NOTE:
1. THIS DETAIL MAY BE INVERTED AND USED AS A COLUMN TO TRANSFER BEAM DETAIL.

3
S006
3" = 1'-0"

TYP DETAIL - ANCHOR BOLT

9
S006
3" = 1'-0"

TYP DETAIL - TYP BASE PLATE

5
S006
1" = 1'-0"

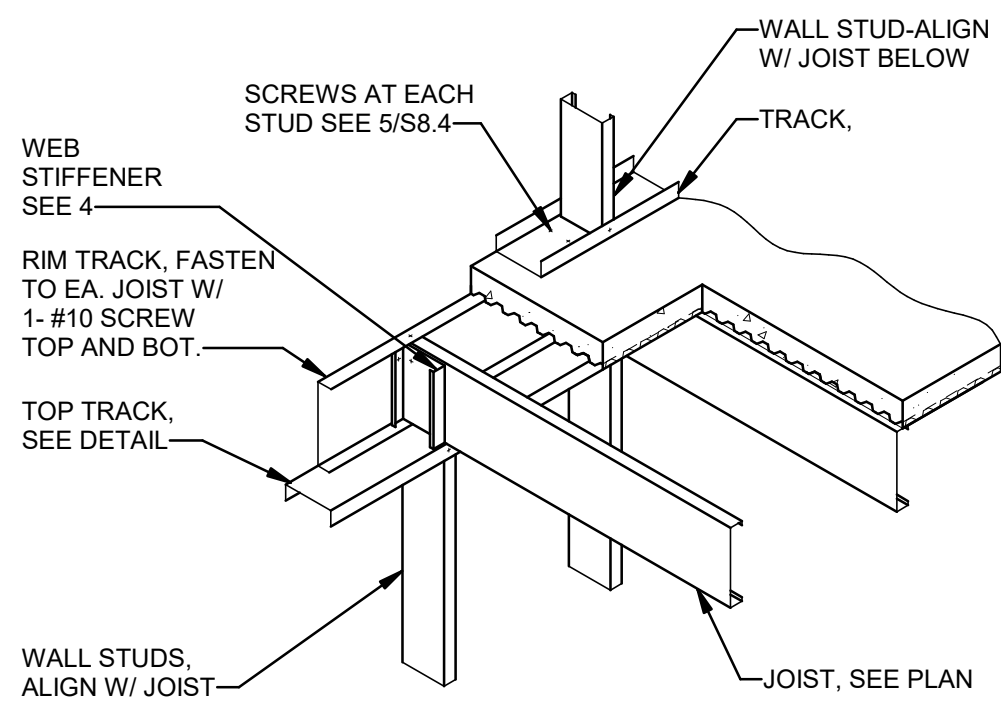
TYP DETAIL - WOOD NAILERS

4
S006
1 1/2" = 1'-0"

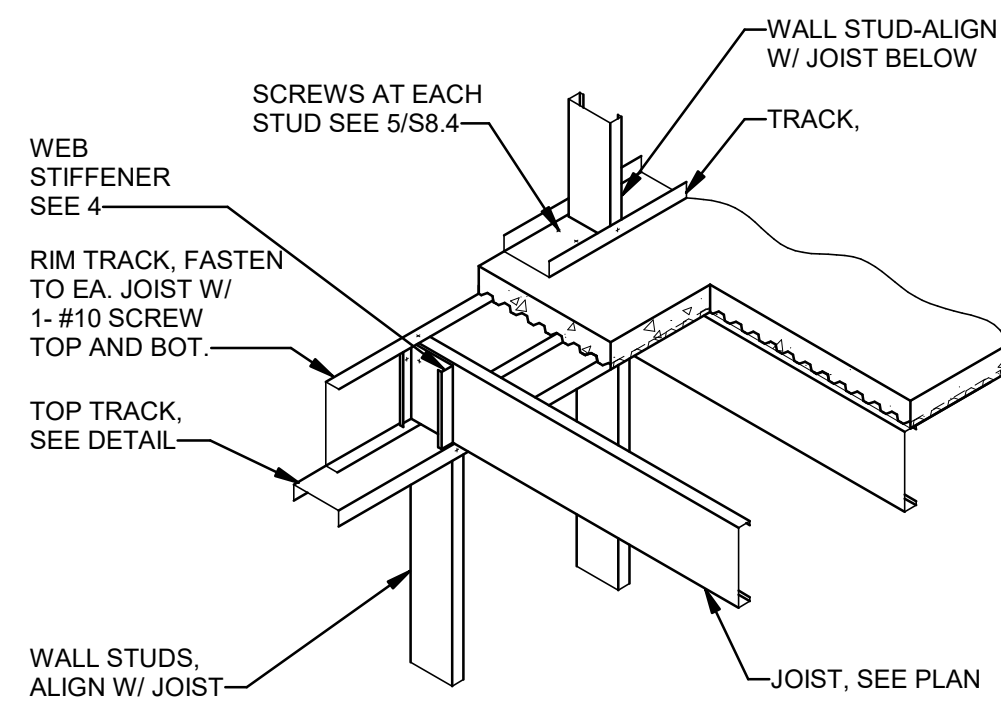
TYP DETAIL - DOUBLE ANGLE BOLTED CONNECTION

NOTES:
1. WHERE BEAMS AND GIRDERS FRAME INTO A W8 COLUMN OR THE WEB OF A W10 COLUMN, ANGLE SIZE 3x3/SAME THICKNESS SHALL BE USED AND g1 SHALL BE DECREASED 1 1/2" TYPICALLY.
2. FOR CHANNEL CONNECTIONS, USE ANGLE AND BOLTS FOR SIMILAR DEPTH BEAM SHOWN BELOW.
3. FOR ANGLES 0° TO 14° FROM PERPENDICULAR, ANGLES SHALL BE BENT.
4. FOR ANGLES 14° TO 33.7° FROM PERPENDICULAR, PROVIDE 2 BENT PLATES 3/8"x AS REQ'D. BY GEOMETRY (PROVIDE MIN. 3" WELD).
5. FOR ANGLES 33.7° TO 71.6° FROM PERPENDICULAR, PROVIDE 1 BENT PLATE 3/8"x AS REQ'D. BY GEOMETRY (PROVIDE MIN. 3" WELD).
6. LEG SHALL BE ADJUSTED WHERE REQUIRED BY GEOMETRY.
7. BENDING REQUIREMENTS: FOR GRADE 30 STEEL WITH THICKNESS 1/2" INCH OR LESS AND BEND ANGLES 15 DEGREES OR LESS, COLD BENDING IS PERMITTED. FOR ALL OTHER CONDITIONS, USE HOT BENDING. IF ANY SIGNS OF STRAIN HARDENING ARE OBSERVED DURING COLD BENDING, RE-BEND USING HEAT.

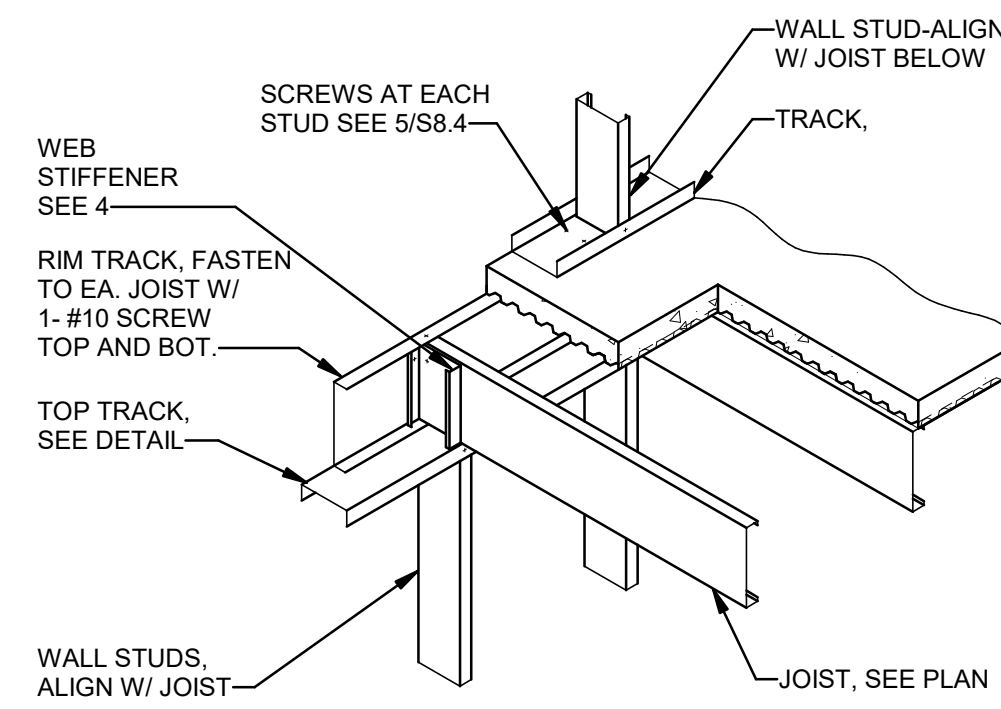
ANGLES 0° TO 33.7°							ANGLES 33.7° TO 71.6°	
BM DEPTH	ANGLE SIZE	L	n	G	WELD A	BOLT DIAMETER	L	n
C8, C10, W8, & W10	L4x3-1/2x5/16	5-1/2"	2	5-1/2"	3/16"	3/4"	5-1/2"	2
C12 & W12	L4x3-1/2x5/16	8-1/2"	3	5-1/2"	3/16"	3/4"	8-1/2"	3
W14	L4x3-1/2x5/16	8-1/2"	3	5-1/2"	3/16"	3/4"	11-1/2"	4
W16	L4x3-1/2x5/16	11-1/2"	4	5-1/2"	3/16"	3/4"	11-1/2"	4
W18	L4x3-1/2x5/16	14-1/2"	5	5-1/2"	3/16"	3/4"	14-1/2"	5
W21	L4x3-1/2x5/16	14-1/2"	5	5-1/2"	3/16"	3/4"	17-1/2"	6
W24	L4x3-1/2x5/16	17-1/2"	6	5-1/2"	3/16"	3/4"		
W27	L4x3-1/2x5/16	20-1/2"	7	5-1/2"	1/4"	3/4"		
W30	L4x3-1/2x3/8	23-1/2"	8	5-1/2"	1/4"	3/4"		
W33	L4x3-1/2x3/8	26-1/2"	9	5-1/2"	1/4"	3/4"		
W36	L4x3-1/2x3/8	29-1/2"	10	5-1/2"	1/4"	3/4"		
W40	L4x3-1/2x3/8	32-1/2"	11	5-1/2"	1/4"	3/4"		



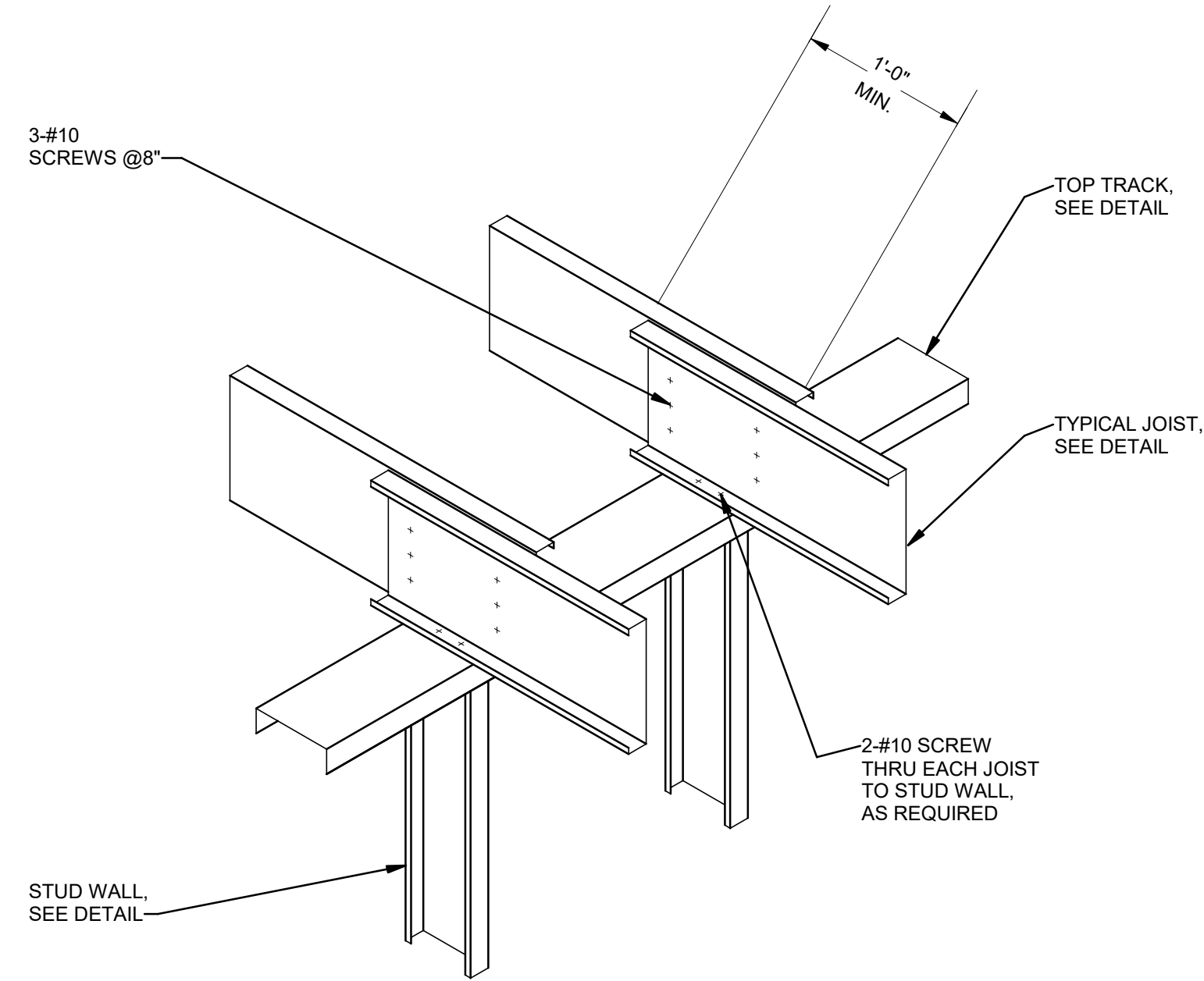
1 JOIST FRAMING AT EXTERIOR WALL
S007 1/2" = 1'-0"



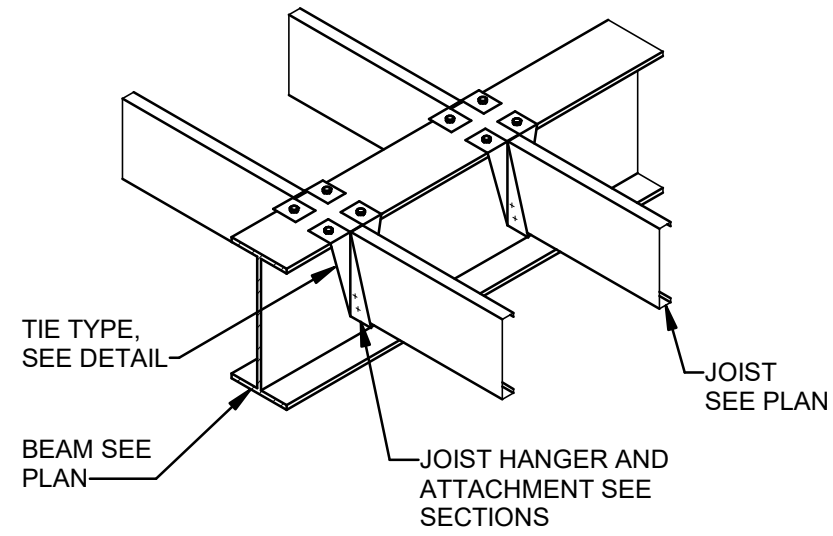
2 JOIST FRAMING PARALLEL TO EXTERIOR WALL
S007 1/2" = 1'-0"



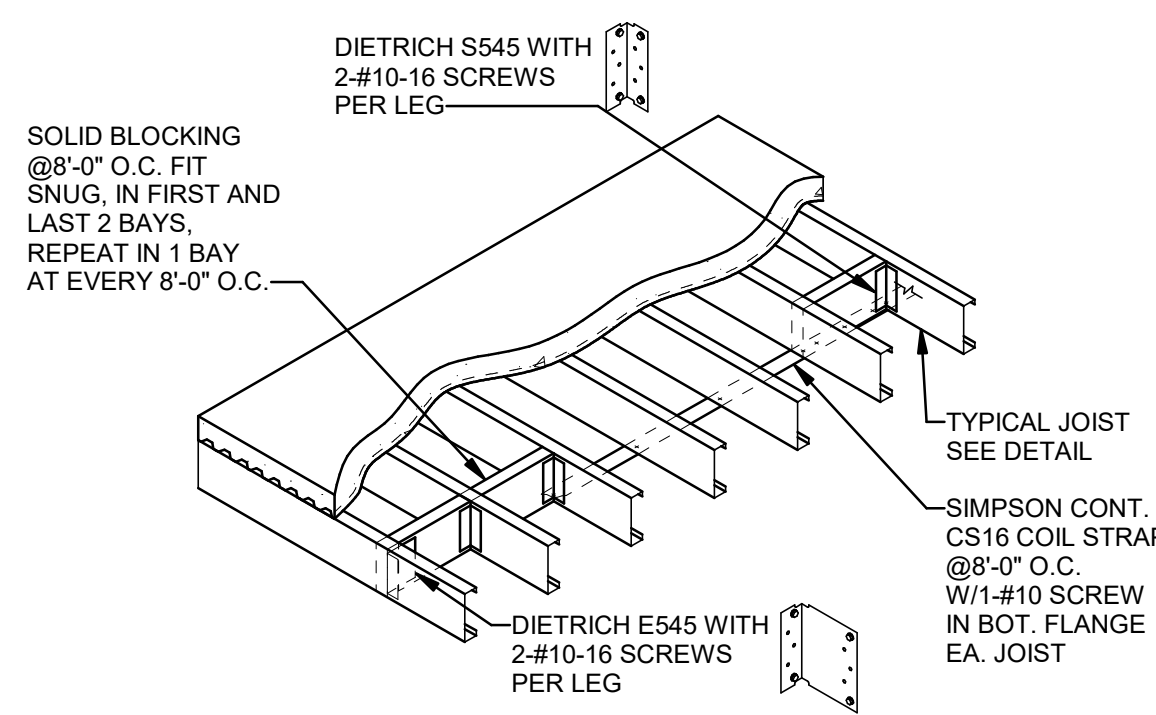
4 JOIST FRAMING SUPPORTED BY STUD WALLS
S007 1/2" = 1'-0"



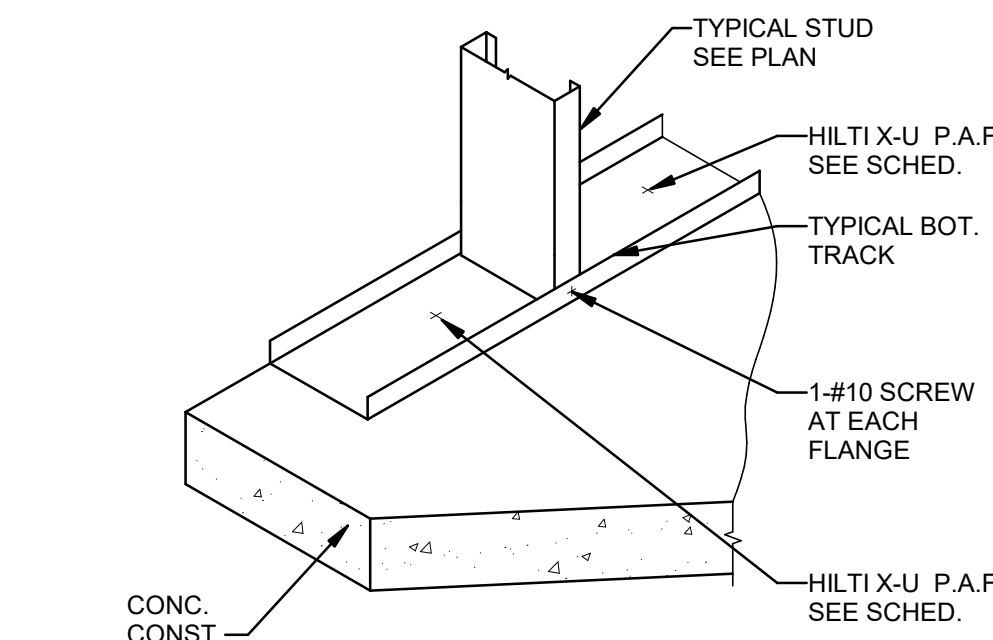
3 JOIST FRAMING SUPPORTED BY STUD
S007 1\" = 1'-0"



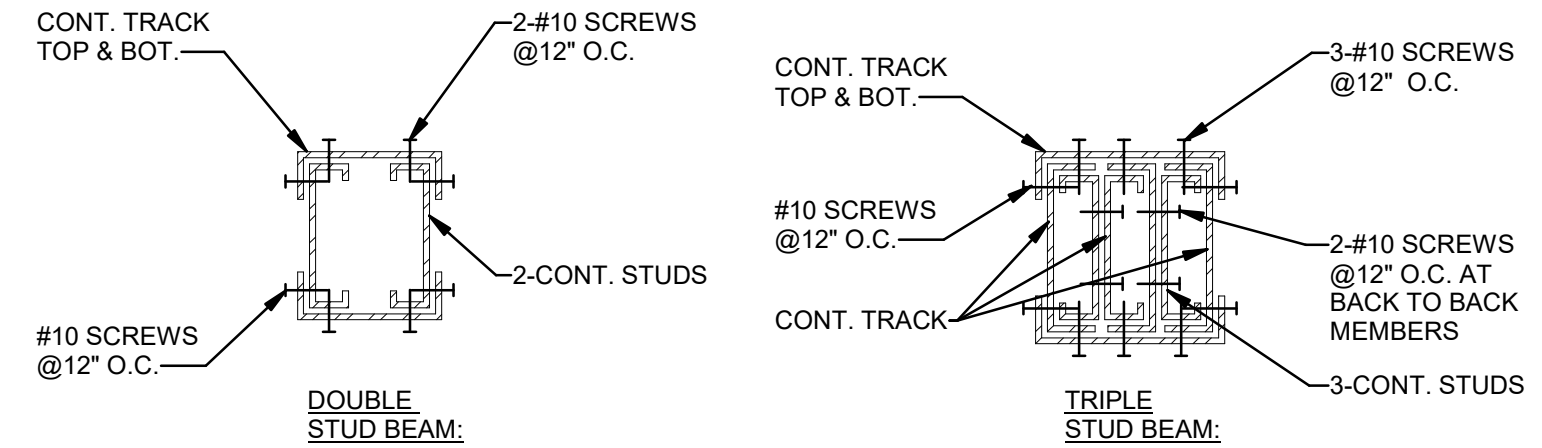
5 JOIST AT WIDE FLANGE BEAM
S007 1/2" = 1'-0"



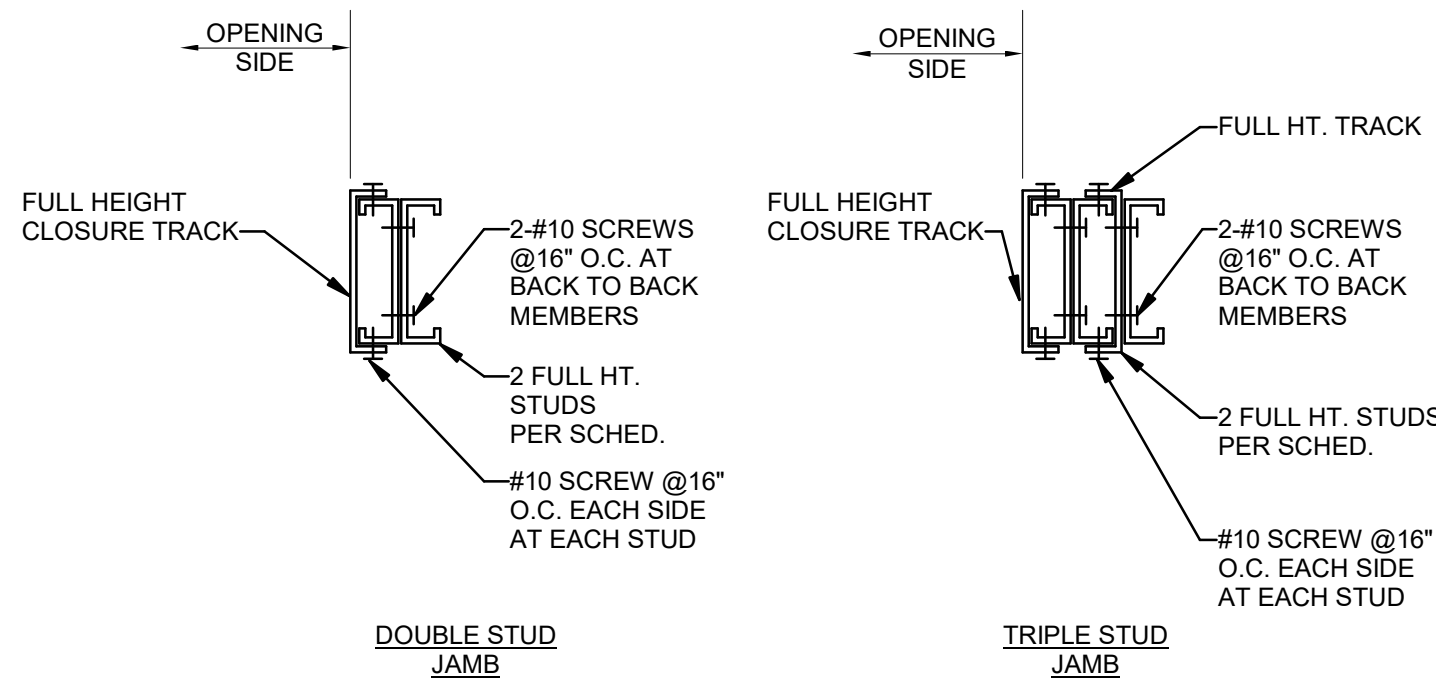
6 BLOCK AND STRAP DETAIL
S007 1/2" = 1'-0"



7 DETAIL-TYPICAL TRACK TO CONCRETE
S007 3/4\" = 1'-0"



8 DETAIL-BOX BEAM
S007 1 1/2\" = 1'-0"



9 DETAIL-TYPICAL JAMBS
S007 3/4\" = 1'-0"

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

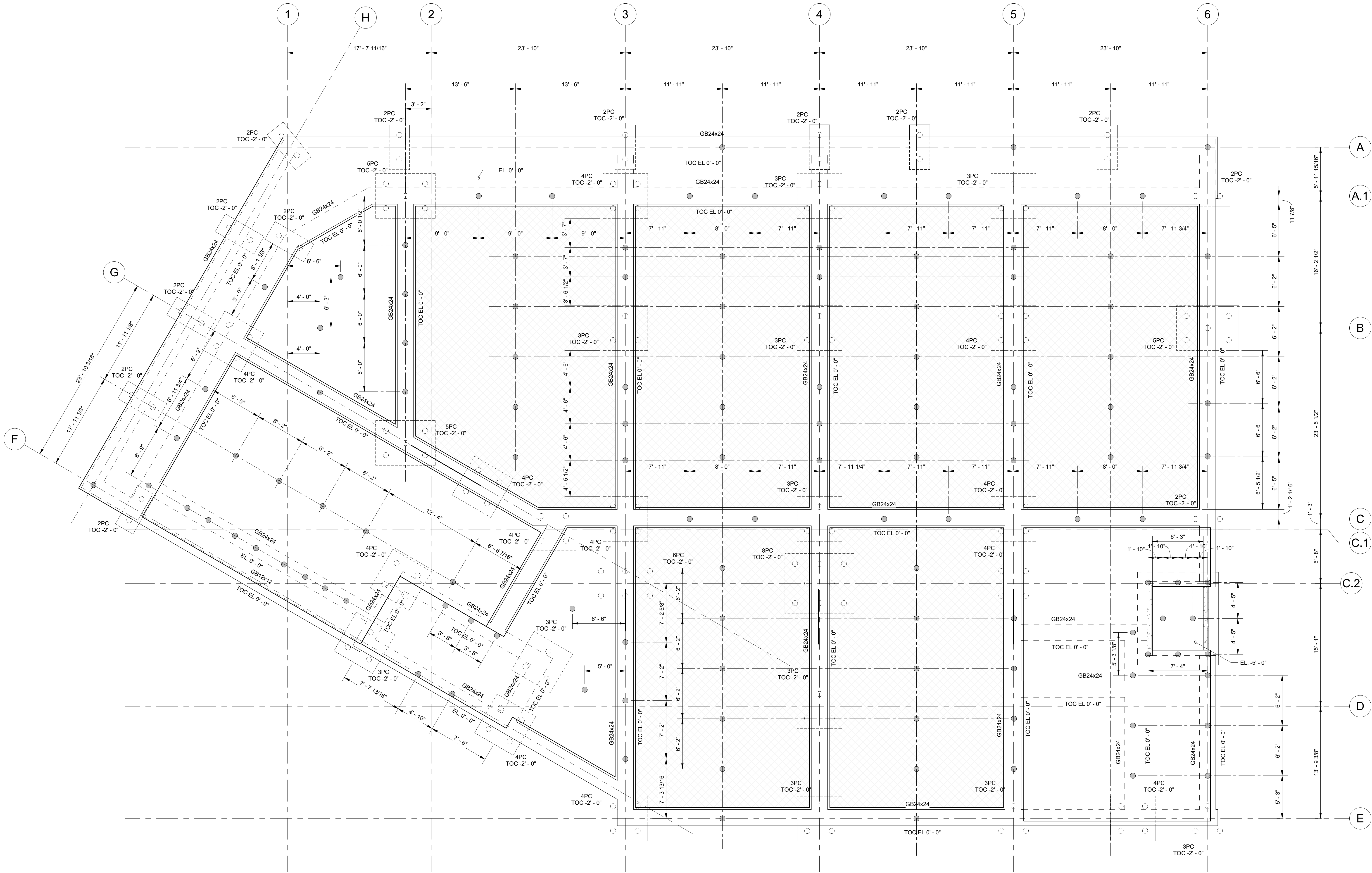
WDG Project No:

SHEET NAME

TYP DETAILS & SCHED - CFMF

SHEET NO.

S007



1 01-FOUNDATION PLAN
S101 3/16" = 1'-0"

PILE SCHEDULE	
PILE TYPE	COUNT
8"Ø SINGLE PILE	257

GENERAL NOTES

SHEET NOTES

- PLAN NOTES - UNLESS NOTED OTHERWISE**
- TOC EL IS 0'-0". SEE SURVEY FOR ACTUAL DATUM.
 - 6" CONCRETE SLAB THROUGHOUT. SEE PLAN FOR MAIN REINFORCING. PROVIDE #3@12" OC TEMPERATURE REINFORCING ON TOP OF AND PERPENDICULAR TO MAIN BOTTOM REINFORCING. REFER TO SECTIONS, DETAILS, SCHEDULES, ETC. FOR ADDITIONAL REINFORCING NOT CALLED OUT ON PLAN. SEE GEN NOTES/TYP DETAILS FOR VAPOR BARRIER REQUIREMENTS.
 - FOR PILE LOCATIONS, SEE PILE PLAN.
 - REFER TO ARCH DRAWINGS FOR FLOOR FINISHING REQUIREMENTS.
 - DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. VERIFY ALL DIMENSIONS WITH ARCH DWGS.



