THE FRANCIS - 02.22025.00

SITE NOTES

SITE NOTES

1. THE ARCHITECTURAL REFERENCE SITE PLAN GRAPHICALLY INDICATES THE APPROXIMATE LOCATIONS OF THE IMPROVEMENTS. REFER TO CIVIL ENGINEER'S PLANS FOR ALL HORIZONTAL DIMENSIONAL CONTROL.
2. VERIFY ALL SITE DIMENSIONS, CONDITIONS, EXISTING GRADES, TREE LOCATIONS, AND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. REPORT DISCREPANCIES TO OWNER AND ARCHITECT FOR CLARIFICATION.
3. FINISH GRADE SHALL BE SLOPED AWAY FROM THE FOUNDATION FOR DRAINAGE. REFERENCE CIVIL DRAWINGS.
4. ALL INFORMATION RELATED TO THE SITE PROPERTY HAS BEEN PROVIDED BY THE OWNER'S SURVEYOR AND CIVIL ENGINEER. SEE BOUNDARY SURVEY.
5. THE CONTRACTOR SHALL LOCATE ALL UTILITY SERVICES (WATER, SEWER, GAS, ELECTRIC, TELEPHONE, CABLE TV) AND COORDINATE THE EXTENSIONS TO THE BUILDINGS.
6. REFER TO BUILDING PLANS FOR UNIT ADDRESSING SCHEME.
7. REFER TO CIVIL DRAWINGS FOR LOCATION OF SITE UTILITIES, EASEMENTS, RIGHT OF WAYS, AND FOR LOCATION OF EXISTING TREES TO REMAIN AND PROTECTION REQUIRED FOR THEM.
8. REFER TO LANDSCAPE DRAWINGS PLANS, ELEVATIONS AND SECTION OF ALL SITE FENCES, GATES, WALLS, AND OTHER SITE AMENITIES INCLUDING PERGOLAS.
9. CONTRACTOR SHALL USE TWO FOOT SMART LEVEL FOR CONFIRMATION OF SLOPES AND CROSS SLOPES AT SITE WALKWAYS AND RAMPS.

25 **SITE PLAN**

SCALE: 1" = 30'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
4	05.22.24	Design Development Progress
3	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

ARCHITECTURAL SITE PLAN

Drawn By: HC

Checked By: HC

A100

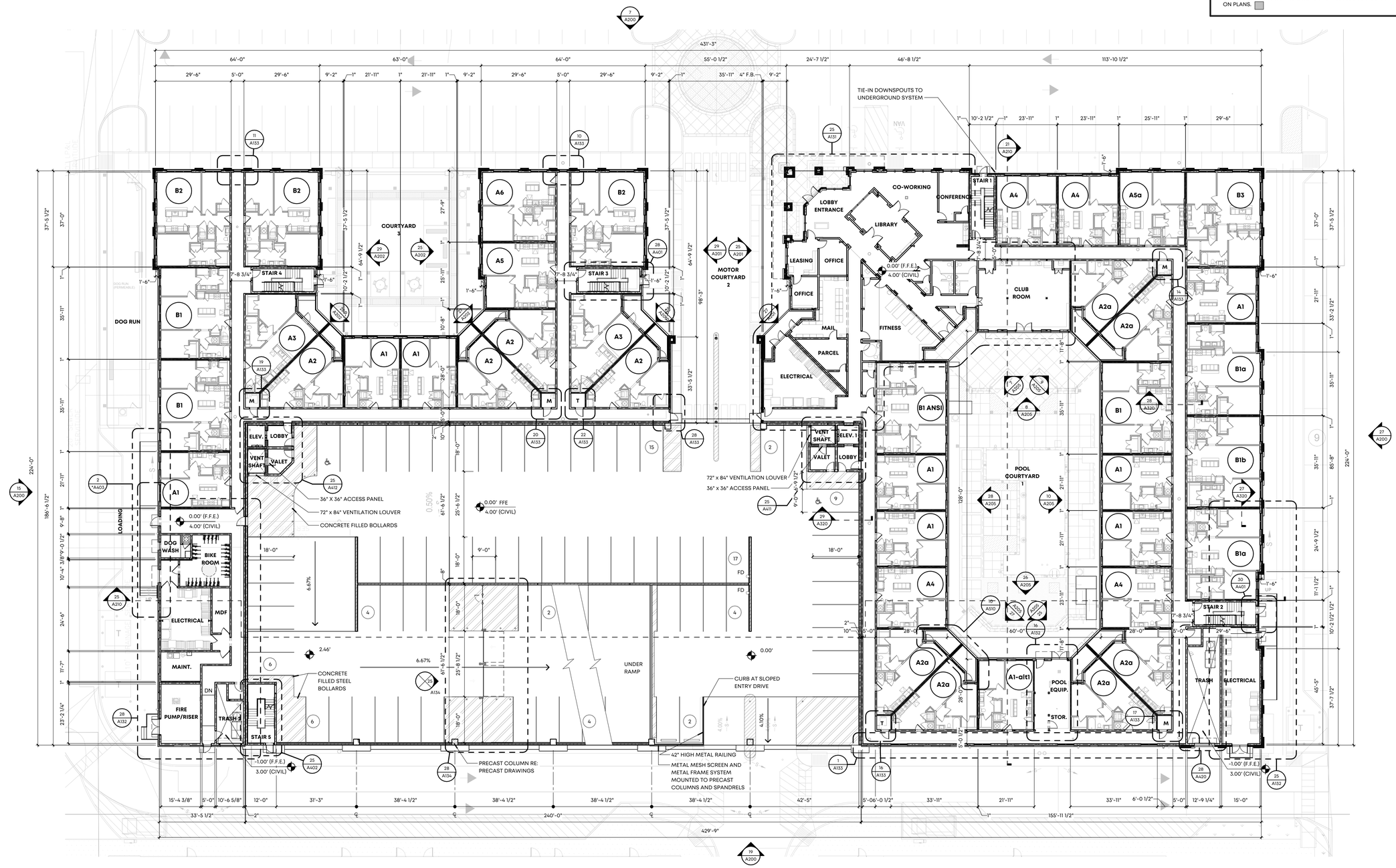
5/8/2025 5:11:27 PM C:\Users\hcolgin\Documents\122025-Elmwood-Central-R24_hcolgin.rvt

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ANSI A117.1.
2. ALL CONTROL DEVICES FOR LIGHT, POWER, HEAT, ALARMS, ETC. SHALL BE MOUNTED NO HIGHER THAN 46" FROM THE FLOOR TO THE HIGHEST OPERATIONAL ELEMENT OF THE DEVICE.
3. CONTRACTOR TO VERIFY THAT NO ELEMENT BETWEEN 27" AND 80" A.F.F. PROJECTS MORE THAN 4" INTO AN ACCESSIBLE ROUTE UNLESS IDENTIFIED WITH A CANE DETECTION ELEMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER ANSI A117.1.

PLAN NOTES

1. ORIENTATION OF THE BUILDING PLAN MAY BE DIFFERENT THAN THE ORIENTATION OF THE ARCHITECTURAL REFERENCE SITE PLAN, NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE-OF-STUD TO FACE-OF-STUD UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2X6 WOOD STUDS. REFERENCE WALL SECTIONS AND DETAILS FOR MORE INFORMATION.
4. ALL INTERIOR NON-BEARING WALLS ARE 2X4/2X6 WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALLS.
5. INTERIOR STUD WALLS NOT DIMENSIONED ARE 2X4 UNLESS NOTED OTHERWISE.
6. ALL LOAD BEARING WALLS AT LEVEL 1 ARE 2X6 UNLESS NOTED OTHERWISE. RE: STRUCTURAL DRAWINGS.
7. ALL INTERIOR WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNLESS NOTED OTHERWISE. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES PER INTERIOR DESIGN DRAWINGS.
8. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
9. LOCATE HINGE SIDE OF DOORS **6"** FROM FACE OF ADJACENT INTERSECTING PARTITION / WALL UNO. SEE **A611** FOR ADDITIONAL DOOR AND FRAME INFORMATION.
10. PROVIDE CONCEALED BLOCKING IN ALL INTERIOR PARTITIONS WHERE MOUNTING RAILINGS, CABINETS, GRAB BARS, SHELVING, COUNTERS, ETC.
11. REFERENCE **A620/A630** FOR WINDOW / STOREFRONT / LOUVER INFORMATION.
12. ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, UTILITY, CABLE TV, AND TELEPHONE EQUIPMENT SHALL BE INSTALLED SO AS NOT TO BE IN CONFLICT WITH ANY WINDOW, WINDOW SHUTTER OR SHUTTER PANEL.
13. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF AND WALL PENETRATIONS. PAINT ALL WALL PENETRATIONS TO MATCH THE ADJACENT WALL COLOR.
14. 12" X12" 2-HR CHASES FOR THE UNIT REFRIGERANT LINES ARE REQUIRED. CHASES ARE GROUPED PER 4 UNITS AND EXTEND FROM LEVEL 2 TO ROOF. SYMBOL FOR LOCATION ON PLANS.



OVERALL FLOOR PLAN - LEVEL 01

SCALE: 1/16" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL PLAN - LEVEL 01

Drawn By: CBB

Checked By: HC

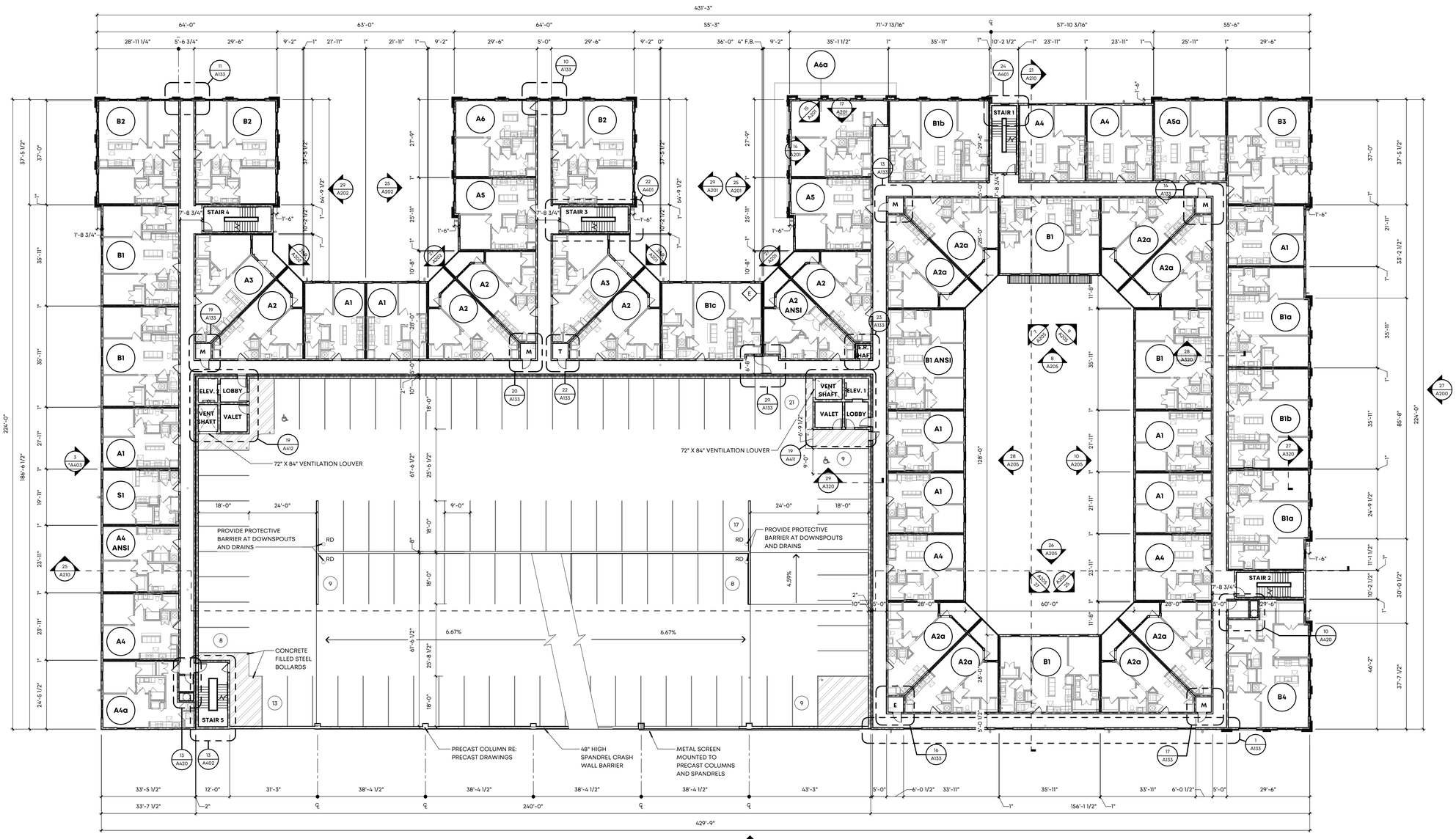
A101

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ANSI A117.1.
2. ALL CONTROL DEVICES FOR LIGHT, POWER, HEAT, ALARMS, ETC. SHALL BE MOUNTED NO HIGHER THAN 46" FROM THE FLOOR TO THE HIGHEST OPERATIONAL ELEMENT OF THE DEVICE.
3. CONTRACTOR TO VERIFY THAT NO ELEMENT BETWEEN 27" AND 80" A.F.F. PROJECTS MORE THAN 4" INTO AN ACCESSIBLE ROUTE UNLESS IDENTIFIED WITH A CANE DETECTION ELEMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER ANSI A117.1.

PLAN NOTES

1. ORIENTATION OF THE BUILDING PLAN MAY BE DIFFERENT THAN THE ORIENTATION OF THE ARCHITECTURAL REFERENCE SITE PLAN, NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE-OF-STUD TO FACE-OF-STUD UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2X6 WOOD STUDS. REFERENCE WALL SECTIONS AND DETAILS FOR MORE INFORMATION.
4. ALL INTERIOR NON-BEARING WALLS ARE 2X4/2X6 WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALLS.
5. INTERIOR STUD WALLS NOT DIMENSIONED ARE 2X4 UNLESS NOTED OTHERWISE.
6. ALL LOAD BEARING WALLS AT LEVEL 1 ARE 2X6 UNLESS NOTED OTHERWISE. RE: STRUCTURAL DRAWINGS.
7. ALL INTERIOR WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNLESS NOTED OTHERWISE. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES PER INTERIOR DESIGN DRAWINGS.
8. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
9. LOCATE HINGE SIDE OF DOORS **6"** FROM FACE OF ADJACENT INTERSECTING PARTITION / WALL UNO. SEE **A611** FOR ADDITIONAL DOOR AND FRAME INFORMATION.
10. PROVIDE CONCEALED BLOCKING IN ALL INTERIOR PARTITIONS WHERE MOUNTING RAILINGS, CABINETS, GRAB BARS, SHELVING, COUNTERS, ETC.
11. REFERENCE **A620/A630** FOR WINDOW / STOREFRONT / LOUVER INFORMATION.
12. ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, UTILITY, CABLE TV, AND TELEPHONE EQUIPMENT SHALL BE INSTALLED SO AS NOT TO BE IN CONFLICT WITH ANY WINDOW, WINDOW SHUTTER OR SHUTTER PANEL.
13. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF AND WALL PENETRATIONS. PAINT ALL WALL PENETRATIONS TO MATCH THE ADJACENT WALL COLOR.
14. 12" X12" 2-HR CHASES FOR THE UNIT REFRIGERANT LINES ARE REQUIRED. CHASES ARE GROUPED PER 4 UNITS AND EXTEND FROM LEVEL 2 TO ROOF. SYMBOL FOR LOCATION ON PLANS.



25 OVERALL FLOOR PLAN - LEVEL 02

SCALE: 1/16" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL PLAN - LEVEL 02

Drawn By: CBB

Checked By: HC

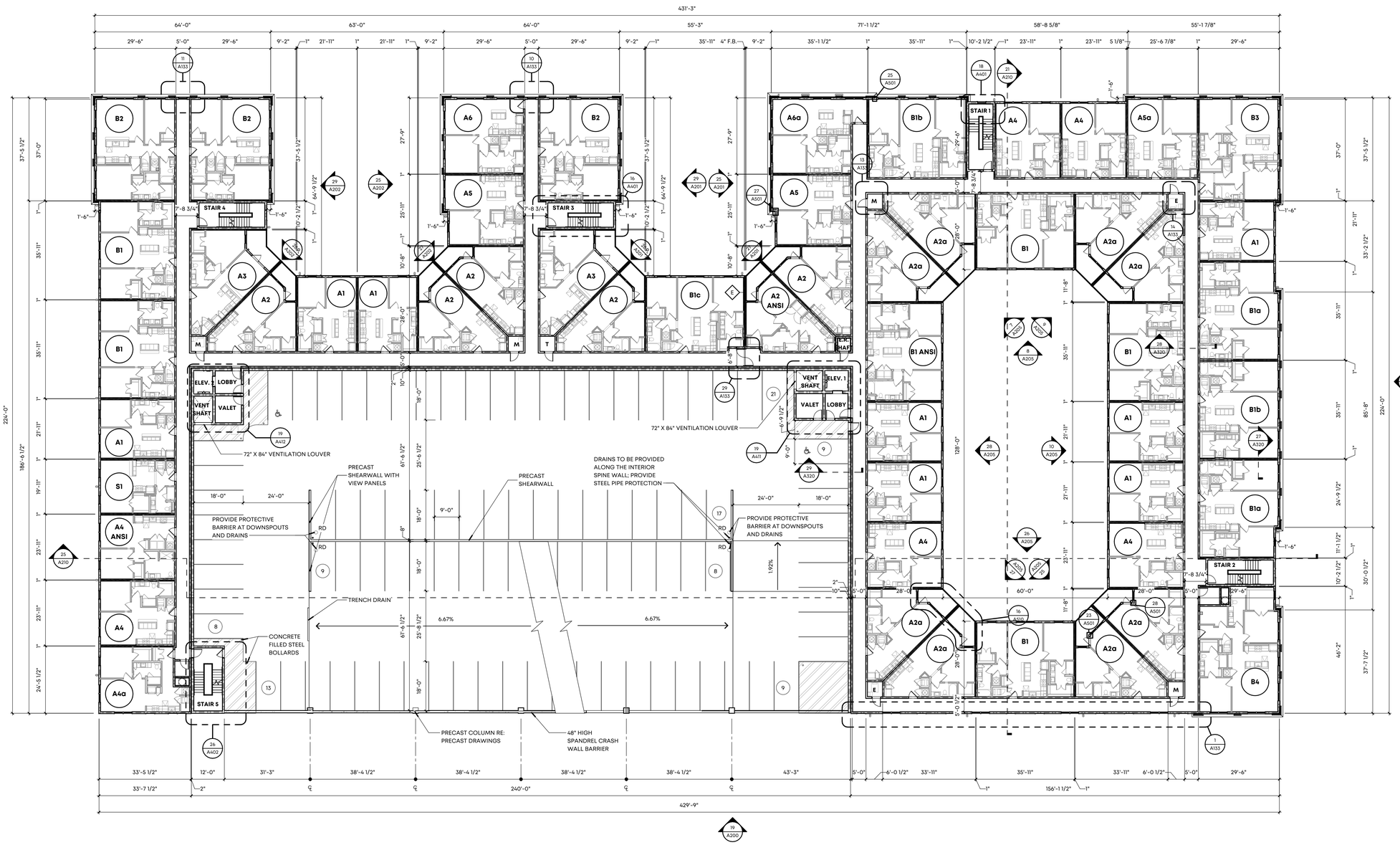
A102

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ANSI A117.1.
2. ALL CONTROL DEVICES FOR LIGHT, POWER, HEAT, ALARMS, ETC. SHALL BE MOUNTED NO HIGHER THAN 46" FROM THE FLOOR TO THE HIGHEST OPERATIONAL ELEMENT OF THE DEVICE.
3. CONTRACTOR TO VERIFY THAT NO ELEMENT BETWEEN 27" AND 80" A.F.F. PROJECTS MORE THAN 4" INTO AN ACCESSIBLE ROUTE UNLESS IDENTIFIED WITH A CANE DETECTION ELEMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER ANSI A117.1.