LEGEND

NEW CONCRETE WALLS ABOVE/BELOW, SEE TAG & SCHED	
NEW WOOD STUD WALLS ABOVE/BELOW, SEE TAG & SCHED	
NEW MASONRY WALLS ABOVE/BELOW, SEE TAG & SCHED	
WALL TYPE, W1, SEE SCHED	
GRADE BEAM, 24" WIDE x 18" DEEP, SEE SCHED FOR REINF	GB24x18
FULL MOMENT BEAM SPLICE, UNO	
MOMENT CONNECTION	
SINGLE PILE, VISIBLE/HIDDEN, SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT OFF ELEVATIONS	
SLAB DEPRESSION (SEE PLAN FOR EL)	
SLOPE CHANGE (SEE PLAN FOR EL)	
DENOTES BRACING BELOW CURRENT FLOOR ON COLUMN LINE A, SECOND LEVEL, COUNT 1. SEE ELEVATIONS FOR DETAILS	
SYMBOL DENOTES 8'-0" LONG SHEARWALL, COLUMN LINE A, SECOND LEVEL, COUNT 1. SMALL ARROWS INDICATE SIDES TO BE SHEATHED. SEE SHEARWALL SCHED FOR DETAILS	
ALL SHEAR WALLS AND PERIMETER WALLS SHALL RECEIVE BOUNDARY NAILING. SYMBOL DENOTES OTHER LINES OF BOUNDARY NAILING. FOR FLOOR SYSTEMS PARALLEL TO BOUNDARY LINE, ALIGN AN ADD'L FLOOR MEMBER WITH THE BOUNDARY LINE. FOR FLOOR SYSTEMS PERPENDICULAR TO THE BOUNDARY LINE, ADD BLOCKING. FASTEN WALL TO FRAMING WITH CMST STRAP AS NOTED ON PLAN.	

KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

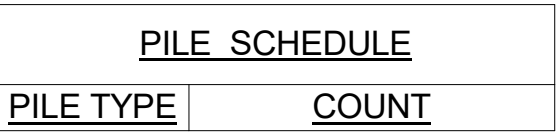
WDG Project No:

SHEET NAME

PLANS - FOUNDATION PLAN

SHEET NO.

S101



1 S102

GENERAL NOTES

SHEET NOTES

PLAN NOTES: UNLESS NOTED OTHERWISE

1. TOC EL $\pm$ 0'-0". SEE SURVEY FOR ACTUAL DATUM.
2. 6" CONCRETE SLAB THROUGHOUT. SEE PLAN FOR MAIN REINFORCING. PROVIDE #3@2' OC TEMPERATURE REINFORCING ON TOP OF AND PERPENDICULAR TO MAIN BOTTOM REINFORCING. REFER TO SECTIONS, DETAILS, SCHEDULES, ETC. FOR ARCH REINFORCING NOT CALLED OUT ON PLAN. SEE GEN NOTES/TYP DETAILS FOR VAPOR BARRIER REQUIREMENTS
3. FOR PILE LOCATIONS, SEE PILE PLAN
4. REFER TO ARCH DRAWINGS FOR FLOOR FINISHING REQUIREMENTS
5. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY, VERIFY ALL DIMENSIONS WITH ARCH DWGS



LEGEND

NEW CONCRETE WALLS ABOVE/ BELOW. SEE TAG & SCHED	
NEW WOOD STUD WALLS ABOVE/ BELOW. SEE TAG & SCHED	
NEW MASONRY WALLS ABOVE/ BELOW. SEE TAG & SCHED	
WALL TYPE, W1. SEE SCHED	
GRADE BENCH, 24" WIDE x 18" DEEP. SEE SCHED FOR REINF	GB24x18
FULL MOMENT BEAM SPLICE, UNO	
MOMENT CONNECTION	
SINGLE PILE, VISIBLE/HIDDEN. SEE SECTION NOTES. SEE SECTIONS AND DETAILS FOR CUT OFF ELEVATIONS	
SLAB DEPRESSION (SEE PLAN FOR EL)	
SLAB CHANGE (SEE PLAN FOR EL)	

DENOTES BRACING BELOW CURRENT FLOOR ON COLUMN
 LINE A, SECOND LEVEL, COUNT 1. SEE ELEVATIONS FOR
 DETAILS

SYMBOL DENOTES 8'-0" LONG SHEARWALL, COLUMN LINE A
SECOND LEVEL, COUNT 1. SMALL ARROWS INDICATE SIDES
TO BE SHEATHED. SEE SHEARWALL SCHED FOR DETAILS

ALL SHEAR WALLS AND PERIMETER WALLS SHALL RECEIVE BOUNDARY NAILING. SYMBOL DENOTES OTHER LINES OF BOUNDARY NAILING. FOR FLOOR SYSTEMS PARALLEL TO BOUNDARY LINE, ALIGN AN ADD'L FLOOR MEMBER WITH THE BOUNDARY LINE. FOR FLOOR SYSTEMS PERPENDICULAR TO THE BOUNDARY LINE, ADD BLOCKING. FASTEN WALL TO FRAMING WITH CMST STRAP AS NOTED ON PLAN.

KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

[illegible]

REVISIONS

[illegible]

NOT FOR CONSTRUCTION

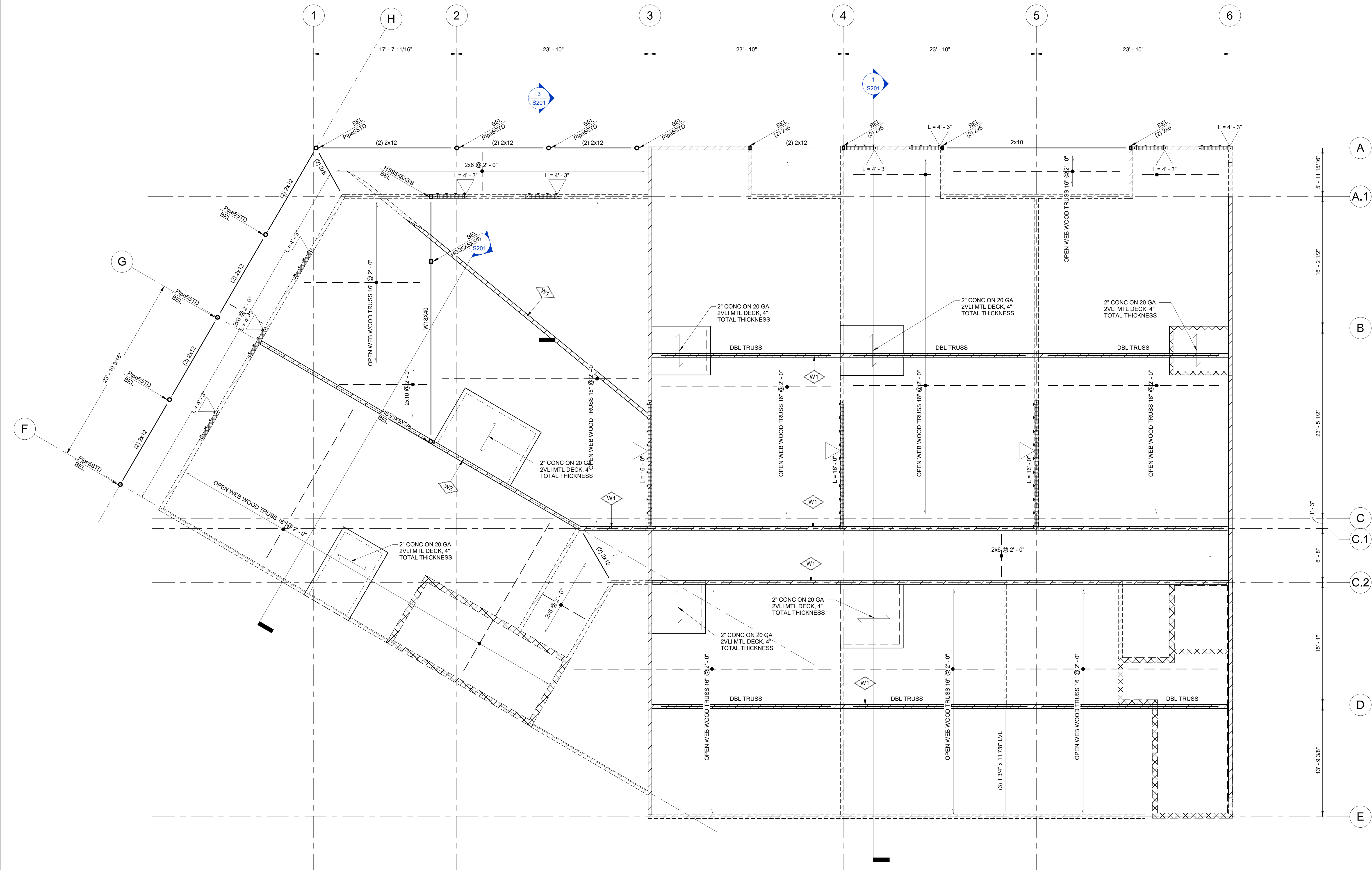
WDG Project No:

SHEET NAME

**PLANS - FIRST FLOOR
FRAMING**

SHEET NO.

S102



1
S104

03-ATTIC FRAMING PLAN
3/16" = 1'-0"

GENERAL NOTES

SHEET NOTES

- PLAN NOTES: UNLESS NOTED OTHERWISE**
- FLOOR EL 27'-0". SEE SURVEY AND/OR ARCH DRAWINGS FOR ACTUAL DATUM.
 - FLOOR SYSTEM TO CONSIST OF 3/4" THICK APA RATED STRUCTURAL PLYWOOD ON WOOD FRAMING AS INDICATED ON PLAN. PLYWOOD SHEATHING TO BE INSTALLED PER SHEATHING SCHEDULES AND DETAILS. PROVIDE BLOCKING AT FLOOR SHEATHING PANEL EDGES.
 - NOTE TO WOOD TRUSS MFR: WHERE SHEAR WALLS AND LOAD BEARING WALLS DO NOT ALIGN, TRUSSES SHALL BE DESIGNED FOR TENSION AND COMPRESSION PT LOADS SHOWN ON PLAN AND IN SHEARWALL SCHEDULE.
 - DIMENSIONS SHOWN ARE FOR REFERENCE ONLY, VERIFY ALL DIMENSIONS WITH ARCH DWGS



LEGEND

NEW CONCRETE WALLS ABOVE/BELOW, SEE TAG & SCHED	
NEW WOOD STUD WALLS ABOVE/BELOW, SEE TAG & SCHED	
NEW MASONRY WALLS ABOVE/BELOW, SEE TAG & SCHED	
WALL TYPE, W1, SEE SCHED	
GRADE BEAM, 24" WIDE x 18" DEEP, SEE SCHED FOR REINF	GB24x18
FULL MOMENT BEAM SPICE, UNO	
MOMENT CONNECTION	
SINGLE PILE, VISIBLE/HIDDEN, SEE GENERAL NOTES, SEE SECTIONS AND DETAILS FOR CUT OFF ELEVATIONS	
SLAB DEPRESSION (SEE PLAN FOR EL)	
SLOPE CHANGE (SEE PLAN FOR EL)	

DENOTES BRACING BELOW CURRENT FLOOR ON COLUMN LINE A, SECOND LEVEL, COUNT 1. SEE ELEVATIONS FOR DETAILS

SYMBOL DENOTES 8'-0" LONG SHEARWALL, COLUMN LINE A, SECOND LEVEL, COUNT 1. SMALL ARROWS INDICATE SIDES TO BE SHEATHED, SEE SHEARWALL SCHED FOR DETAILS

ALL SHEAR WALLS AND PERIMETER WALLS SHALL RECEIVE BOUNDARY NAILING. SYMBOL DENOTES OTHER LINES OF BOUNDARY NAILING. FOR FLOOR SYSTEMS PARALLEL TO BOUNDARY LINE, ALIGN AN ADD'L FLOOR MEMBER WITH THE BOUNDARY LINE. FOR FLOOR SYSTEMS PERPENDICULAR TO THE BOUNDARY LINE, ADD BLOCKING. FASTEN WALL TO FRAMING WITH CMST STRAP AS NOTED ON PLAN.

KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433
SCHEMATIC DESIGN

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

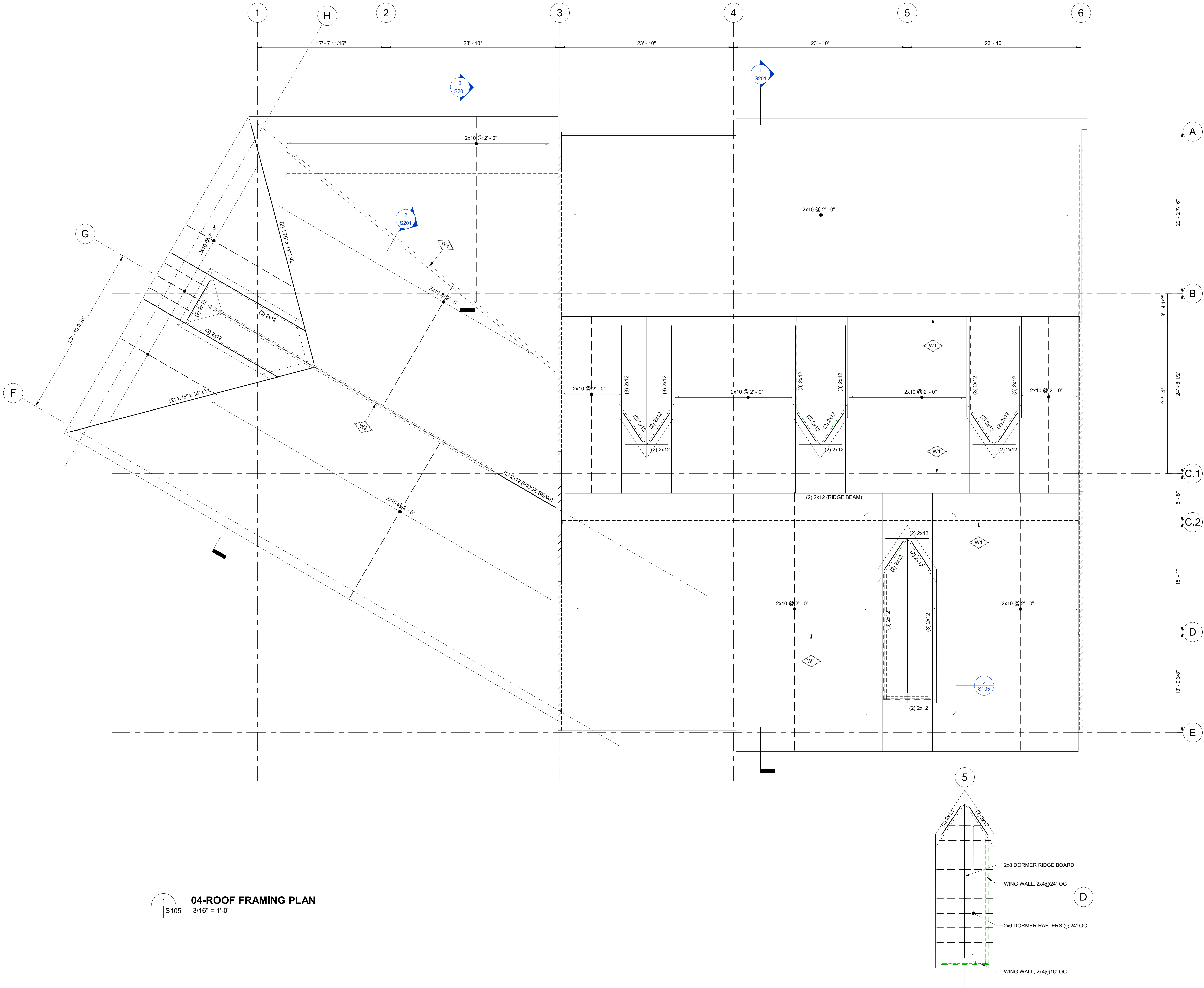
NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME
PLANS - ATTIC FRAMING PLAN

SHEET NO.

S104



1
S105 04-ROOF FRAMING PLAN
3/16" = 1'-0"

2
S105 TYP - DOEMER ROOF FRAMING PLAN
3/16" = 1'-0"

GENERAL NOTES

SHEET NOTES

- PLAN NOTES: UNLESS NOTED OTHERWISE**
1. ROOF EL VARIES. SEE PLAN. SEE SURVEY AND/OR ARCH DRAWINGS FOR ACTUAL DATUM.
 2. ROOF SYSTEM TO CONSIST OF 3/4" THICK APA RATED STRUCTURAL I PLYWOOD ON WOOD FRAMING AS INDICATED ON PLAN. PLYWOOD SHEATHING TO BE INSTALLED PER SHEATHING SCHEDULES AND DETAILS. PROVIDE BLOCKING AT FLOOR SHEATHING PANEL EDGES.
 3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. VERIFY ALL DIMENSIONS WITH ARCH DWGS



LEGEND

NEW CONCRETE WALLS ABOVE/ BELOW, SEE TAG & SCHED		
NEW WOOD STUD WALLS ABOVE/ BELOW, SEE TAG & SCHED		
NEW MASONRY WALLS ABOVE/ BELOW, SEE TAG & SCHED		
WALL TYPE, W1. SEE SCHED		
GRADE BEAM, 24" WIDE x 18" DEEP, SEE SCHED FOR REINF		GB24x18
FULL MOMENT BEAM SPICE, UNO		
MOMENT CONNECTION		
SINGLE PILE, VISIBLE/HIDDEN. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT OFF ELEVATIONS		
SLAB DEPRESSION (SEE PLAN FOR EL)		
SLOPE CHANGE (SEE PLAN FOR EL)		

DENOTES BRACING BELOW CURRENT FLOOR ON COLUMN
LINE A, SECOND LEVEL, COUNT 1. SEE ELEVATIONS FOR
DETAILS

SYMBOL DENOTES 8'-0" LONG SHEARWALL, COLUMN LINE A,
SECOND LEVEL, COUNT 1. SMALL ARROWS INDICATE SIDES
TO BE SHEATHED. SEE SHEARWALL SCHED FOR DETAILS

L = 8' - 0"

ALL SHEAR WALLS AND PERIMETER WALLS SHALL
RECEIVE BOUNDARY NAILING. SYMBOL DENOTES OTHER
LINES OF BOUNDARY NAILING. FOR FLOOR SYSTEMS
PARALLEL TO BOUNDARY LINE, ALIGN AN ADD'L FLOOR
MEMBER WITH THE BOUNDARY LINE. FOR FLOOR
SYSTEMS PERPENDICULAR TO THE BOUNDARY LINE, ADD
BLOCKING. FASTEN WALL TO FRAMING WITH CMST STRAP
AS NOTED ON PLAN.

REVISIONS

REVISIONS

KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

DATE ISSUED FOR

NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME

PLANS - ROOF FRAMING
PLAN

SHEET NO.

S105

HAGAN & BANKS
TERRA BELLA BUILDING-J

138 Terrabella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

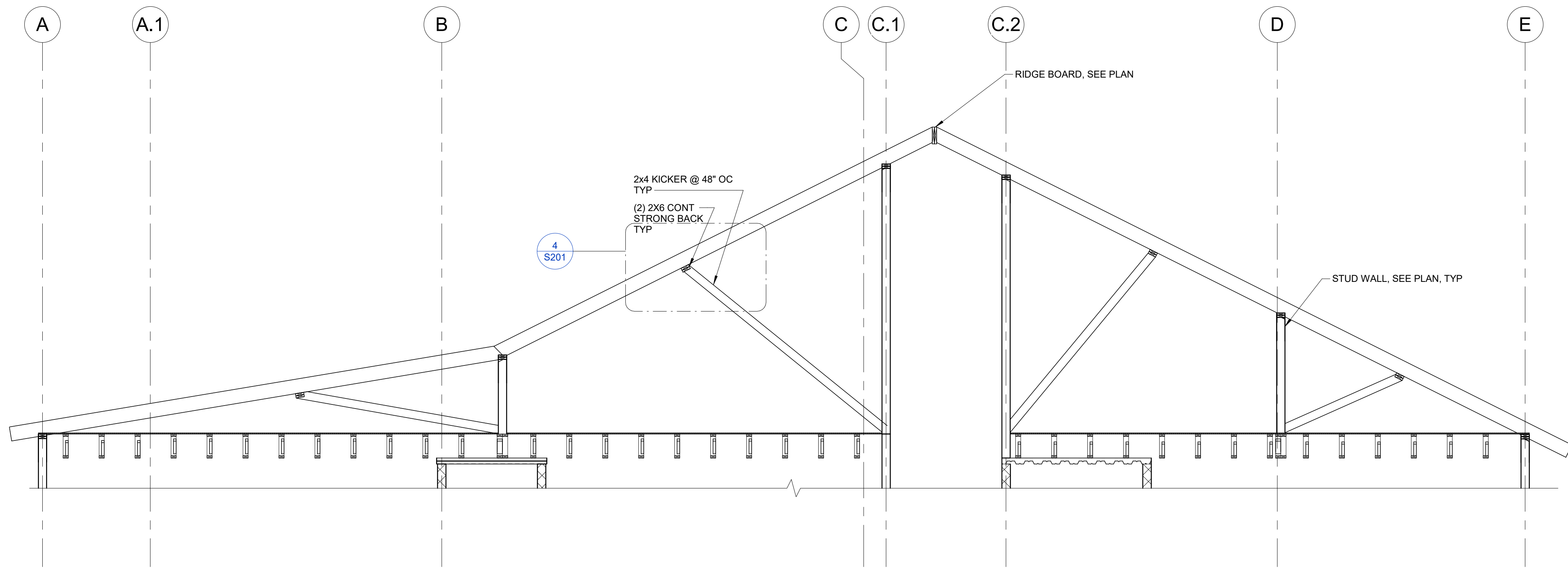
NOT FOR CONSTRUCTION

WDG Project No:

SHEET NAME
SECTIONS - FOUNDATION &
FIRST FLOOR

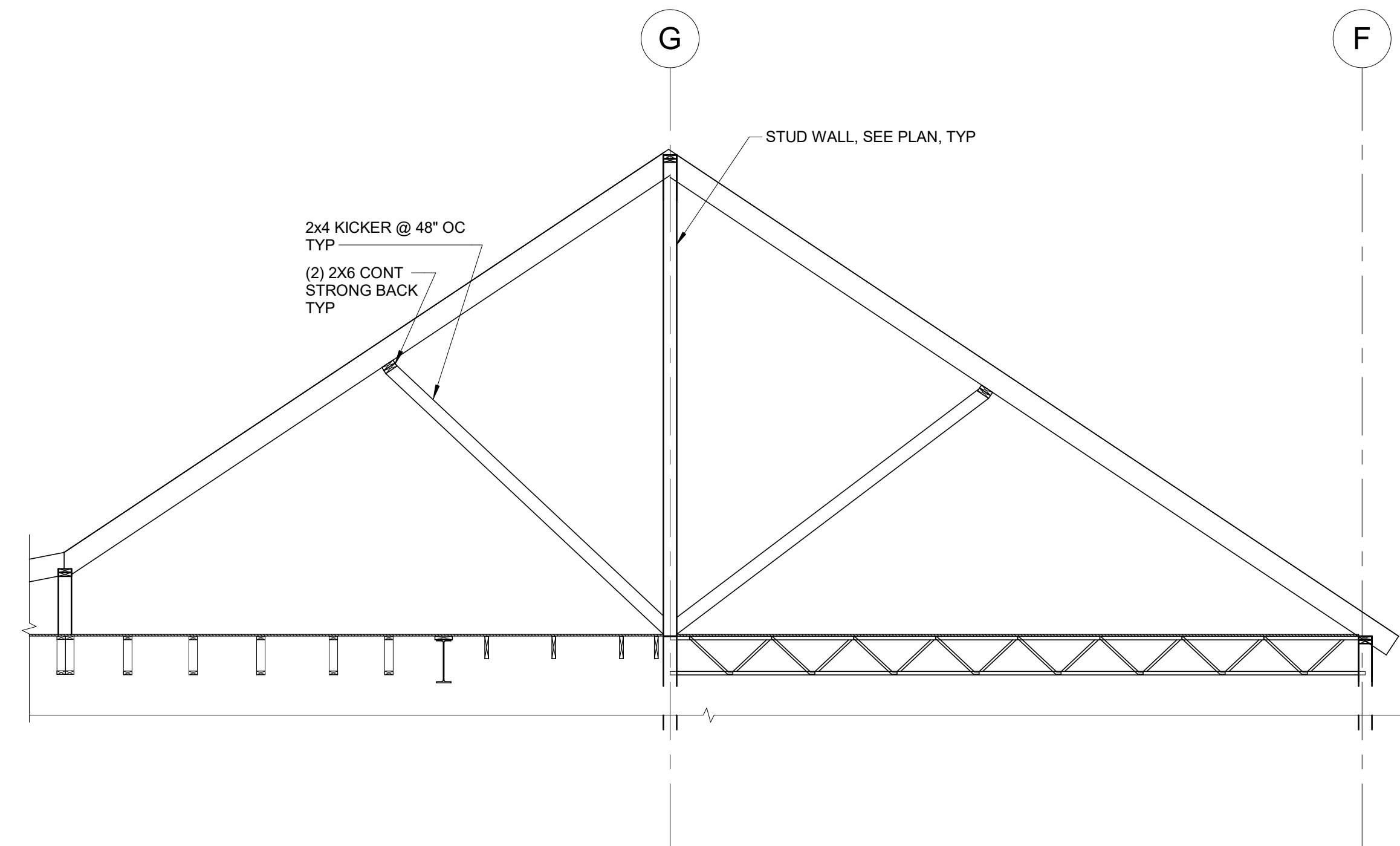
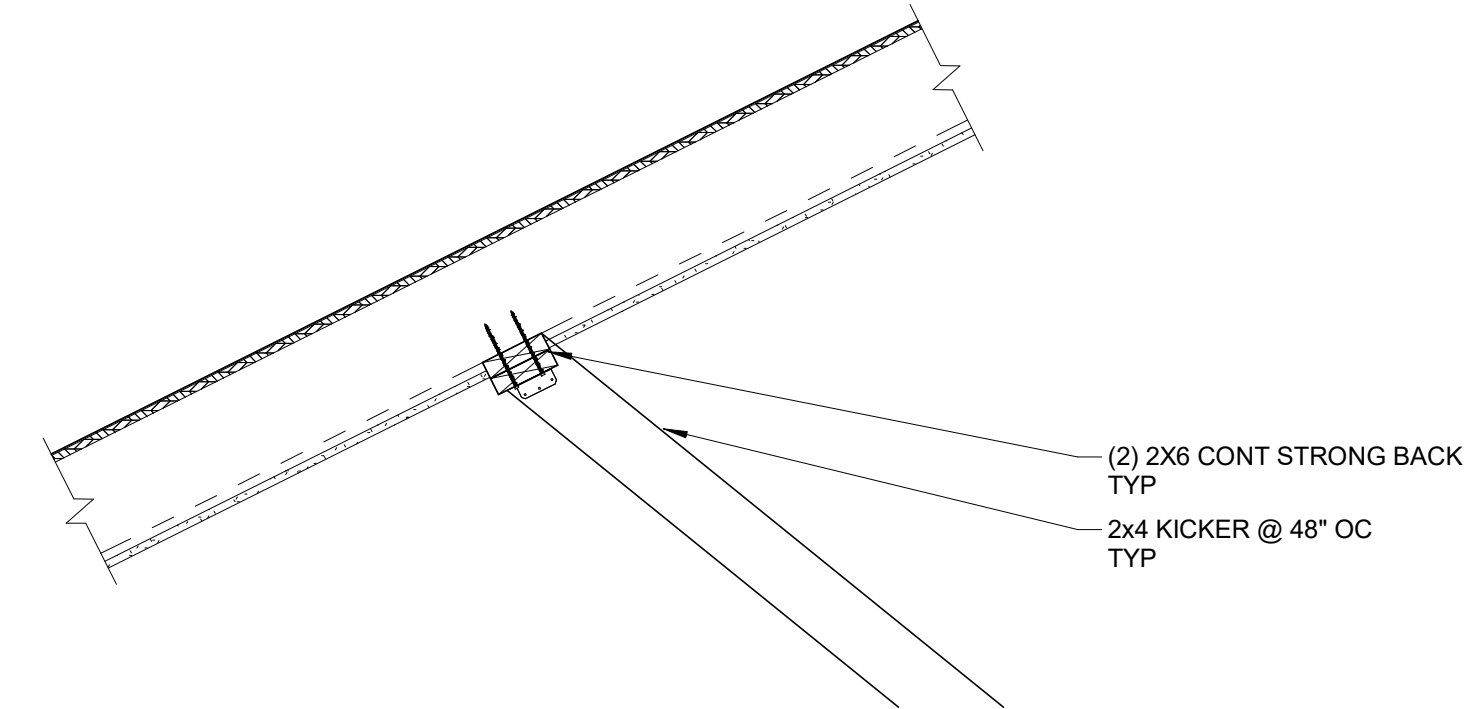
SHEET NO.

S201

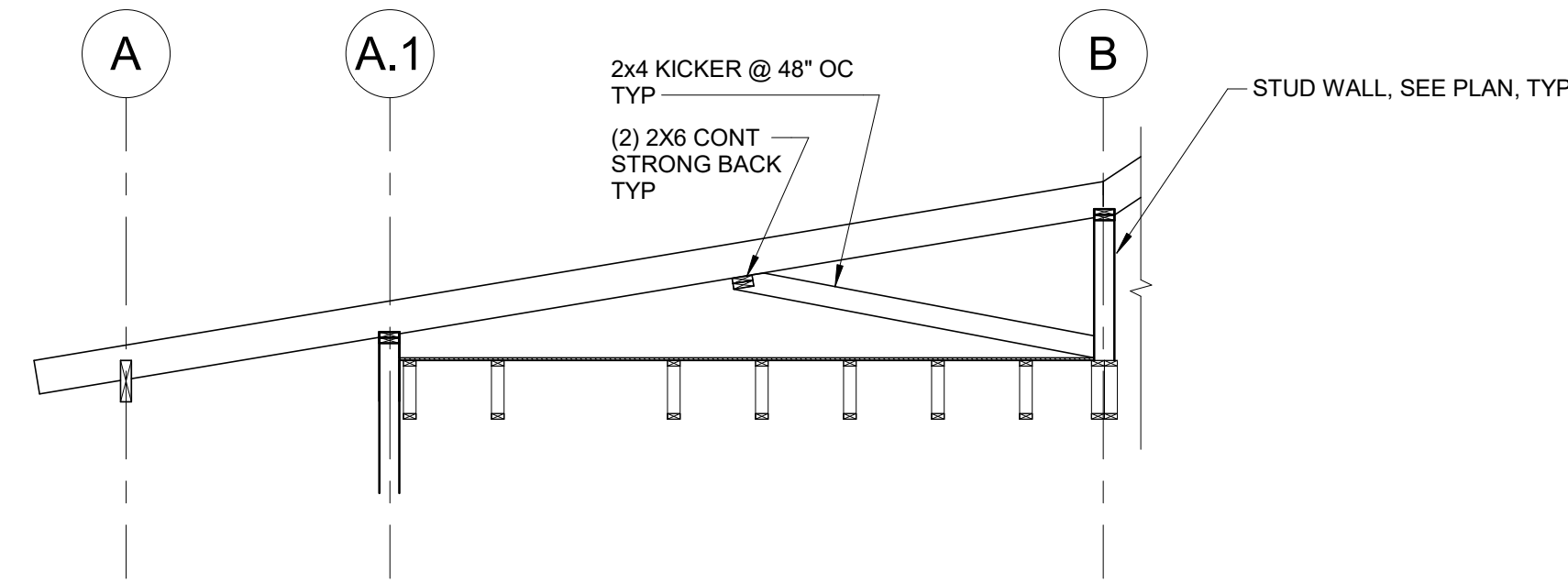


SECTION 01
S104 S201 1/4" = 1'-0"

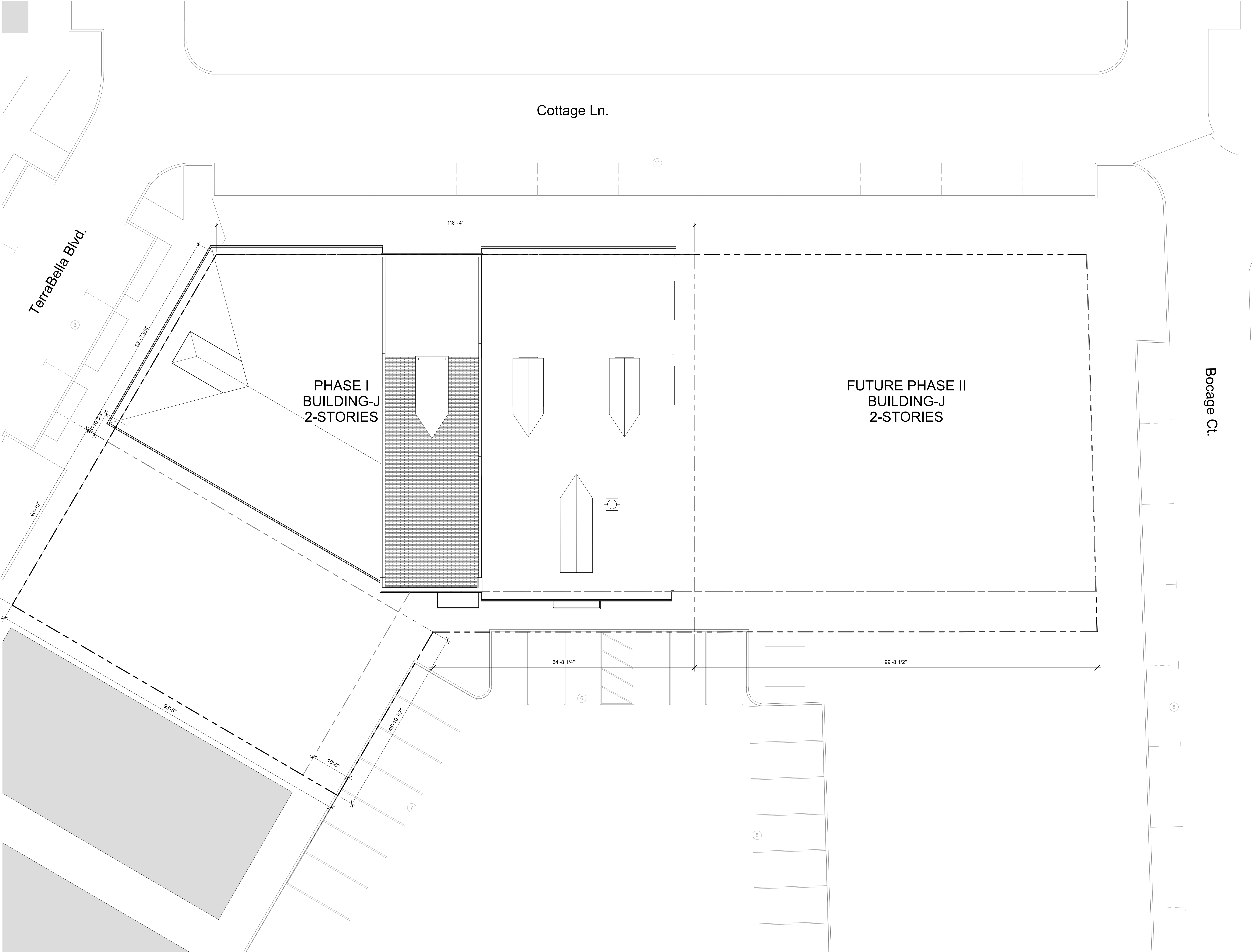
CALLOUT 01
S201 S201 3/4" = 1'-0"



SECTION 02
S104 S201 1/4" = 1'-0"



SECTION 03
S104 S201 1/4" = 1'-0"



1 ARCHITECTURAL SITE PLAN
1" = 10'-0"

GENERAL NOTES

SHEET NOTES

1. VERIFY ALL DIMENSIONS IN FIELD. NOTIFY ARCHITECT OF ANY CONFLICTS WITH EXISTING CONDITIONS OR INTENT IMMEDIATELY UPON DISCOVERY.
2. CONTRACTOR SHALL ACCOMPLISH ALL DEMOLITION AND REMOVAL WORK AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION OR AS SHOWN ON THE DRAWINGS.
3. WHERE EXISTING CONSTRUCTION WALL OR FINISHES ARE REMOVED, ALL DISTURBED SURFACES TO REMAIN EXPOSED SHALL BE PATCHED TO MATCH ADJOINING SURFACES. DISTURBED SURFACES TO BE COVERED WITH NEW FINISHES SHALL BE PATCHED AND PREPARED AS NECESSARY TO RECEIVE NEW FINISHES.
4. WHERE EXISTING MATERIALS OR SYSTEMS ARE TO BE REUSED IN NEW CONSTRUCTION OR ARE TO REMAIN IN PLACE, PROTECT SUCH MATERIALS AND SYSTEMS SO THAT THEY MAY BE CONTINUED IN OR RETURNED TO NORMAL SERVICE. RESTORE ANY EXISTING WORK DAMAGED BY THE OPERATIONS OF THE CONTRACTOR TO THE LEVEL OF SERVICEABILITY WHICH EXISTED BEFORE THE DAMAGE OCCURRED.
5. THE PHASING OF THE DEMOLITION AND NEW CONSTRUCTION SCOPE OF WORK IS CONCEPTUAL AS IT IS ULTIMATELY THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. FURTHER COORDINATION BETWEEN THE OWNER, ARCHITECT AND GENERAL CONTRACTOR WILL BE REQUIRED PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
6. THE EXISTING SCHOOL SHALL REMAIN OCCUPIED FOR THE DURATION OF PHASE I CONSTRUCTION ACTIVITIES. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTING AND MAINTAINING TEMPORARY FENCING AND LOCATION VISIBLE SIGNAGE TO ENSURE PROTECTION OF OCCUPANTS.

LEGEND

- NEW CONSTRUCTION FOOTPRINT
- RENOVATION FOOTPRINT
- EXISTING BUILDING (NOT IN CONTRACT)
- PROPERTY LINE
- SETBACK LINE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- TEMPORARY FENCING
- PARKING COUNT

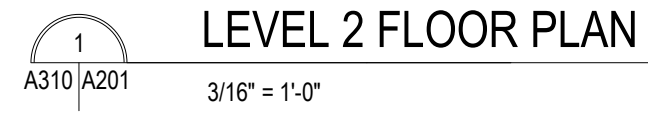
KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

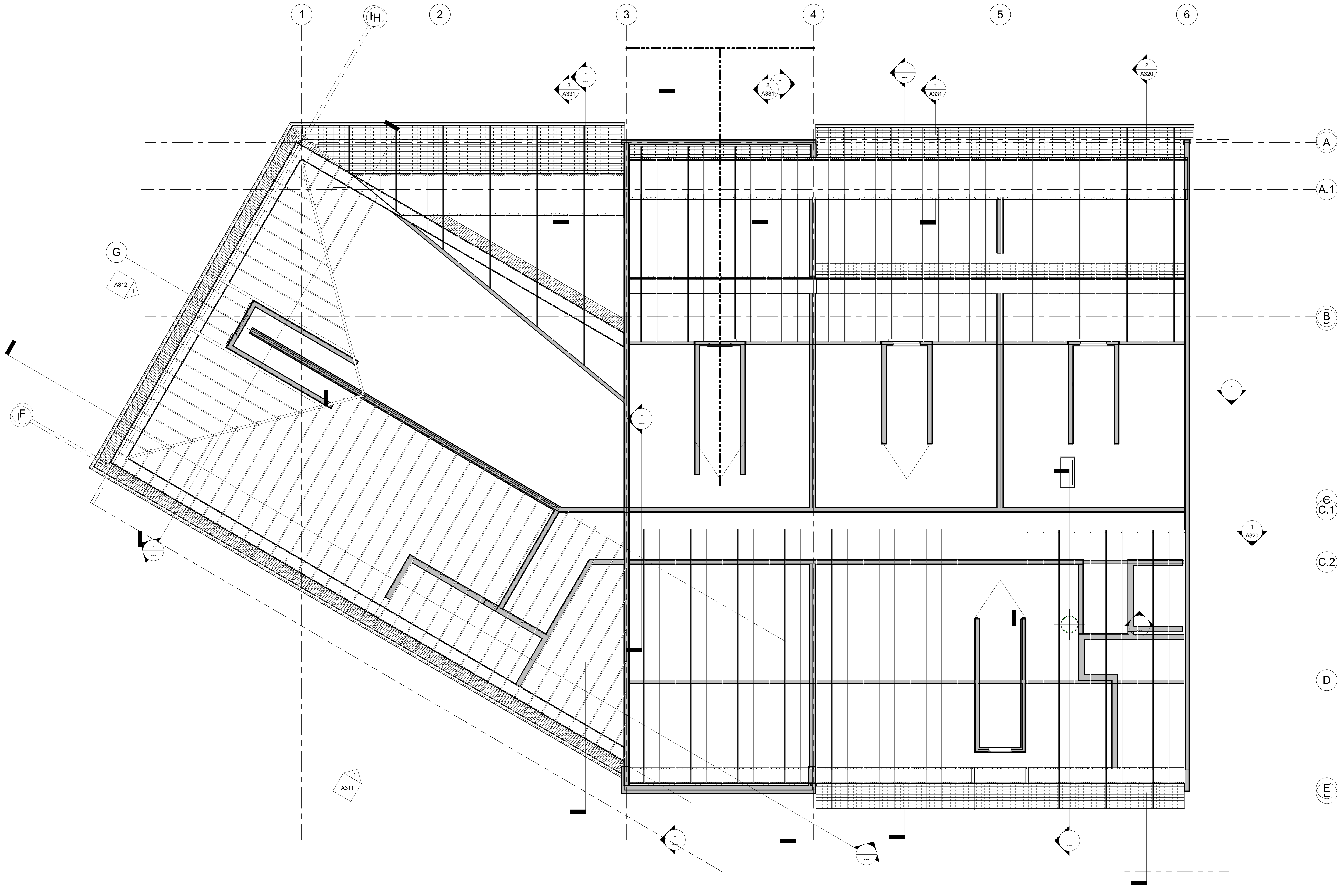
DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

NOT FOR CONSTRUCTION



LEGEND

NOT FOR CONSTRUCTION	
WDG Project No:	2024003
SHEET NAME SECOND FLOOR PLAN	
SHEET NO.	A201



ATTIC FLOOR PLAN
3/16" = 1'-0"

GENERAL NOTES

SHEET NOTES

LEGEND

HAGAN & BANKS
TERRA BELLA BUILDING - J
138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

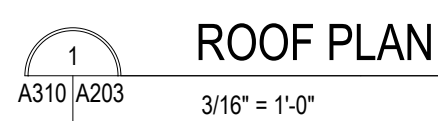
WDG Project No: 2024003

SHEET NAME

ATTIC FLOOR PLAN

SHEET NO.

A202

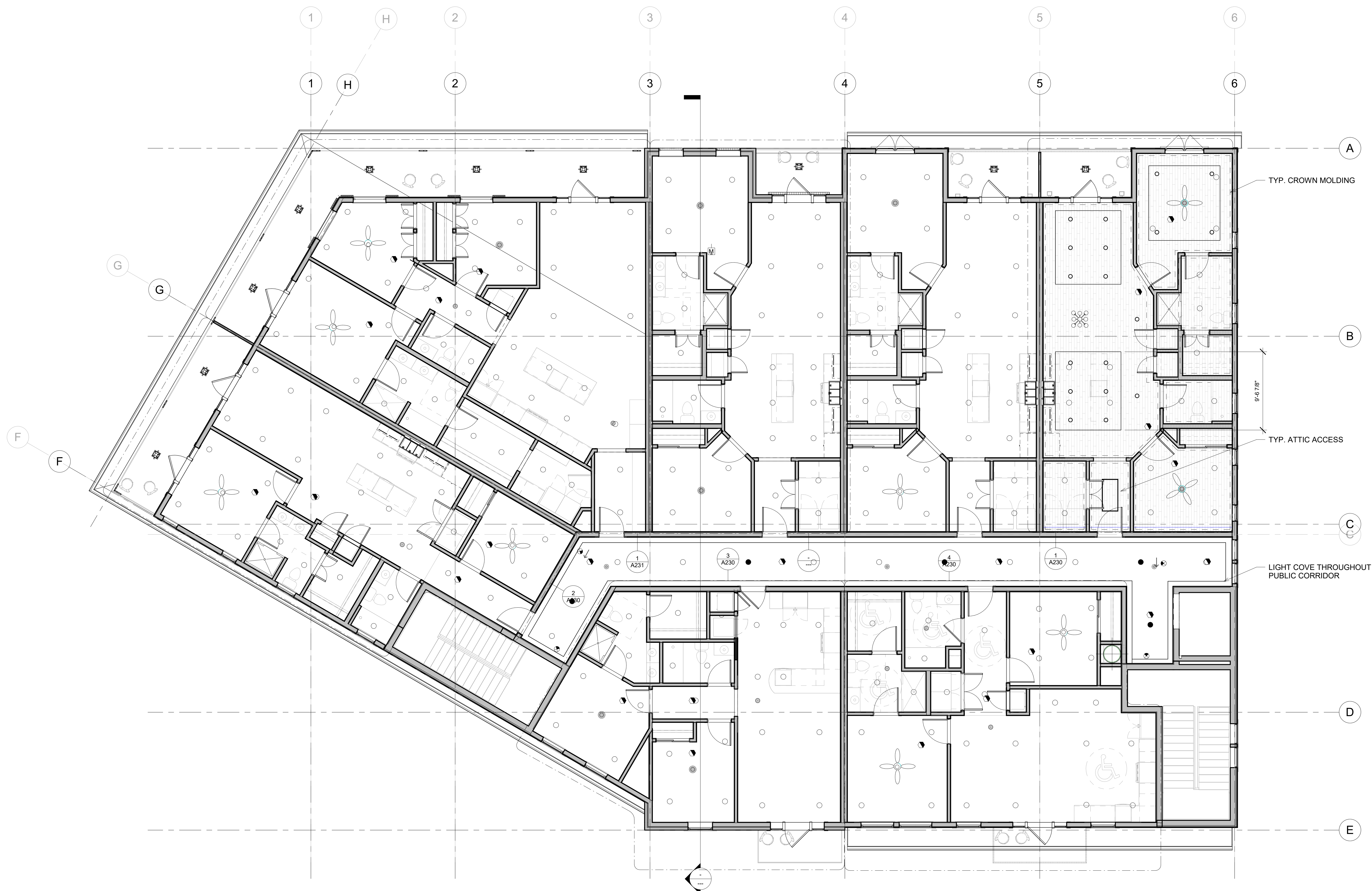


LEGEND

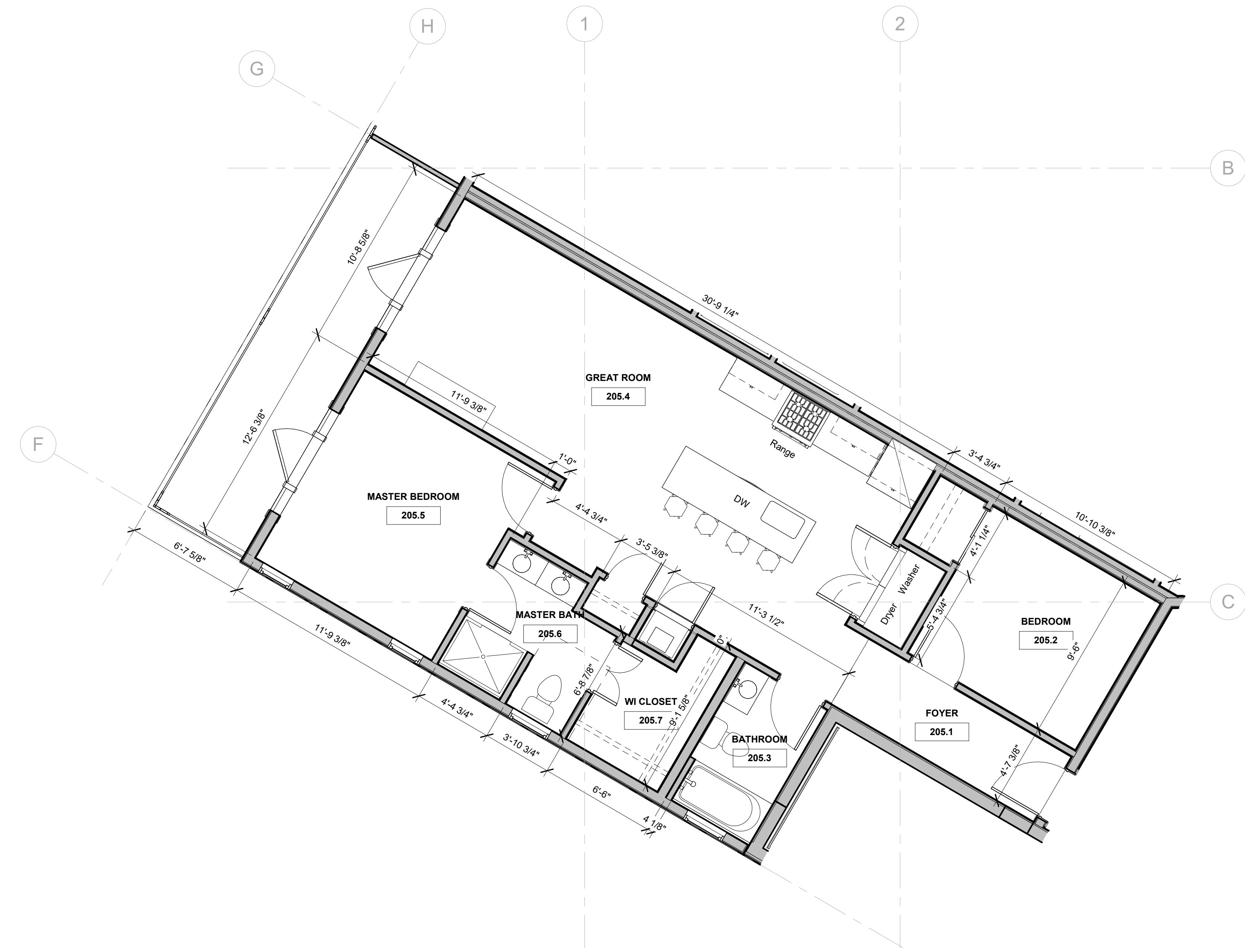
A203

NOT FOR CONSTRUCTION

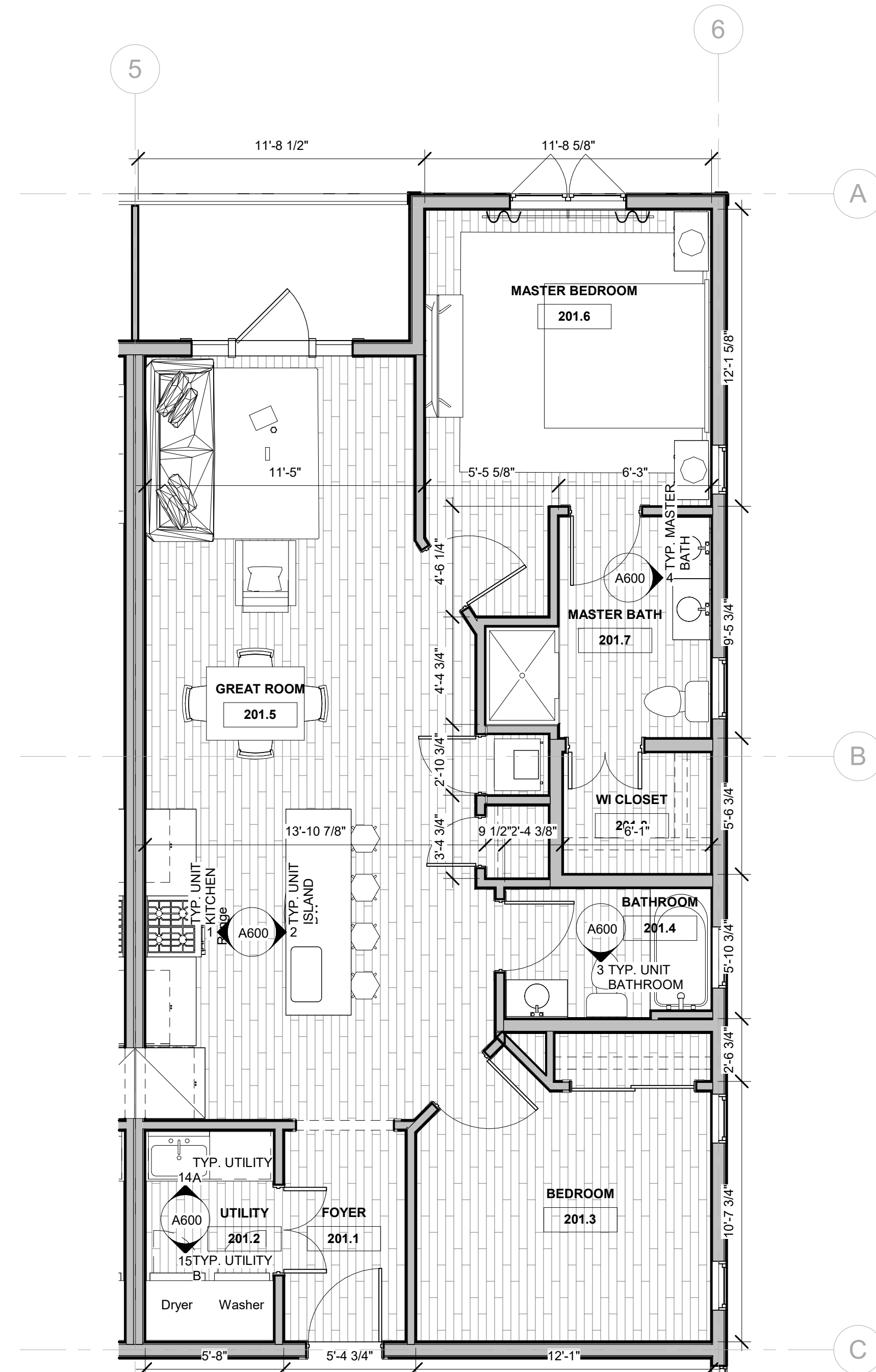
WILLARD
DESIGN GROUP
4455 SAINT ROCH AVE. NEW ORLEANS, LA 70122



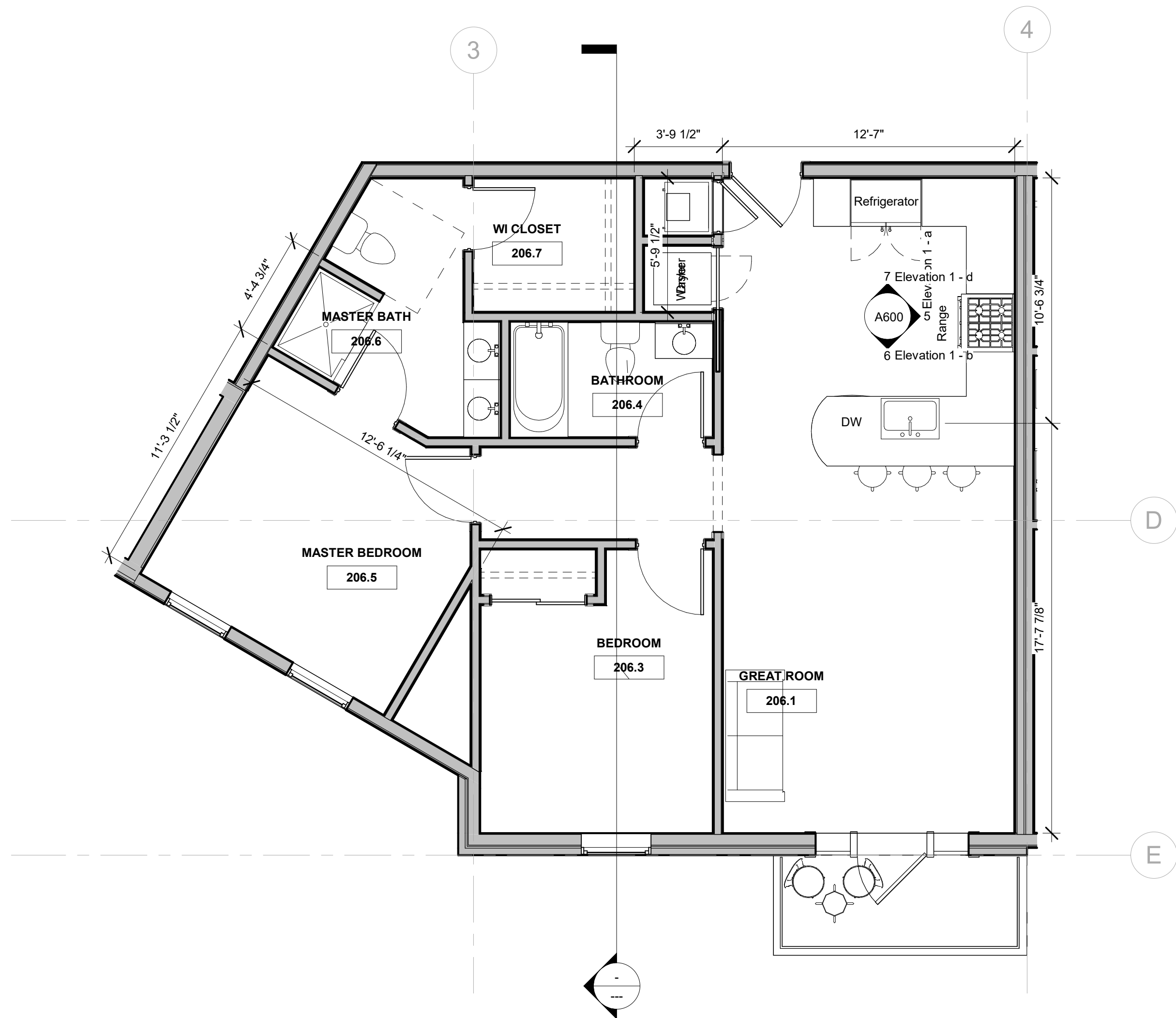
GENERAL NOTES



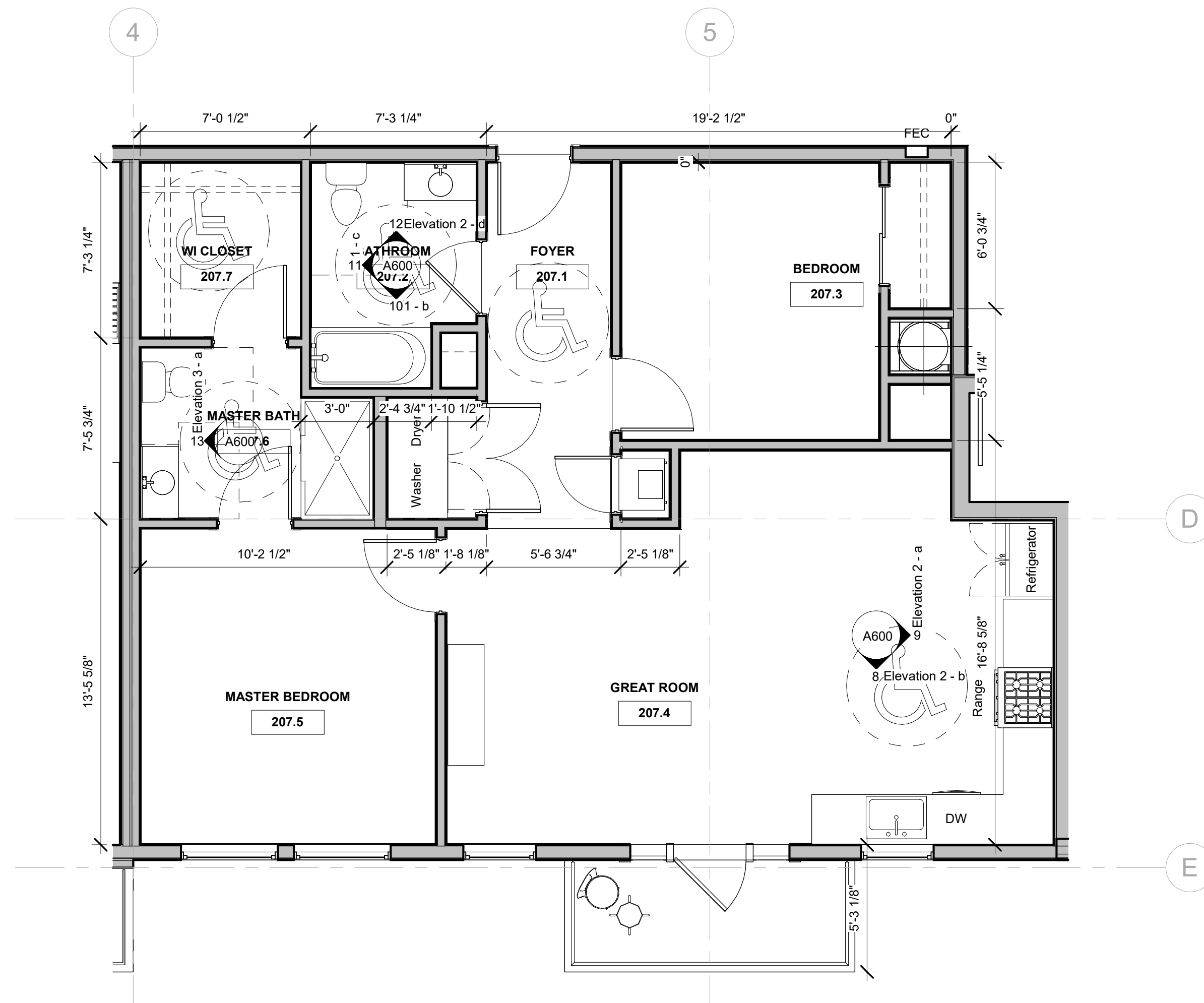
④ ATYP. UNIT LAYOUT 3
1/4" = 1'-0"



① TYP. UNIT LAYOUT 1
1/4" = 1'-0"



③ ATYP. UNIT LAYOUT 5
1/4" = 1'-0"



② ADA UNIT LAYOUT 2
1/4" = 1'-0"

GENERAL NOTES

SHEET NOTES

LEGEND

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

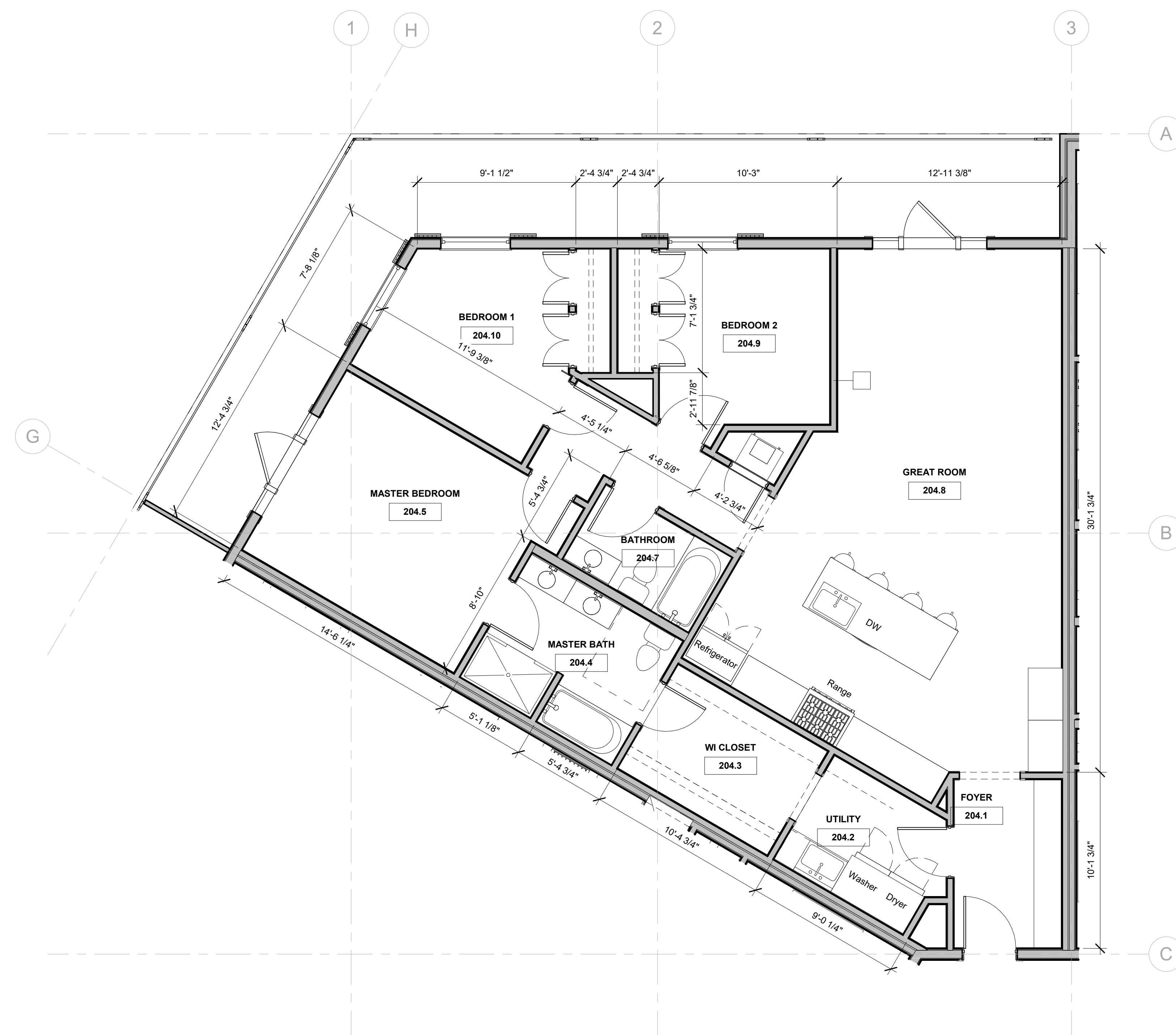
WDG Project No: 2024003

SHEET NAME

ENLARGED FLOOR PLANS

SHEET NO.