PLAN NOTES

1. ORIENTATION OF THE BUILDING PLAN MAY BE DIFFERENT THAN THE ORIENTATION OF THE ARCHITECTURAL REFERENCE SITE PLAN, NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE-OF-STUD TO FACE-OF-STUD UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2X6 WOOD STUDS. REFERENCE WALL SECTIONS AND DETAILS FOR MORE INFORMATION.
4. ALL INTERIOR NON-BEARING WALLS ARE 2X4/2X6 WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALLS.
5. INTERIOR STUD WALLS NOT DIMENSIONED ARE 2X4 UNLESS NOTED OTHERWISE.
6. ALL LOAD BEARING WALLS AT LEVEL 1 ARE 2X6 UNLESS NOTED OTHERWISE. RE: STRUCTURAL DRAWINGS.
7. ALL INTERIOR WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNLESS NOTED OTHERWISE. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES PER INTERIOR DESIGN DRAWINGS.
8. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
9. LOCATE HINGE SIDE OF DOORS **6"** FROM FACE OF ADJACENT INTERSECTING PARTITION / WALL UNO. SEE **A611** FOR ADDITIONAL DOOR AND FRAME INFORMATION.
10. PROVIDE CONCEALED BLOCKING IN ALL INTERIOR PARTITIONS WHERE MOUNTING RAILINGS, CABINETS, GRAB BARS, SHELVING, COUNTERS, ETC.
11. REFERENCE **A620/A630** FOR WINDOW / STOREFRONT / LOUVER INFORMATION.
12. ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, UTILITY, CABLE TV, AND TELEPHONE EQUIPMENT SHALL BE INSTALLED SO AS NOT TO BE IN CONFLICT WITH ANY WINDOW, WINDOW SHUTTER OR SHUTTER PANEL.
13. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF AND WALL PENETRATIONS. PAINT ALL WALL PENETRATIONS TO MATCH THE ADJACENT WALL COLOR.
14. 12" X12" 2-HR CHASES FOR THE UNIT REFRIGERANT LINES ARE REQUIRED. CHASES ARE GROUPED PER 4 UNITS AND EXTEND FROM LEVEL 2 TO ROOF. SYMBOL FOR LOCATION ON PLANS.



25 OVERALL FLOOR PLAN - LEVEL 03

SCALE: 1/16" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL PLAN - LEVEL 03

Drawn By: CBB

Checked By: HC

A103

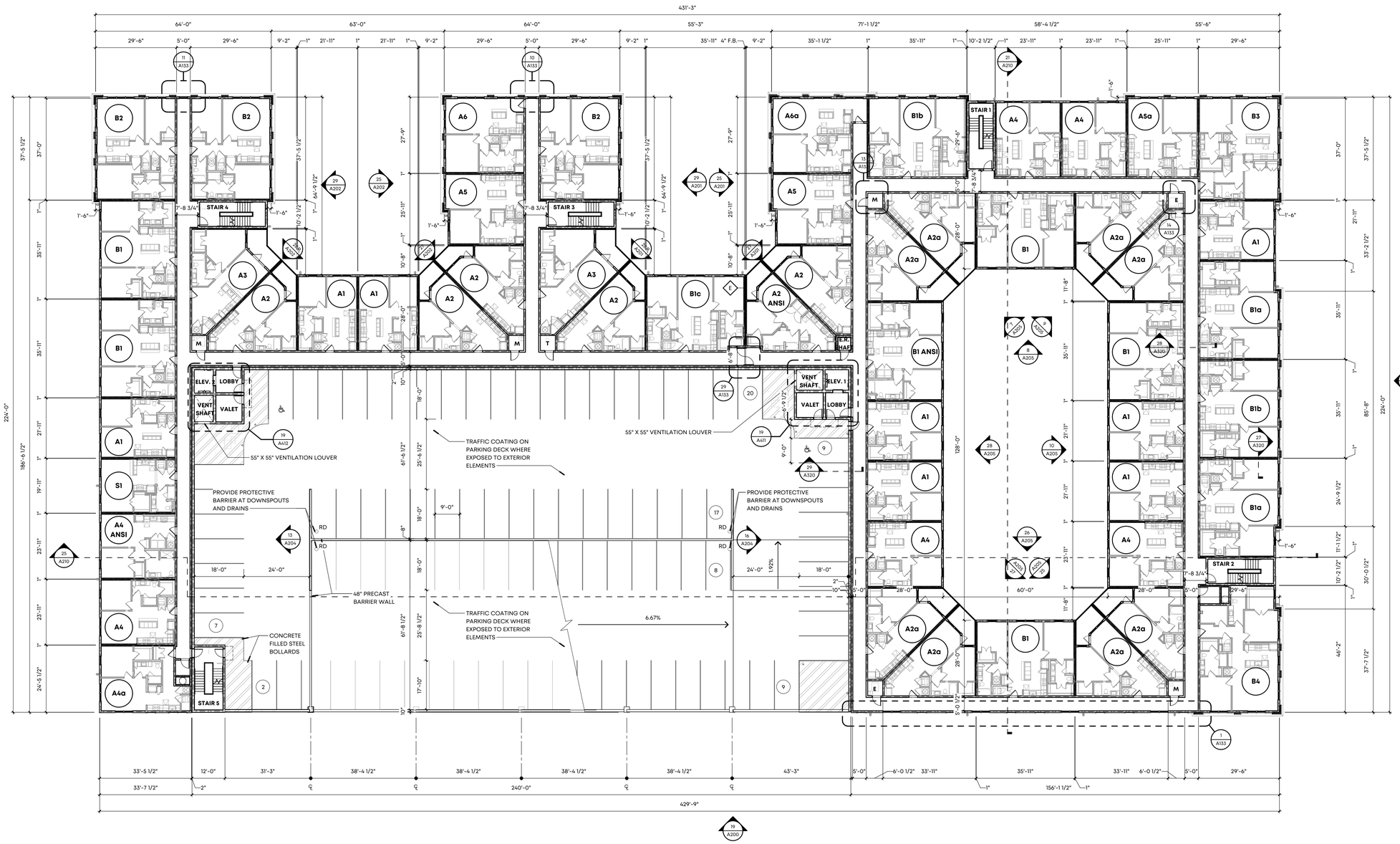
5/8/2025 5:11:58 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ANSI A117.1.
2. ALL CONTROL DEVICES FOR LIGHT, POWER, HEAT, ALARMS, ETC. SHALL BE MOUNTED NO HIGHER THAN 46" FROM THE FLOOR TO THE HIGHEST OPERATIONAL ELEMENT OF THE DEVICE.
3. CONTRACTOR TO VERIFY THAT NO ELEMENT BETWEEN 27" AND 80" A.F.F. PROJECTS MORE THAN 4" INTO AN ACCESSIBLE ROUTE UNLESS IDENTIFIED WITH A CANE DETECTION ELEMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER ANSI A117.1.

PLAN NOTES

1. ORIENTATION OF THE BUILDING PLAN MAY BE DIFFERENT THAN THE ORIENTATION OF THE ARCHITECTURAL REFERENCE SITE PLAN, NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE-OF-STUD TO FACE-OF-STUD UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2X6 WOOD STUDS. REFERENCE WALL SECTIONS AND DETAILS FOR MORE INFORMATION.
4. ALL INTERIOR NON-BEARING WALLS ARE 2X4/2X6 WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALLS.
5. INTERIOR STUD WALLS NOT DIMENSIONED ARE 2X4 UNLESS NOTED OTHERWISE.
6. ALL LOAD BEARING WALLS AT LEVEL 1 ARE 2X6 UNLESS NOTED OTHERWISE. RE: STRUCTURAL DRAWINGS.
7. ALL INTERIOR WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNLESS NOTED OTHERWISE. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES PER INTERIOR DESIGN DRAWINGS.
8. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
9. LOCATE HINGE SIDE OF DOORS **6"** FROM FACE OF ADJACENT INTERSECTING PARTITION / WALL UNO. SEE **A611** FOR ADDITIONAL DOOR AND FRAME INFORMATION.
10. PROVIDE CONCEALED BLOCKING IN ALL INTERIOR PARTITIONS WHERE MOUNTING RAILINGS, CABINETS, GRAB BARS, SHELVING, COUNTERS, ETC.
11. REFERENCE **A620/A630** FOR WINDOW / STOREFRONT / LOUVER INFORMATION.
12. ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, UTILITY, CABLE TV, AND TELEPHONE EQUIPMENT SHALL BE INSTALLED SO AS NOT TO BE IN CONFLICT WITH ANY WINDOW, WINDOW SHUTTER OR SHUTTER PANEL.
13. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF AND WALL PENETRATIONS. PAINT ALL WALL PENETRATIONS TO MATCH THE ADJACENT WALL COLOR.
14. 12" X12" 2-HR CHASES FOR THE UNIT REFRIGERANT LINES ARE REQUIRED. CHASES ARE GROUPED PER 4 UNITS AND EXTEND FROM LEVEL 2 TO ROOF. SYMBOL FOR LOCATION ON PLANS.



25 OVERALL FLOOR PLAN - LEVEL 04

SCALE: 1/16" = 1'-0"

LRK
643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
4	05.22.24	Design Development Progress
3	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL PLAN - LEVEL 04

Drawn By: CBB

Checked By: HC

A104

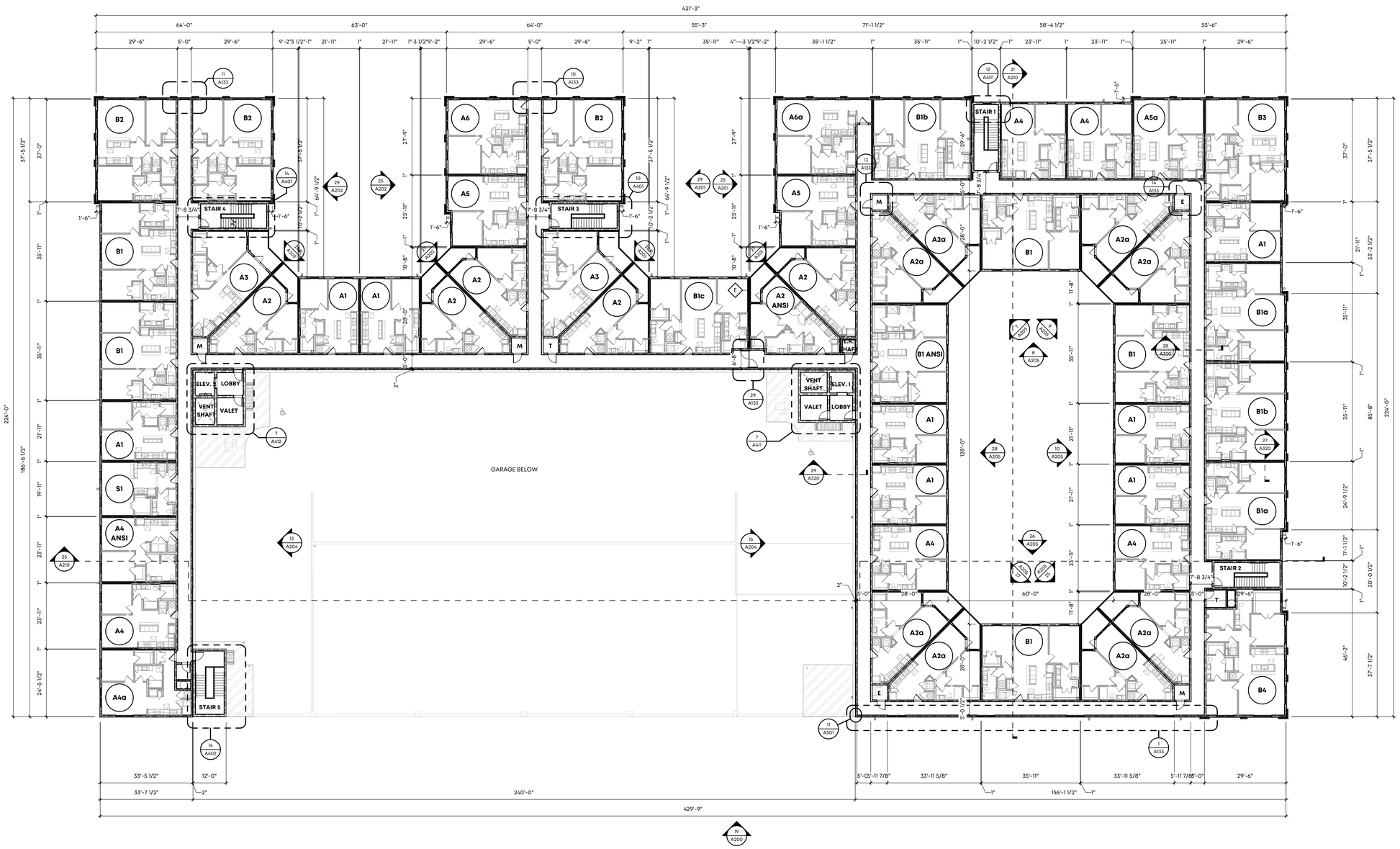
5/8/2025, 5:12:09 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL ENSURE ALL CONSTRUCTION MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF ANSI A117.1.
2. ALL CONTROL DEVICES FOR LIGHT, POWER, HEAT, ALARMS, ETC. SHALL BE MOUNTED NO HIGHER THAN 46" FROM THE FLOOR TO THE HIGHEST OPERATIONAL ELEMENT OF THE DEVICE.
3. CONTRACTOR TO VERIFY THAT NO ELEMENT BETWEEN 27" AND 80" A.F.F. PROJECTS MORE THAN 4" INTO AN ACCESSIBLE ROUTE UNLESS IDENTIFIED WITH A CANE DETECTION ELEMENT.
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE RAMPED PER ANSI A117.1.

PLAN NOTES

1. ORIENTATION OF THE BUILDING PLAN MAY BE DIFFERENT THAN THE ORIENTATION OF THE ARCHITECTURAL REFERENCE SITE PLAN, NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
2. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE-OF-STUD TO FACE-OF-STUD UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2X6 WOOD STUDS. REFERENCE WALL SECTIONS AND DETAILS FOR MORE INFORMATION.
4. ALL INTERIOR NON-BEARING WALLS ARE 2X4/2X6 WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALLS.
5. INTERIOR STUD WALLS NOT DIMENSIONED ARE 2X4 UNLESS NOTED OTHERWISE.
6. ALL LOAD BEARING WALLS AT LEVEL 1 ARE 2X6 UNLESS NOTED OTHERWISE. RE: STRUCTURAL DRAWINGS.
7. ALL INTERIOR WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNLESS NOTED OTHERWISE. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES PER INTERIOR DESIGN DRAWINGS.
8. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
9. LOCATE HINGE SIDE OF DOORS **6"** FROM FACE OF ADJACENT INTERSECTING PARTITION / WALL UNO. SEE **A611** FOR ADDITIONAL DOOR AND FRAME INFORMATION.
10. PROVIDE CONCEALED BLOCKING IN ALL INTERIOR PARTITIONS WHERE MOUNTING RAILINGS, CABINETS, GRAB BARS, SHELVING, COUNTERS, ETC.
11. REFERENCE **A620/A630** FOR WINDOW / STOREFRONT / LOUVER INFORMATION.
12. ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY, UTILITY, CABLE TV, AND TELEPHONE EQUIPMENT SHALL BE INSTALLED SO AS NOT TO BE IN CONFLICT WITH ANY WINDOW, WINDOW SHUTTER OR SHUTTER PANEL.
13. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF AND WALL PENETRATIONS. PAINT ALL WALL PENETRATIONS TO MATCH THE ADJACENT WALL COLOR.
14. 12" X12" 2-HR CHASES FOR THE UNIT REFRIGERANT LINES ARE REQUIRED. CHASES ARE GROUPED PER 4 UNITS AND EXTEND FROM LEVEL 2 TO ROOF. SYMBOL FOR LOCATION ON PLANS.



25 OVERALL FLOOR PLAN - LEVEL 05

SCALE: 1/16" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL PLAN - LEVEL 05

Drawn By: CBB

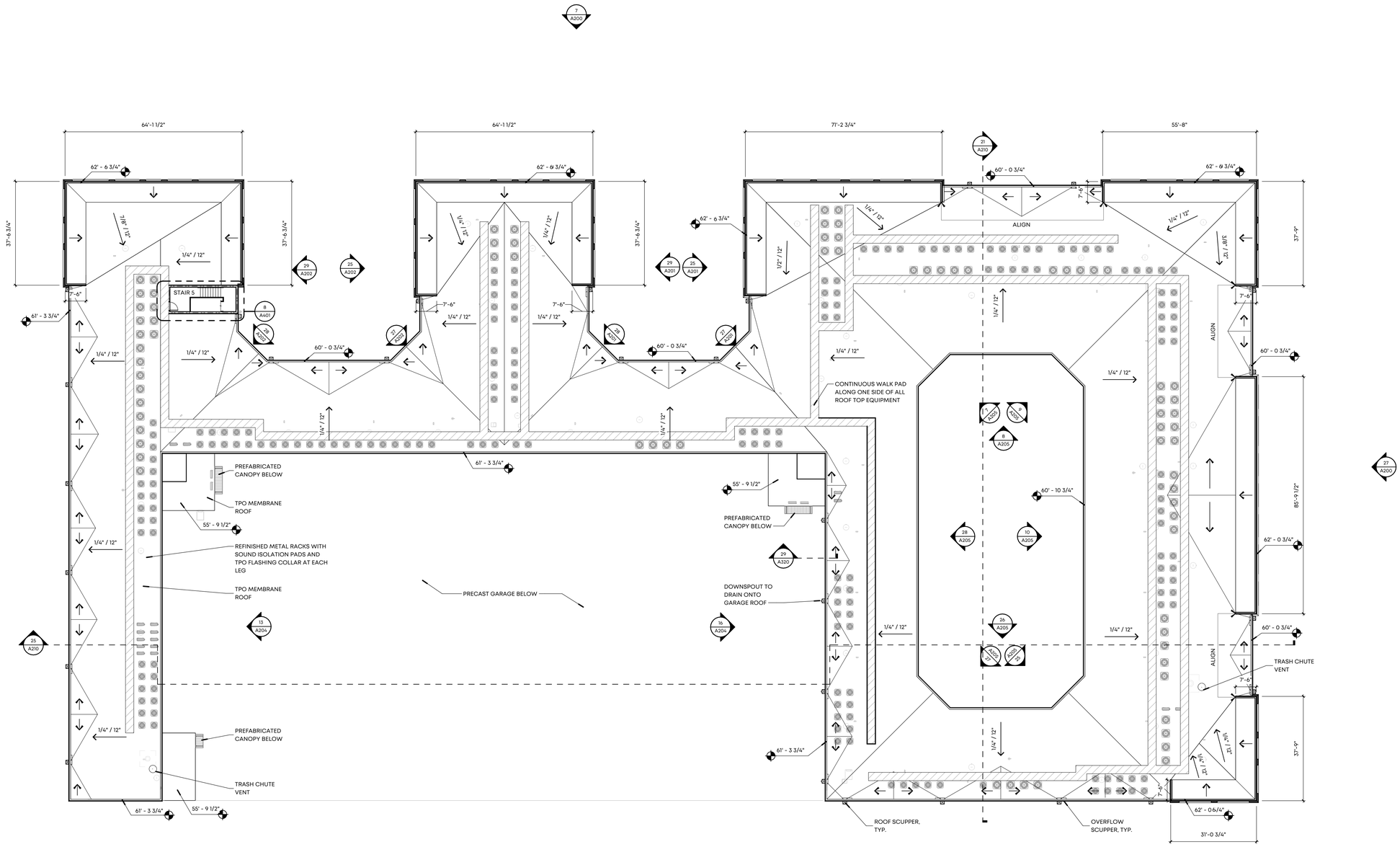
Checked By: HC

A105

5/8/2025 5:12:19 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

ROOF PLAN NOTES

1. ROOF SLOPE ARROWS INDICATE DOWNWARD SLOPE. ROOF SLOPE TO BE ¼" PER 12" UNO. SLOPE TO BE CREATED BY TAPERED INSULATION IN ADDITION TO MINIMUM INSULATION LEVELS.
2. PROVIDE ROOF MEMBRANE SYSTEM WALK PADS TO ALL ROOFTOP EQUIPMENT IN ADDITION TO WHERE INDICATED.
3. ROOF VENTS AND ROOF PENETRATIONS OF PLUMBING OR MECHANICAL EQUIPMENT SHALL BE MINIMIZED AND LOCATED AT THE "INSIDE ROOF WELL OF THE BUILDING. GROUP VENTS WHERE POSSIBLE TO MINIMIZE ROOF PENETRATIONS. PAINT ALL ROOF PENETRATIONS TO MATCH THE ADJACENT ROOF COLOR.
4. ALL ROOFS TO BE **03** UNO. REFERENCE **A601** FOR ADDITIONAL PARTITION, FLOOR, AND ROOF INFORMATION.
5. NOT EVERY ROOF PENETRATION OR DEVICE IS ILLUSTRATED ON THE ROOF PLAN. REFERENCE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
6. PARAPETS TO BE RAISED TO 42" MIN IF ROOF EQUIPMENT IS WITHIN 10'.
7. PROVIDE SIDEWALL VENTING AT PARAPET WALLS WHERE INSULATION DOES NOT ATTACH TO THE TOP OF THE ROOF TRUSS.