A220



GENERAL NOTES

SHEET NOTES

LEGEND

WILLARD
DESIGN GROUP
4455 SAINT ROCH AVE. NEW ORLEANS, LA 70122

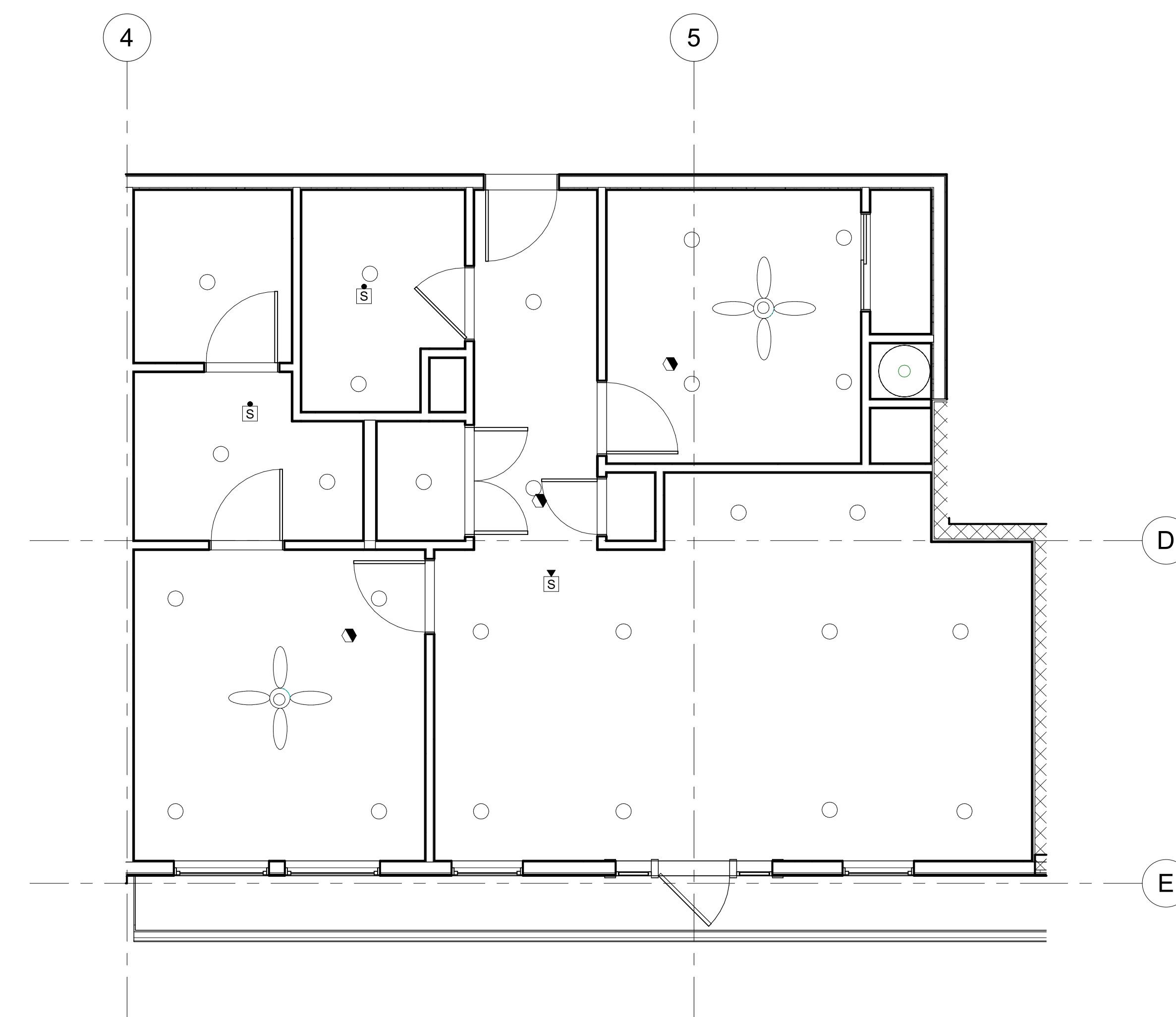
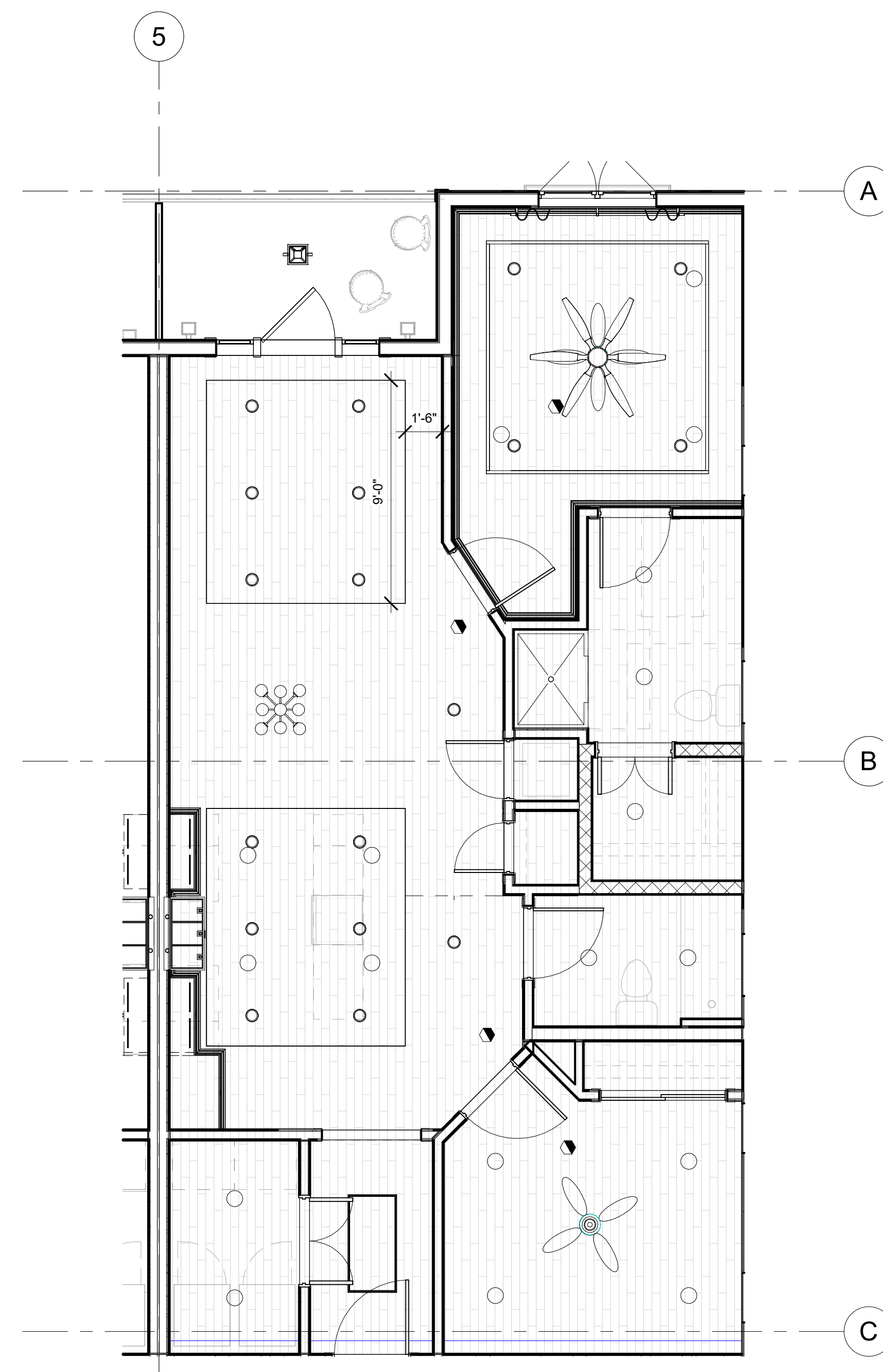
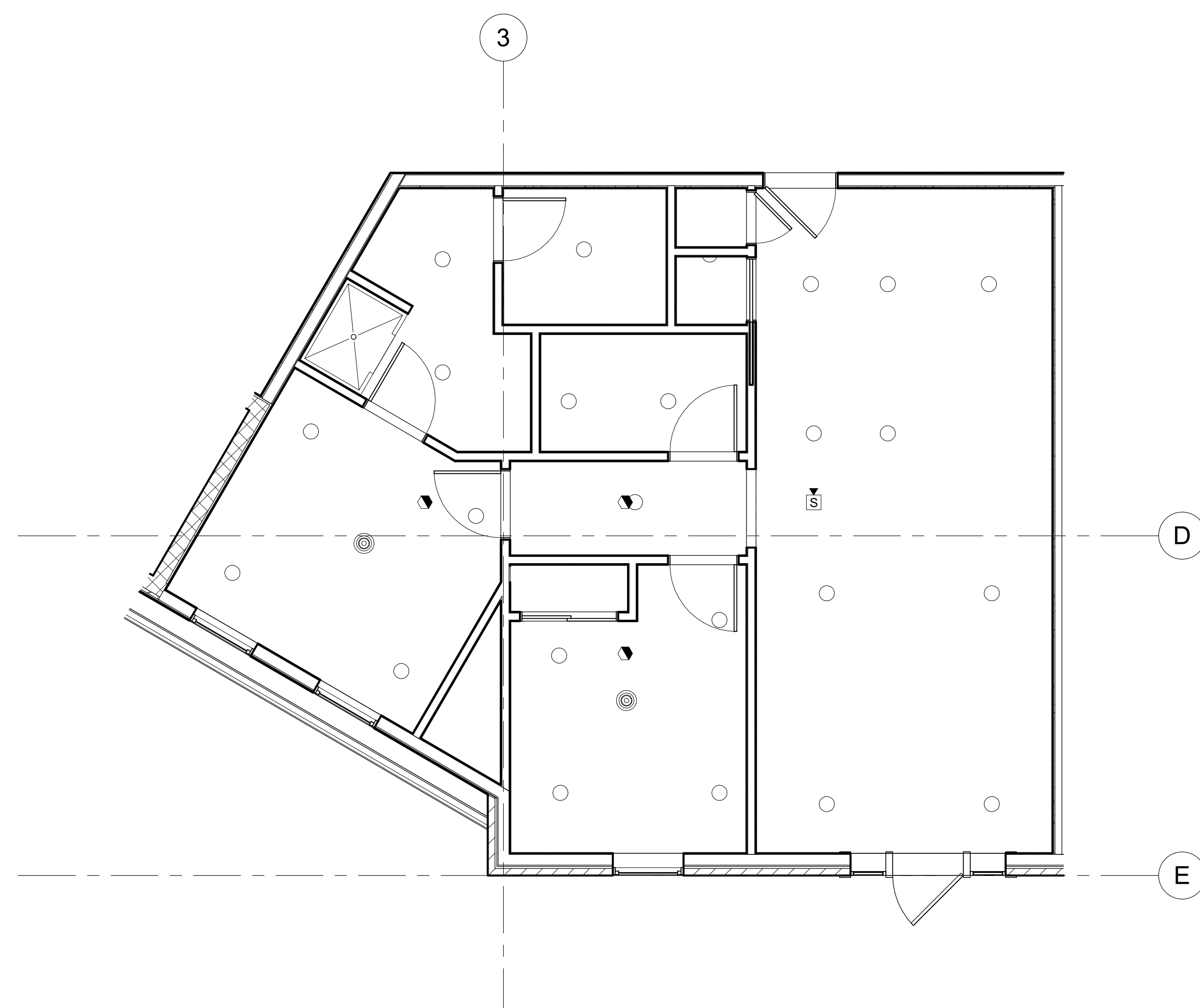
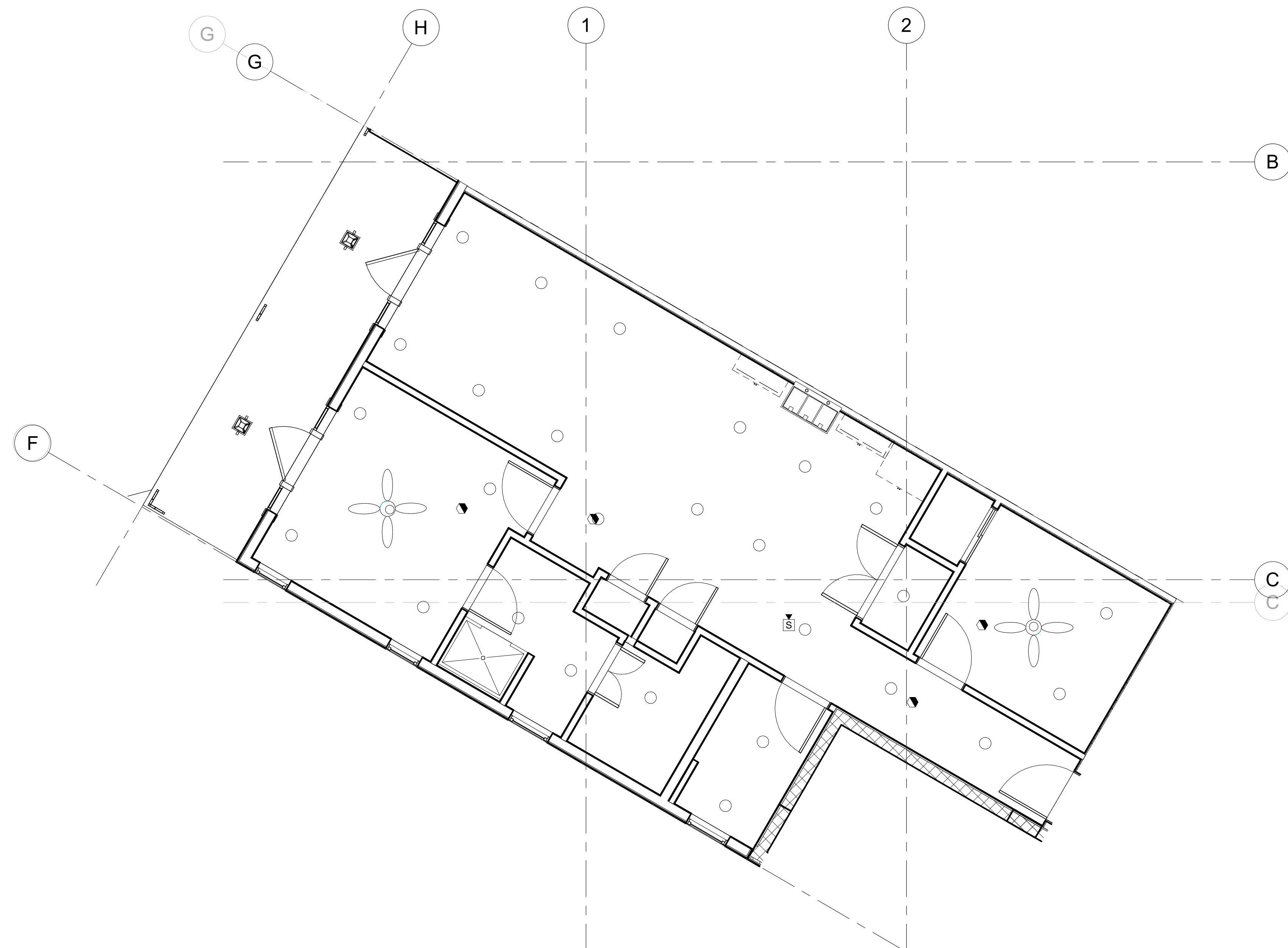
HAGAN & BANKS
TERRA BELLA BUILDING - J

DESIGN DEVELOPMENT

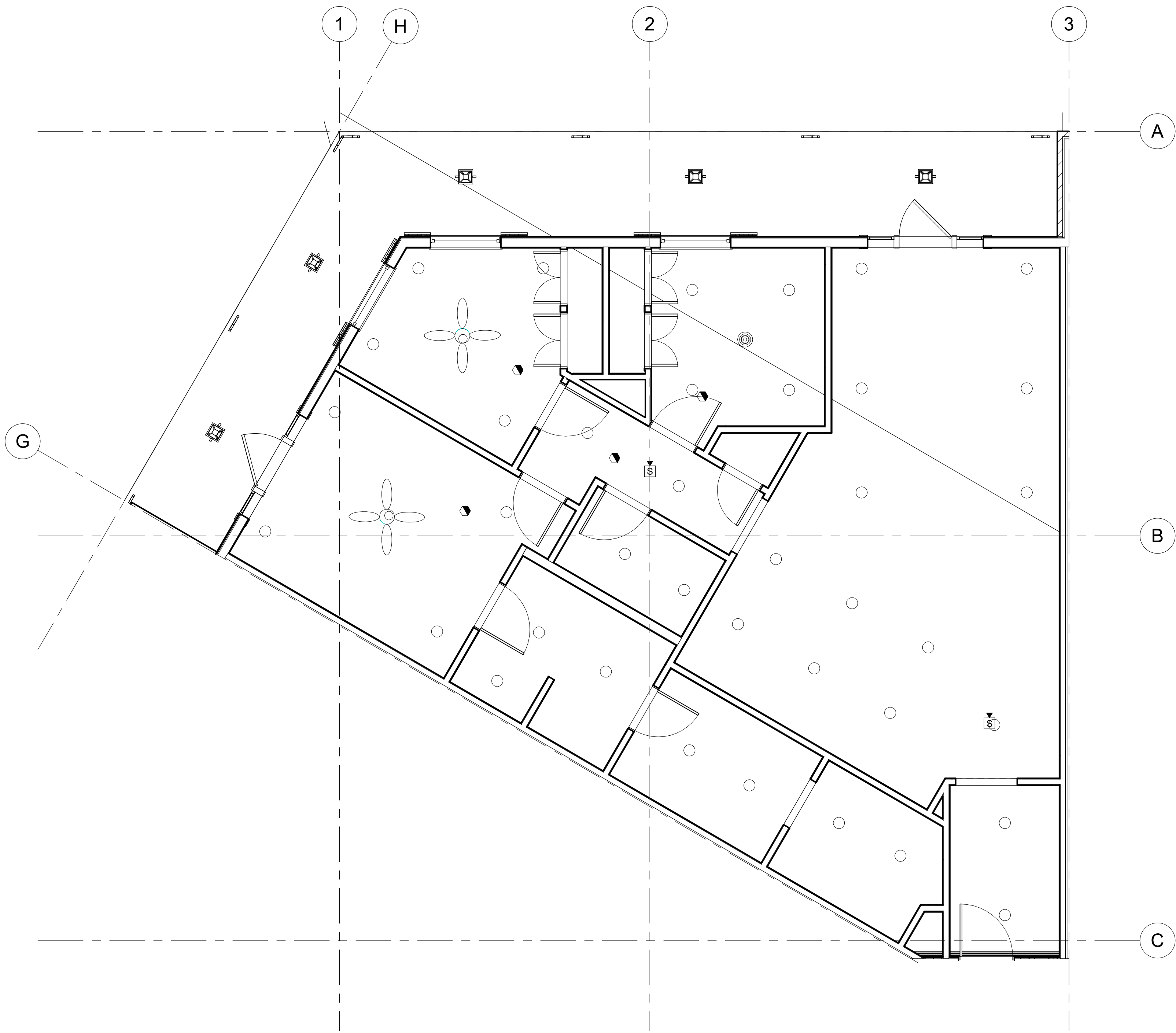
[illegible]

NOT FOR CONSTRUCTION

WDG Project No:	2024003
SHEET NAME	
ENLARGED FLOOR PLANS	
SHEET NO.	A 331



SHEET NO. **A230**



1 ATYP. UNIT RCP 4
1/4" = 1'-0"

GENERAL NOTES

SHEET NOTES

- REFER TO SCHEDULES, LEGENDS AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
- LIGHT FIXTURE LOCATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER CEILING SYSTEMS FOLLOWED BY SURVEILLANCE CAMERAS, DIFFUSERS, RETURN AIR GRILLES, SOUND, ETC. ARCHITECTURAL DRAWINGS DICTATE INTENT OF FINAL LOCATION. GENERAL CONTRACTOR SHALL COORDINATE FINAL LOCATION OF ALL THE ABOVE WITH ARCHITECTURAL PRIOR TO INSTALLATION PER SPECIFICATION.
- FOR LIGHT FIXTURE LOCATIONS, THE ARCHITECTURAL DOCUMENTS SUPERSEDE THE ENGINEERING DOCUMENTS.
- COORDINATE FINAL INSTALLATION OF ALL FIXTURE TYPES WITH ARCHITECTURAL, ELECTRICAL, MILLWORK AND/OR INTERIOR DESIGN DETAILS.
- SEE ARCHITECTURAL LIGHTING PLANS & ENGINEERING DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS & SCHEDULE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID SUBMITTAL. NO CHANGE ORDERS WILL BE ACCEPTED DUE TO CONFLICTS IN SCHEDULES.
- LIGHTING FIXTURE LOCATIONS, AS SHOWN ON LIGHTING PLANS, SHALL TAKE PRECEDENCE OVER ALL OTHER SYSTEMS. OBTAIN WRITTEN APPROVAL FROM LIGHTING DESIGNER/ARCHITECT PRIOR TO EXECUTING ANY CHANGES IN LOCATION.
- CONFIRM THE EXACT LENGTHS REQUIRED BY FIELD MEASUREMENT FOR ALL LINEAR FIXTURE TYPES AND PROVIDE ALL NECESSARY PARTS AND ACCESSORIES TO INSURE PROPER AND COMPLETE INSTALLATION.
- CONSTRUCT ALL ARCHITECTURAL COVE TYPE FIXTURES AS DETAILED AND DIMENSIONED. OBTAIN WRITTEN APPROVAL FROM LIGHTING DESIGNER/ARCHITECT PRIOR TO UNDERTAKING ANY CHANGES TO DIMENSIONS OR CONFIGURATION.
- CONFIRM WITH ARCHITECT DESIGNER THE EXACT CENTER LINE AFF MOUNTING HEIGHT OF ALL JUNCTION BOXES FOR WALL MOUNTED FIXTURE TYPES.
- SEE ENGINEERING DOCUMENTS FOR BALLAST AND VOLTAGE REQUIREMENTS.
- CONFIRM THAT ALL FIXTURES ARE UL OR ETL LISTED AS A SYSTEM AND COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODES APPLICABLE TO JURISDICTION.
- CONFIRM AND SUPPLY THE EXACT TYPE, SIZE AND QUANTITY OF ALL LAMPS REQUIRED FOR EACH FIXTURE AND TYPE.
- AT CLOSE OF JOB, RE-LAMP ALL FIXTURES WITH NEW LAMPS AND PROVIDE OWNER/TENANT WITH 10% SPARE (NEW) LAMPS OF ALL LAMP TYPES, UNO.
- SIZE ALL TRANSFORMERS PER NATIONAL ELECTRIC CODES APPLICABLE TO JURISDICTION.
- PROVIDE DIMMABLE BALLAST FOR ALL FLUORESCENT LIGHTS CONTROLLED BY DIMMER SWITCHES.
- CONFIRM ALL FINISHES NOT SPECIFIED WITH ARCHITECT PRIOR TO ORDERING.
- PROVIDE SELF-FLANGED, OVERLAP TRIMS OF THE SAME MATERIAL AND FINISH AS THE REFLECTOR FOR ALL RECESSED FIXTURES.
- ASSURE THAT ALL OPEN REFLECTOR AND ALZAK CONE APERTURE TYPE FIXTURES MATCH IN COLOR AND APPEARANCE REGARDLESS OF TYPES AND SOURCE.
- ASSURE THAT ALL FIXTURES ARE FREE OF SCRATCHES, DENTS, DUST, FINGERPRINTS, ETC. AT CLOSE OF JOB.
- FOR LIGHT SWITCHING AND LIGHT SWITCH LOCATIONS, SEE ENGINEERING DOCUMENTS.
- GANG ALL ADJACENT SWITCHES UNDER ONE COVER PLATE.
- SWITCH HEIGHT TO BE 38" AFF, UNLESS OTHERWISE NOTED. WHEN SWITCHES AND DIMMERS ARE ADJACENT, ALIGN THE HORIZONTAL CENTERLINE OF THE SWITCH AND THE HORIZONTAL CENTERLINE OF THE DIMMER. THE DISTANCE BETWEEN THE SWITCH AND THE DIMMER SHOULD BE ONE INCH (1").
- FOR LIGHT SWITCHING AND LIGHT SWITCH LOCATIONS REFER TO ENGINEERING DOCUMENTS. COORDINATE ALL SWITCHES WITH MILLWORK.
- ALL FIXTURE QUANTITIES SHOWN ON THE ENGINEERING DRAWINGS SHALL GOVERN.
- ALL FIXTURES IN CEILING TILES TO BE CENTERED IN TILE U.N.O.

LEGEND

- NO CEILING. EXPOSED TO STRUCTURE TO ABOVE
- 2'x2' SQ. LAY-IN, FINE TEXTURE ACOUSTICAL CEILING TILE & GRID, ACT-1
- SUSPENDED GYPSUM BOARD CEILING
- RECESSED RECTANGULAR LIGHT FIXTURE
- RECESSED CAN DOWNLIGHT
- LINEAR FLUORESCENT
- EXTERIOR SCIENCE UP-DOWN LIGHT
- EXTERIOR EMERGENCY SCIENCE
- EXIT LIGHT (CEILING MOUNTED)
- EXIT LIGHT (WALL MOUNTED)
- RETURN AIR/EXHAUST
- DIFFUSER
- THERMOSTAT
- MICROPHONE