25 ROOF PLAN

SCALE: 1/16" = 1'-0"

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

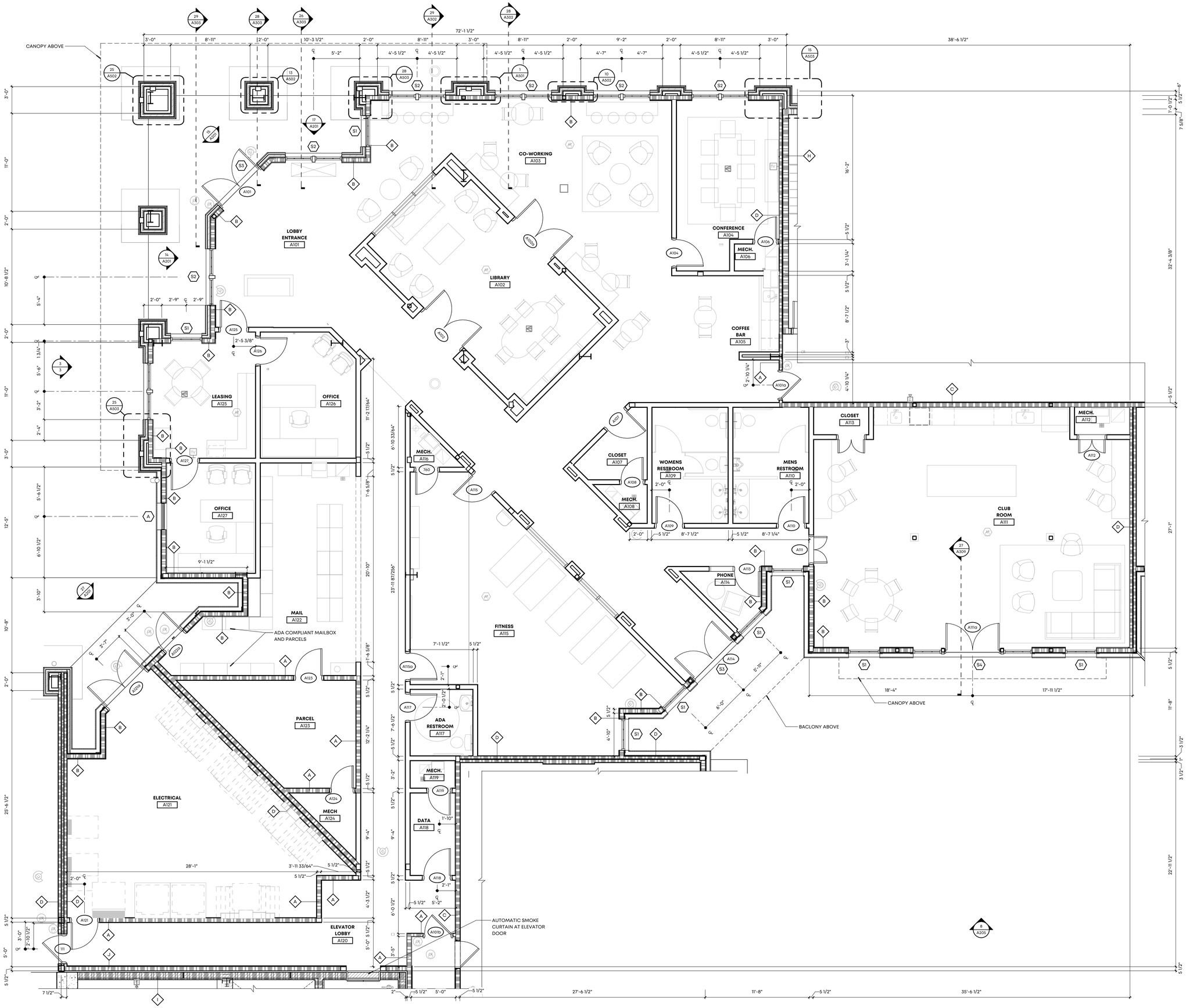
ROOF PLAN

Drawn By: CBB

Checked By: HC

A106

THE FRANCIS - 02.22025.00



25 AMENITY PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

5/8/2025 5:12:28 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

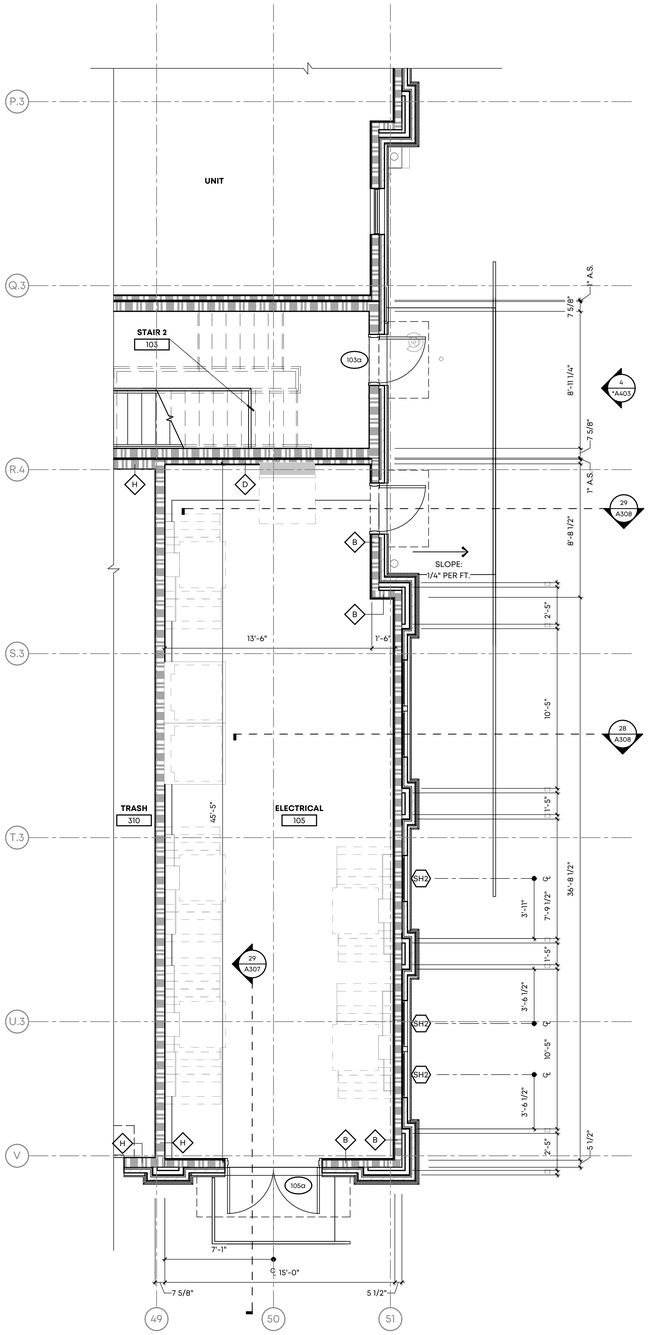
Drawing Name:

ENLARGED BUILDING PLANS

Drawn By: CBB, MW

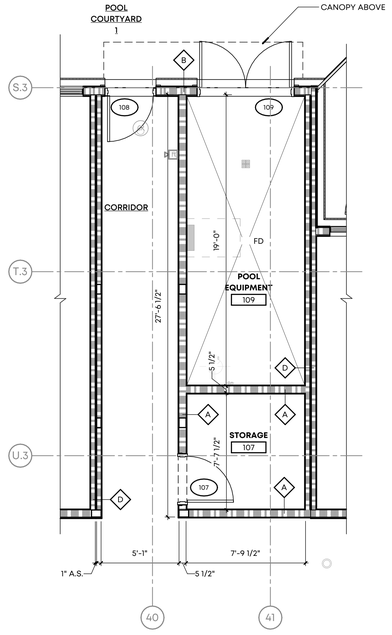
Checked By: HC

A131



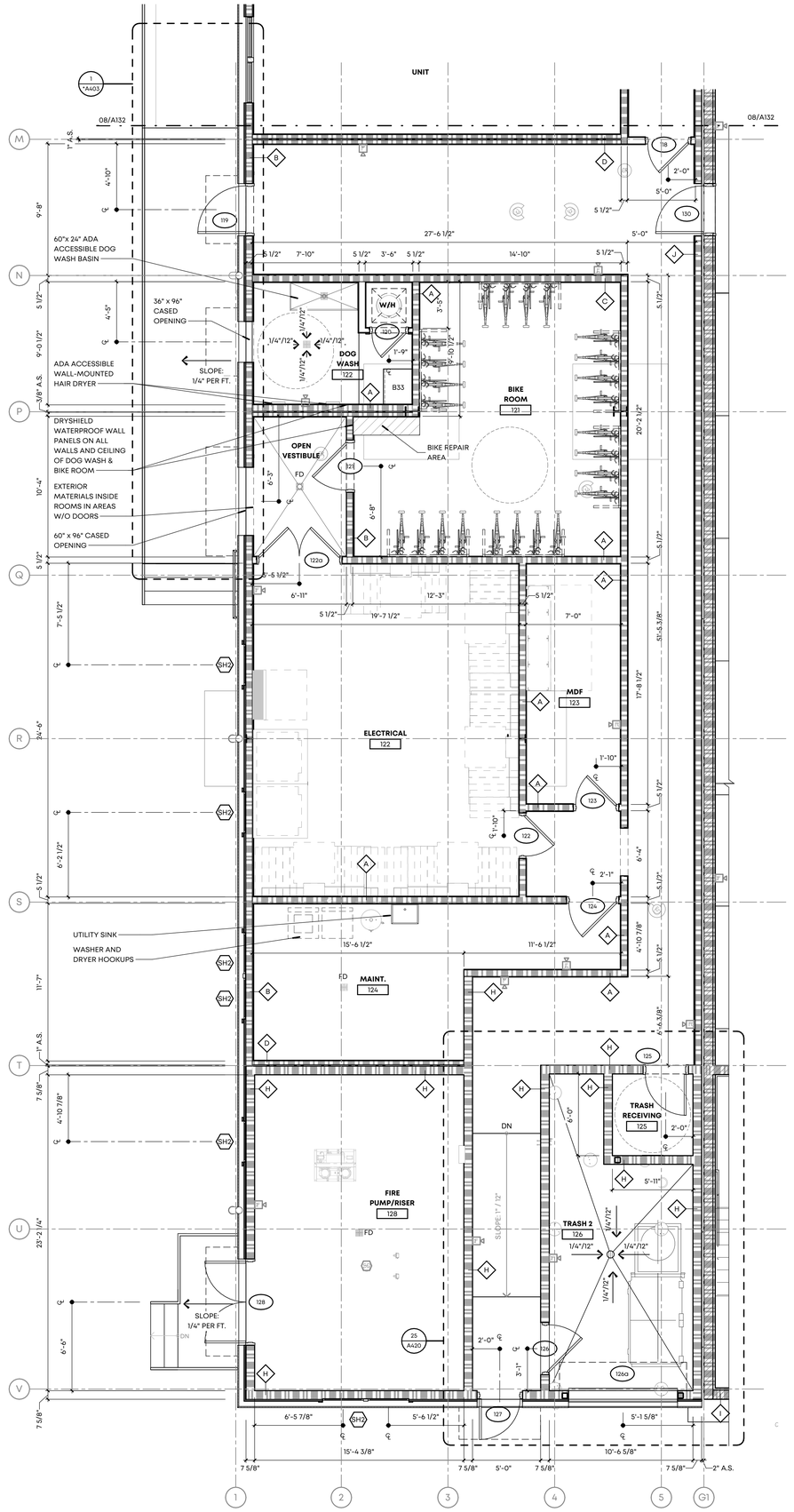
25 ELECTRICAL ROOM - LEVEL 01

SCALE: 1/4" = 1'-0"



16 POOL EQUIPMENT AND STORAGE - LEVEL 01

SCALE: 1/4" = 1'-0"



28 BACK OF HOUSE - LEVEL 01

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

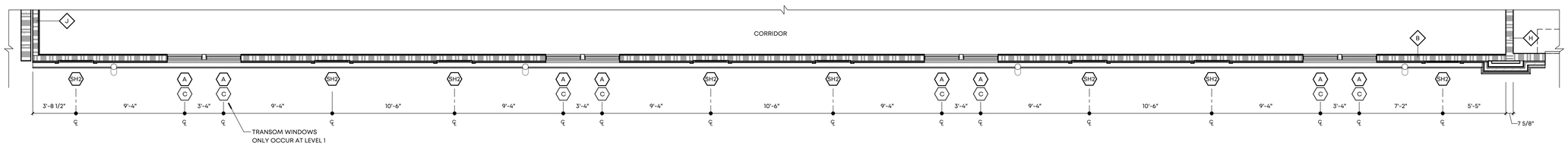
Drawing Name:

ENLARGED BUILDING PLANS

Drawn By: CBB

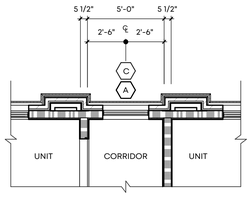
Checked By: HC

A132



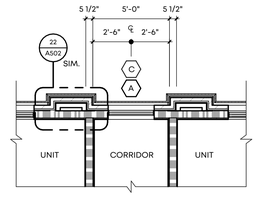
1 EXTERIOR WALL CONDITION - LEVELS 01-05

SCALE: 1/4" = 1'-0"



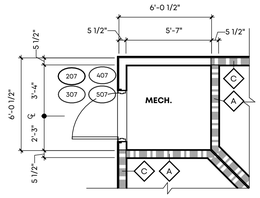
10 EXTERIOR WALL CONDITION - LEVELS 01-05

SCALE: 1/4" = 1'-0"



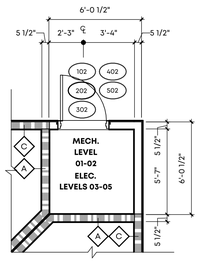
11 EXTERIOR WALL CONDITION - LEVELS 01-05

SCALE: 1/4" = 1'-0"



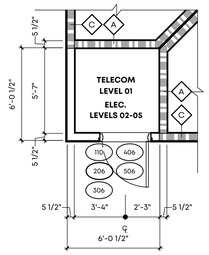
13 UTILITY ROOM - LEVELS 02-05

SCALE: 1/4" = 1'-0"



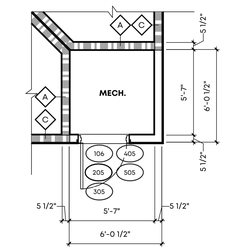
14 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



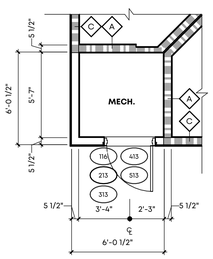
16 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



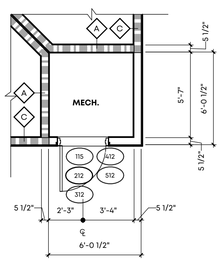
17 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



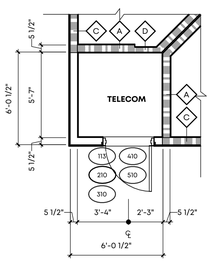
19 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



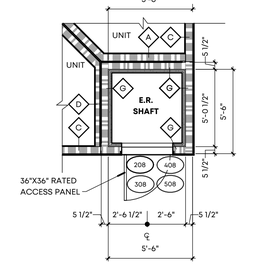
20 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



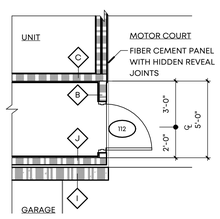
22 UTILITY ROOM - LEVELS 01-05

SCALE: 1/4" = 1'-0"



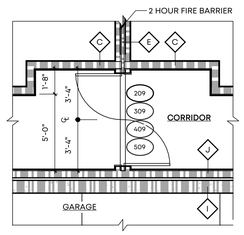
23 E.R. SHAFT - LEVELS 02-05

SCALE: 1/4" = 1'-0"



28 ENTRY DOOR - LEVEL 01

SCALE: 1/4" = 1'-0"



29 FIRE BARRIER DOOR - LEVELS 02-05

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

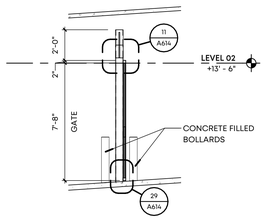
Drawing Name:

ENLARGED BUILDING PLANS

Drawn By: CBB, MW

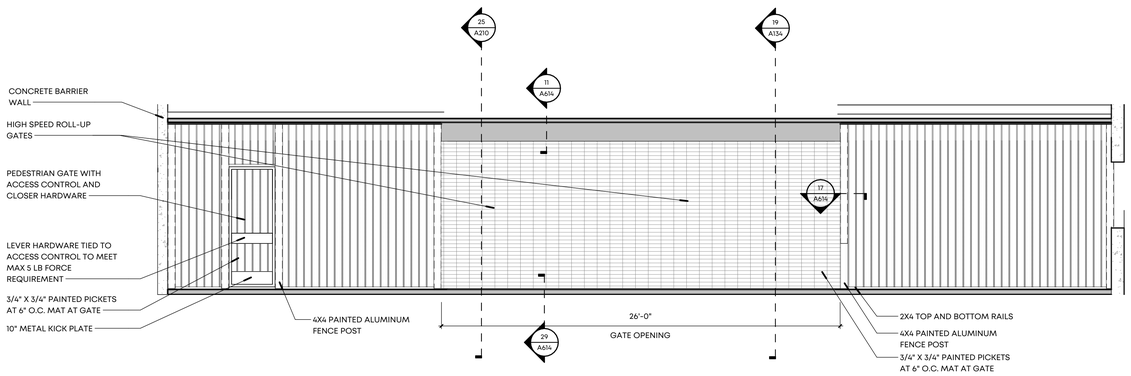
Checked By: HC

A133



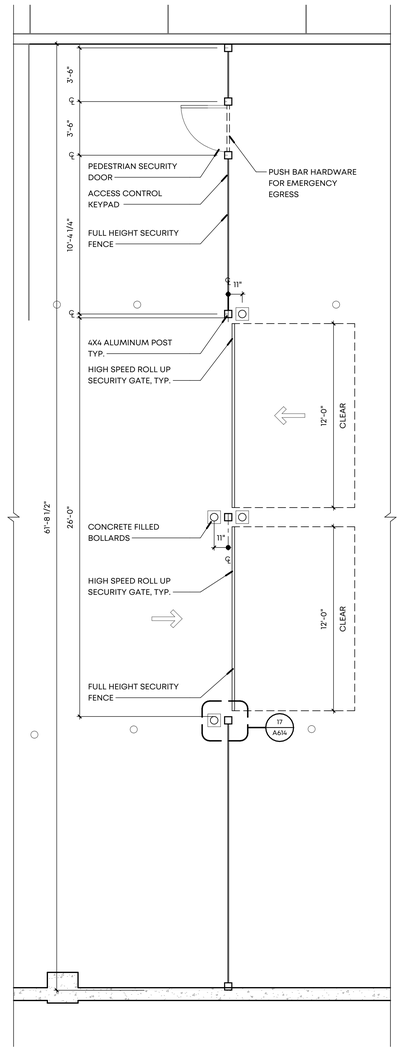
19 GARAGE SECURITY GATE SECTION

SCALE: 1/4" = 1'-0"



25 SECURITY GATE - FRONT ELEVATION

SCALE: 1/4" = 1'-0"



28 SECURITY GATE - LEVEL 01

SCALE: 1/4" = 1'-0"

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

ENLARGED BUILDING PLANS

Drawn By: CBB

Checked By: HC

A134

THE FRANCIS - 02.22025.00

ANSI TYPE A UNIT ACCESSIBILITY NOTES

GENERAL

1. THE UNITS CALLED OUT IN THIS PROJECT AS "ANSI A" SHALL COMPLY WITH ICC A117.1-2017 SECTION 1103 "TYPE A UNITS."

ACCESSIBLE ROUTE

2. THE ACCESSIBLE PRIMARY ENTRANCE SHALL BE ON AN ACCESSIBLE ROUTE FROM PUBLIC AND COMMON AREAS.
3. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ALL SPACES AND ELEMENTS THAT ARE PART OF THE UNIT.
4. PROVIDE 67" TURNING CIRCLE OR "T" TYPE TURNAROUND IN EVERY ROOM SERVED BY ACCESSIBLE ROUTE PER A117.1 SECTION 304.