HAGAN & BANKS
TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

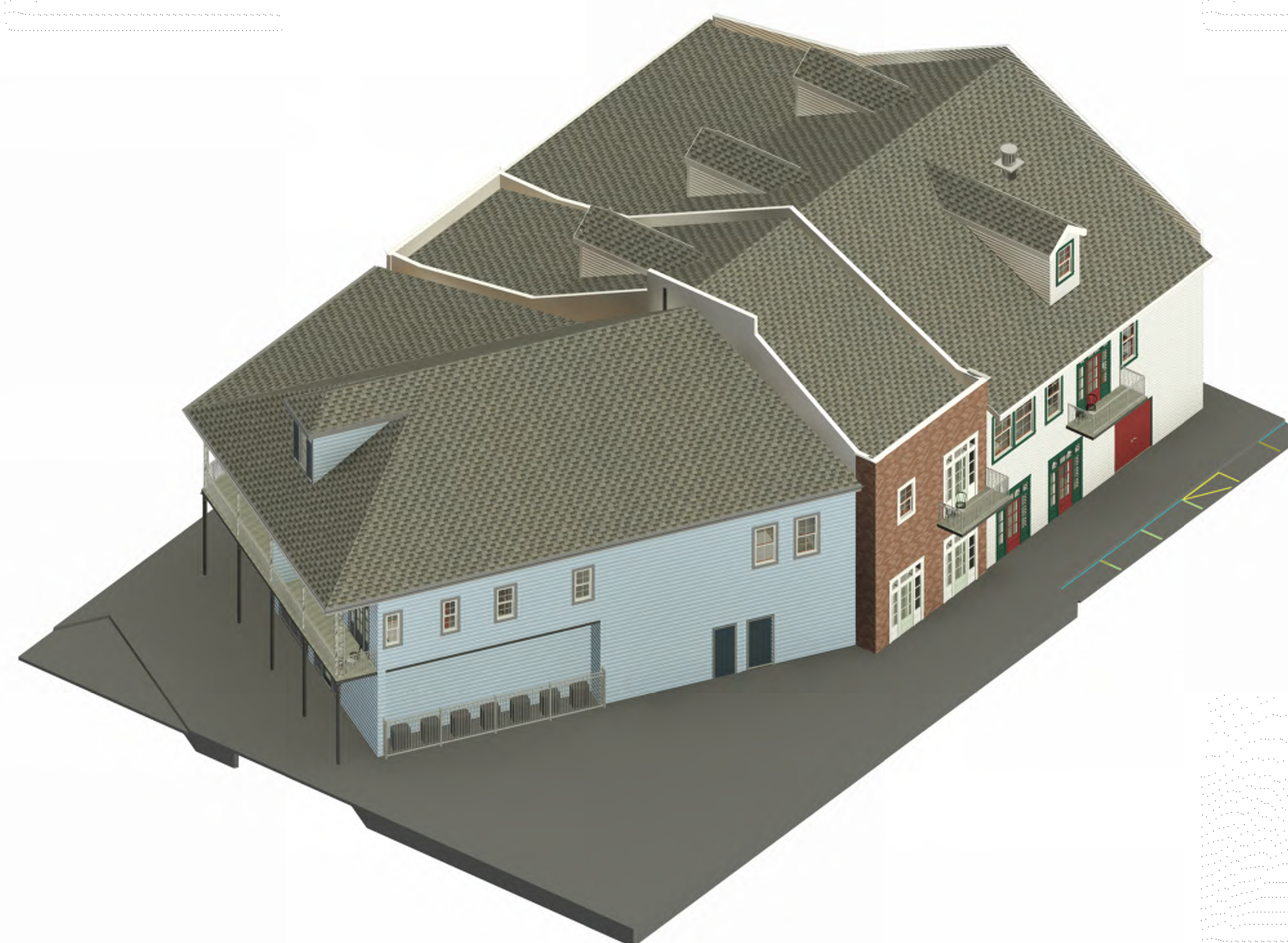
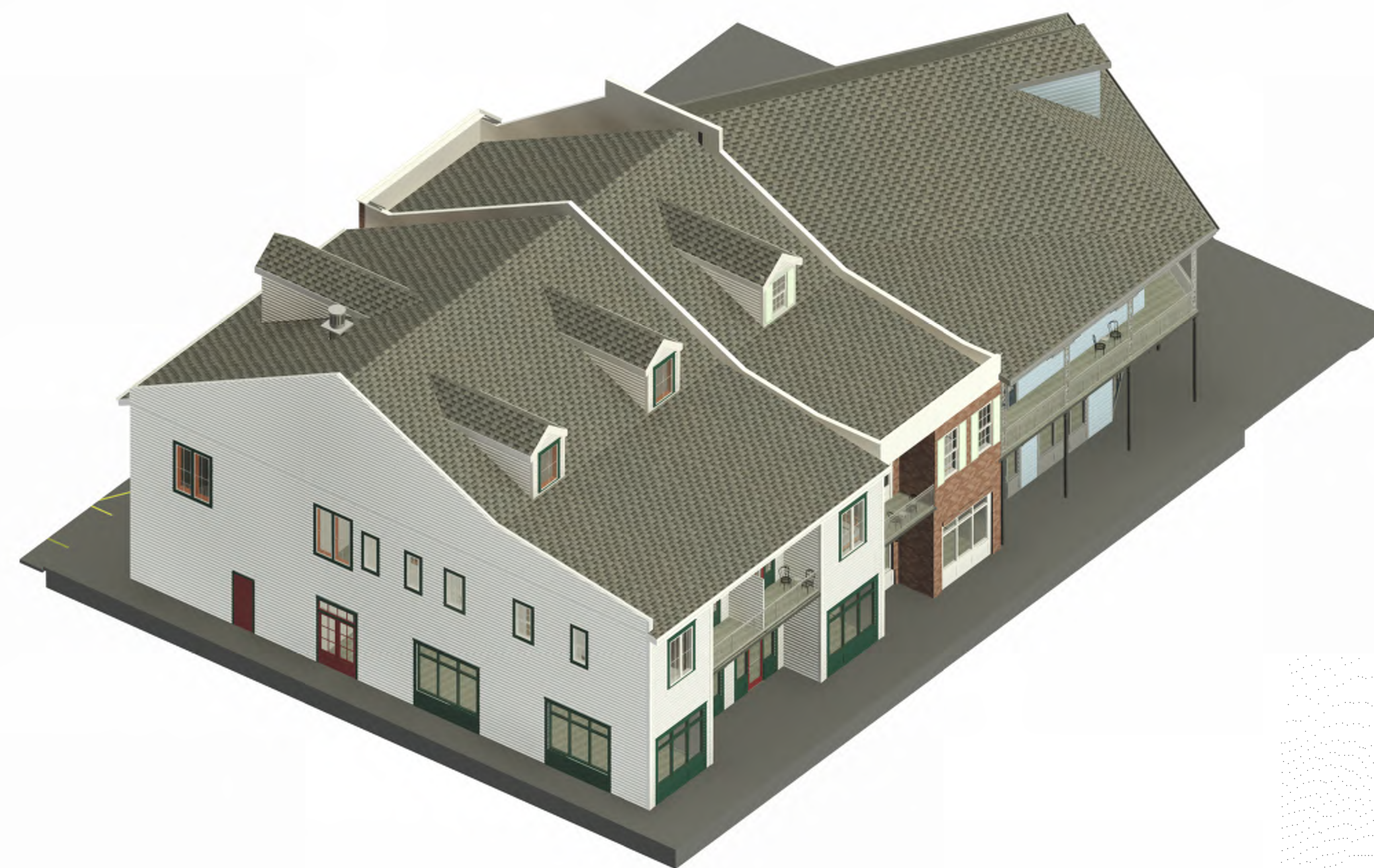
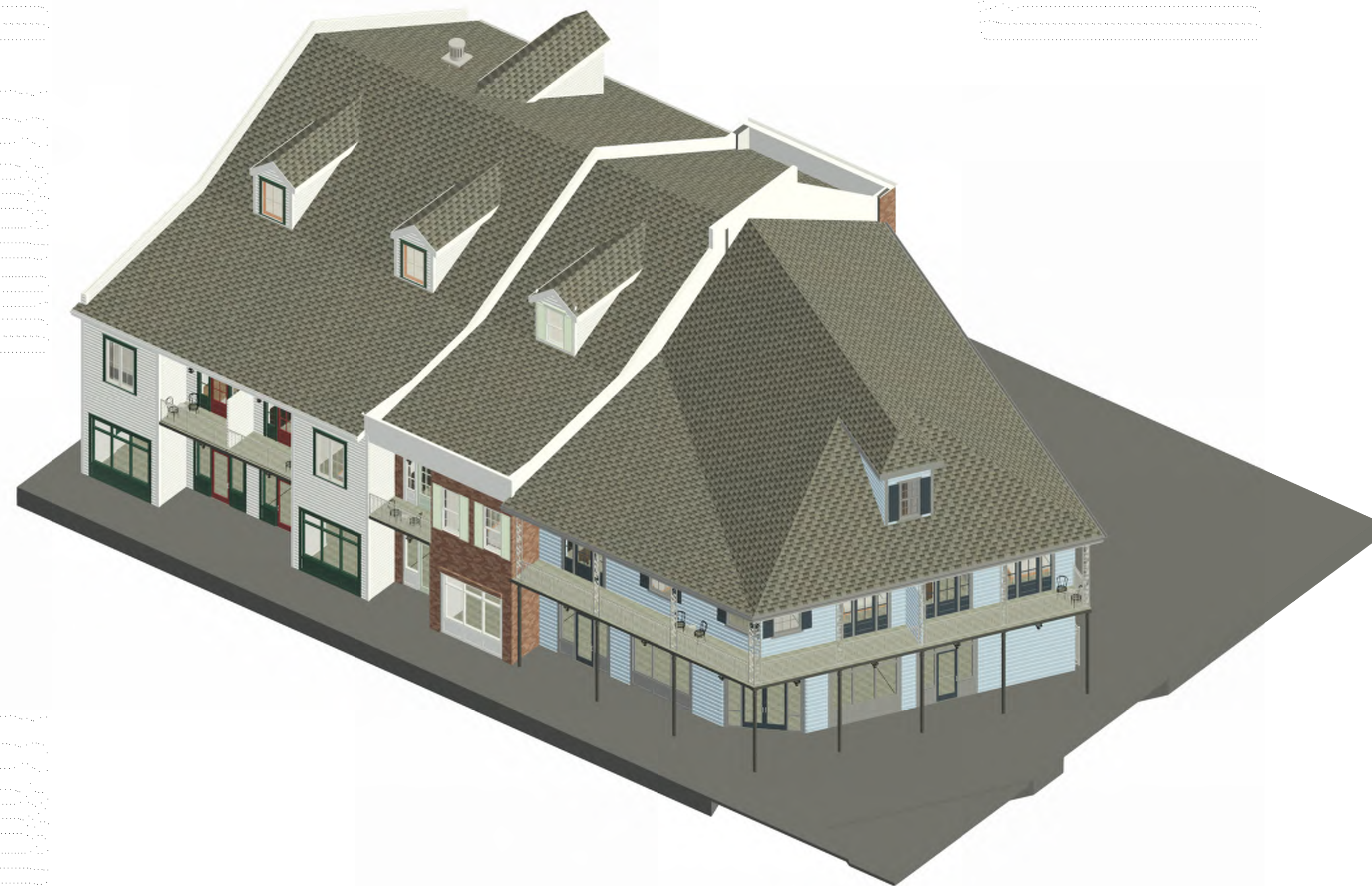
NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
**ENLARGED REFLECTED
CEILING PLANS**

SHEET NO.

A231



GENERAL NOTES

SHEET NOTES

LEGEND

WILLARD
DESIGN GROUP
4455 SAINT ROCH AVE. NEW ORLEANS, LA 70122

HAGAN & BANKS

TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

DRAWING ISSUE

DATE	ISSUED FOR
------	------------

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No:	2024003
-----------------	---------

SHEET NAME

EXTERIOR AXONOMETRICS

SHEET NO. **A300**



1 NORTH EAST PERSPECTIVE
A301



2 NORTH WEST PERSPECTIVE
A301



3 SOUTH PERSPECTIVE
A301

HAGAN & BANKS
TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	
NOT FOR CONSTRUCTION	
WDG Project No: 2024003	
SHEET NAME EXTERIOR PERSPECTIVES	
SHEET NO. A301	



GENERAL NOTES

SHEET NOTES

LEGEND

DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

WILLARD

DESIGN GROUP

4455 SAINT ROCH AVE. NEW ORLEANS, LA 70122

HAGAN & BANKS

TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

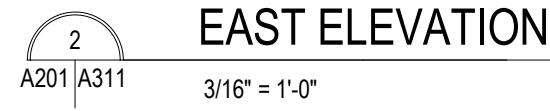
DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

NOT FOR CONSTRUCTION

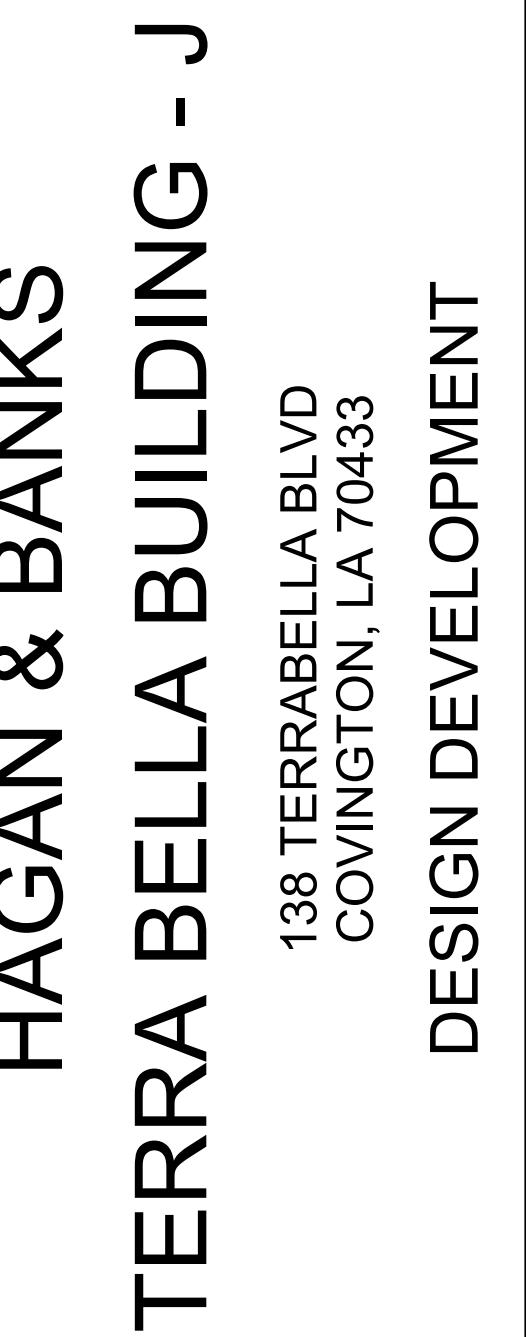
WDG Project No: 2024003

SHEET NAME
EXTERIOR ELEVATIONS

SHEET NO.
A310



LEGEND

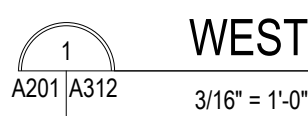
[illegible]

WDG Project No: 2024003

SHEET NAME

EXTERIOR ELEVATIONS

SHEET NO. **A211**



WEST ELEVATION

$$3/16'' = 1'-0''$$

GENERAL NOTES

SHEET NOTES

LEGEND

HAGAN & BANKS
TERRA BELLA BUILDING - J

1138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

DRAWING ISSUE

[illegible]

	REVISIONS
--	-----------

[illegible]

NOT FOR CONSTRUCTION

WDG Project No:	2024003
-----------------	---------

SHEET NAME

EXTERIOR ELEVATIONS

SHEET NO.

A312

GENERAL NOTES

SHEET NOTES

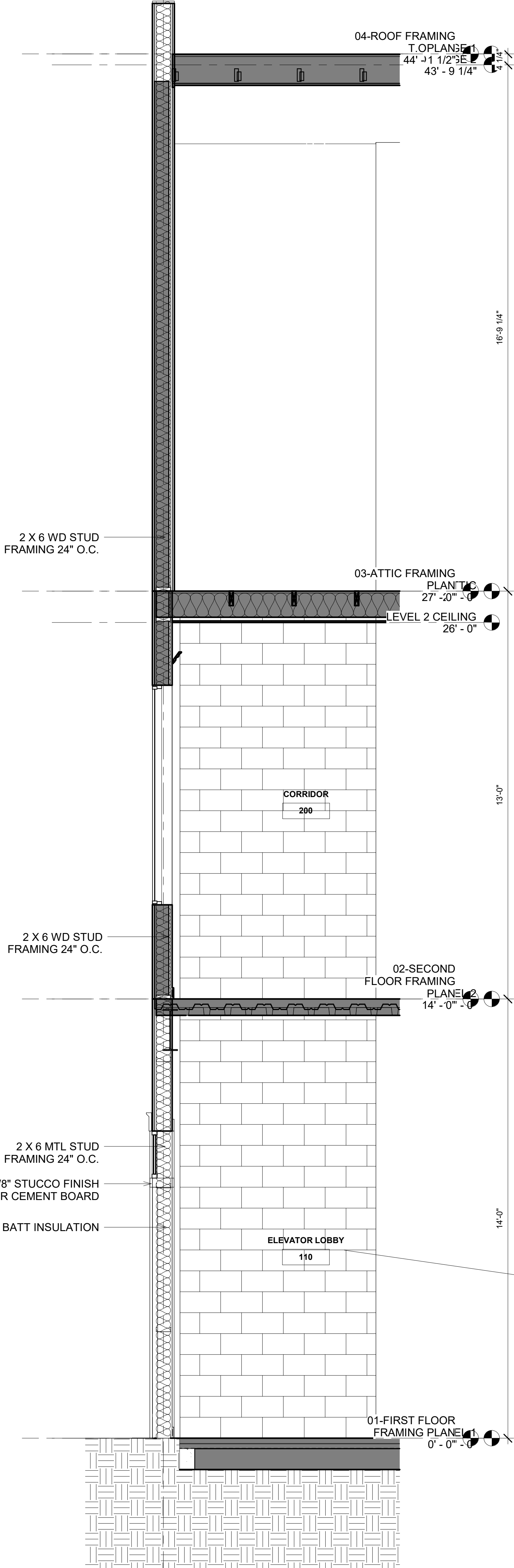
LEGEND

KEY PLAN

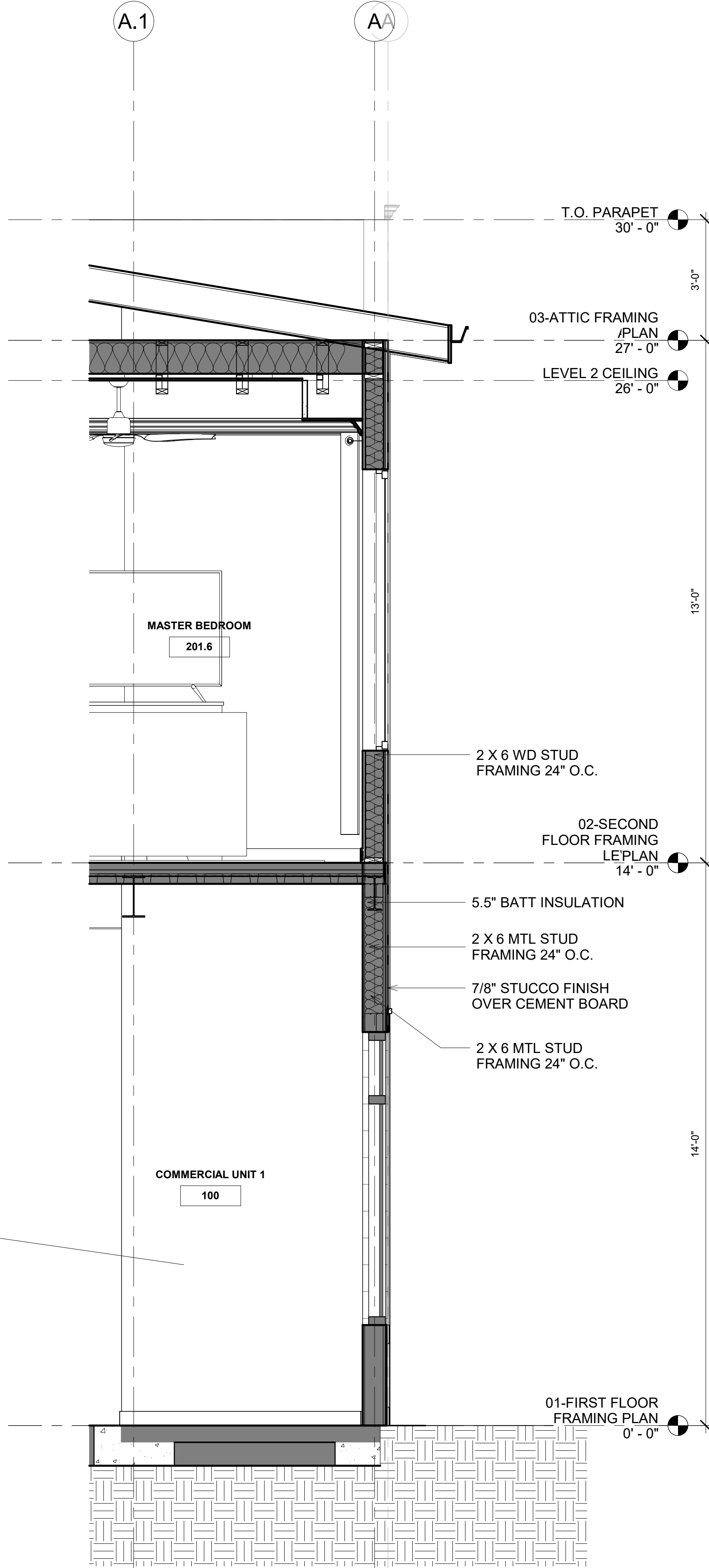
HAGAN & BANKS
TERRA BELLA BUILDING - J
138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

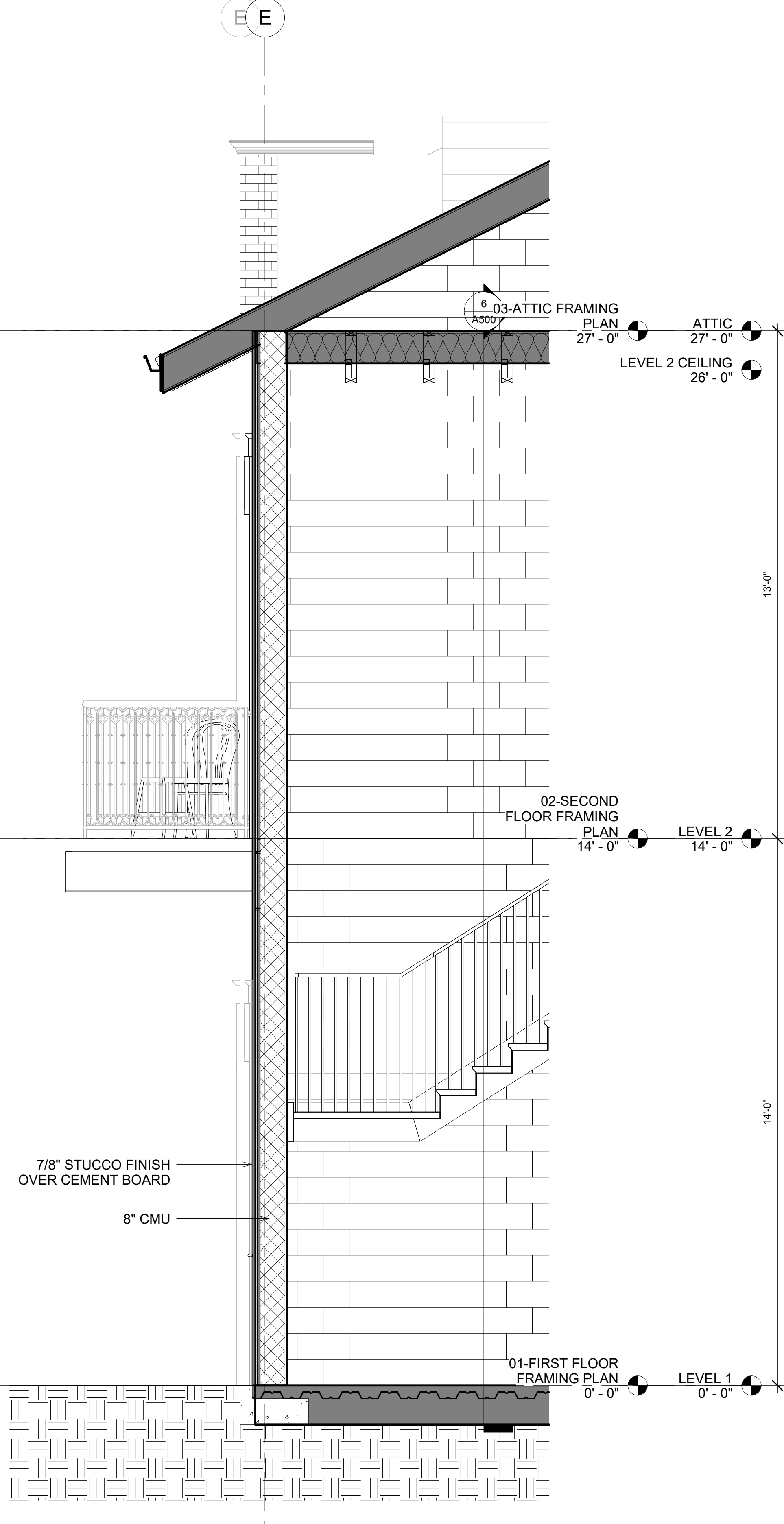
NOT FOR CONSTRUCTION



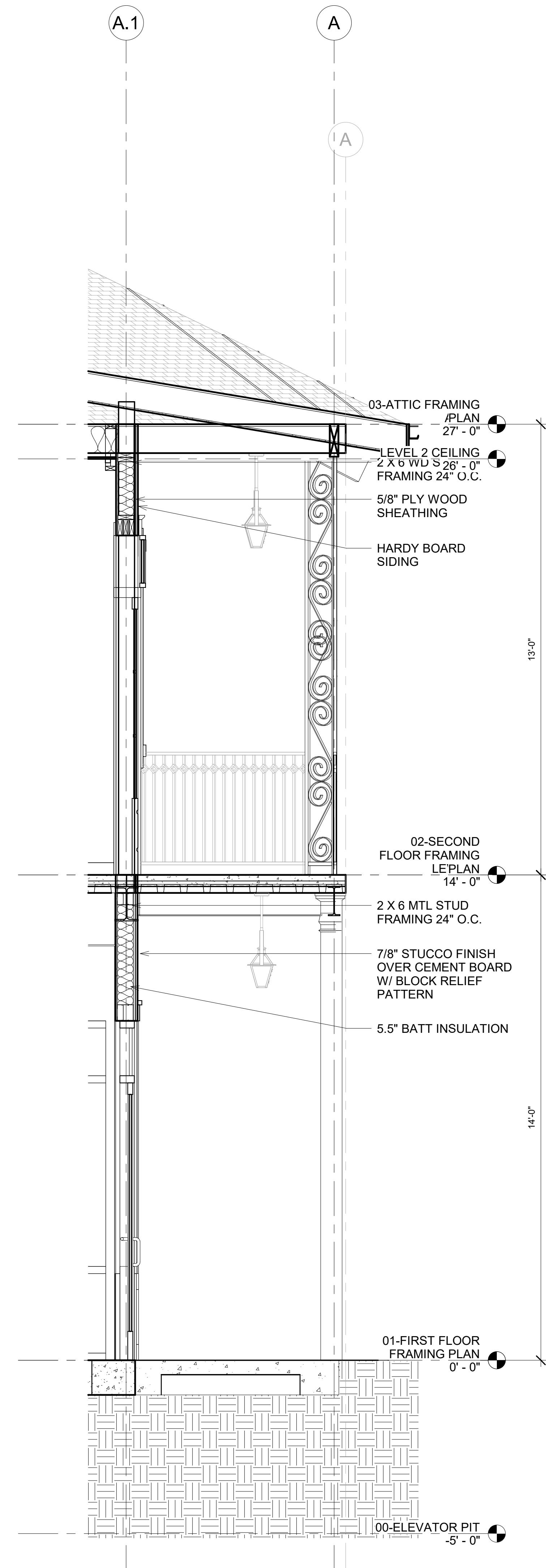
3 LONGITUDINAL SECTION - Callout 1
1/2" = 1'-0"



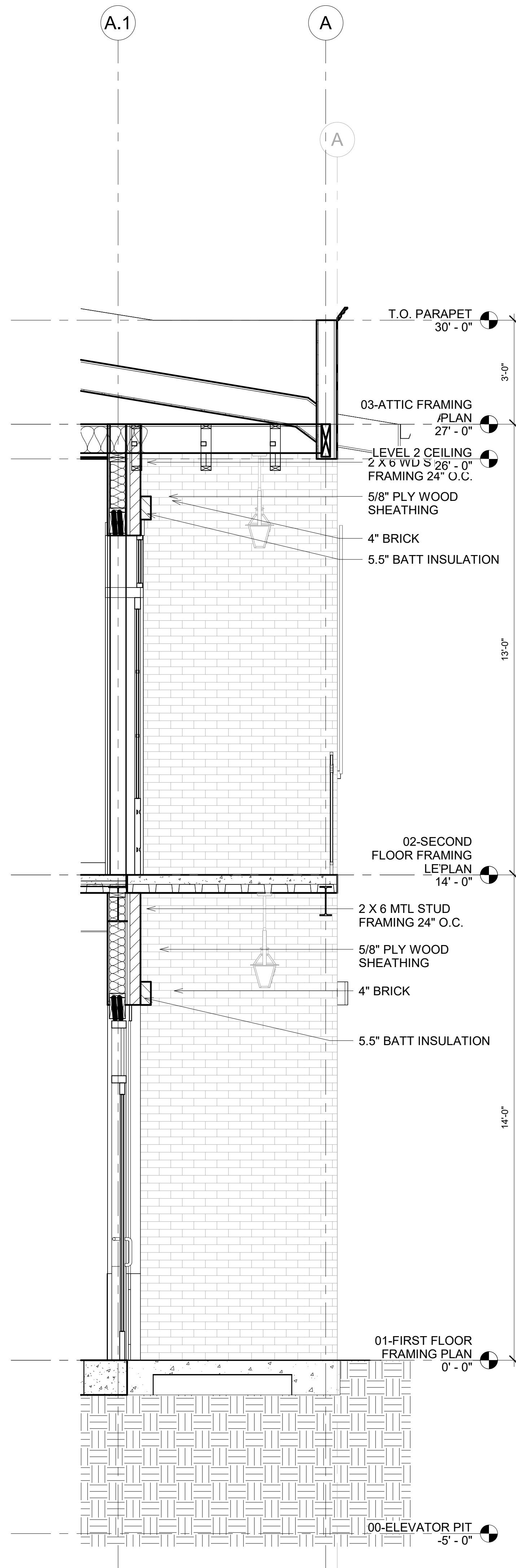
2 TRANSVERSE SECTION - Callout 1
1/2" = 1'-0"



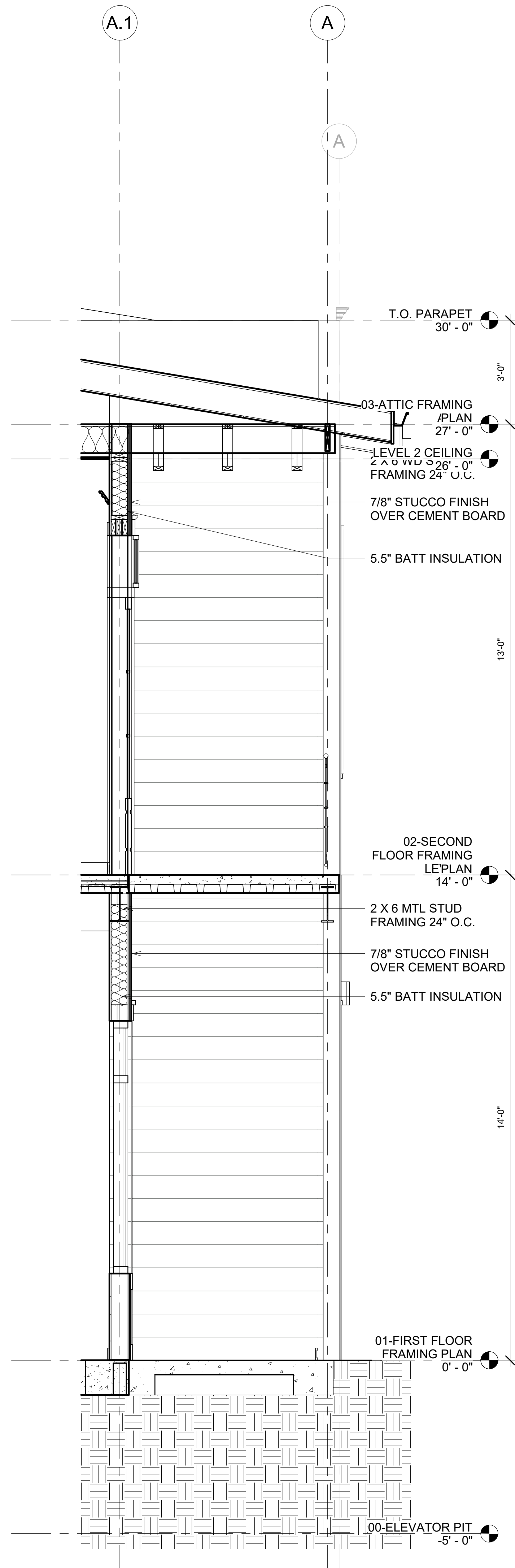
1 TRANSVERSE SECTION - Callout 2
1/2" = 1'-0"



3 Section 6
1/2" = 1'-0"



2 Section 1
1/2" = 1'-0"



1 Section 12
1/2" = 1'-0"

GENERAL NOTES

SHEET NOTES

LEGEND

KEY PLAN

HAGAN & BANKS
TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

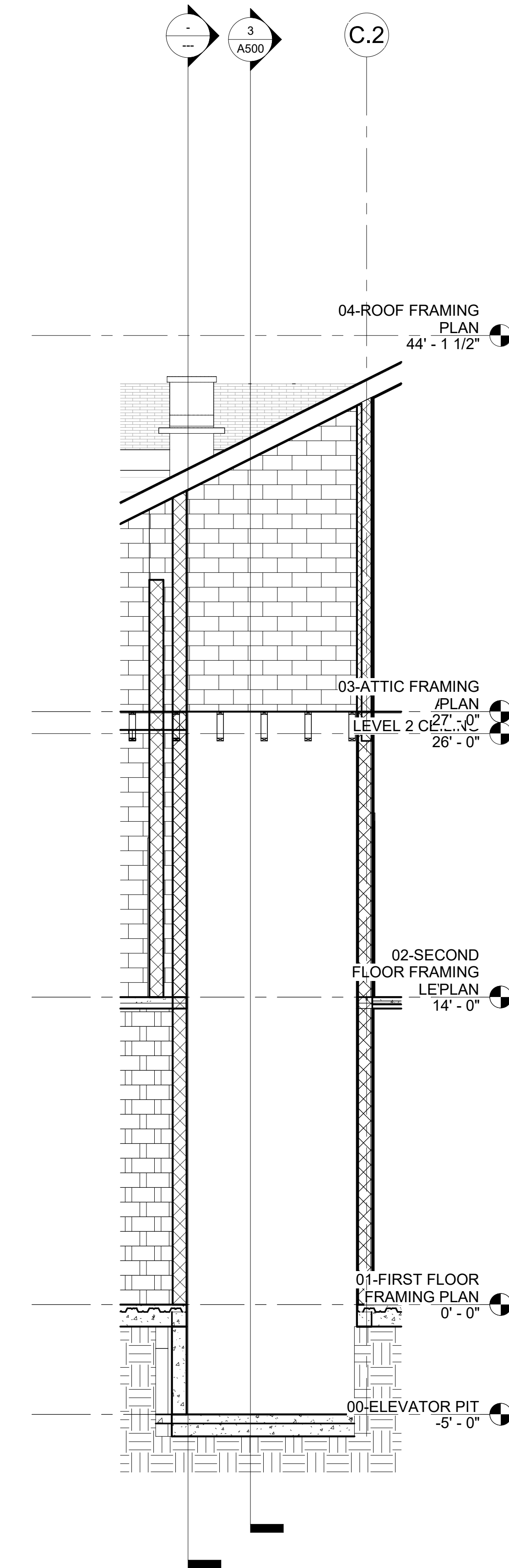
WDG Project No: 2024003

SHEET NAME

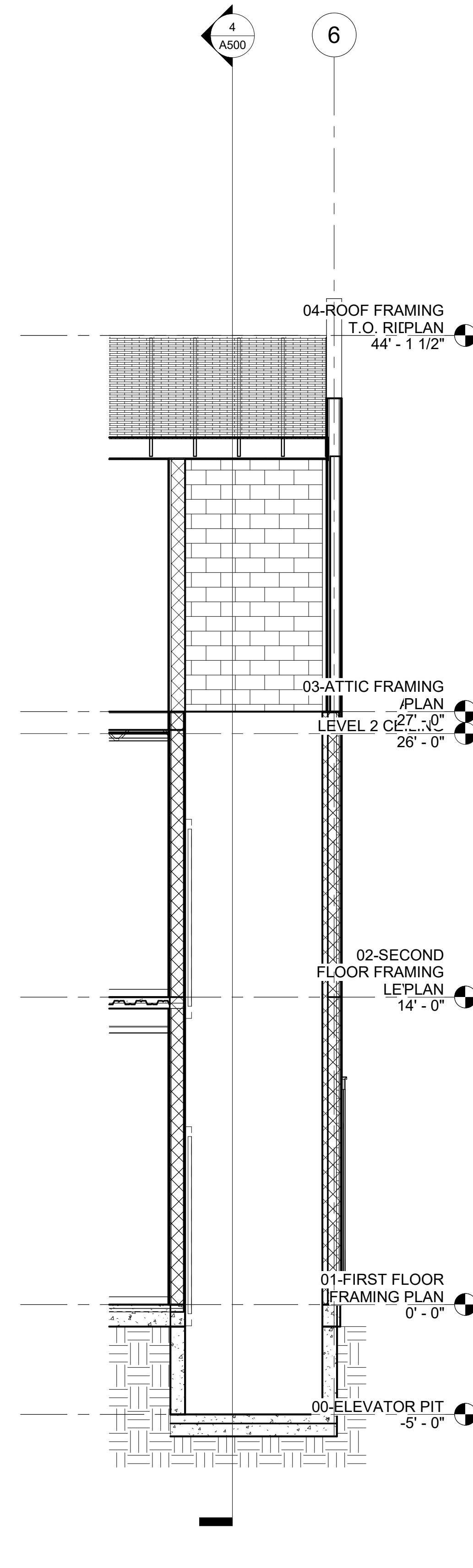
WALL SECTIONS

SHEET NO.