ACCESSIBLE AND USABLE DOORS

5. THE PRIMARY ENTRANCE DOOR INTO AN APPLICABLE DWELLING UNIT AND ALL DOORS INTENDED FOR USER PASSAGE SHALL PROVIDE A CLEAR OPENING WIDTH OF 32" AND ARE KEYED AS "ACCESSIBLE DOORS" ON UNIT PAGES. MANEUVERING CLEARANCES REQUIRED BY ICC A117.1 SECTION 404.2.3 SHALL BE PROVIDED ON EACH SIDE OF THE DOOR, EXCEPT FOR THE BATHROOM SIDE OF AN EXEMPT BATHROOM (REFER TO THIS UNIT ACCESSIBILITY DIAGRAM ON UNIT SHEET).
6. CORRIDORS AND PASSAGEWAYS SHALL HAVE A MINIMUM CLEAR WIDTH OF 36" AND A MINIMUM CLEAR HEADROOM OF 96".
7. DOOR LOCKS AND DOOR HARDWARE SHALL BE LOCATED AT ALL DOORS INCLUDING IN-LINE GARAGE DOORS AT A HEIGHT NOT HIGHER THAN 48" A.F.F. LEVER DOOR HARDWARE IS REQUIRED AT ALL DOORS ON BOTH SIDES.
8. CHANGES IN LEVEL THAT ARE BETWEEN 1/4" AND 1/2" ARE TO BE BEVELED WITH A SLOPE NOT GREATER THAN 1:2. MAXIMUM THRESHOLD HEIGHT SHALL NOT BE GREATER THAN 1/2".
9. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE REQUIRED FOR FIXTURES, UNLESS A 30"X52" CLEAR FLOOR SPACE IS PROVIDED BEYOND THE ARC OF THE DOOR SWING.

SWITCHES, OUTLETS, AND CONTROLS

10. PROVIDE LIGHTING CONTROLS, ELECTRICAL SWITCHES AND RECEPTACLES, ENVIRONMENTAL CONTROLS, APPLIANCE CONTROLS, OPERATING HARDWARE FOR OPERABLE WINDOWS, PLUMBING FIXTURES CONTROLS, AND USE CONTROLS FOR SECURITY OR INTERCOM SYSTEMS THAT COMPLY WITH ICC A117.1 SECTION 309.
11. ALL OUTLETS, CONTROLS, AND SWITCHES ARE TO BE MOUNTED AT 16" MINIMUM AND 46" MAXIMUM A.F.F. (REFER TO THIS SHEET).

BATHROOMS AND POWDER ROOMS

12. IF ONLY ONE BATHROOM IS PROVIDED IN A UNIT IT SHALL MEET ALL THE REQUIREMENTS OF ICC A117.1 SECTION 1103.11.2. IF MORE THAN ONE BATHROOM IS PROVIDED, ADDITIONAL BATHROOMS SHALL COMPLY WITH ICC A117.1 SECTION 1104 AND THE FAIR HOUSING ACT.
13. WALL DIMENSIONS AND FIXTURE LOCATIONS MUST BE HELD SO THAT THE MINIMUM CLEARANCES SHOWN ON THIS SHEET ARE PROVIDED.

GRAB BARS

14. ALL BATHROOMS IN DWELLING UNIT SHALL COMPLY WITH ICC A117.1 SECTION 1103.11.1.
15. GRAB BARS ARE NOT REQUIRED AND ARE NOT IN THE CONTRACT.
16. PROVIDE BLOCKING IN LINE OF STUD PLANE FOR WALLS NOTED TO RECEIVE FUTURE GRAB BARS.
17. PROVIDE GRAB BARS WHEN REQUESTED BY RESIDENTS. GRAB BARS MUST BE 1-1/4" MINIMUM AND 1-1/2" MAXIMUM IN DIAMETER.
18. GRAB BARS, WHEN INSTALLED, SHALL HAVE 1 1/2" CLEAR IN BETWEEN THE WALL AND THE GRAB BAR.
19. GRAB BARS, WHEN INSTALLED, SHALL SUPPORT A FORCE OF 250 POUNDS ALONG ANY POINT OF THE GRAB BAR.
20. REFER TO SHEET A141 FOR GRAB BAR BLOCKING REQUIRED IN EXEMPT BATHROOMS.

LAVATORY

21. PROVIDE FORWARD APPROACH AND CLEARANCES AS INDICATED ON DRAWINGS THIS SHEET.
22. HEIGHT AT FRONT OF LAVATORY TO BE 34" A.F.F.
23. THERE SHALL BE NO ABRASIVE SURFACES UNDER LAVATORIES AND EXPOSED PIPES MUST BE PROTECTED FROM CONTACT.
24. SINK BOWL DEPTH SHALL BE 6-1/2" MAXIMUM.
25. CONTINUE FLOOR FINISH UNDER REMOVABLE CABINETRY.
26. WALLS BEHIND AND CABINETS ADJACENT TO REMOVABLE CABINET MUST BE FINISHED.
27. FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LB MAXIMUM.

MIRRORS

28. BOTTOM EDGE OF REFLECTIVE SURFACE TO BE 40" MAXIMUM ABOVE FINISHED FLOOR.

TOILETS

29. LOCATE AS INDICATED ON DRAWINGS.
30. SEAT HEIGHT SHALL BE 15" MINIMUM TO 19" MAXIMUM, MEASURE FROM FINISH FLOOR TO TOP OF SEAT.
31. TOILET PAPER DISPENSER TO BE MOUNTED 8" IN FRONT OF THE WATER CLOSET, BETWEEN 15" AND 48" ABOVE THE FLOOR AND 1 1/2" ABOVE OR 12" BELOW A GRAB BAR.

TUBS

32. ALL BATHTUBS SHALL MEET THE REQUIREMENTS OF ANSI SECTION 607 WITH THE EXCEPTION OF THE TUB SEAT, WHICH IS NOT REQUIRED. THE BATHTUB SHALL HAVE A 30" CLEAR FLOOR SPACE IN FRONT OF THE TUB FOR ITS ENTIRE LENGTH. CONTROLS SHALL BE IN THE END WALL BETWEEN THE RIM AND THE GRAB BAR LOCATION AND BETWEEN THE MIDPOINT AND THE OPEN SIDE OF THE TUB. A SHOWER SPRAY UNIT SHALL BE PROVIDED PER ANSI PARAGRAPH 607.6 UNLESS A SEPARATE SHOWER IS PROVIDED IN THE SAME BATHROOM.

MANEUVERING CLEAR FLOOR SPACE

33. PROVIDE MANEUVERING CLEAR FLOOR SPACE OF 30"X52" INSIDE BATHROOM, CLEAR OF DOOR SWING.
34. PROVIDE CLEAR FLOOR SPACE IN FRONT OF PLUMBING FIXTURES AS INDICATED THIS SHEET.

KITCHENS

35. PROVIDE A MINIMUM CLEAR DIMENSION OF 40" BETWEEN ANY WALL AND BASE CABINET, COUNTER TOP, OR FACE OF APPLIANCE DOOR (HANDLES ARE NOT INCLUDED)
36. PROVIDE ONE 33" REMOVABLE CABINET TO ALLOW FOR A 30" WORK SURFACE WITH A 30" X 52" CLEAR FLOOR SPACE FOR FORWARD APPROACH. PROVIDE KNEE AND TOE CLEARANCE PER ICC A117.1 SECTION 306. CONTINUE FINISH FLOOR BELOW THE REMOVABLE CABINET, PROVIDE FINISHED SIDES TO THE ADJACENT CABINETS, AND FINISH THE WALL BEHIND THE REMOVABLE CABINET.
37. PROVIDE ONE 36" REMOVABLE CABINET AT KITCHEN SINK TO ALLOW FOR A 30" X 52" CLEAR FLOOR SPACE FOR FORWARD APPROACH. PROVIDE KNEE AND TOE CLEARANCE PER ANSI SECTION 306. CONTINUE FINISH FLOOR BELOW THE REMOVABLE CABINET, PROVIDE FINISHED SIDES TO THE ADJACENT CABINETS, AND FINISH THE WALL BEHIND THE REMOVABLE CABINET. PROTECT ALL EXPOSED PIPES AND SHARP SURFACES AGAINST CONTACT. THE DEPTH OF THE KITCHEN SINK SHALL BE 6 1/2" MAX AND THE FAUCET SHALL COMPLY WITH ICC A117.1 SECTION 309.
38. THE DISHWASHER SHALL HAVE A 30" X 52" CLEAR FLOOR SPACE POSITIONED ADJACENT TO THE DISHWASHER DOOR SO THAT WHEN OPEN IT IS NOT OBSTRUCTED BY THE DOOR.
39. THE RANGE SHALL HAVE A 30" X 52" PARALLEL CLEAR FLOOR SPACE CENTERED ON THE APPLIANCE AND A 30" X 52" PARALLEL CLEAR FLOOR SPACE ADJACENT TO THE OPEN OVEN DOOR. THE CONTROLS FOR THE RANGE SHALL NOT REQUIRE REACHING ACROSS BURNERS. THE RANGE HOOD CONTROLS SHALL BE MOUNTED SO AS NOT TO REQUIRE REACHING ACROSS THE BURNERS AND SHALL BE WITHIN ACCESSIBLE REACH RANGES.
40. THE REFRIGERATOR SHALL HAVE A 30" X 52" CLEAR FLOOR SPACE LOCATED WITHIN 24" OF THE CENTERLINE OF THE APPLIANCE AND POSITIONED FOR A PARALLEL APPROACH.

CLOSET SHELVING

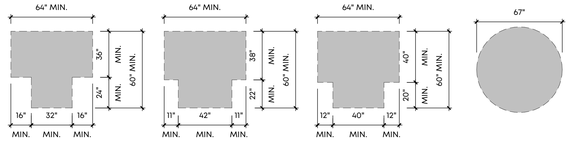
41. WALK-IN CLOSETS: AT LEAST ONE (1) CLOTHES ROD MOUNTED NOT HIGHER THAN 48" A.F.F. MUST BE PROVIDED.
42. CLOSETS 24" OR LESS IN DEPTH: PROVIDE CONTINUOUS 2X8 BLOCKING FOR FUTURE RELOCATION OF RODS HIGHER THAN 48" A.F.F. AT RESIDENT REQUEST.

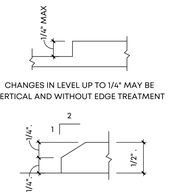
LAUNDRY

43. LAUNDRY ROOMS SHALL ALLOW FOR A 30" X 52" CLEAR FLOOR SPACE POSITIONED FOR PARALLEL APPROACH. THE CLEAR FLOOR SPACE SHALL BE OFFSET 24" MAX. FROM THE CENTERLINE OF THE APPLIANCE.

STORAGE

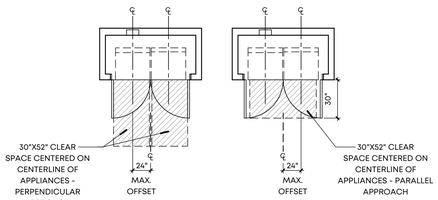
44. PROVIDE A 30" X 52" CLEAR FLOOR SPACE AT EACH STORAGE FACILITY, POSITIONED FOR FORWARD OR PARALLEL APPROACH. A PORTION OF THE STORAGE AREA SHALL ALLOW FOR A FORWARD OR SIDE REACH, COMPLYING WITH ANSI SECTION 309. IN ACCORDANCE WITH THIS SECTION A "PORTION" OF SHELVES IN A CLOSET, LINEN, OR PANTRY SHALL BE SET NO HIGHER THAN 48" AND NO LOWER THAN 15" FOR AN UNOBSTRUCTED FORWARD AND SIDE APPROACH. EXCEPTION: KITCHEN CABINETS ONLY NEED A CLEAR FLOOR SPACE AS STATED ABOVE.





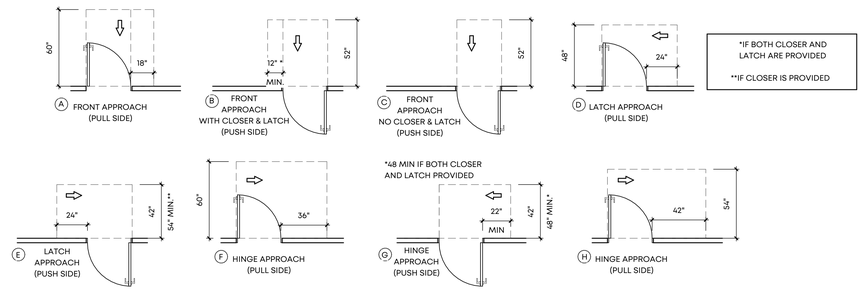
4 TURNING SPACES

SCALE: 1/4" = 1'-0"



6 CHANGES IN LEVEL

SCALE: 1/4" = 1'-0"

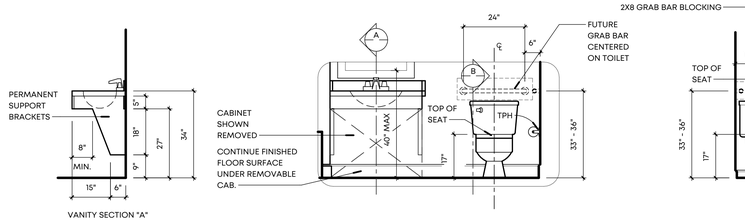


9 LAUNDRY CLEARANCES

SCALE: 1/4" = 1'-0"

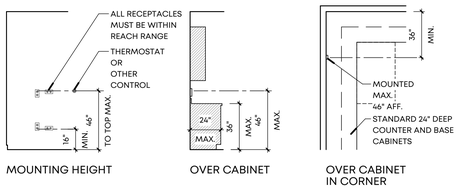
10 DOOR PUSH/PULL CLEARANCES

SCALE: 1/4" = 1'-0"



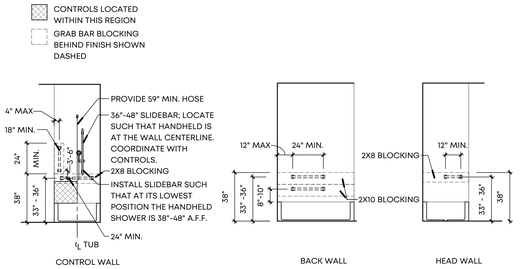
15 VANITY AND TOILET

SCALE: 1/2" = 1'-0"



17 ANSI A - SINK

SCALE: 1/2" = 1'-0"

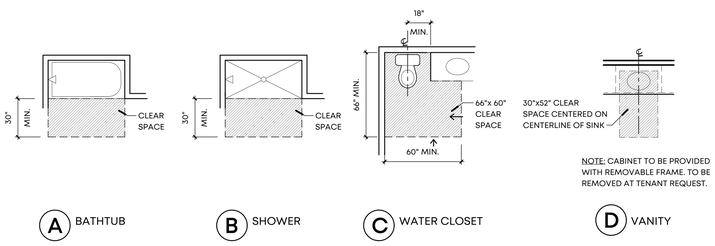


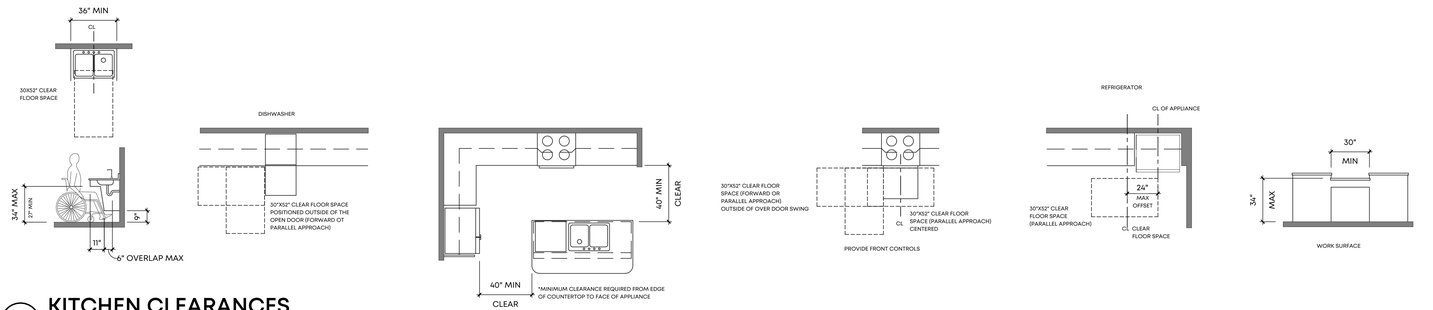
21 SWITCHES/OUTLETS/THERMOSTATS

SCALE: 1/4" = 1'-0"

23 CONTROL AND FIXTURE LOCATIONS

SCALE: 1/4" = 1'-0"





25 KITCHEN CLEARANCES

SCALE: 1/4" = 1'-0"

29 BATHROOM CLEARANCES

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

ANSI TYPE 'A' UNIT ACCESSIBILITY NOTES AND DIAGRAMS

Drawn By: CBB

Checked By: HC

A141

5/8/2025 5:12:47 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

THE FRANCIS - 02.22025.00

ANSI TYPE B UNIT ACCESSIBILITY NOTES

GENERAL
1. THE UNITS IN THIS PROJECT WHICH REFERENCE THIS SHEET SHALL COMPLY WITH THE FAIR HOUSING ACT AND THE 2017 ICC A117.1 SECTION 1104 "TYPE B UNITS"

ACCESSIBLE ROUTE
2. THE ACCESSIBLE PRIMARY ENTRANCE SHALL BE ON AN ACCESSIBLE ROUTE FROM PUBLIC AND COMMON AREAS.
3. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ALL SPACES AND ELEMENTS THAT ARE PART OF THE UNIT.

ACCESSIBLE AND USABLE DOORS
4. THE PRIMARY ENTRANCE DOOR INTO APPLICABLE DWELLING UNITS SHALL BE AN ACCESSIBLE DOOR AND SHALL PROVIDE FOR A CLEAR OPENING WIDTH OF 32" MIN. MANEUVERING CLEARANCES AS REQUIRED BY ACC117.1 SECTION 404.2.3 SHALL BE PROVIDED ON THE EXTERIOR SIDE OF THE DOOR
5. DOORWAYS WITHIN DWELLING UNITS INTENDED FOR USER PASSAGE SHALL BE USABLE DOORS AND SHALL PROVIDE FOR A CLEAR OPENING WIDTH OF 31-3/4" MIN.
6. CORRIDORS AND PASSAGEWAYS SHALL HAVE A MINIMUM CLEAR WIDTH OF 36" AND A MINIMUM CLEAR HEADROOM OF 96".
7. DOOR LOCKS AND DOOR HARDWARE SHALL BE LOCATED NO HIGHER THAN 48" A.F.F. LEVER DOOR HARDWARE IS REQUIRED AT THE EXTERIOR FACE OF PRIMARY UNIT ENTRY DOOR.
8. CHANGES IN LEVEL THAT ARE BETWEEN 1/4" AND 1/2" ARE TO BE BEVELED WITH A SLOPE NOT GREATER THAN 1:2. THRESHOLDS AT EXTERIOR DOORS ARE TO BE NO MORE THAN 1/2" TALL.
9. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE REQUIRED FOR FIXTURES, UNLESS A 30"X48" CLEAR FLOOR SPACE IS PROVIDED BEYOND THE ARC OF THE DOOR SWING.
10. ALL DOORS LEADING TO ROOMS OR USABLE CLOSETS DEEPER THAN 24" CLEAR SHALL BE PROVIDED WITH A USABLE DOOR.

SWITCHES, OUTLETS, AND CONTROLS
11. ALL OUTLETS, CONTROLS, AND SWITCHES ARE TO BE MOUNTED AT 16" MINIMUM AND 46" MAXIMUM A.F.F.

BATHROOMS AND POWDER ROOMS
12. DWELLING UNITS SHALL COMPLY WITH ONE OF THE FOLLOWING:
A. ALL FIXTURES IN ALL BATHROOMS IN THE UNIT MUST COMPLY WITH OPTION A TOILET AND BATHING REQUIREMENTS ICC A117.1 SECTION 1104.11.3.1.
-OR-
B. ONE OF EACH TYPE OF FIXTURE IN ONE BATHROOM MUST COMPLE WITH OPTION B TOILET AND BATHING REQUIREMENTS ICC A117.1 SECTION 1104.11.3.2.
13. WALL DIMENSIONS AND FIXTURE LOCATIONS MUST BE HELD SO THAT THE MINIMUM CLEARANCES SHOWN ON ACCESSIBILTY DIAGRAMS THIS SHEET ARE PROVIDED.

GRAB BARS
14. ALL BATHROOMS IN DWELLING UNIT SHALL COMPLY WITH ICC A117.1 SECTION 1104.11.1.
15. GRAB BARS ARE NOT REQUIRED.
16. PROVIDE BLOCKING FOR FUTURE GRAB BARS AS INDICATED ON DIAGRAMS ON THIS SHEET AND IN LINE OF STUD PLANE
17. PROVIDE GRAB BARS WHEN REQUESTED BY RESIDENTS. GRAB BARS MUST BE 1-1/4" MINIMUM AND 1-1/2" MAXIMUM IN DIAMETER.
18. WHEN WATER CLOSETS ARE NOT LOCATED ADJACENT TO A SIDE WALL, ALLOW SPACE AND REINFORCING FOR A FOLD-DOWN GRAB BAR MOUNTED BEHIND THE WATER CLOSET. PROVIDE AT 18" SPACE FOR INSTALLATION OF GRAB BARS BETWEEN CENTER LINE OF TOILET AND ADJACENT WALL AND/OR FIXTURE.

LAVATORY
19. PROVIDE APPROACH AND CLEARANCES AS INDICATED ON DRAWINGS THIS SHEET.
20. MAXIMUM HEIGHT OF RIM OF LAVATORY OR COUNTER (WHICHEVER IS HIGHER) TO BE 34" A.F.F AT OPTION B BATHROOMS.

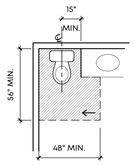
TOILETS
21. LOCATE AS INDICATED ON DRAWINGS.
22. SEAT HEIGHT SHALL BE 15" MINIMUM TO 19" MAXIMUM, MEASURE FROM FINISH FLOOR TO TOP OF SEAT.

MANEUVERING CLEAR FLOOR SPACE
23. PROVIDE MANEUVERING CLEAR FLOOR SPACE OF 30"X48" INSIDE ROOM, CLEAR OF DOOR SWING.
24. PROVIDE CLEAR FLOOR SPACE AT BATHROOM FIXTURES AS INDICATED ON DIAGRAMS ON THIS SHEET

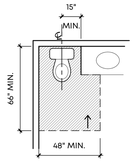
FAUCETS
25. FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 LB MAXIMUM.

KITCHENS
26. PROVIDE A MINIMUM CLEAR DIMENSION OF 40" BETWEEN ANY WALL AND BASE CABINET, COUNTER TOP, OR FACE OF APPLIANCE DOOR (HANDLES ARE NOT INCLUDED)
27. PROVIDE CLEAR FLOOR SPACE AT APPLIANCES/FIXTURES AS INDICATED ON DIAGRAMS ON THIS SHEET

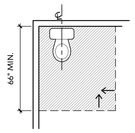
CLOSET SHELVING
28. WALK-IN CLOSETS: AT LEAST ONE (1) CLOTHES ROD MOUNTED NOT HIGHER THAN 48" A.F.F. MUST BE PROVIDED.
29. CLOSETS 24" OR LESS IN DEPTH: PROVIDE CONTINUOUS 2X8 BLOCKING FOR FUTURE RELOCATION OF RODS HIGHER THAN 48" A.F.F. AT RESIDENT REQUEST.



PARALLEL

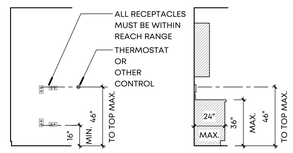


FORWARD APPROACH



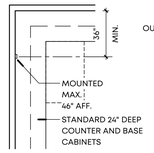
PARALLEL OR FORWARD APPROACH

8 WATER CLOSET CLEARANCES
SCALE: 1/4" = 1'-0"

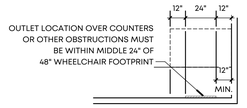


MOUNTING HEIGHT

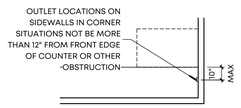
OVER CABINET



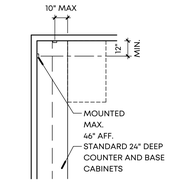
OVER CABINET IN CORNER



PLACEMENT FOR SWITCHES AND OUTLETS OVER A COUNTER OR OTHER OBSTRUCTION

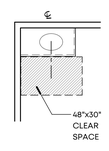


SIDEWALL PLACEMENT FOR SWITCHES AND OUTLETS OVER A COUNTER OR OTHER OBSTRUCTION

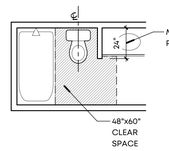


BACK WALL PLACEMENT FOR SWITCHES AND OUTLETS OVER A COUNTER OR OTHER OBSTRUCTION

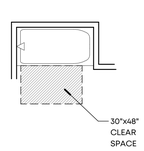
3 REACH RANGE/MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"



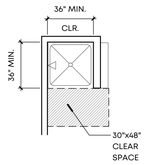
LAVATORY



BATHTUB - OPTION A

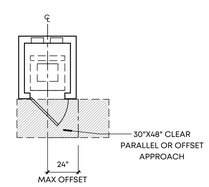


BATHTUB - OPTION B



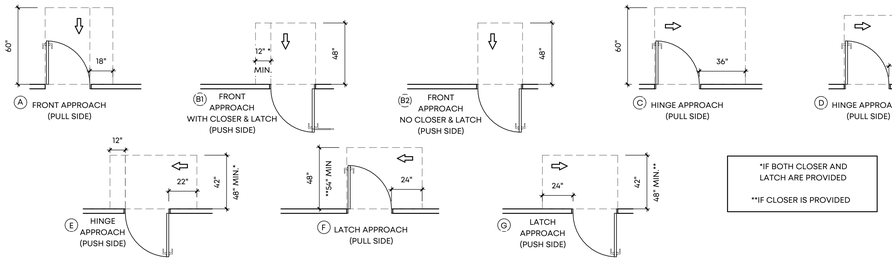
SHOWER

DIMENSIONS ARE THOSE REQUIRED AFTER INSTALLATION OF ALL FINISHES.



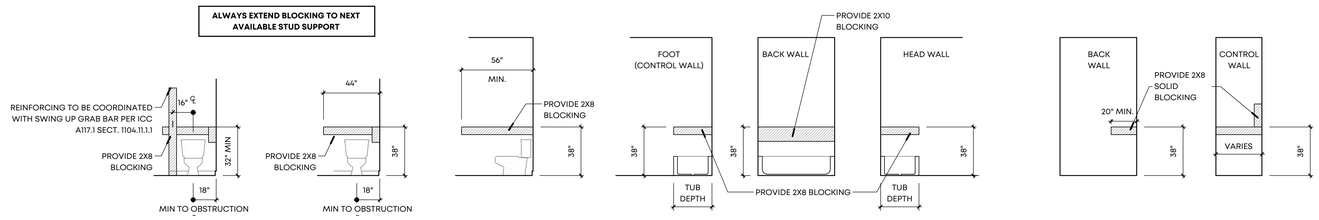
STACKED LAUNDRY

10 BATHROOM CLEARANCES
SCALE: 1/4" = 1'-0"



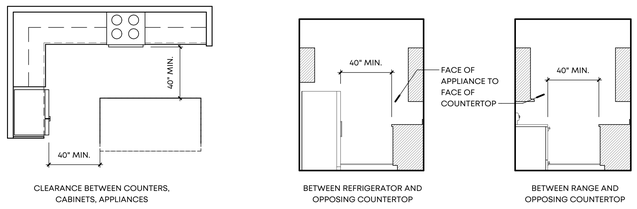
12 LAUNDRY CLEARANCES
SCALE: 1/4" = 1'-0"

16 DOOR PUSH/PULL CLEARANCES
SCALE: 1/4" = 1'-0"



TOILETS WITH SIDEWALL | TOILETS WITH SIDEWALL | TUBS | SHOWERS

21 GRAB BAR REINFORCING
SCALE: 1/4" = 1'-0"



26 KITCHEN CLEARANCES
SCALE: 1/4" = 1'-0"

28 KITCHEN APPLIANCE CLEARANCES
SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
05.22.24	Design Development Progress
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

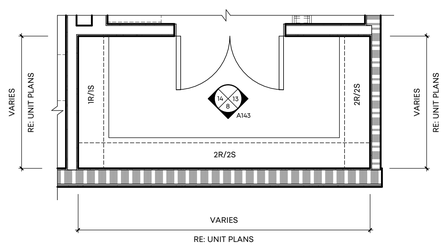
Drawing Name:
ANSI TYPE 'B' UNIT ACCESSIBILITY NOTES AND DIAGRAMS

Drawn By: CBB

Checked By: HC

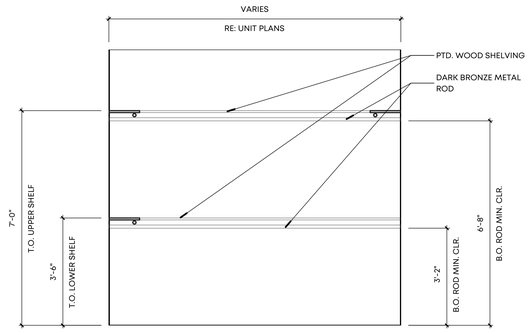
A142

5/8/2025 5:12:50 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



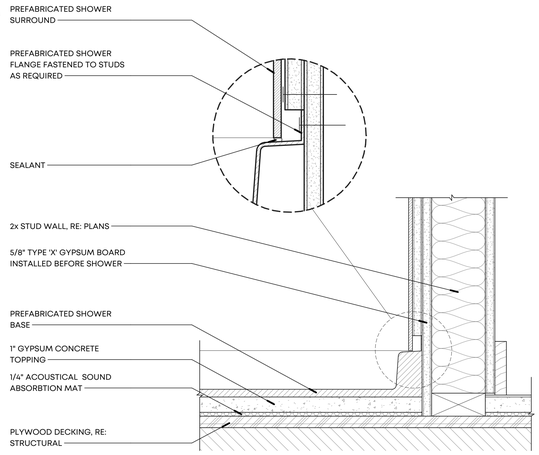
7 ENLARGED PLAN - CLOSET

SCALE: 1/2" = 1'-0"



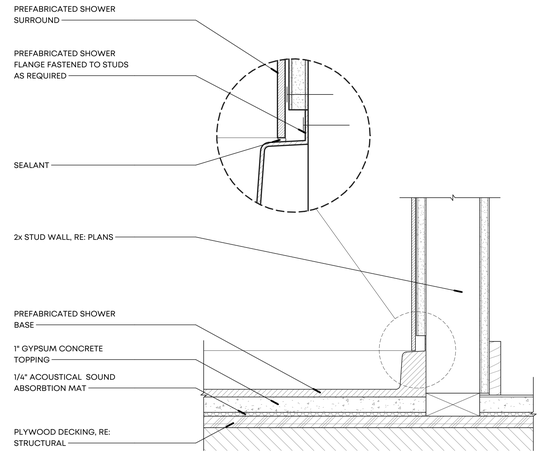
8 ELEVATION - CLOSET

SCALE: 1/2" = 1'-0"



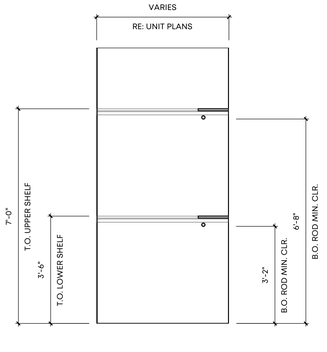
10 SHOWER AT RATED WALL

SCALE: 3" = 1'-0"



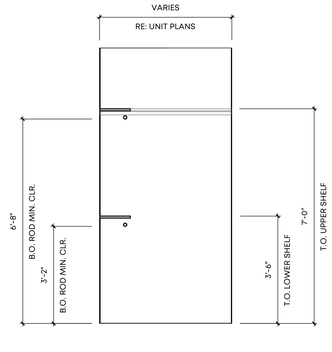
11 SHOWER AT NON-RATED WALL

SCALE: 3" = 1'-0"



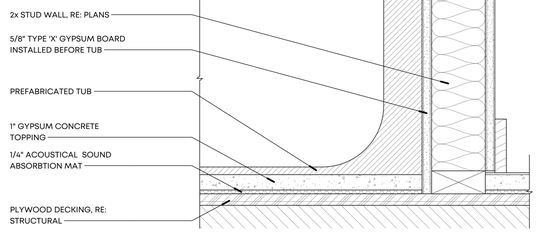
13 LEFT ELEVATION - CLOSET

SCALE: 1/2" = 1'-0"



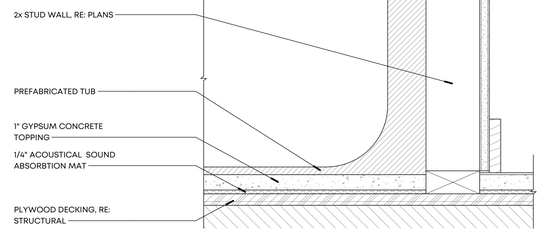
14 RIGHT ELEVATION - CLOSET

SCALE: 1/2" = 1'-0"



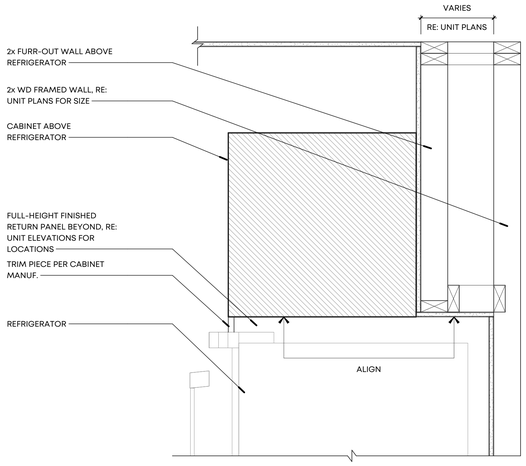
22 TUB AT RATED WALL

SCALE: 3" = 1'-0"



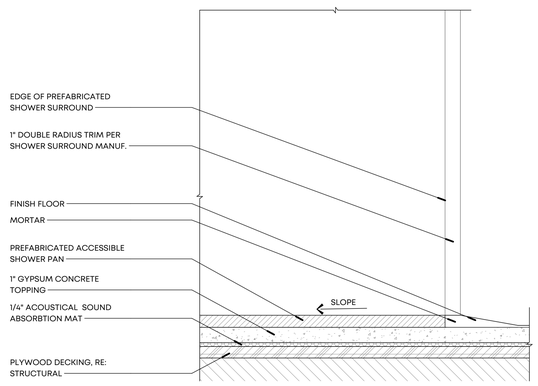
23 TUB AT NON-RATED WALL

SCALE: 3" = 1'-0"



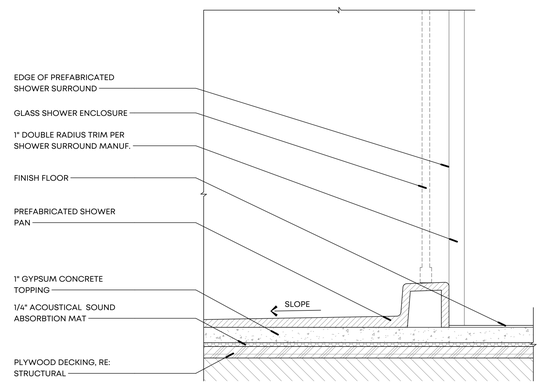
26 FURR-OUT ABOVE REFRIGERATOR

SCALE: 1 1/2" = 1'-0"



28 ACCESSIBLE SHOWER CURB

SCALE: 3" = 1'-0"



29 SHOWER CURB

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT DETAILS

Drawn By: CBB

Checked By: HC

A143

THE FRANCIS - 02.22025.00

UNIT NOTES

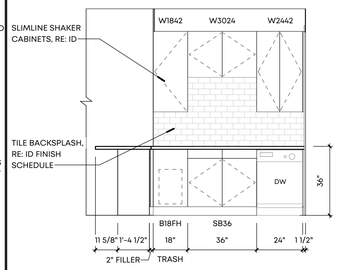
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A161 AND A162** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

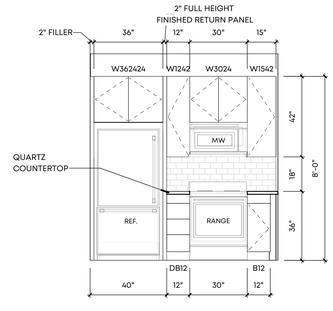
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



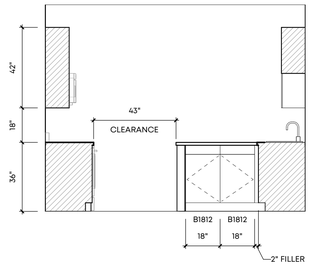
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



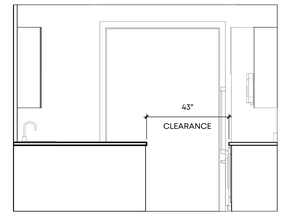
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



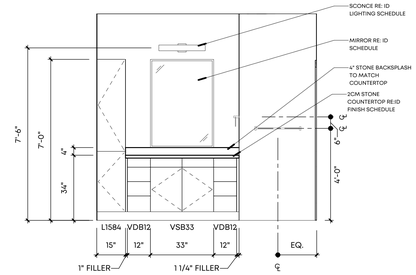
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



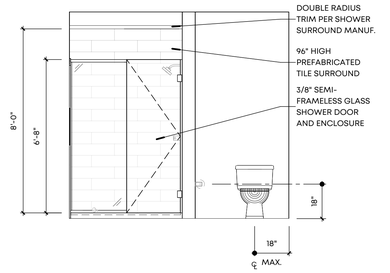
5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



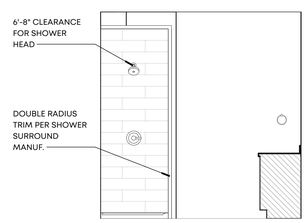
6 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



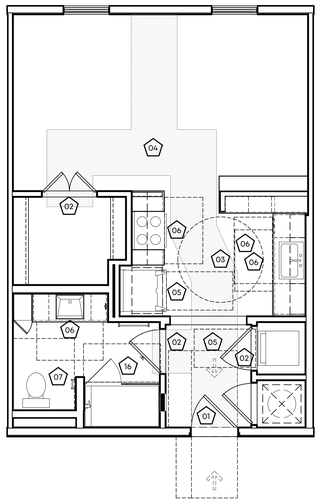
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



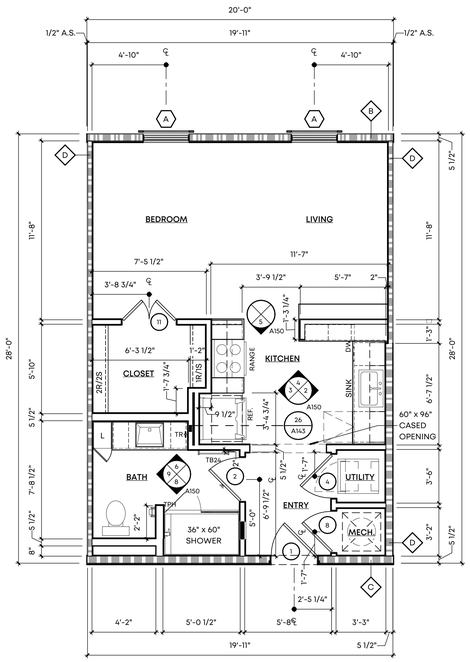
9 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



28 UNIT S1 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



29 UNIT S1

SCALE: 1/4" = 1'-0"

S1 Net: 560 SF
Gross: 560 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT S1

Drawn By: CBB, MW

Checked By: HC

A150

5/8/2025 5:13:05 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

UNIT NOTES

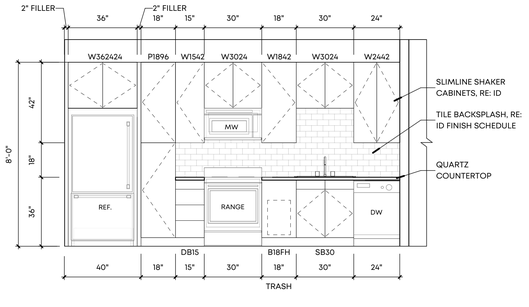
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

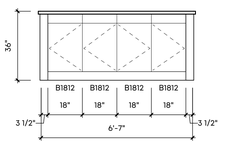
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



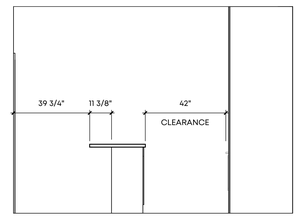
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



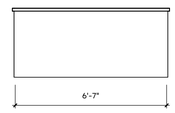
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



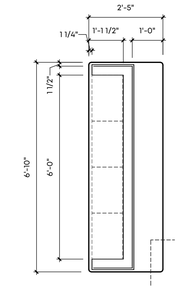
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



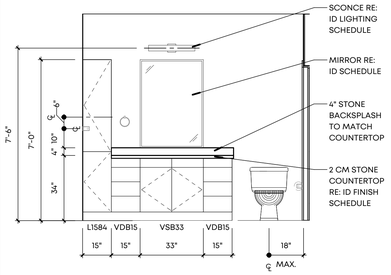
5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



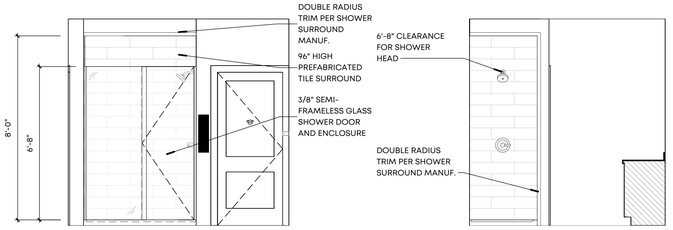
6 ENL. PLAN - ISLAND

SCALE: 1/2" = 1'-0"