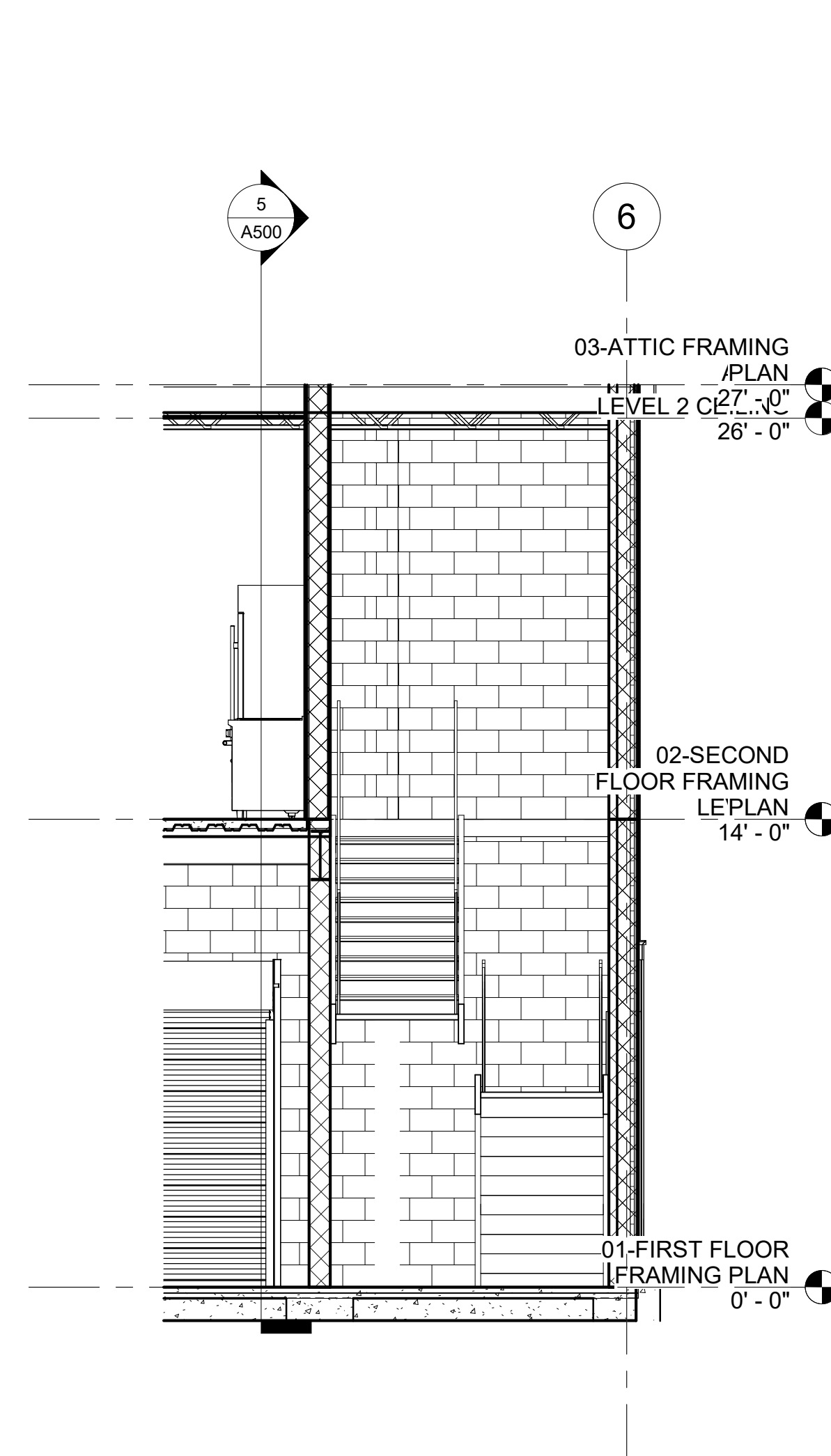
A331



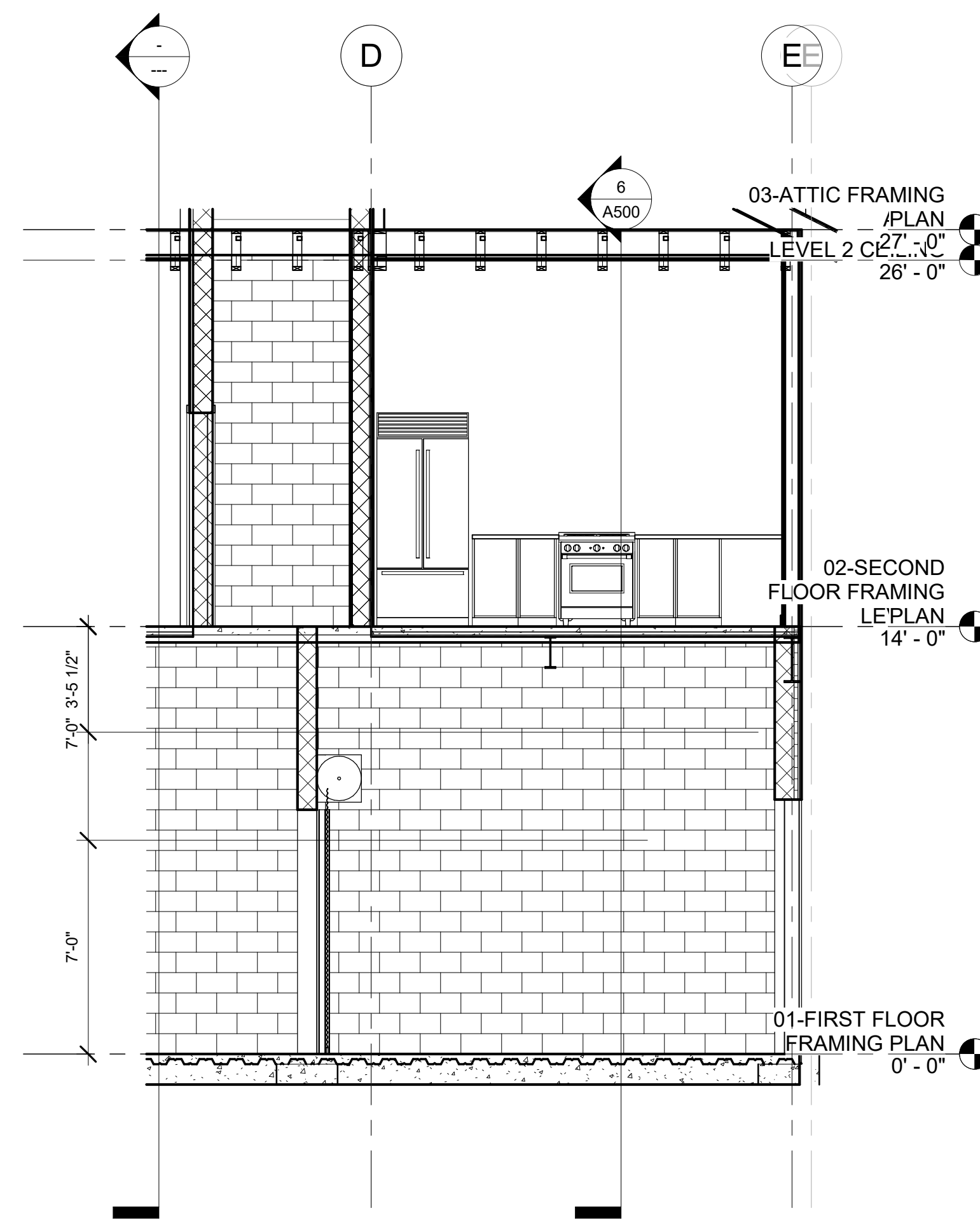
4 ELEVATOR - SECTION A
1/4" = 1'-0"



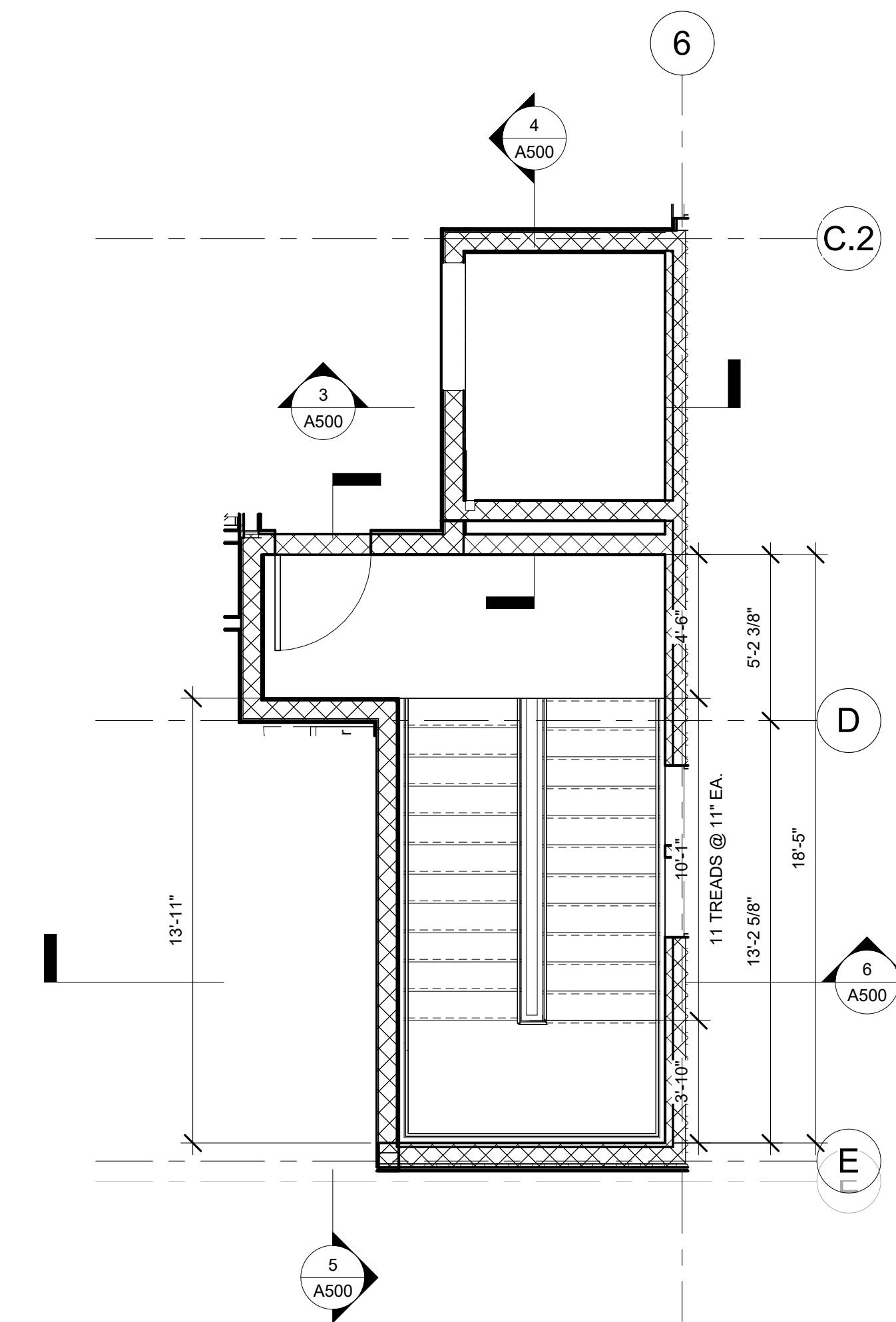
3 ELEVATOR - SECTION B
1/4" = 1'-0"



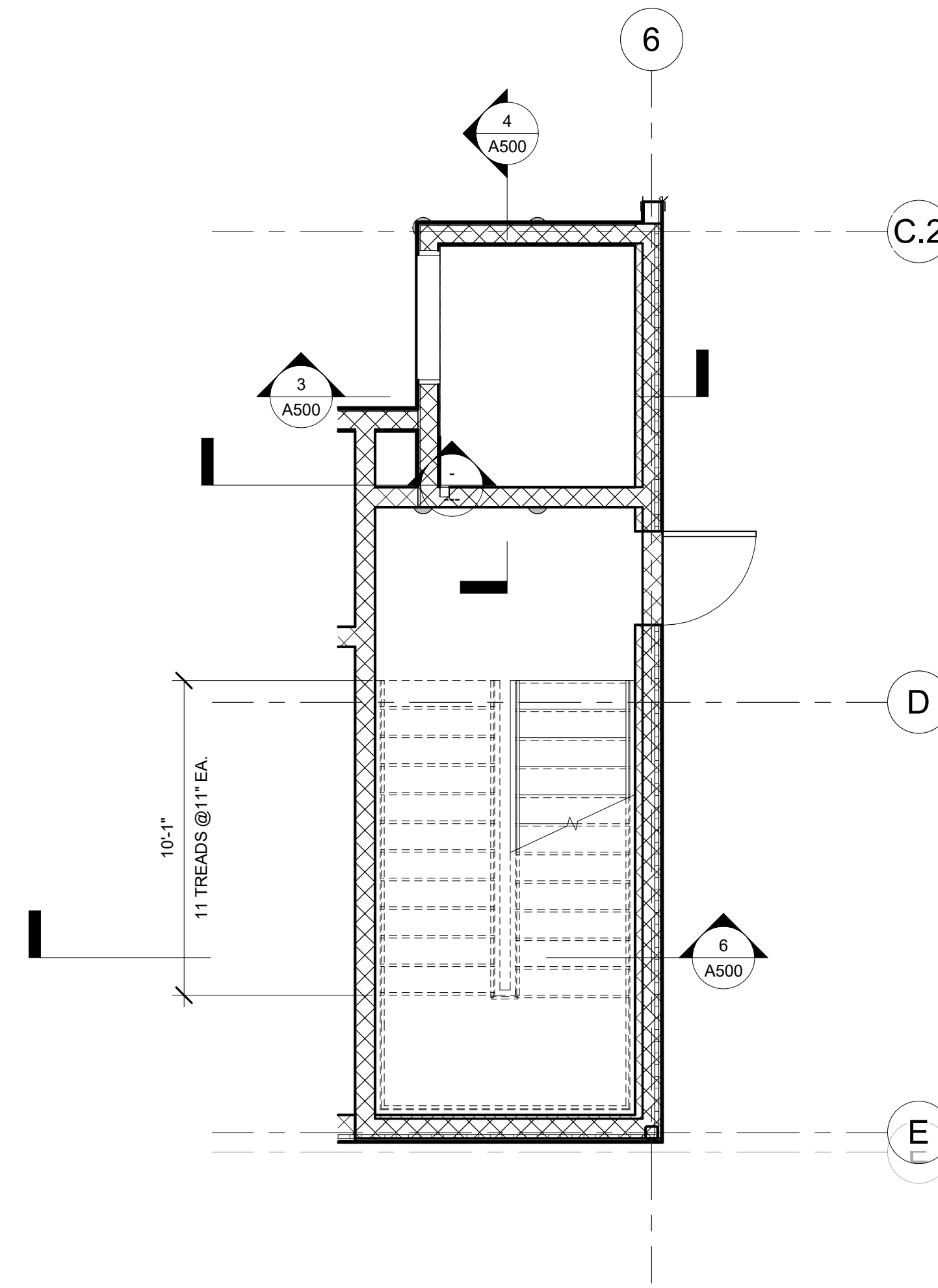
6 STAIR A - SECTION B
1/4" = 1'-0"



5 STAIR A - SECTION A
1/4" = 1'-0"



2 LEVEL 2 ENLARGED PLAN - STAIR & ELEVATOR
1/4" = 1'-0"



1 LEVEL 1 ENLARGED PLAN STAIR A & ELEVATOR
1/4" = 1'-0"

GENERAL NOTES

SHEET NOTES

LEGEND

KEY PLAN

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
ENLARGED VERTICAL CIRCULATION

SHEET NO.

A500



NOT FOR CONSTRUCTION

WDG Project No:	2024003
SHEET NAME	
ENLARGED VERTICAL CIRCULATION	
SHEET NO.	A501

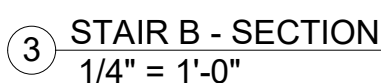
WDG Project No: 2024003

SHEET NAME

**ENLARGED VERTICAL
CIRCULATION**

SHEET NO. **A501**

KEY PLAN



HAGAN & BANKS
TERRA BELLA BUILDING - J
138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

GENERAL NOTES

SHEET NOTES

LEGEND

- F. 1. BACK SPLASH TO MATCH COUNTERTOP
F. 2. STAINLESS RANG HOOD
F. 3. GOOSE NECK WALL SCNCE
F. 4. MIRROR
F. 5. PAINTED SOLID WOOD BASE
F. 6. FIBERGLASS TUB W/ SURROUND
F. 7. STONE COUNTERTOP
F. 8. CROWN MOLDING
F. 9. WASHER/DRYER