8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"

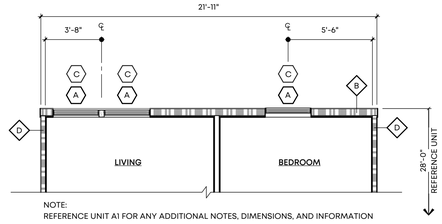


9 ELEVATION - BATH

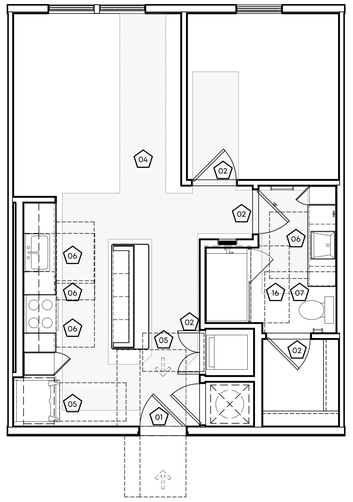
SCALE: 3/8" = 1'-0"

10 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



NOTE:
REFERENCE UNIT A1 FOR ANY ADDITIONAL NOTES, DIMENSIONS, AND INFORMATION



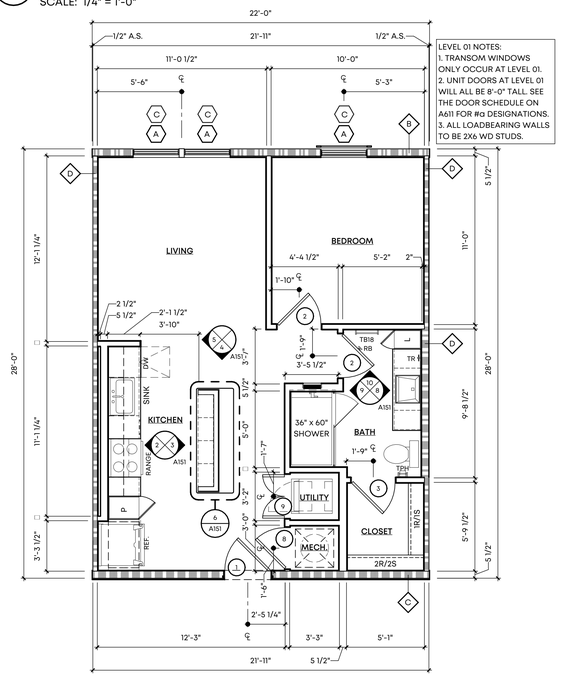
28 UNIT A1 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"

17 UNIT A1-alt1

A1 Net: 616 SF
Gross: 616 SF

SCALE: 1/4" = 1'-0"



29 UNIT A1

A1 Net: 616 SF
Gross: 616 SF

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:
LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

Drawing Name:
UNIT A1

Drawn By: CBB, MW

Checked By: HC

A151

THE FRANCIS - 02.22025.00

UNIT NOTES

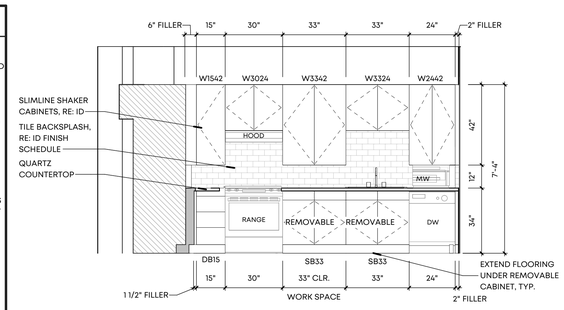
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

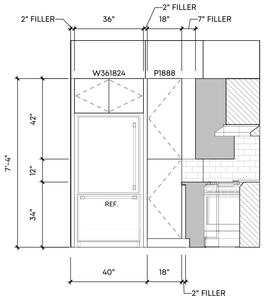
FAIR HOUSING/TYPE A PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	67" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE -] PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH
18	30" X 48" CLEAR FLOOR SPACE AT WORKSPACE - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE
19	30" X 48" CLEAR FLOOR SPACE AT SINKS - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



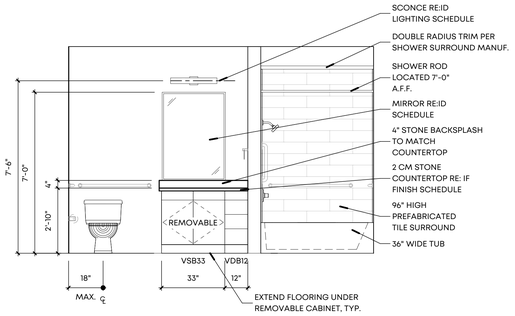
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



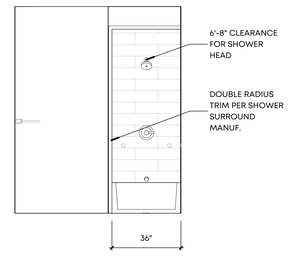
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



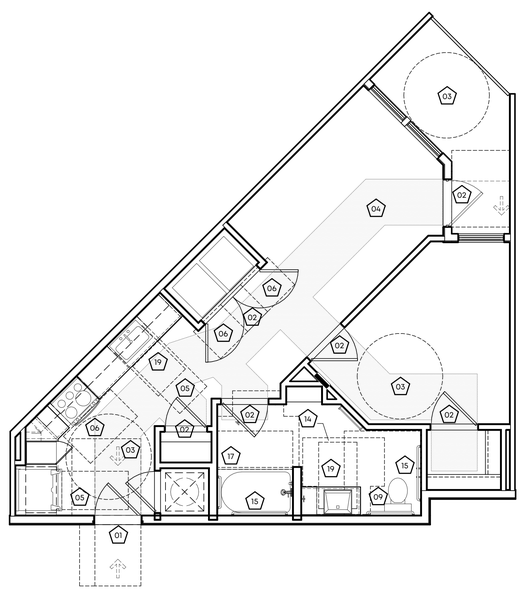
4 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



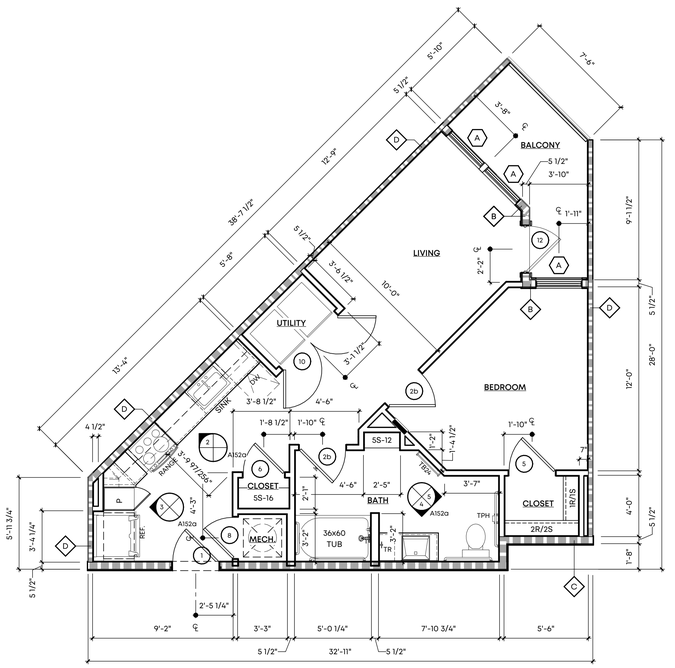
5 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



27 UNIT A2 ACCESSIBILITY - TYPE A

SCALE: 1/4" = 1'-0"



29 UNIT A2 ANSI

SCALE: 1/4" = 1'-0"

A2 ANSI Balcony:	79 SF
A2 ANSI Net:	622 SF
Gross:	701 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT A2 ANSI

Drawn By: CBB

Checked By: HC

A152a

5/8/2025 5:13:29 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

UNIT NOTES

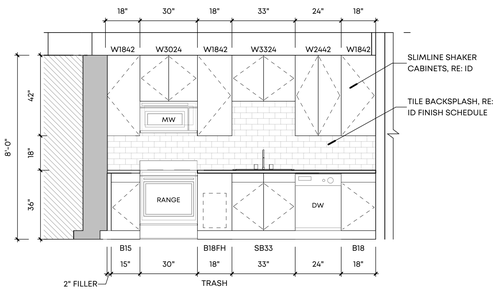
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

- 1/2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER / WALL
- 2-HOUR FIRE BARRIER / WALL

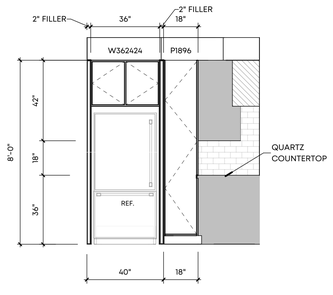
FAIR HOUSING/TYPE A PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	67" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE -] PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH
18	30" X 48" CLEAR FLOOR SPACE AT WORKSPACE - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE
19	30" X 48" CLEAR FLOOR SPACE AT SINKS - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



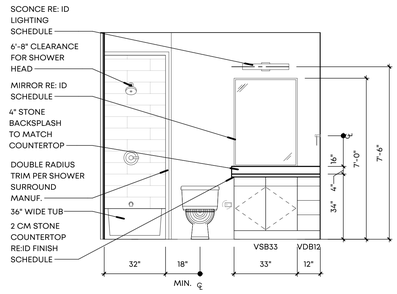
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



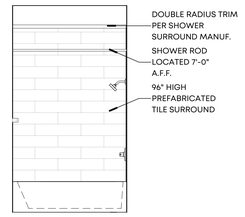
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



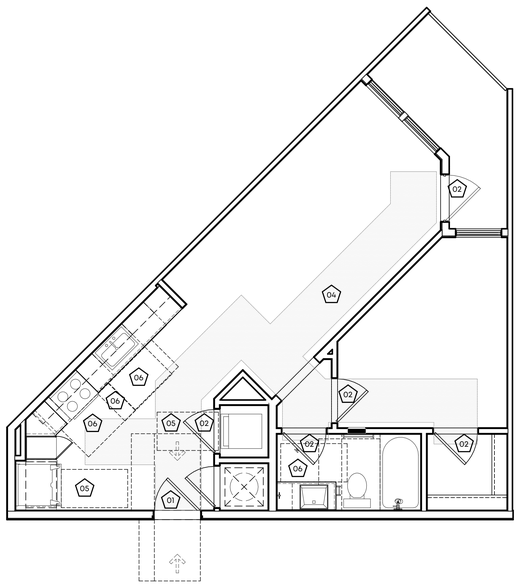
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



9 ELEVATION - BATH

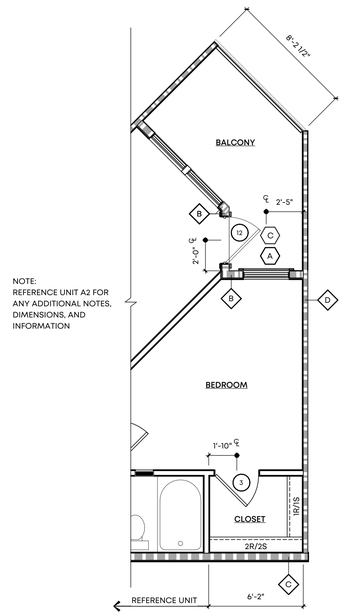
SCALE: 3/8" = 1'-0"



26 UNIT A2 ACCESSIBILITY - TYPE B (OPT. A)

SCALE: 1/4" = 1'-0"

NOTE:
REFERENCE UNIT A2 FOR ANY ADDITIONAL NOTES, DIMENSIONS, AND INFORMATION

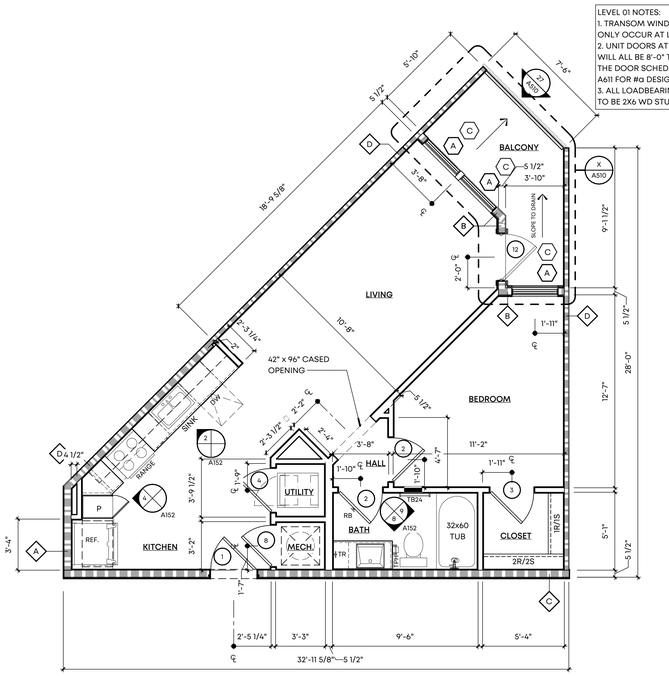


28 UNIT A2a

A2a Patio/Balcony:	92 SF
A2a Net:	652 SF
Gross:	744 SF

SCALE: 1/4" = 1'-0"

LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.



29 UNIT A2

A2 Patio/Balcony:	74 SF
A2 Net:	637 SF
Gross:	711 SF

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:
LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

Drawing Name:
UNITS A2 AND A2a

Drawn By: CBB

Checked By: HC

A152

THE FRANCIS - 02.22025.00

UNIT NOTES

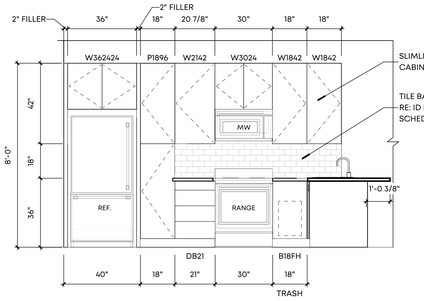
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

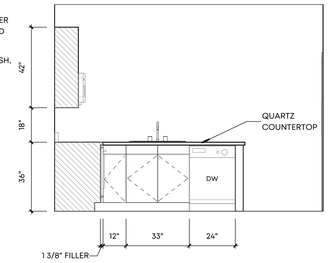
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



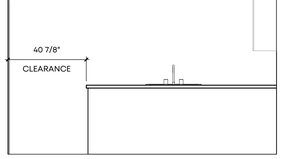
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



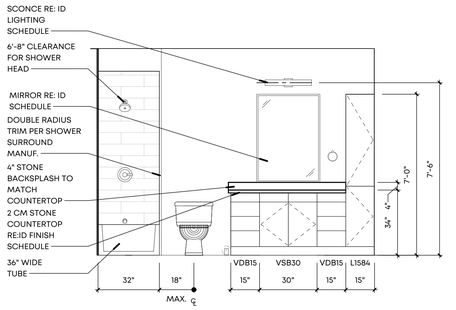
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



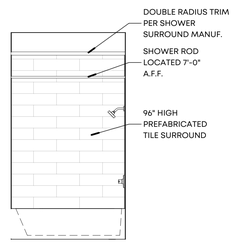
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



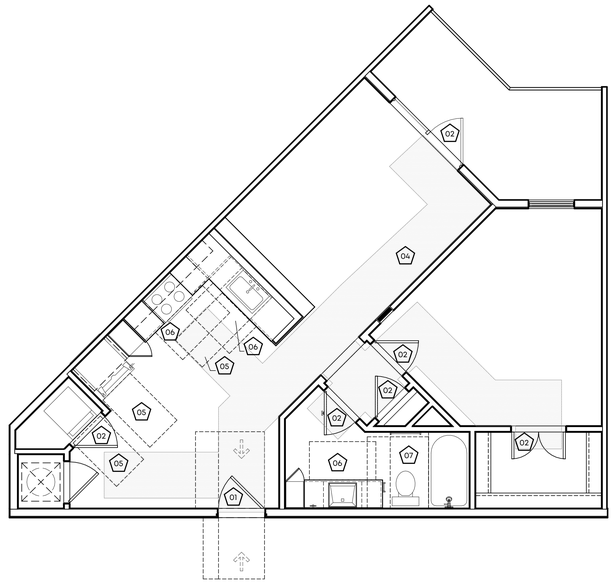
5 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



6 ELEVATION - BATH

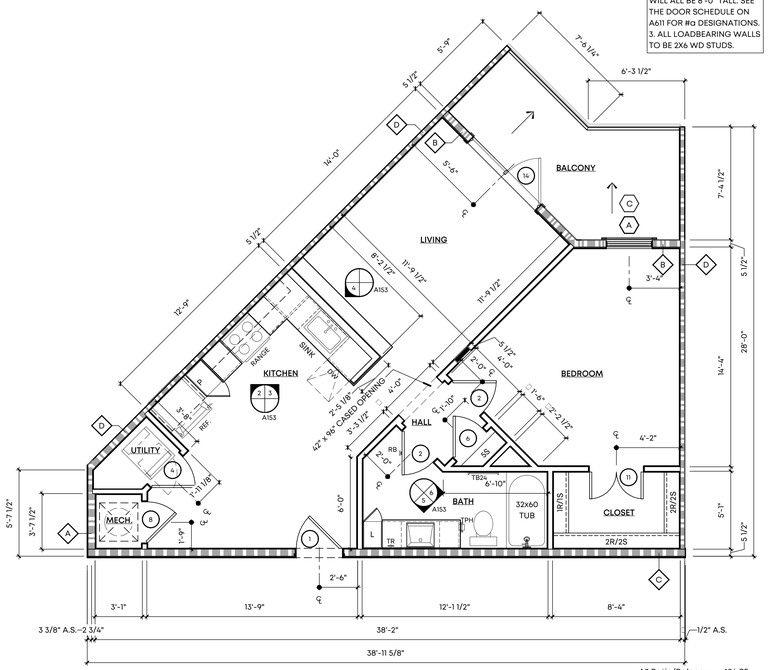
SCALE: 3/8" = 1'-0"



27 UNIT A3 ACCESSIBILITY - TYPE B (OPT. A)

SCALE: 1/4" = 1'-0"

LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.