DRAWING ISSUE

DATE	ISSUED FOR

REVISIONS

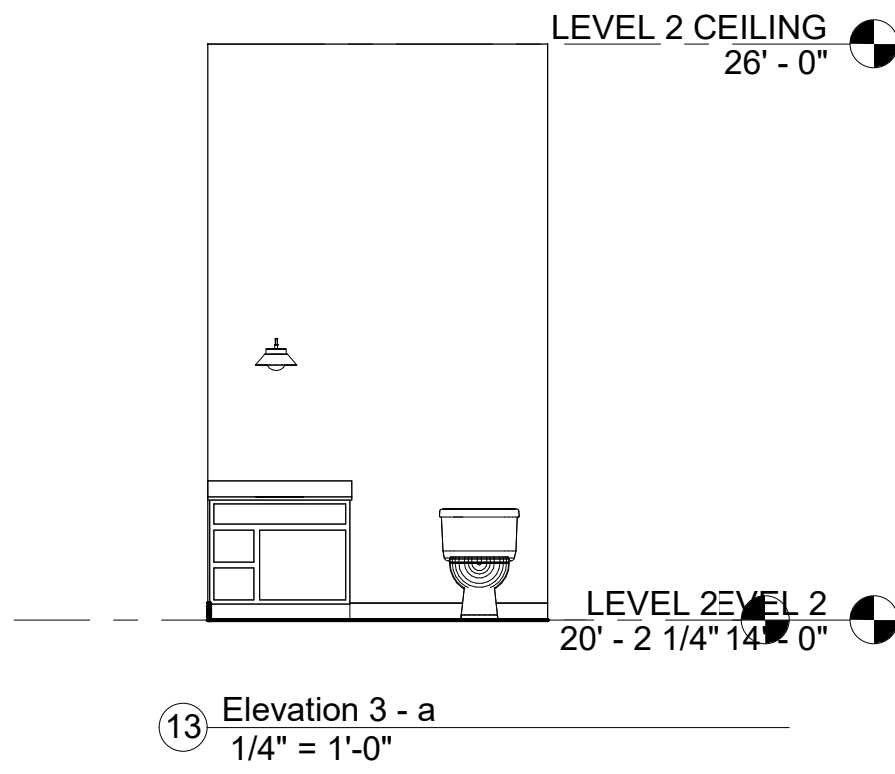
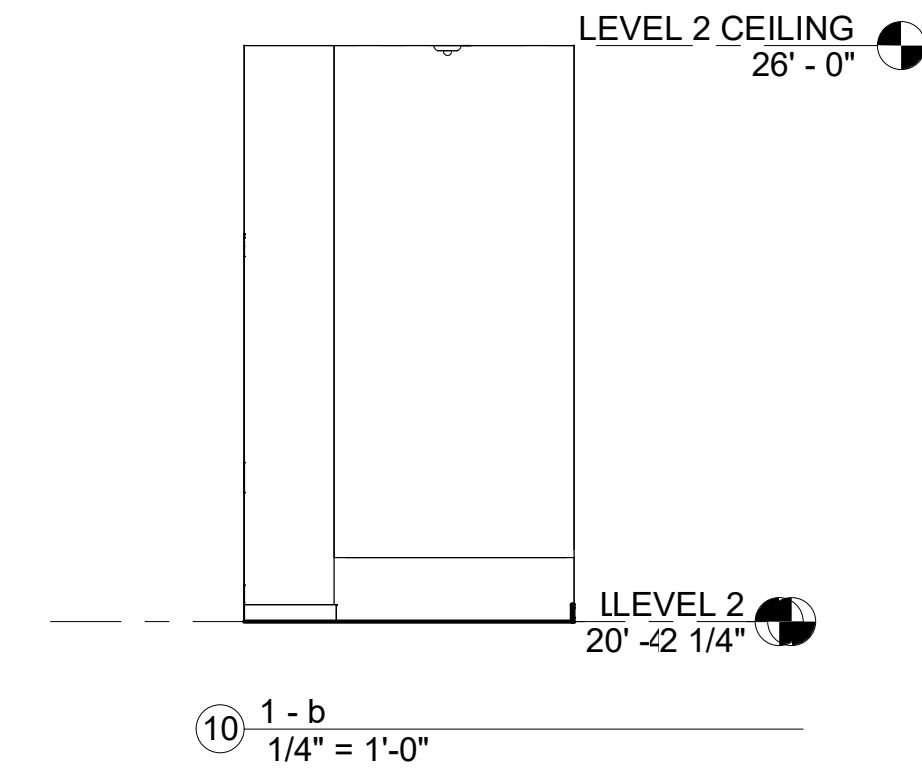
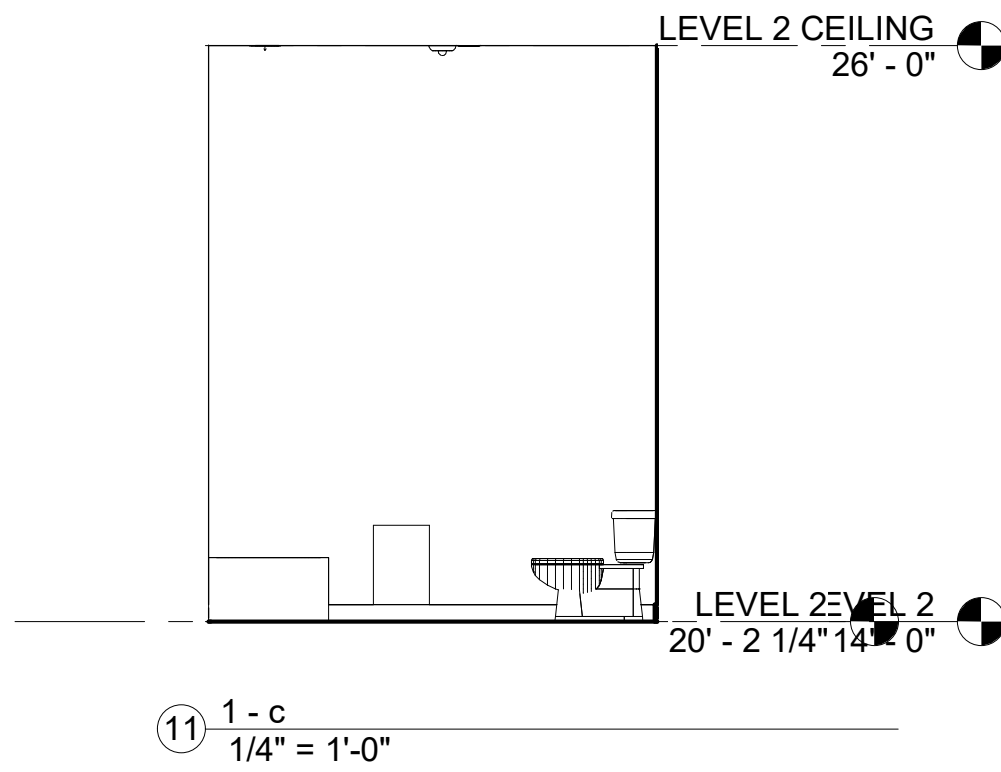
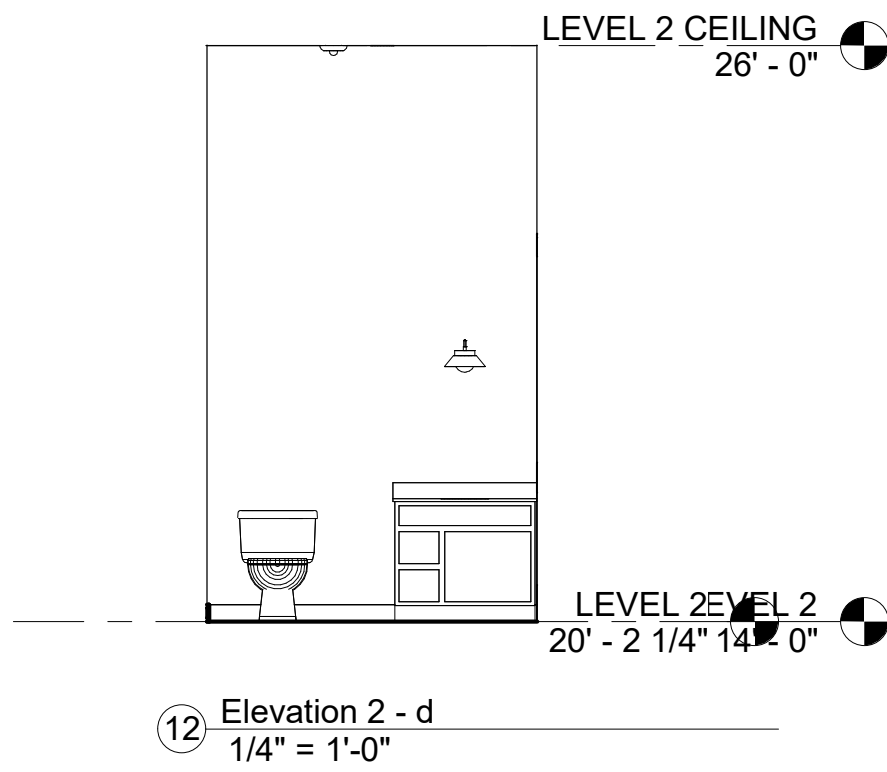
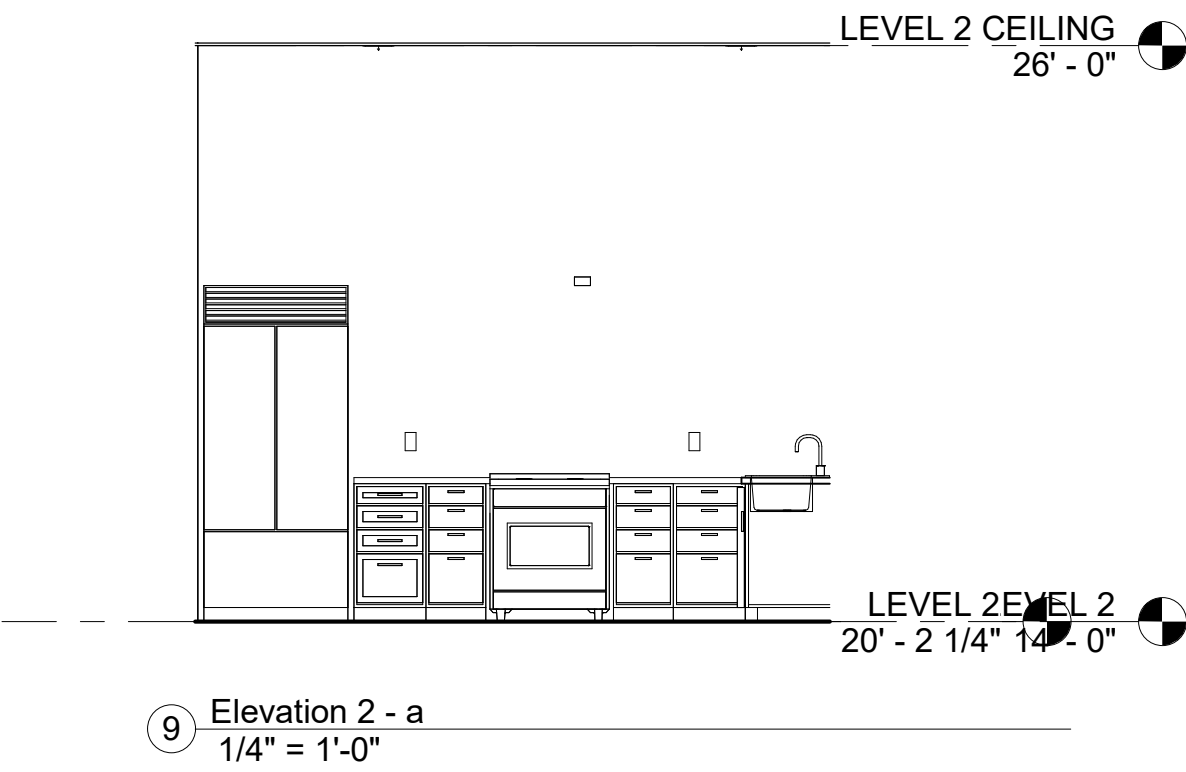
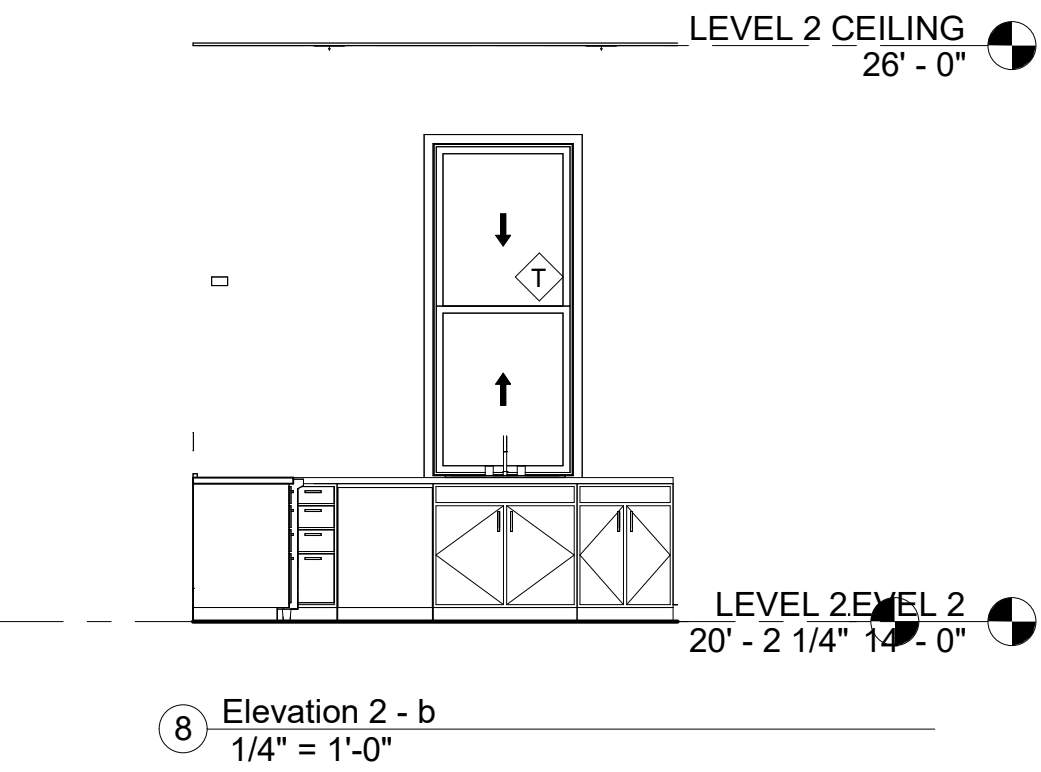
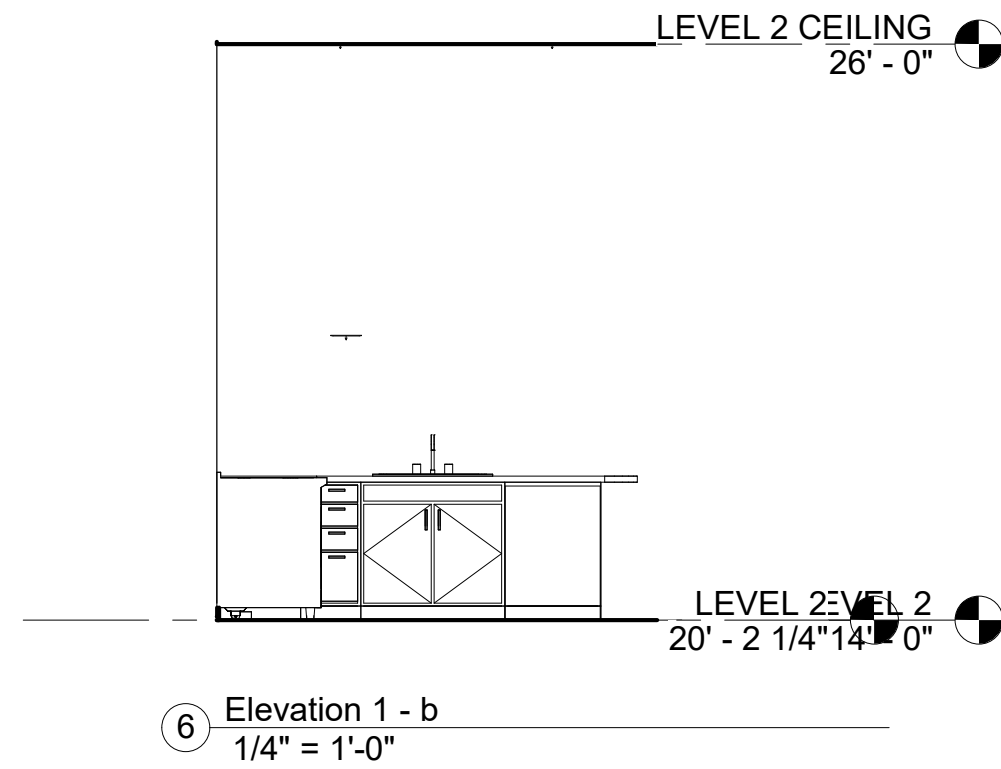
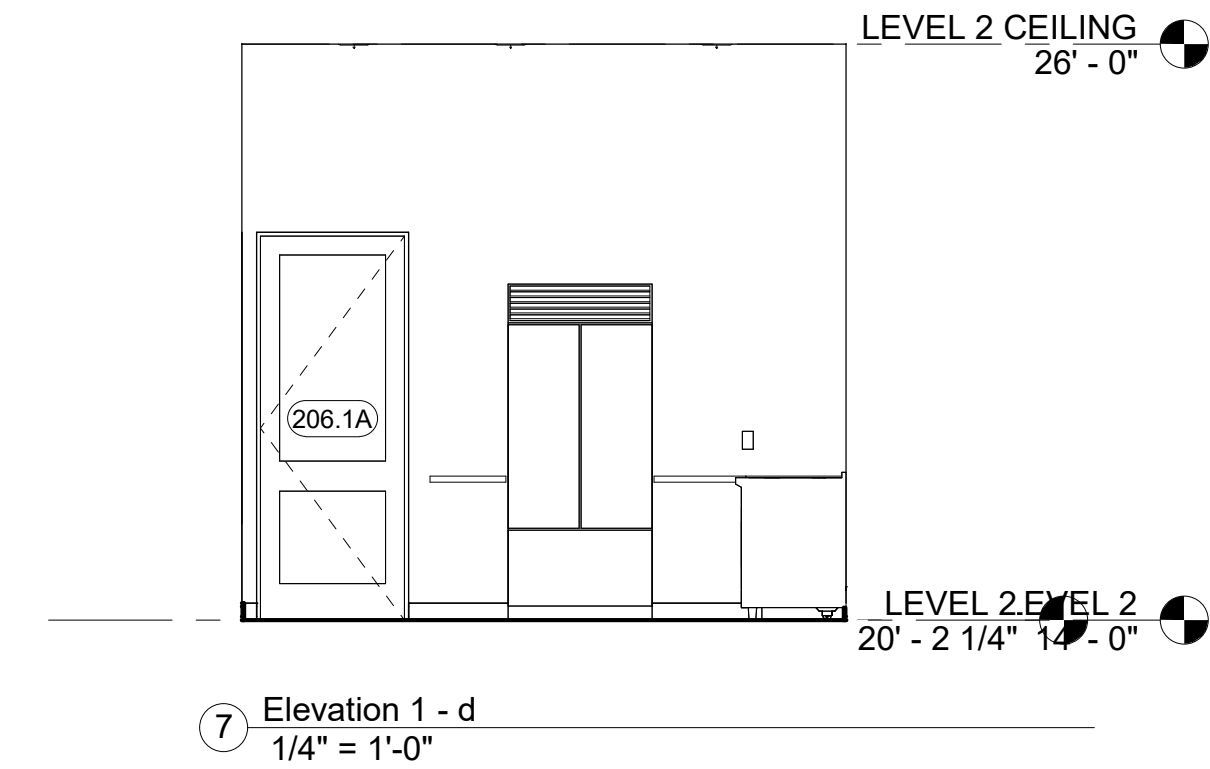
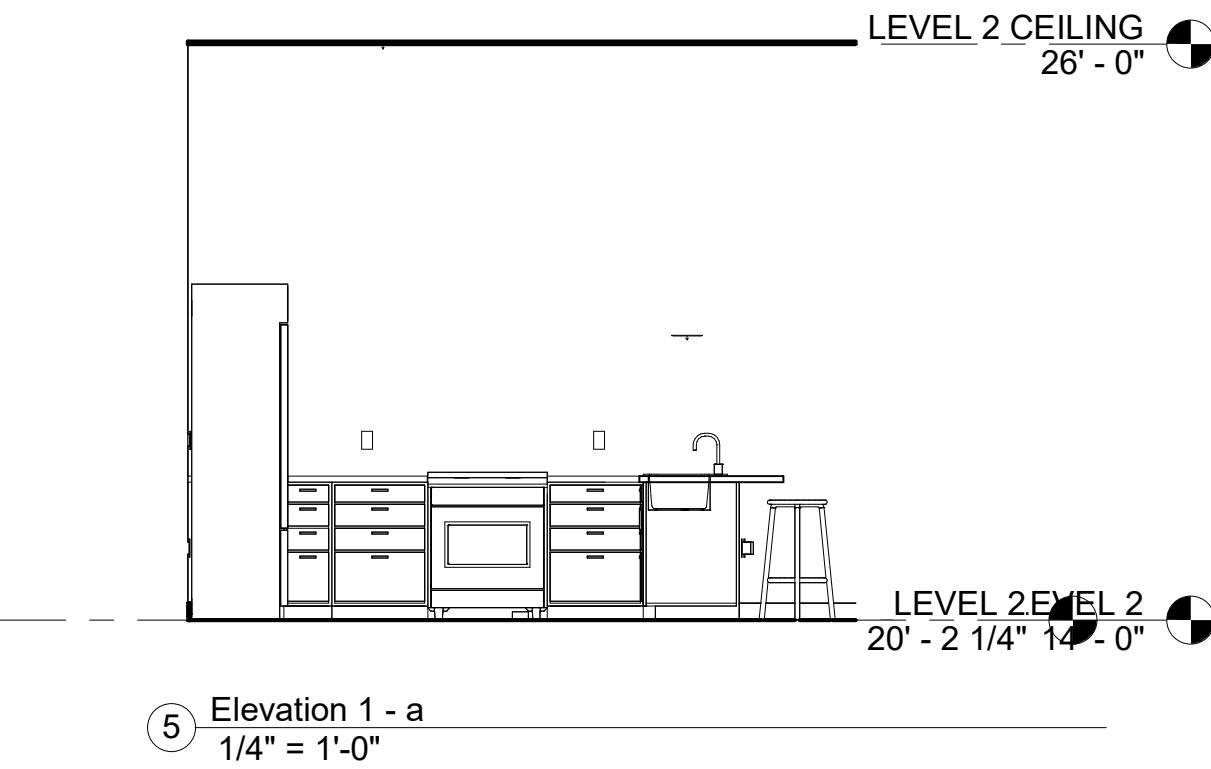
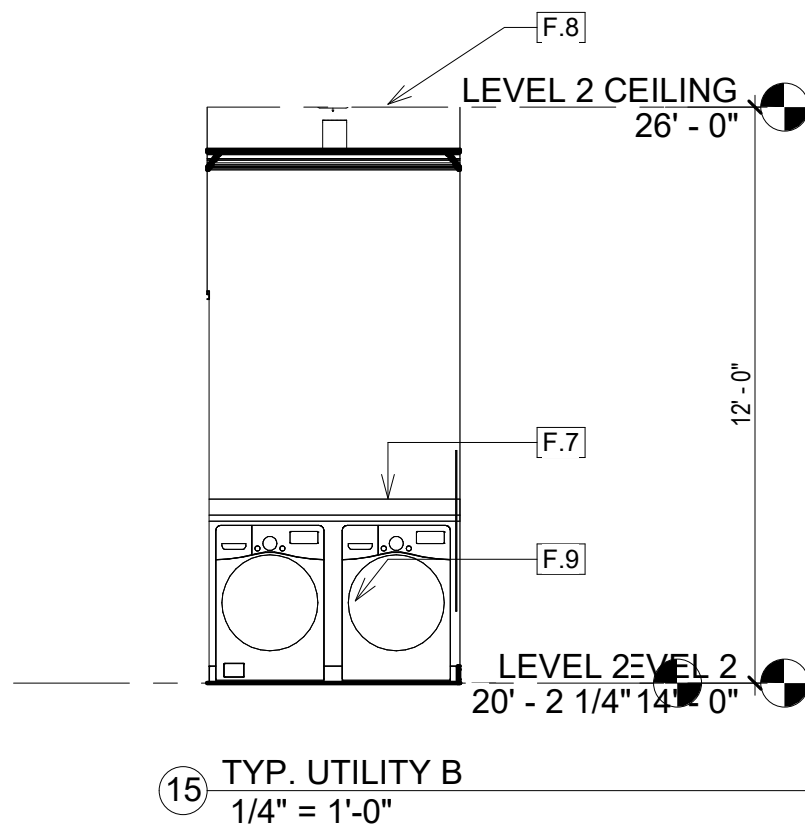
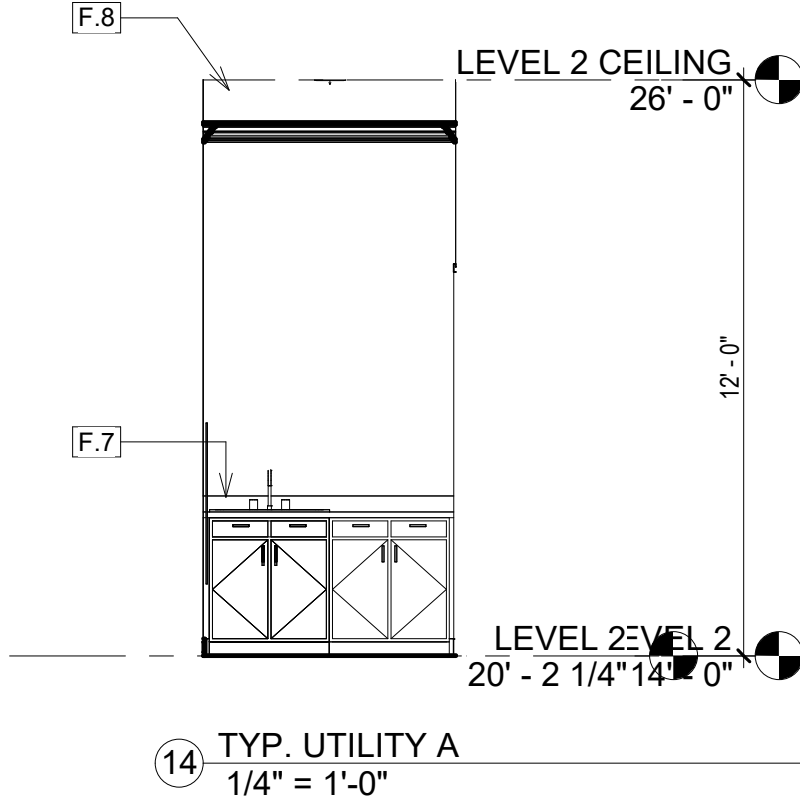
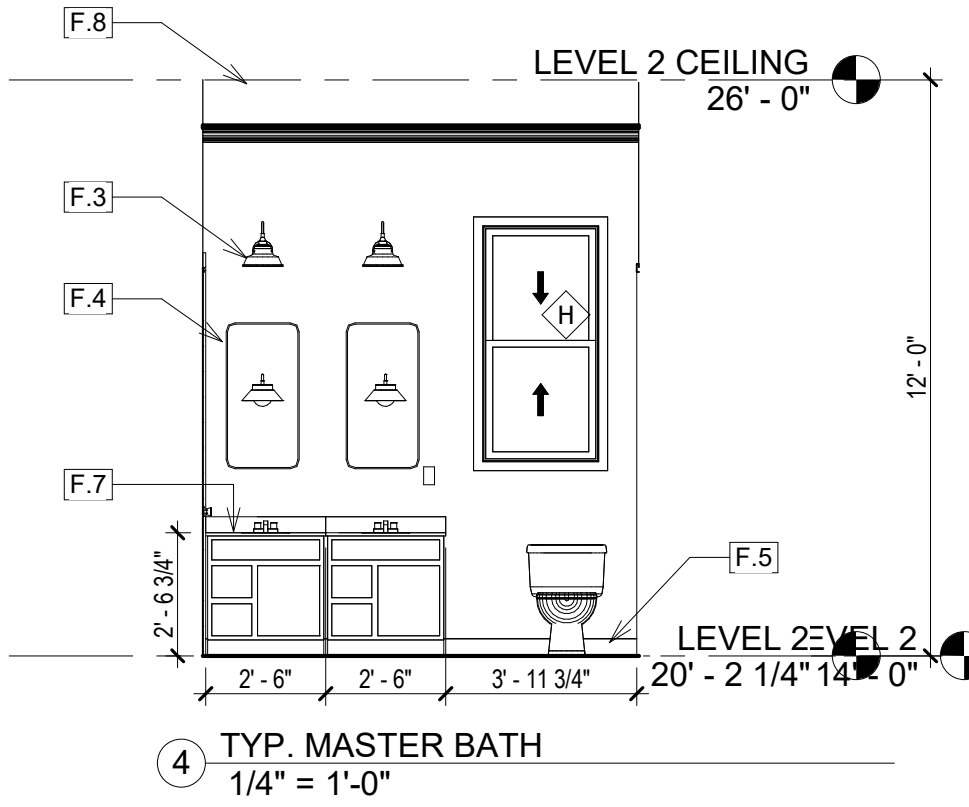
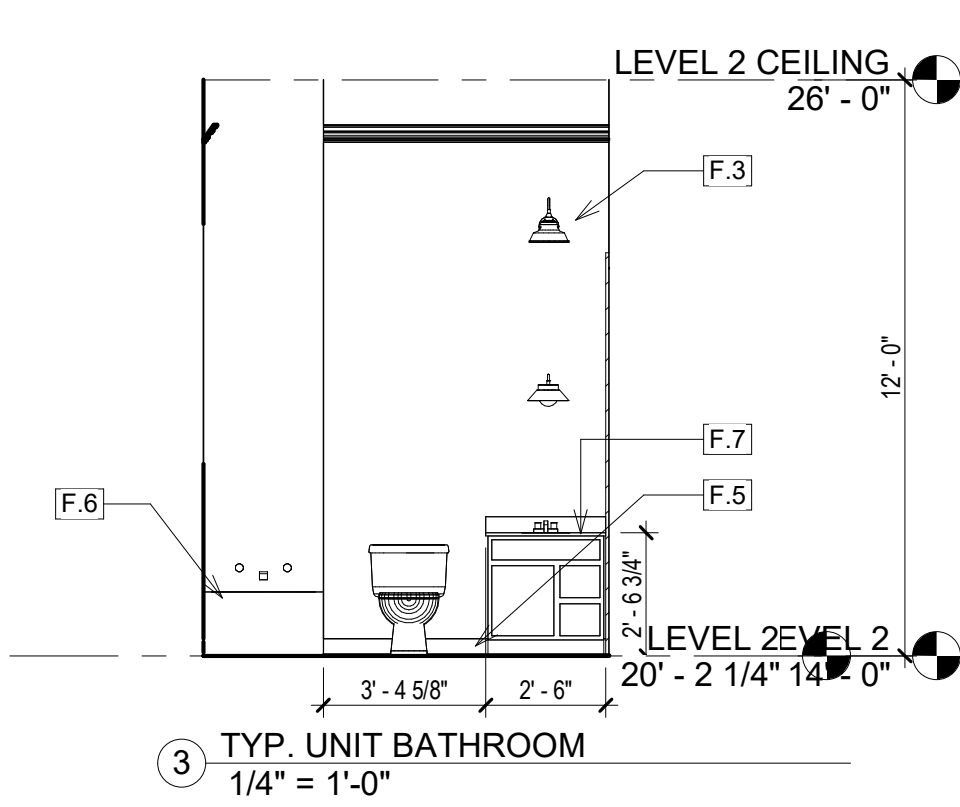
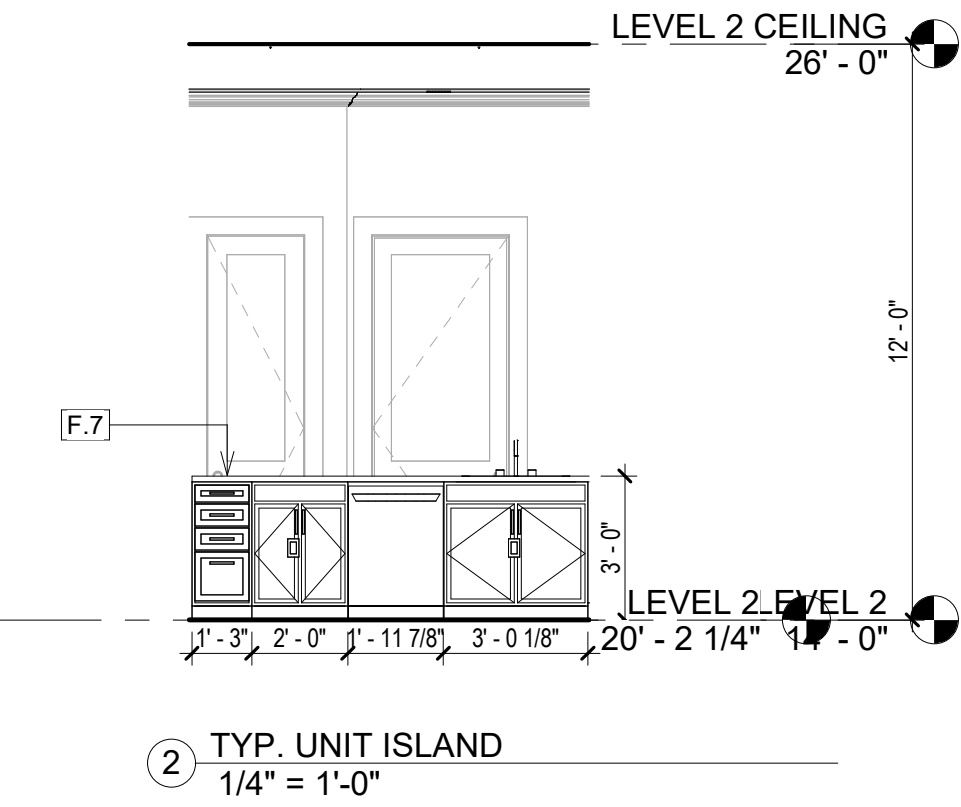
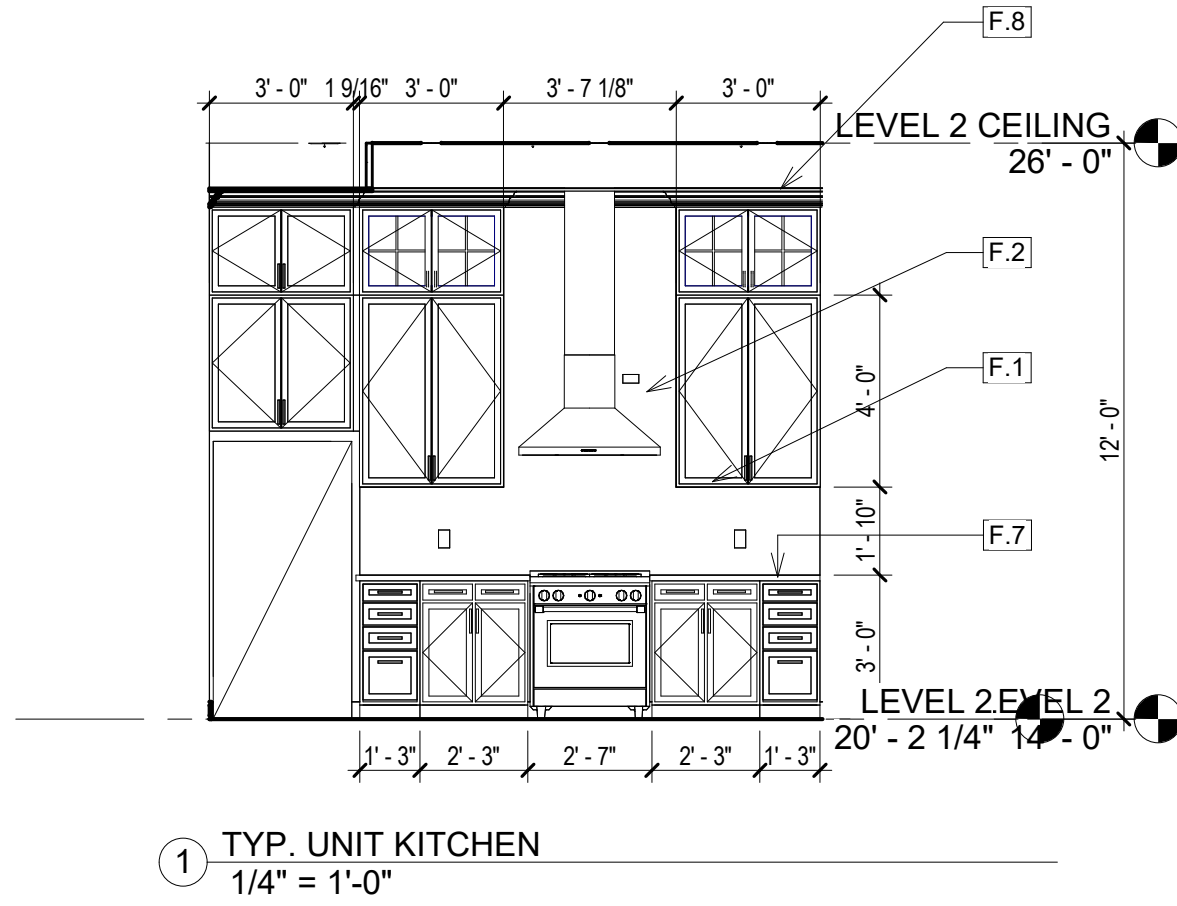
NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
INTERIOR ELEVATIONS

SHEET NO.

A600



DOOR SCHEDULE																
DOOR NO.	ROOM	WIDTH	HEIGHT	DOOR		FINISH	FRAME		FINISH	DETAILS			SIDELITE WIDTH	FIRE RATING	HARDWARE SET	REMARKS
				TYPE	MATERIAL		MATERIAL	JAMB		SILL						
LEVEL 1																
	COMMERCIAL UNIT 4	3' - 0"	8' - 0"													
100A	COMMERCIAL UNIT 1	3' - 0"	8' - 0"													
101A		3' - 0"	8' - 0"													
102A	COMMERCIAL UNIT 3	3' - 0"	8' - 0"													
103A	COMMERCIAL UNIT 4	3' - 0"	8' - 0"													
103B	COMMERCIAL UNIT 4	3' - 0"	8' - 0"													
104A	COMMERCIAL UNIT 5	3' - 0"	8' - 0"													
105AB	COMMERCIAL UNIT 6	3' - 0"	6' - 8"	G												
106A	COMMERCIAL UNIT 7	3' - 0"	8' - 0"	G												
106A	COMMERCIAL UNIT 6	3' - 0"	6' - 8"	G												
107A		3' - 6"	8' - 0"	B	HM			HM								
107B	COMMERCIAL UNIT 7	3' - 0"	8' - 0"	G												
108A		8' - 0"	8' - 0"													
109A	TRASH RM.															
110A	ELEVATOR LOBBY	3' - 0"	8' - 0"	G3												
STR1A		3' - 0"	8' - 0"	B	HM			HM						45MIN		
STR2A		3' - 0"	8' - 0"	B	HM			HM						45MIN		
LEVEL 2																
200A		3' - 0"	7' - 0"	B	HM			HM						45MIN		
200B		3' - 0"	7' - 0"	B	HM			HM						45MIN		
201.1A	FOYER	3' - 0"	8' - 0"	A	WD			WD						20MIN		
201.1B	FOYER	4' - 0"	0' - 0"													
201.2A	UTILITY	3' - 6"	8' - 0"	AA	WD			WD								
201.3A	BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
201.3B	BEDROOM	5' - 0"	8' - 0"	A	WD			WD								
201.4A	BATHROOM	2' - 10"	8' - 0"	A	WD			WD								
201.5A	GREAT ROOM	2' - 0"	8' - 0"													
201.5B	GREAT ROOM	2' - 4"	8' - 0"	A	WD			WD								
201.5C	GREAT ROOM	3' - 0"	8' - 0"	G												
201.6A	MASTER BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
201.7A	MASTER BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
201.8A	MASTER BATH	3' - 0"	8' - 0"	AA	WD			WD								
202.1A	CORRIDOR	3' - 0"	8' - 0"	A	WD			WD						20MIN		
202.1B	GREAT ROOM	4' - 0"	0' - 0"													
202.2A	FOYER	3' - 6"	8' - 0"	AA	WD			WD								
202.3A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
202.3B	BEDROOM	5' - 0"	8' - 0"	A	WD			WD								
202.4A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
202.5A	GREAT ROOM	2' - 0"	8' - 0"													
202.5B	GREAT ROOM	2' - 4"	8' - 0"	A	WD			WD								
202.5C	GREAT ROOM	3' - 0"	8' - 0"	G												
202.6A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
202.7A	MASTER BATH	2' - 10"	8' - 0"	A	WD			WD								
202.8A	WI CLOSET	3' - 0"	8' - 0"	AA	WD			WD								
203.1A	CORRIDOR	3' - 0"	8' - 0"	A	WD			WD						20MIN		
203.1B	GREAT ROOM	4' - 0"	0' - 0"													
203.2A	FOYER	3' - 6"	8' - 0"	AA	WD			WD								
203.3A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
203.3B	BEDROOM	5' - 0"	8' - 0"	A	WD			WD								
203.4A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
203.5A	GREAT ROOM	2' - 0"	8' - 0"													
203.5B	GREAT ROOM	2' - 4"	8' - 0"	A	WD			WD								
203.5C	GREAT ROOM	3' - 0"	8' - 0"	G												
203.6A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
203.8A	WI CLOSET	3' - 0"	8' - 0"	AA	WD			WD								
204.1A	FOYER	3' - 0"	8' - 0"	A	WD			WD						20MIN		
204.1B	GREAT ROOM	3' - 6"	0' - 0"													
204.1C	UTILITY	2' - 10"	6' - 8"													
204.3A	WI CLOSET	2' - 8"	8' - 0"													
204.3B	UTILITY	3' - 0"	0' - 0"													
204.4A	MASTER BATH	2' - 10"	8' - 0"	A	WD			WD								
204.5A	MASTER BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
204.5B	MASTER BEDROOM	3' - 0"	8' - 0"	G												
204.6A	GREAT ROOM	3' - 6"	0' - 0"													
204.6B	HALL	2' - 4"	8' - 0"	A	WD			WD								
204.7A	BATHROOM	2' - 10"	8' - 0"	A	WD			WD								
204.8A	GREAT ROOM	3' - 0"	8' - 0"	G												
204.9A	BEDROOM 2	2' - 10"	8' - 0"	A	WD			WD								
204.9B	BEDROOM 2	3' - 0"	8' - 0"	AA	WD			WD								
204.9C	BEDROOM 2	3' - 0"	8' - 0"	AA	WD			WD								
204.10A	BEDROOM 1	2' - 10"	8' - 0"	A	WD			WD								
204.10B	BEDROOM 1	3' - 0"	8' - 0"	AA	WD			WD								
204.10C	BEDROOM 1	3' - 0"	8' - 0"	AA	WD			WD								
205.1A	FOYER	3' - 0"	8' - 0"	A	WD			WD						20MIN		
205.2A	BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
205.2B	BEDROOM	3' - 4"	8' - 0"	A	WD			WD								
205.3A	GREAT ROOM	2' - 10"	8' - 0"	A	WD			WD								
205.4A	GREAT ROOM	4' - 6"	8' - 0"	AA	WD			WD								
205.4B	GREAT ROOM	2' - 4"	8' - 0"	A	WD			WD								
205.4C	GREAT ROOM	2' - 4"	8' - 0"	A	WD			WD								
205.4D	GREAT ROOM	3' - 0"	8' - 0"	G												
205.5A	MASTER BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
205.5B	MASTER BEDROOM	3' - 0"	8' - 0"	G												
205.6A	MASTER BATH	2' - 8"	8' - 0"													
205.7A	WI CLOSET	3' - 0"	8' - 0"	AA	WD			WD								
206.1A	GREAT ROOM	3' - 0"	8' - 0"	A	WD			WD						20MIN		
206.1B	GREAT ROOM	3' - 0"	6' - 8"	G												
206.1B	GREAT ROOM	2' - 2"	6' - 0"													
206.1C	GREAT ROOM	2' - 8"	8' - 0"													
206.3A	BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
206.3B		4' - 0"	8' - 0"													
206.4A	BATHROOM	2' - 10"	8' - 0"	A	WD			WD								
206.5A	MASTER BEDROOM	2' - 10"	8' - 0"	A	WD			WD								
206.6A	MASTER BATH	2' - 10"	8' - 0"	A	WD			WD								
206.7A	WI CLOSET	2' - 8"	8' - 0"													
207.1A	FOYER	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.1B	GREAT ROOM	3' - 4"	0' - 0"													
207.1C	FOYER	2' - 4"	8' - 0"	A	WD			WD								
207.2A	BATHROOM	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.3A	BEDROOM	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.3B	BEDROOM	4' - 0"	8' - 0"													
207.4A	GREAT ROOM	3' - 0"	8' - 0"	G												
207.5A	MASTER BEDROOM	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.6A	MASTER BATH	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.7A	WI CLOSET	3' - 0"	8' - 0"	A	WD			WD						20MIN		
207.1B	FOYER	4' - 6"	8' - 0"	AA	WD			WD								
C207A	MASTER BATH	2' - 10"	8' - 0"	A	WD			WD								