A3 Patio/Balcony:	106 SF
A3 Net:	774 SF
Gross:	879 SF

29 UNIT A3

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT A3

Drawn By: CBB

Checked By: HC

A153

C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

5/8/2025 5:13:35 PM

THE FRANCIS - 02.22025.00

UNIT NOTES

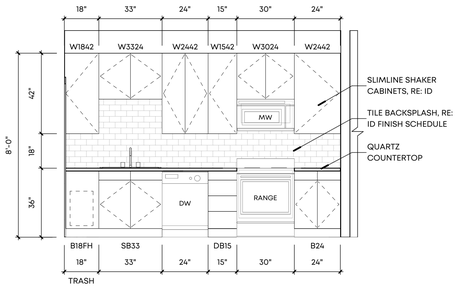
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

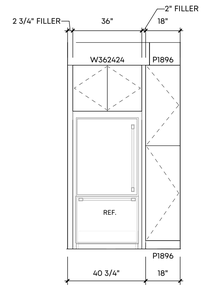
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



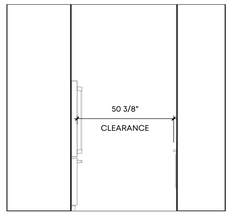
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



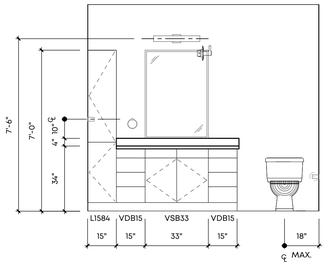
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



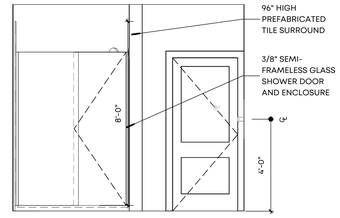
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



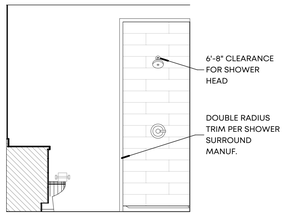
5 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



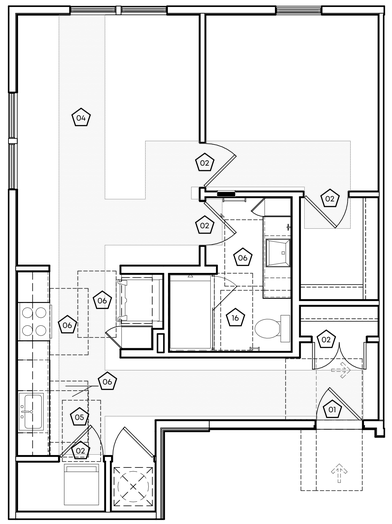
6 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



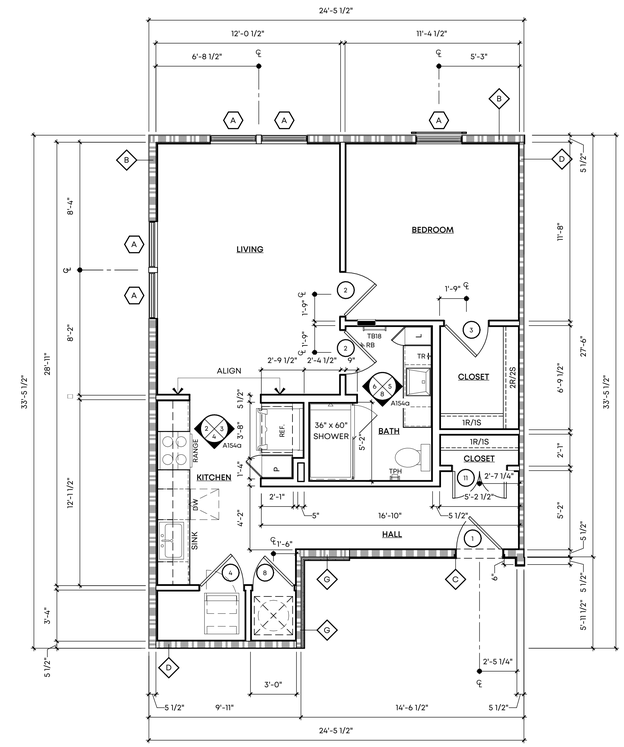
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



27 UNIT A4a ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



29 UNIT A4a

SCALE: 1/4" = 1'-0"

A4a Net: 735 SF
Gross: 735 SF

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT A4a

Drawn By: CBB

Checked By: HC

A154a

5/8/2025 5:13:48 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

THE FRANCIS - 02.22025.00

UNIT NOTES

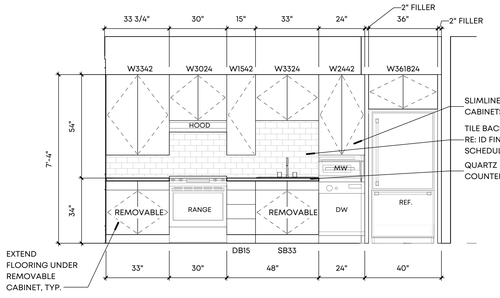
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD - VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB18, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

- 1/2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER / WALL
- 2-HOUR FIRE BARRIER / WALL

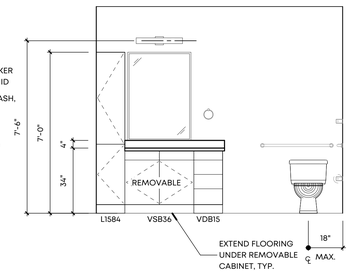
FAIR HOUSING/TYPE A PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	67" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE -] PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH
18	30" X 48" CLEAR FLOOR SPACE AT WORKSPACE - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE
19	30" X 48" CLEAR FLOOR SPACE AT SINKS - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



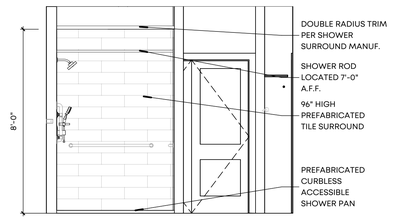
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



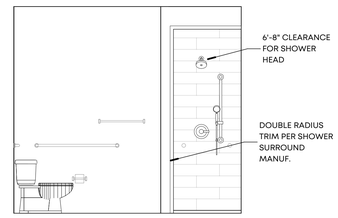
3 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



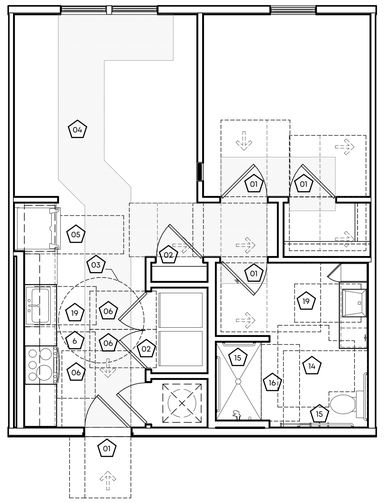
4 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



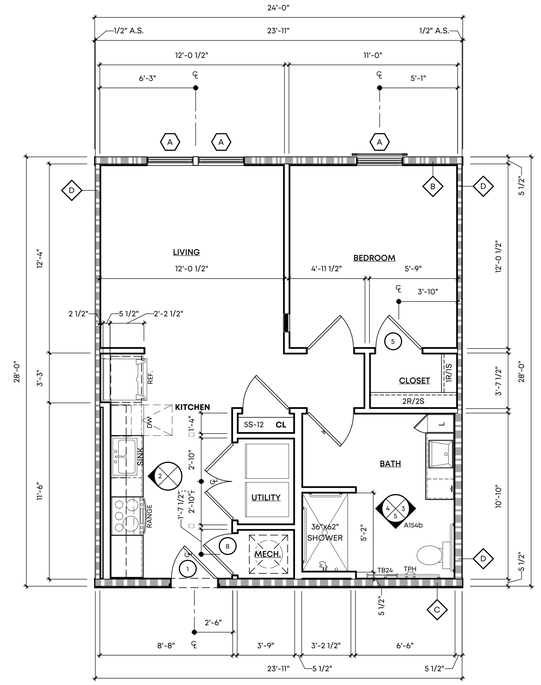
5 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



28 UNIT A4 ACCESSIBILITY - TYPE A

SCALE: 1/4" = 1'-0"



29 UNIT A4 ANSI

SCALE: 1/4" = 1'-0"

A4 ANSI Net: 672 SF
Gross: 672 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT A4 ANSI

Drawn By: CBB

Checked By: HC

A154b

5/8/2025 5:13:54 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

UNIT NOTES

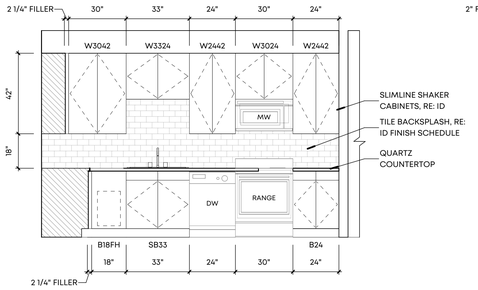
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

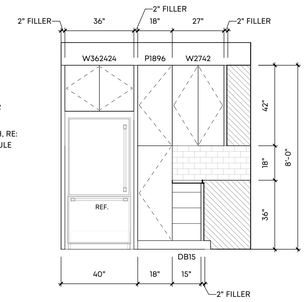
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



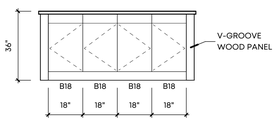
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



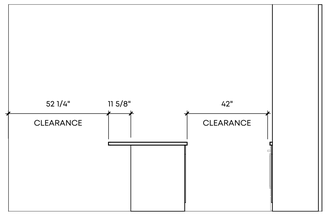
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

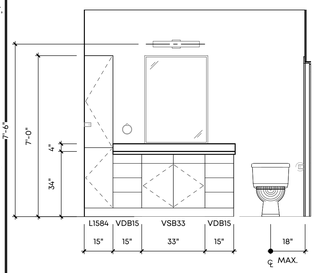


5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

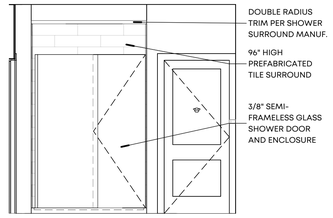
6 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



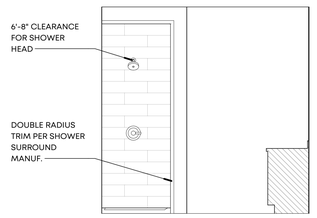
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



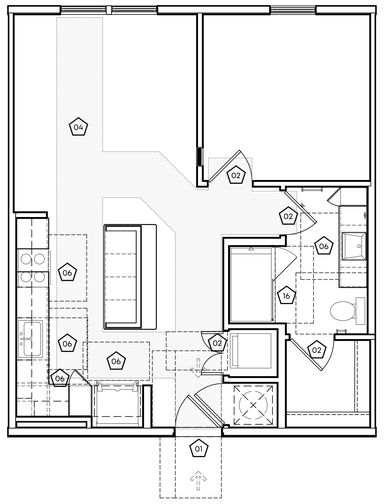
9 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



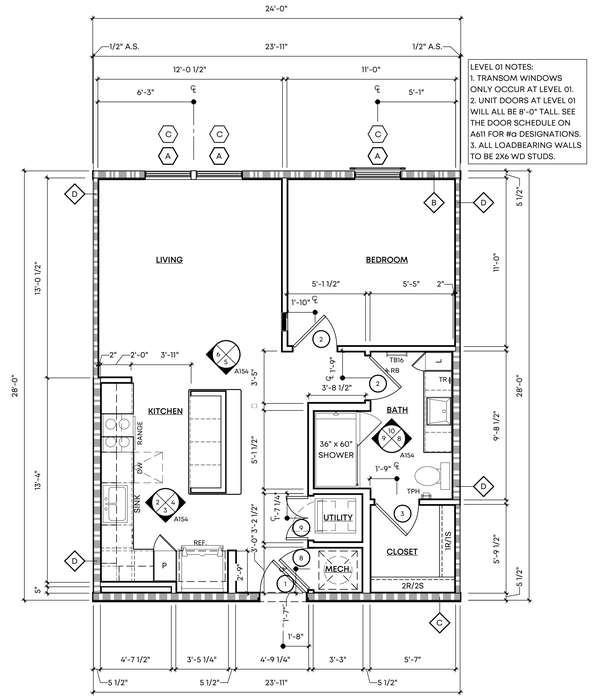
10 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



26 UNIT A4 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.

29 UNIT A4

SCALE: 1/4" = 1'-0"

A4 Net: 672 SF
Gross: 672 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT A4

Drawn By: CBB

Checked By: HC

A154

UNIT NOTES

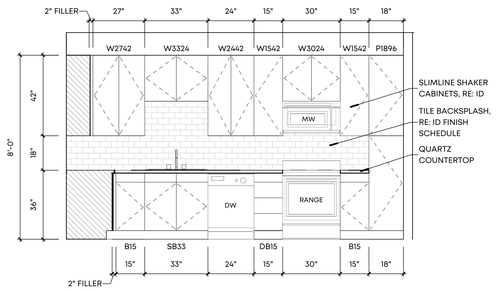
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB18, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

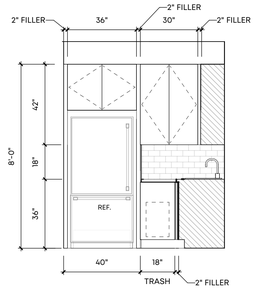
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



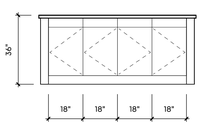
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



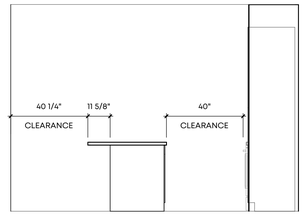
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

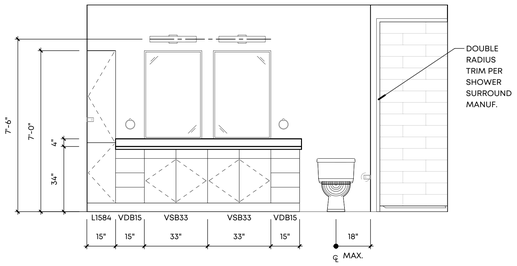


5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

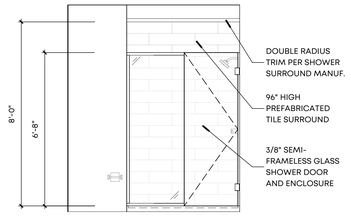
6 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



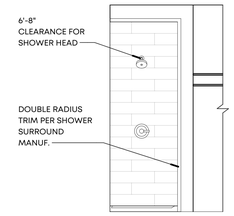
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



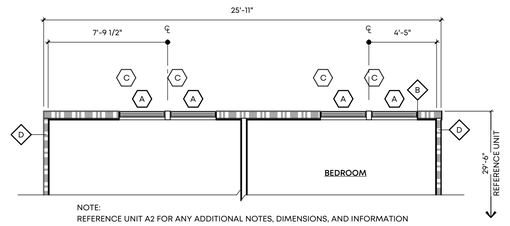
9 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



10 ELEVATION - BATH

SCALE: 3/8" = 1'-0"

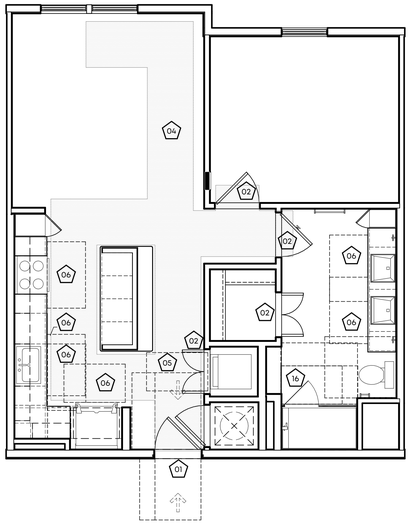


NOTE:
REFERENCE UNIT A2 FOR ANY ADDITIONAL NOTES, DIMENSIONS, AND INFORMATION

17 UNIT A5a

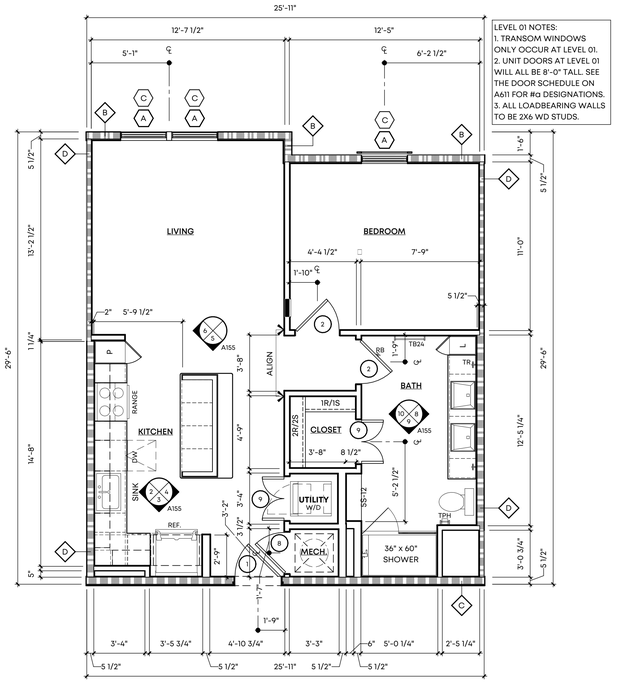
SCALE: 1/4" = 1'-0"

A5a Net: 767 SF
Gross: 767 SF



27 UNIT A5 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.

29 UNIT A5

SCALE: 1/4" = 1'-0"

A5 Net: 748 SF
Gross: 748 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:
LAURICELLA LAND COMPANY, LLC
envision + advance + sustain
FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
4	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

Drawing Name:
UNITS A5 AND A5a

Drawn By: CBB

Checked By: HC

A155

UNIT NOTES

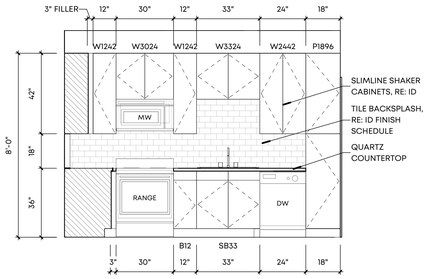
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

- 1/2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER / WALL
- 2-HOUR FIRE BARRIER / WALL

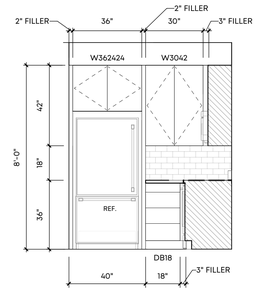
FAIR HOUSING/TYPE A PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	67" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE -] PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH
18	30" X 48" CLEAR FLOOR SPACE AT WORKSPACE - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE
19	30" X 48" CLEAR FLOOR SPACE AT SINKS - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



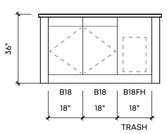
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



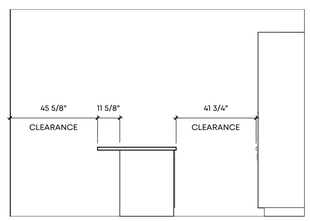
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



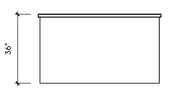
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



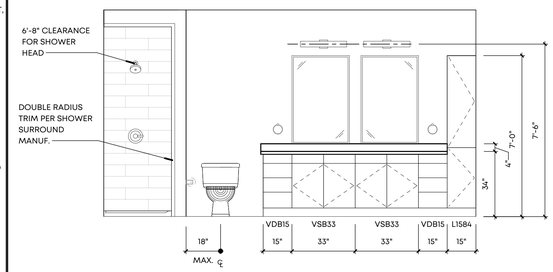
5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



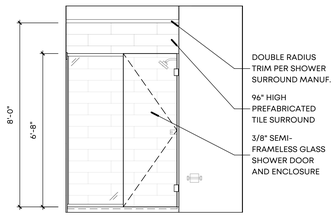
6 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



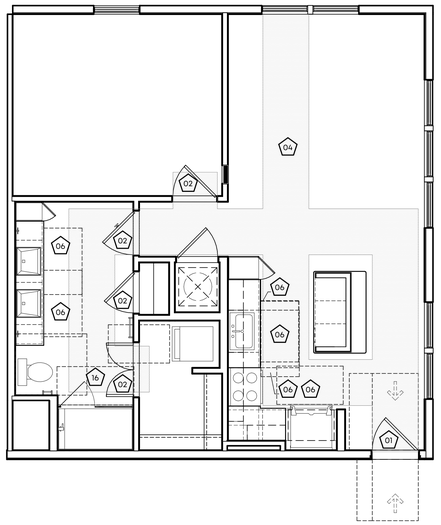
8 ELEVATION - BATH

SCALE: 3/8" = 1'-0"



9 ELEVATION - BATH

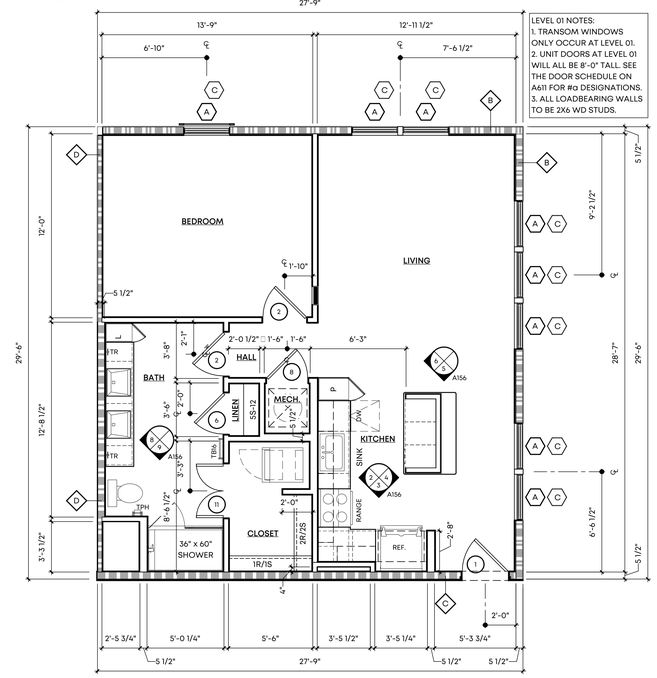
SCALE: 3/8" = 1'-0"



25 UNIT A6 ACCESSIBILITY - TYPE B (OPT. A)

SCALE: 1/4" = 1'-0"

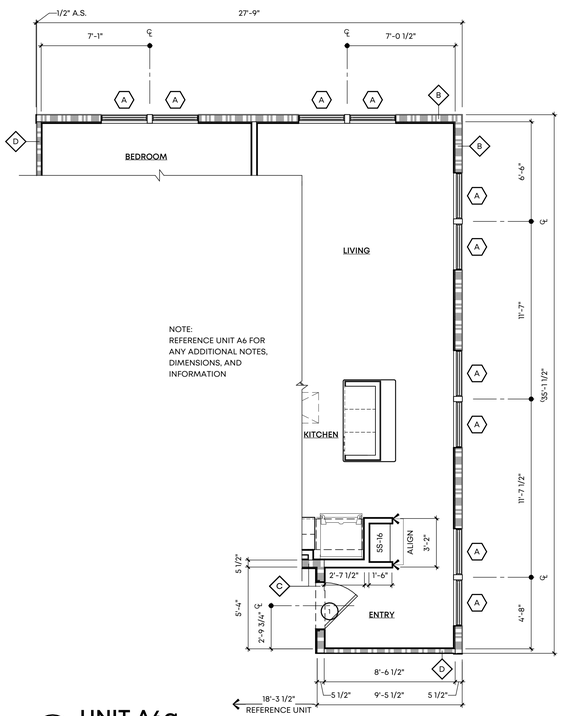
LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #o DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.