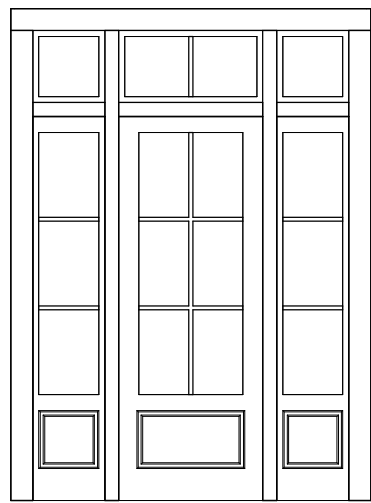
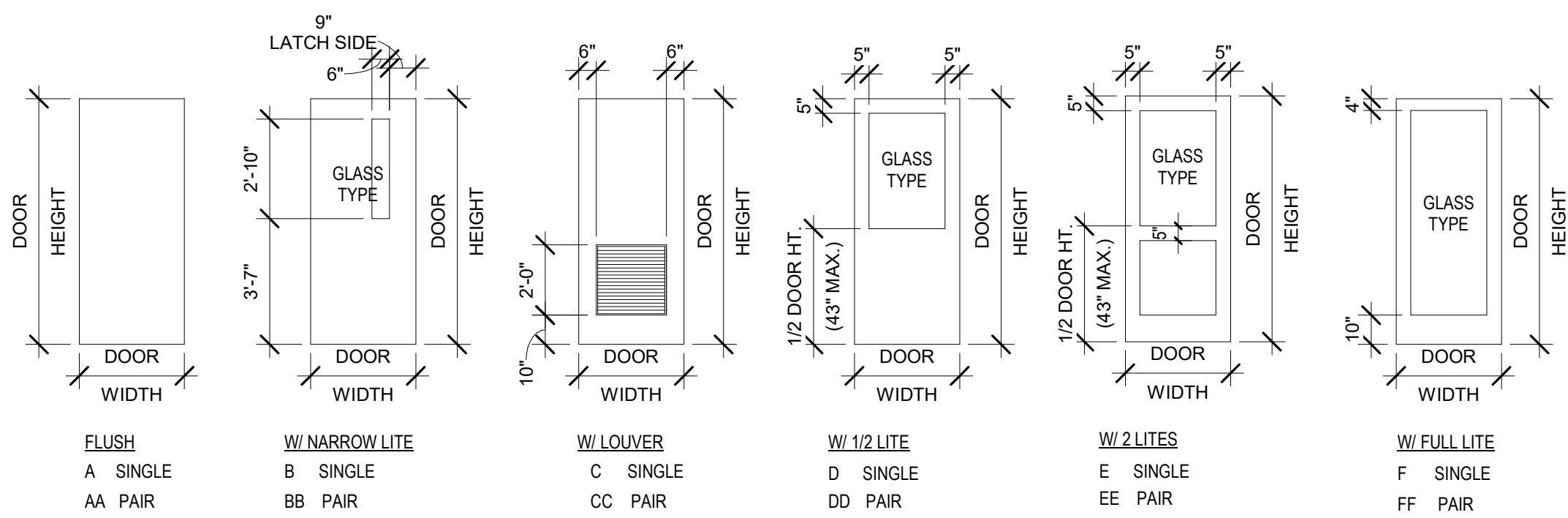
ADA STANDARDS
(404.2.10) DOOR SURFACES WITHIN 10" A.F.F. SHALL BE SMOOTH ON PUSH SIDE FULL WIDTH OF DOOR
(404.2.11) VISION LITES SHALL BE 43" MAX. A.F.F.

DOOR CRITERIA AND GENERAL NOTES:

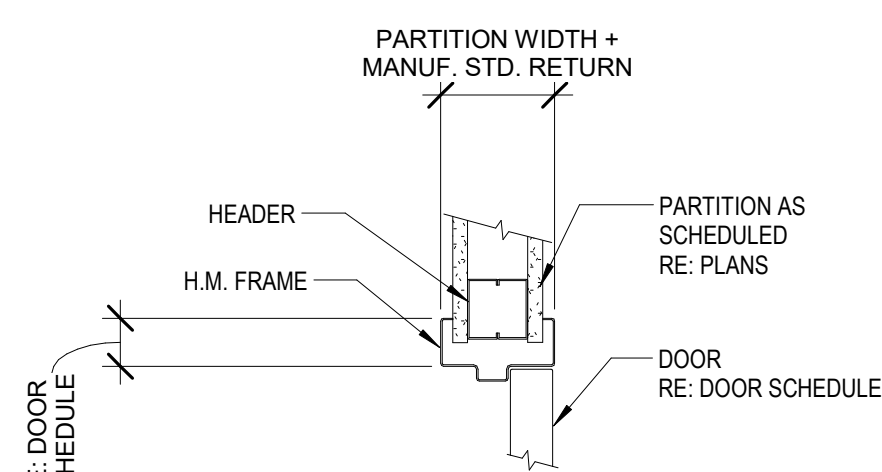
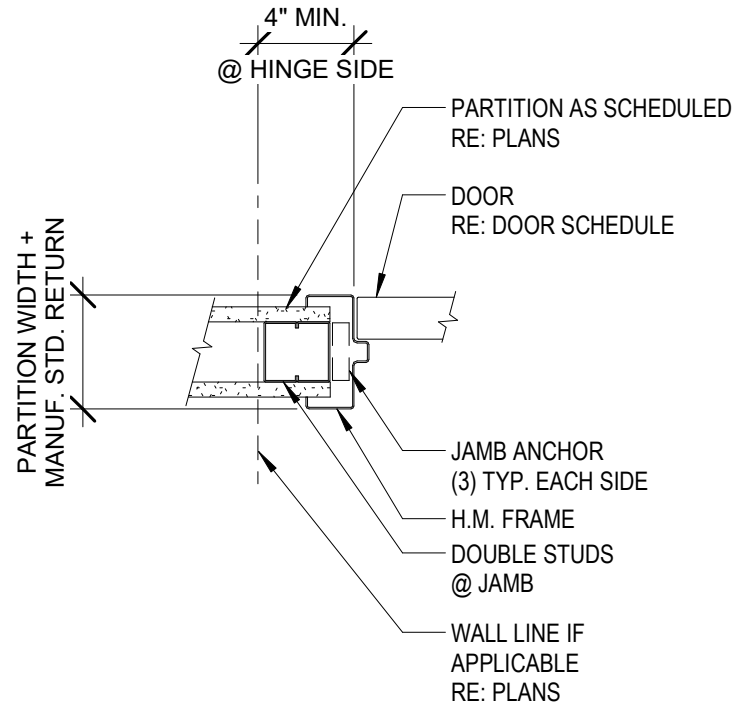
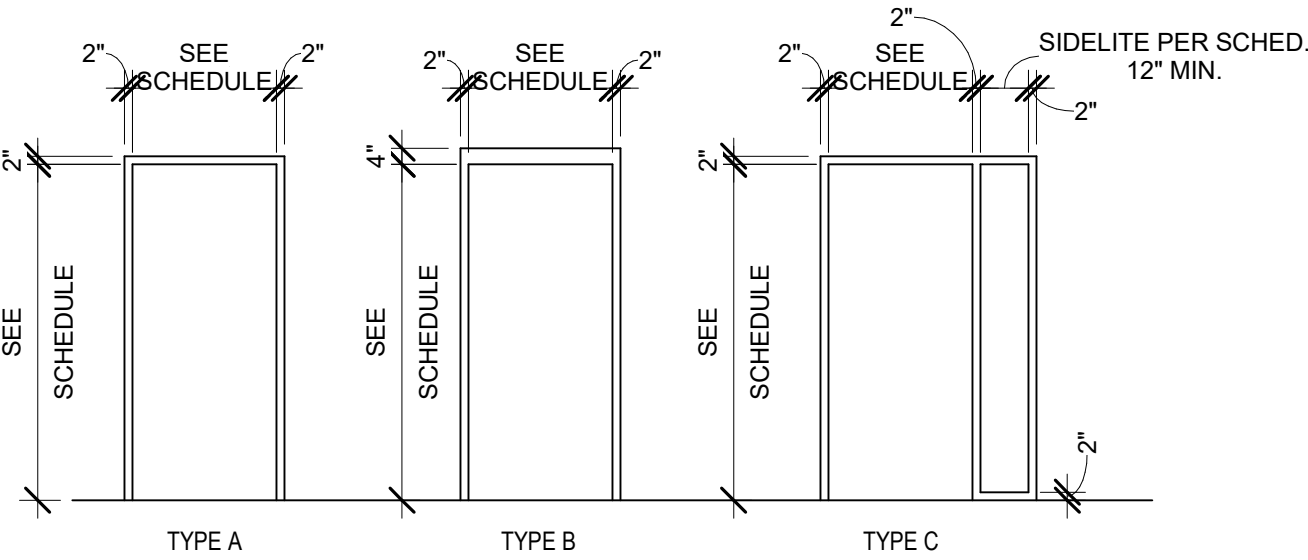
- ALL DOOR TYPES LISTED IN DOOR SCHEDULE ARE FOUND IN THE SPECIFICATION DIVISION 08.
- THE FOLLOWING EXPLANATION APPLIES TO THE DOOR SCHEDULE:
 - DOOR NUMBER
(1) THE DOOR NUMBER SHALL BE THE SAME AS THE ROOM SERVED.
(2) IF MORE THAN ONE DOOR SERVES THE SAME ROOM, EACH DOOR WILL BE ASSIGNED AN IDENTIFICATION NUMBER, CONSISTING OF THE ROOM NUMBER PLUS AN ALPHABETICAL SUFFIX. THE NUMBER OF A DOOR COMMUNICATING BETWEEN TWO ROOMS SHALL BE DETERMINED BY THE ROOM IN WHICH IT SWINGS.
 - DOOR SIZE
THE WIDTH AND HEIGHT OF THE DOOR APPEARS IN THE DOOR SCHEDULE IN FEET AND INCHES. THE DOOR SHALL BE 1 3/4" FOR HOLLOW METAL AND WOOD DOORS, UNLESS NOTED OTHERWISE.
 - DOOR TYPE
REFER TO THE DOOR SCHEDULE AND THIS SHEET FOR DOOR TYPES.
 - FRAME TYPES
REFER TO THE DOOR SCHEDULE AND THIS SHEET FOR FRAME TYPES.
 - HARDWARE GROUPS
REFER TO THE DOOR SCHEDULE, HARDWARE SPECIFICATION IN SECTION 08 71 01 AND THIS SHEET FOR HARDWARE GROUPS.
 - DETAILS
TYPICAL DETAILS REFERENCED ARE LOCATED ON SHEET

AT ALL TYPES OF EXTERIOR DOORS THAT SWING OUT, DOOR HEAD SHALL BE FLUSH AND SEALED

3.



G3



INTERIOR FINISH LEGEND						
KEY	LOCATION	MANUFACTURER (OR APPROVED EQUAL)	MODEL (OR APPROVED EQUAL)	DESCRIPTION	SIZE	REMARKS
GL-2				INTERIOR GLAZING	Interior	

ROOM FINISH SCHEDULE						
ROOM #	ROOM NAME	FLOOR	BASE	WALL	CEILING	REMARKS
100	COMMERCIAL UNIT 1					
101	COMMERCIAL UNIT 2					
102	COMMERCIAL UNIT 3					
103	COMMERCIAL UNIT 4					
104	COMMERCIAL UNIT 5					
105	COMMERCIAL UNIT 6					
106	COMMERCIAL UNIT 7					
107	GAS & WATER METER / STORAGE AREA					
108	METER RM.					
109	TRASH RM.					
110	ELEVATOR LOBBY					
200	CORRIDOR					
201.1	FOYER					
201.2	UTILITY					
201.3	BEDROOM					
201.4	BATHROOM					
201.5	GREAT ROOM					
201.6	MASTER BEDROOM					
201.7	MASTER BATH					
201.8	WI CLOSET					
201.9	BALCONY					
202.1	FOYER					
202.2	UTILITY					
202.3	BEDROOM					
202.4	BATHROOM					
202.5	GREAT ROOM					
202.6	MASTER BEDROOM					
202.7	MASTER BATH					
202.8	WI CLOSET					
202.10	BALCONY					
203.1	FOYER					
203.2	UTILITY					
203.3	BEDROOM					
203.4	BATHROOM					
203.5	GREAT ROOM					
203.6	MASTER BEDROOM					
203.7	MASTER BATH					
203.8	WI CLOSET					
204.1	FOYER					
204.2	UTILITY					
204.3	WI CLOSET					
204.4	MASTER BATH					
204.5	MASTER BEDROOM					
204.6	HALL					
204.7	BATHROOM					
204.8	GREAT ROOM					
204.9	BEDROOM 2					
204.10	BEDROOM 1					
205.1	FOYER					
205.2	BEDROOM					
205.3	BATHROOM					
205.4	GREAT ROOM					
205.5	MASTER BEDROOM					
205.6	MASTER BATH					
205.7	WI CLOSET					
206.1	GREAT ROOM					
206.2	HALL					
206.3	BEDROOM					
206.4	BATHROOM					
206.5	MASTER BEDROOM					
206.6	MASTER BATH					
206.7	WI CLOSET					
207.1	FOYER					
207.2	BATHROOM					
207.3	BEDROOM					
207.4	GREAT ROOM					
207.5	MASTER BEDROOM					
207.6	MASTER BATH					
207.7	WI CLOSET					
STR1	STAIR					
STR2	STAIR					

GENERAL NOTES

SHEET NOTES

LEGEND

WILLARD

DESIGN GROUP

4455 SAINT ROCH AVE. NEW ORLEANS, LA 70122

HAGAN & BANKS

TERRA BELLA BUILDING - J

138 TERRABELLA BLVD
COVINGTON, LA 70433

DESIGN DEVELOPMENT

DRAWING ISSUE

DATE	ISSUED FOR

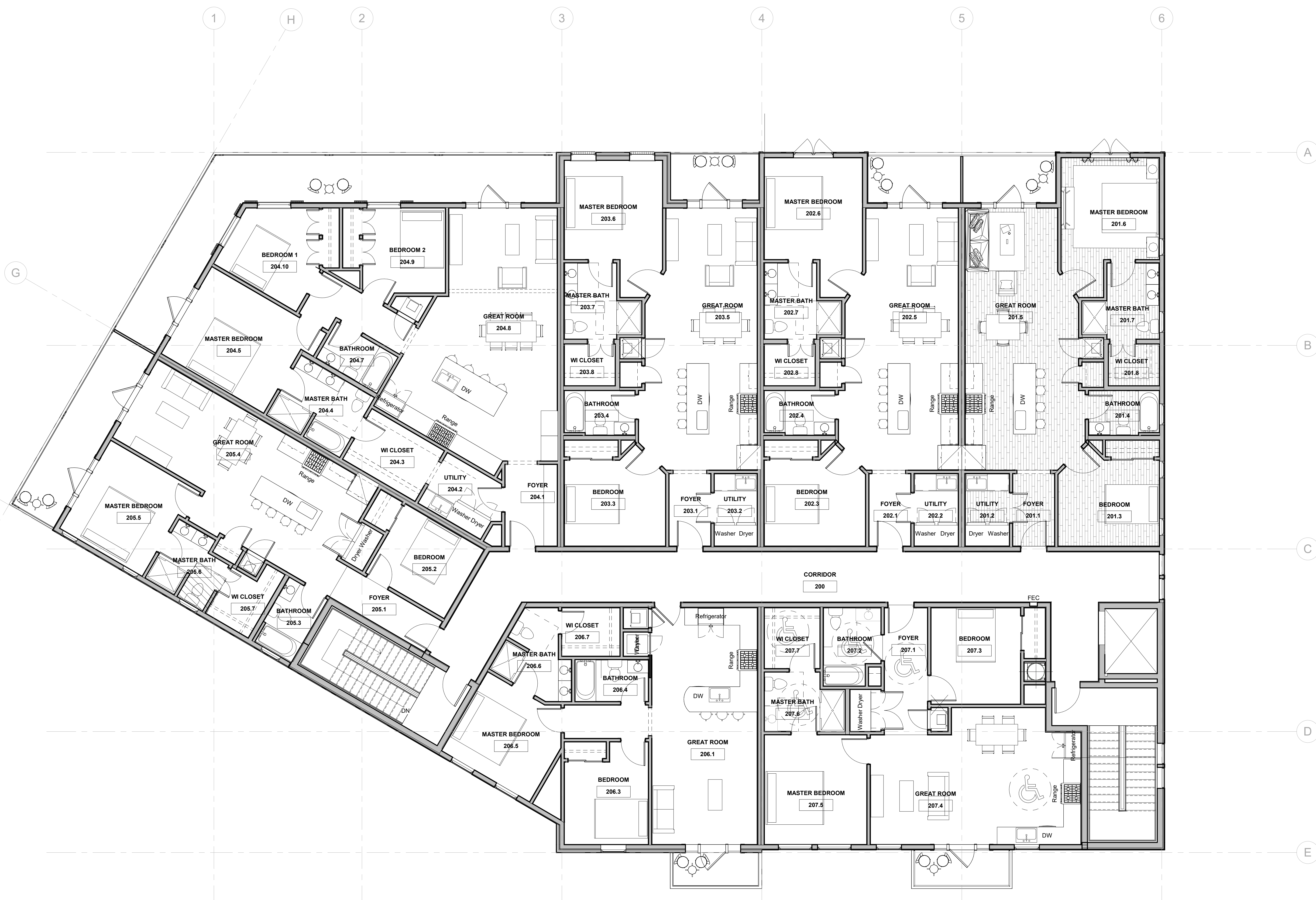
REVISIONS

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
ROOM FINISH SCHEDULE & DETAILS

SHEET NO. A900



1 LEVEL 2 FLOOR FURNITURE PLAN
3/16" = 1'-0"

GENERAL NOTES

SHEET NOTES

LEGEND

HAGAN & BANKS
TERRA BELLA BUILDING - J
138 TERRABELLA BLVD
COVINGTON, LA 70433
DESIGN DEVELOPMENT

DRAWING ISSUE

DATE ISSUED FOR

REVISIONS

NOT FOR CONSTRUCTION

WDG Project No: 2024003

SHEET NAME
LEVEL 2 FURNITURE FLOOR
PLAN

SHEET NO. **A102.3**

138 Terrbella Blvd, Covi2ngton, LA 70433

WDG Project No: 18018

SHEET NO. E1 00

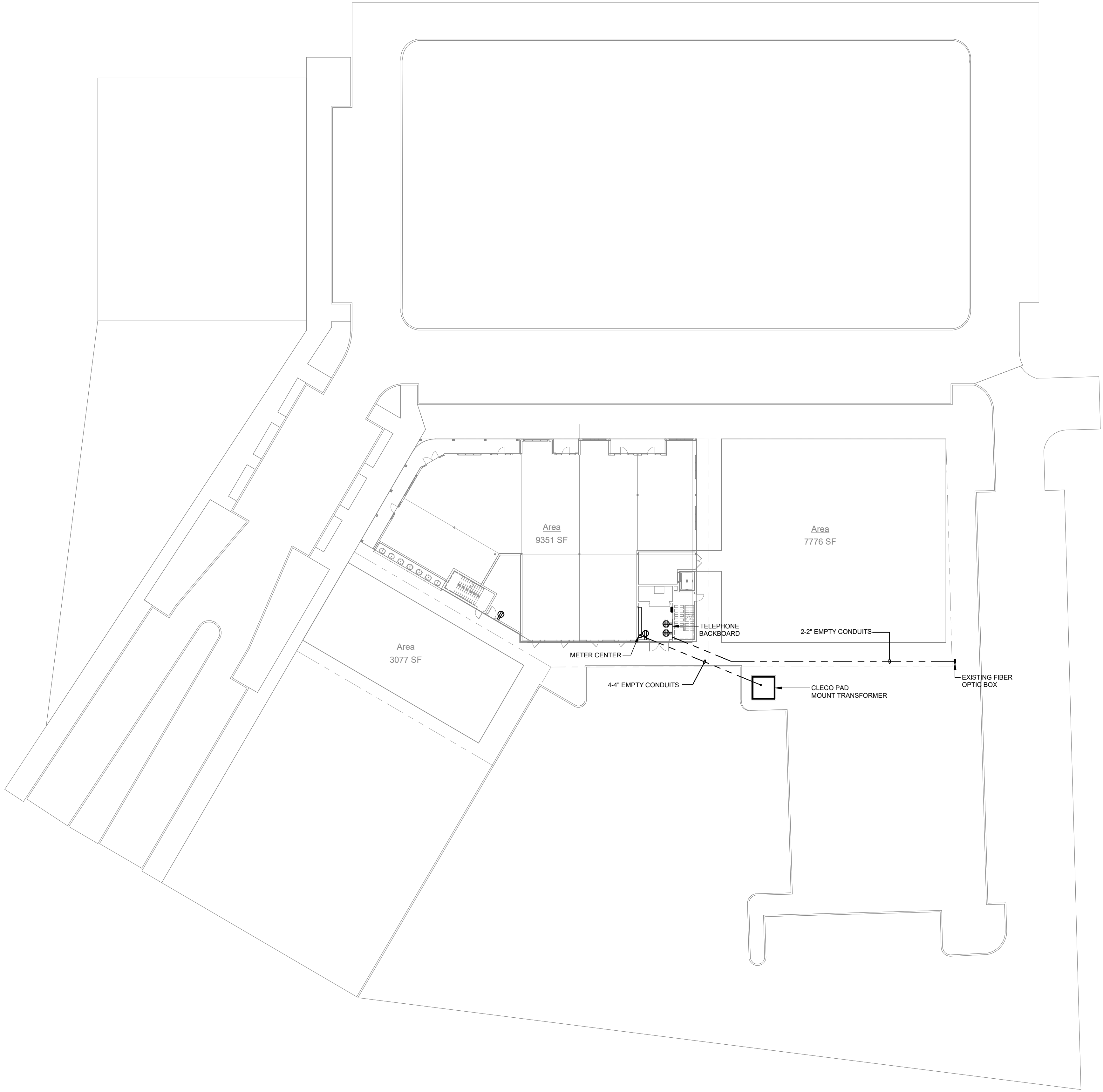
— — — — — —	CONDUIT IN OR UNDER FLOOR SLAB, OR UNDERGROUND
— — — — — —	CONDUIT EXPOSED
— — — EX — — —	EXISTING CONDUIT TO REMAIN

WP	WEATHERPROOF
WR	WEATHER RESISTANT
V	VOLTS
XFMR	TRANSFORMER

1. CONTRACTOR SHALL COORDINATE ELECTRICAL, TELEPHONE AND CATV SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO INSTALLATION OF SERVICE EQUIPMENT AND CONDUITS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE LATEST CONSTRUCTION STANDARDS FROM THE SERVICE PROVIDERS AND FULLY COMPLY WITH ALL REQUIREMENTS, WHETHER SPECIFICALLY SHOWN ON THE DRAWINGS OR NOT.

- [illegible]

F8	LED EXIT SIGN WITH BATTERY	SURE-LITES #LXP SERIES	WALL/CEILING MOUNT	120	-	LED	-	-
F9	EXTERIOR WALL SCONCE, EMERGENCY	BEGA #B24034 WITH MICRO INVERTER FOR EMERGENCY OPERATION	WALL	120	1	LED	14	3000K
F10	EXTERIOR CEILING DOWNLIGHT	BEGA #B24404	SURFACE	120	1	LED	12	3000K



① SITE PLAN - ELECTRICAL
1" = 20'-0"

CEG
CREATIVE ENGINEERING GROUP
201 HIGHLAND PARK PLAZA
CHICKEN LA TUNES
880-246-5106 WWW.CEG-FL.COM
PROJECT NO. W019P02

WILLARD
DESIGN GROUP
4405 SAINT PACHA AVE. NEW ORLEANS, LA 70122

HAGAN & BANKS
TERRA BELLA BUILDING - J
138 Terbella Blvd, Covington, LA 70433
SCHEMATIC DESIGN

DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

PRELIMINARY
NOT FOR CONSTRUCTION

WDG Project No: 18018

SHEET NAME
SITE PLAN - ELECTRICAL

SHEET NO. E2.00



HAGAN & BANKS

TERRA BELLA BUILDING - J

138 Terbella Blvd, Covington, LA 70433

SCHEMATIC DESIGN

[illegible]

**PRELIMINARY
NOT FOR CONSTRUCTION**

WDG Project No:	18018
-----------------	-------

SHEET NAME
LEVEL 1 FLOOR PLAN
-ELECTRICAL-

SHEET NO. **E3.00**

HAGAN & BANKS
TERRA BELLA BUILDING - J
138 Tert Bella Blvd, Covington, LA 70433
SCHEMATIC DESIGN

DRAWING ISSUE	
DATE	ISSUED FOR
REVISIONS	

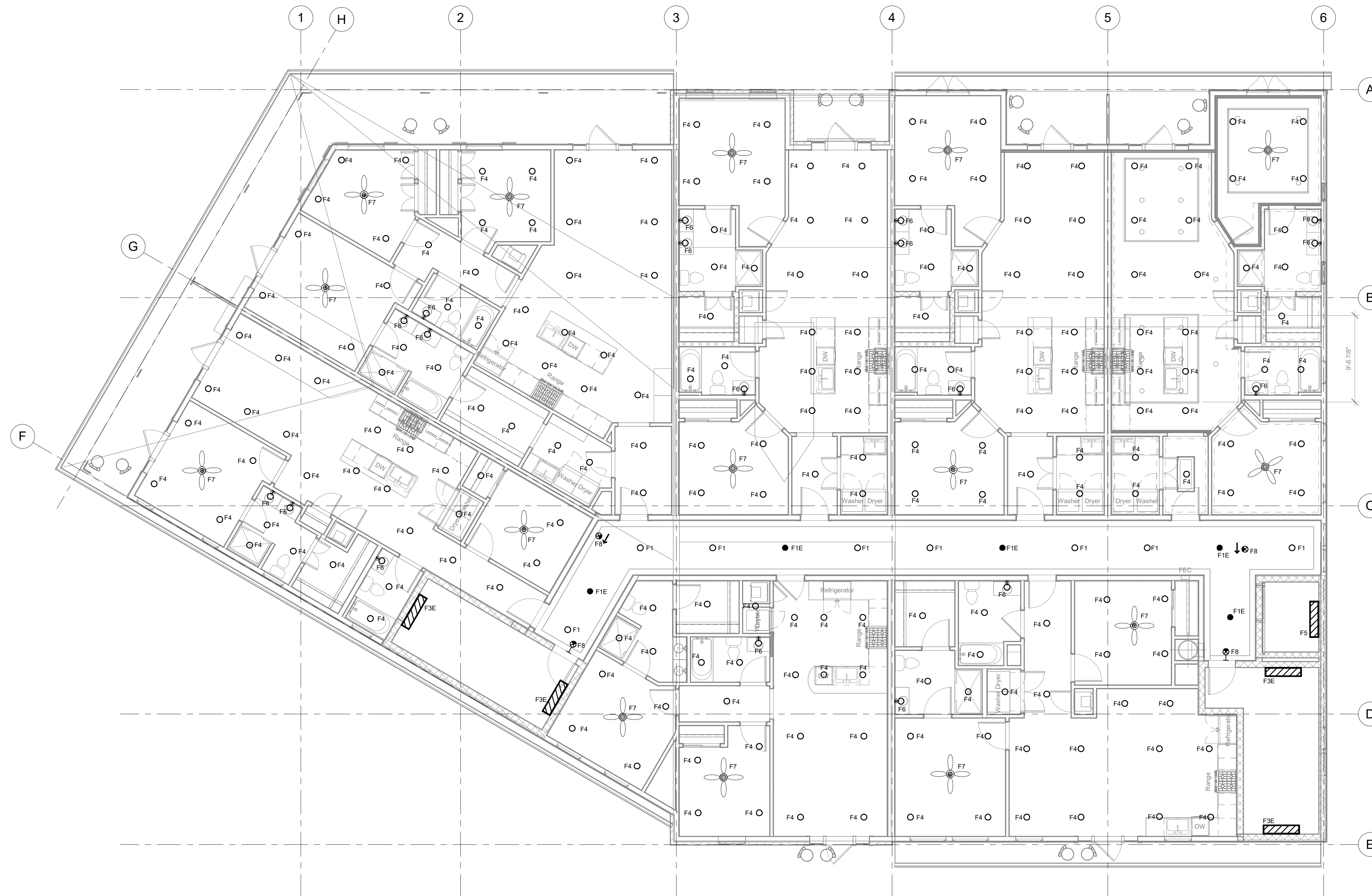
PRELIMINARY
NOT FOR CONSTRUCTION

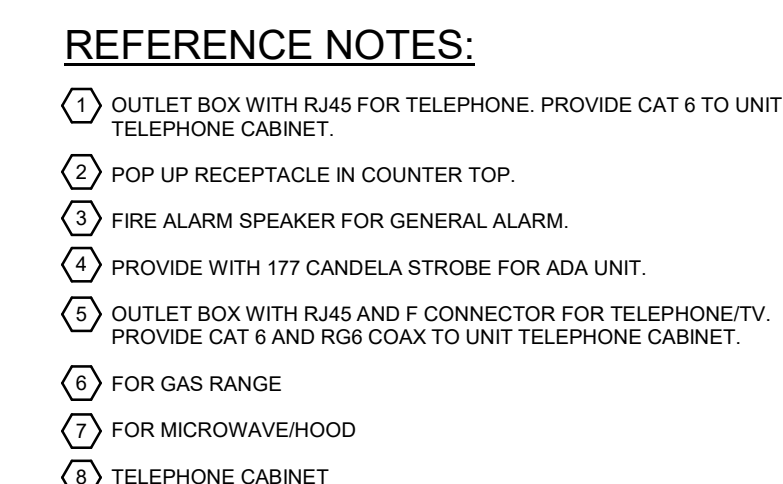
WDG Project No: 18018

SHEET NAME
LEVEL 2 CEILING PLAN -
LIGHTING

SHEET NO.
E3.01

① LEVEL 2 CEILING PLAN - LIGHTING
3/16" = 1'-0"





HAGAN & BANKS
TERRA BELLA BUILDING - J
138 Terbell Blvd, Covington, LA 70433
SCHEMATIC DESIGN

[illegible]

**PRELIMINARY
NOT FOR CONSTRUCTION**

WDG Project No:	18018
-----------------	-------

SHEET NAME
**LEVEL 2 FLOOR PLAN -
POWER & SPECIAL SYSTEMS**

SHEET NO. E3.02