27 UNIT A6a

A6a Net: 874 SF
Gross: 874 SF

SCALE: 1/4" = 1'-0"



29 UNIT A6

A6 Net: 821 SF
Gross: 821 SF

SCALE: 1/4" = 1'-0"

LRK
643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNITS A6 AND A6a

Drawn By: CBB

Checked By: HC

A156

THE FRANCIS - 02.22025.00

UNIT NOTES

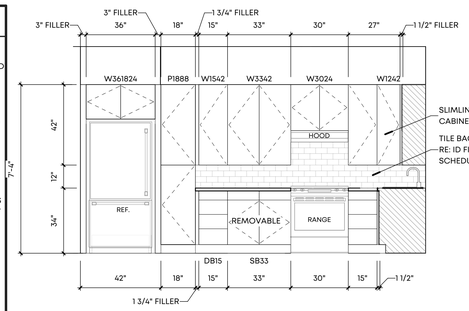
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

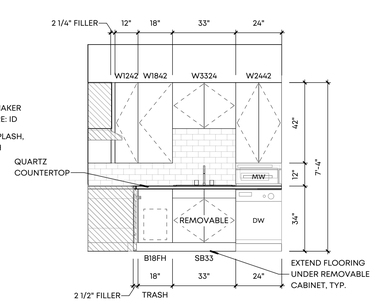
FAIR HOUSING/TYPE A PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	67" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE -] PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH
18	30" X 48" CLEAR FLOOR SPACE AT WORKSPACE - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE
19	30" X 48" CLEAR FLOOR SPACE AT SINKS - PERPENDICULAR APPROACH WITH 17"-25" UNDERNEATH FRONT EDGE

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



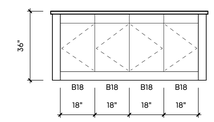
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



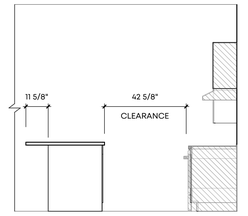
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

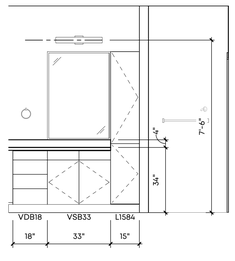


5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

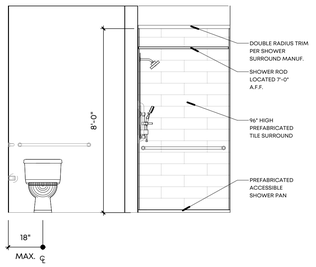
6 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



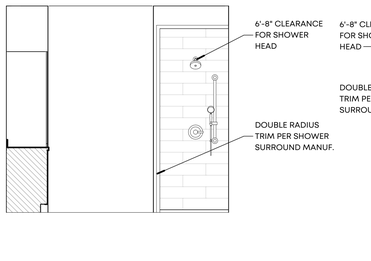
8 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



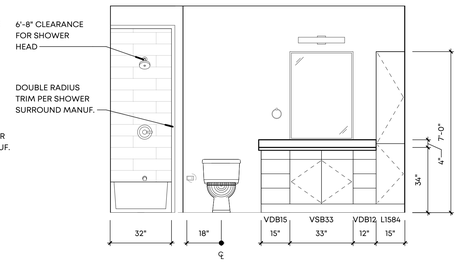
9 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



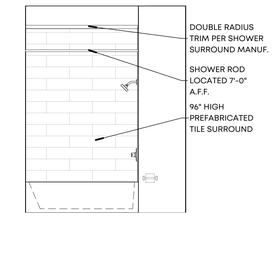
10 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



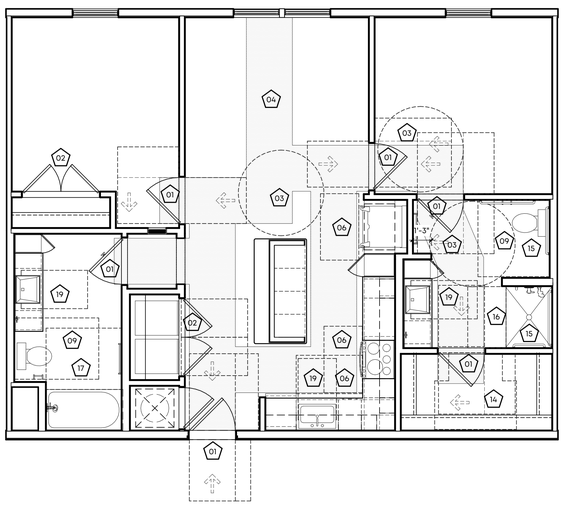
11 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



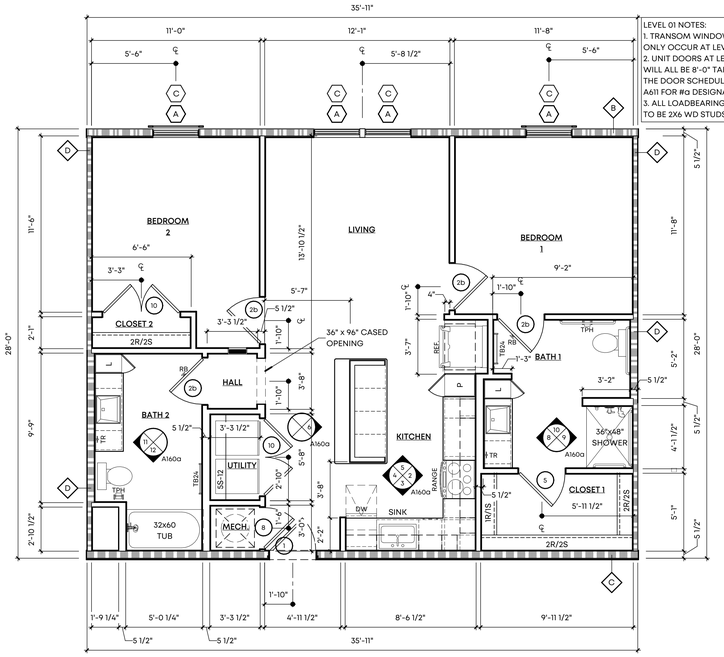
12 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



27 UNIT B1 ANSI ACCESSIBILITY - TYPE A

SCALE: 1/4" = 1'-0"



LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.

29 UNIT B1 ANSI

SCALE: 1/4" = 1'-0"

B1 ANSI Net: 1,009 SF
Gross: 1,009 SF

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
05.22.24	Design Development Progress
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT B1 ANSI

Drawn By: CBB

Checked By: HC

A160a

5/8/2025 5:14:35 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

UNIT NOTES

1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

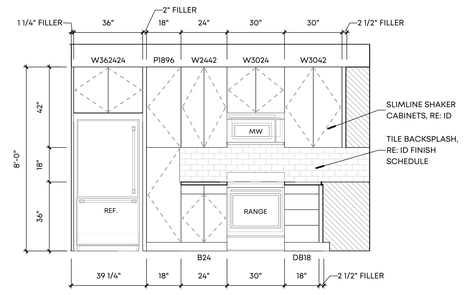
1/2-HOUR FIRE BARRIER

1-HOUR FIRE BARRIER / WALL

2-HOUR FIRE BARRIER / WALL

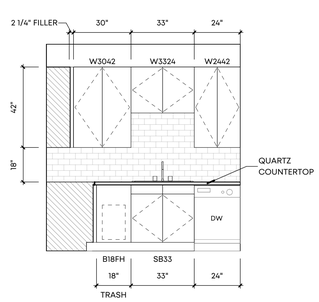
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



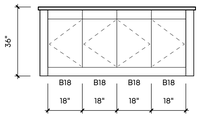
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



4 ELEVATION - KITCHEN

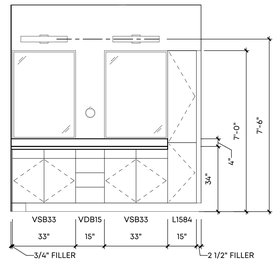
SCALE: 3/8" = 1'-0"

5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

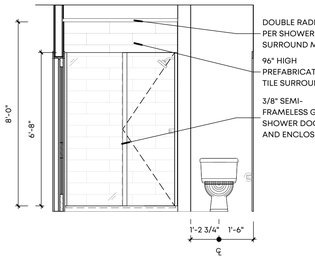
6 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



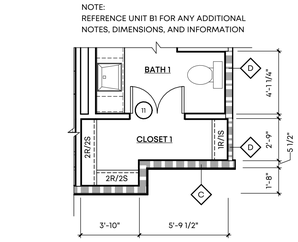
8 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



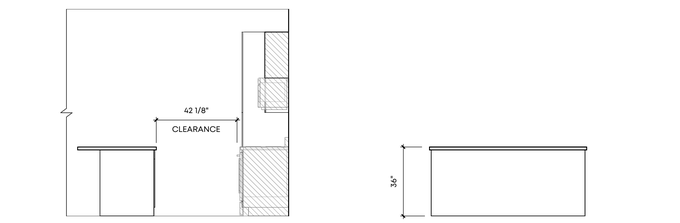
9 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



10 ELEVATION - BATH 1

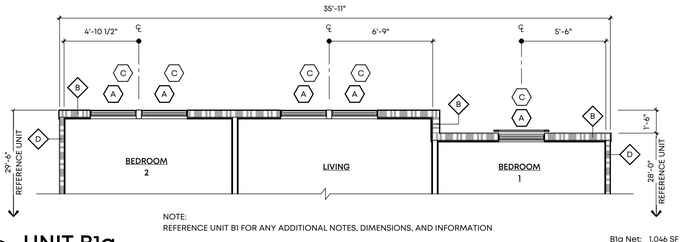
SCALE: 3/8" = 1'-0"



11 UNIT B1b

SCALE: 1/4" = 1'-0"

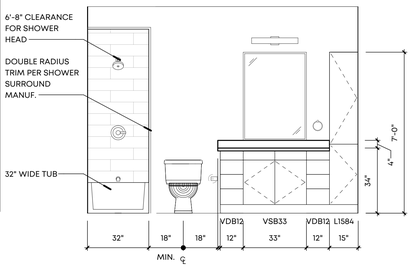
B1b Net: 1,063 SF
Gross: 1,063 SF



17 UNIT B1a

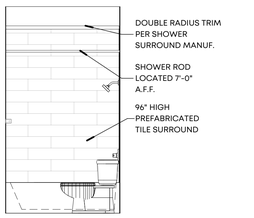
SCALE: 1/4" = 1'-0"

B1a Net: 1,046 SF
Gross: 1,046 SF



14 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



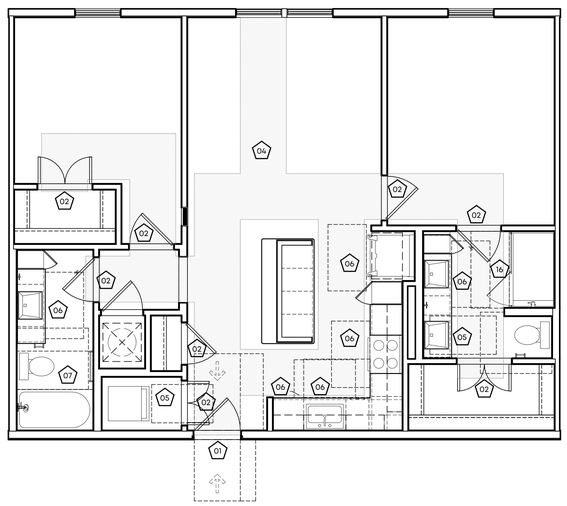
15 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"

16 UNIT B1c

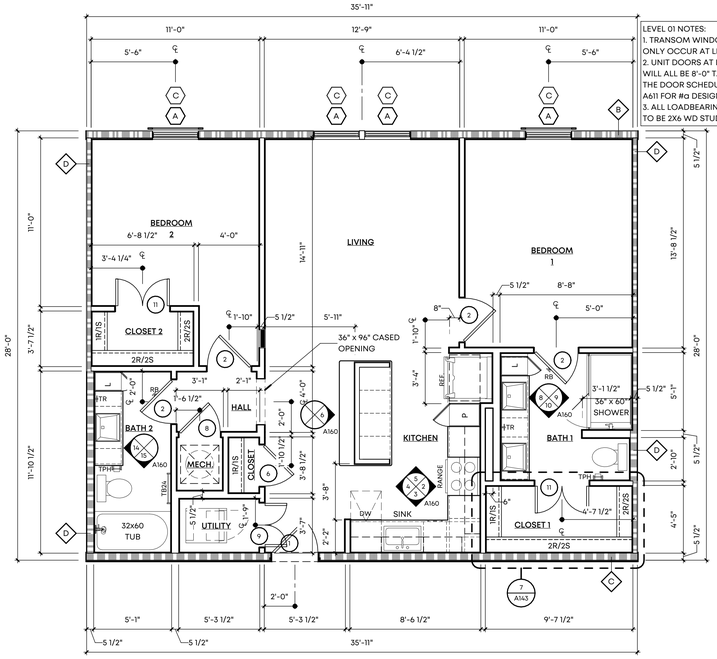
SCALE: 1/4" = 1'-0"

B1c Net: 1,000 SF
Gross: 1,000 SF



27 UNIT B1 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



29 UNIT B1

SCALE: 1/4" = 1'-0"

B1 Net: 1,009 SF
Gross: 1,009 SF

LEVEL 01 NOTES:
1. TRANSOM WINDOWS ONLY OCCUR AT LEVEL 01.
2. UNIT DOORS AT LEVEL 01 WILL ALL BE 8'-0" TALL. SEE THE DOOR SCHEDULE ON A611 FOR #a DESIGNATIONS.
3. ALL LOADBEARING WALLS TO BE 2X6 WD STUDS.

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:
LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
2	05.22.24	Design Development Progress
3	06.19.24	100% Design Development
4	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

Drawing Name:
UNITS B1, B1a, B1b AND B1c

Drawn By: CBB

Checked By: HC

A160

THE FRANCIS - 02.22025.00

UNIT NOTES

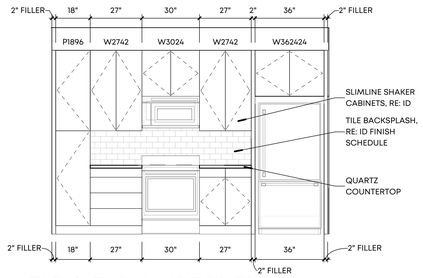
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB24: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

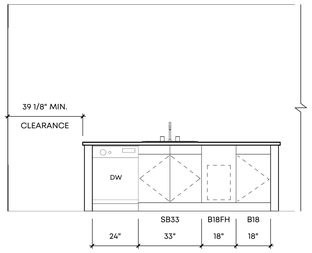
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



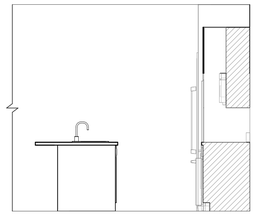
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



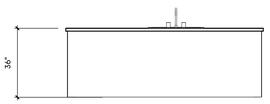
3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



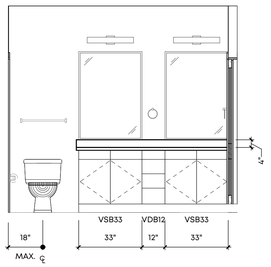
4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



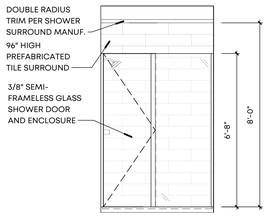
7 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



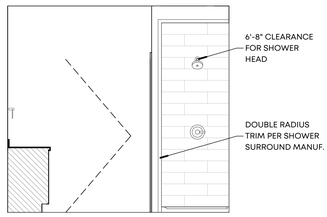
8 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



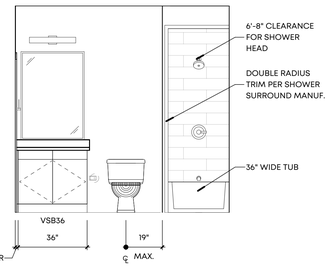
5 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



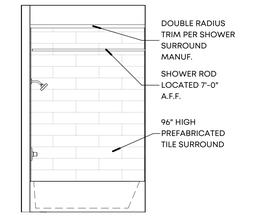
10 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



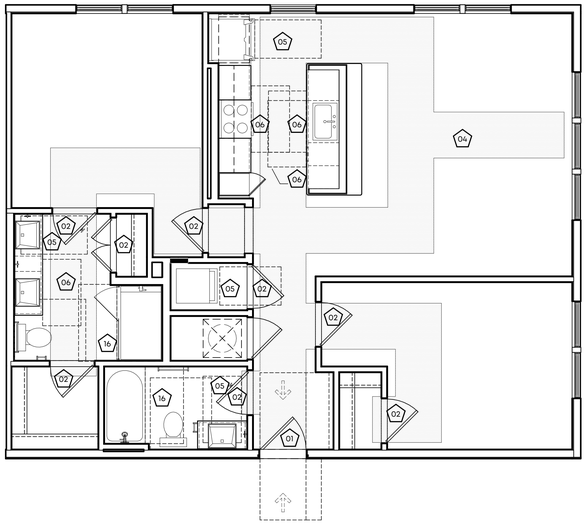
11 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



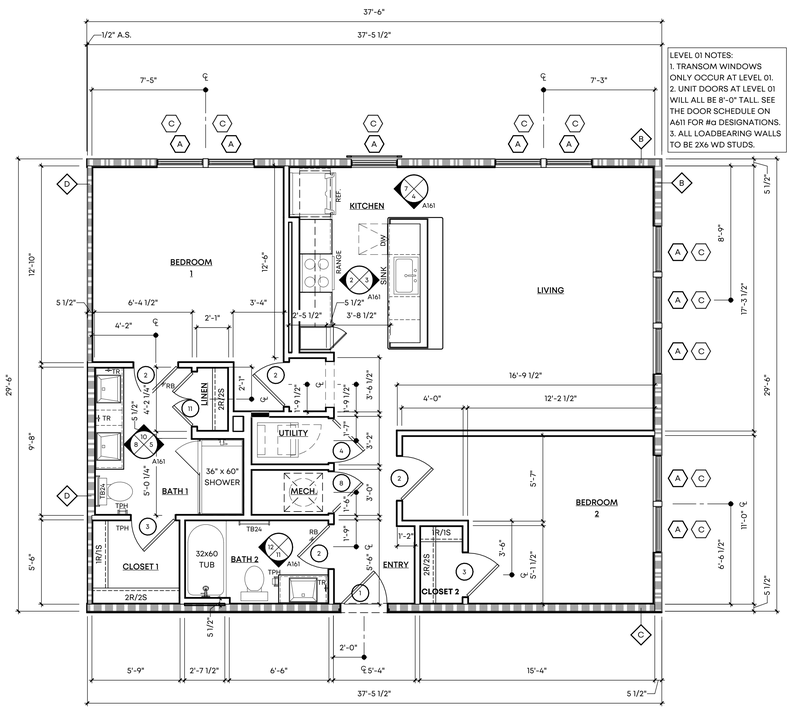
12 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



26 UNIT B2 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



29 UNIT B2

SCALE: 1/4" = 1'-0"

B2 Net: 1,109 SF
Gross: 1,109 SF

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNIT B2

Drawn By: CBB

Checked By: HC

A161

5/8/2025 5:14:43 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

UNIT NOTES

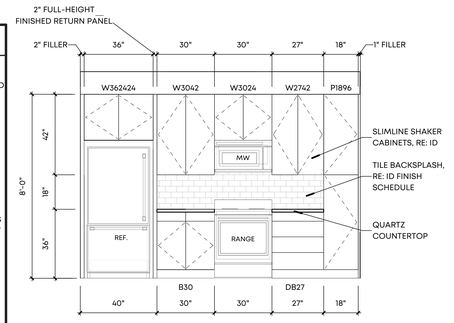
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD – VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

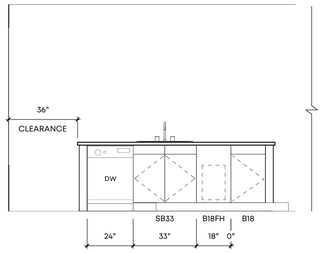
FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT



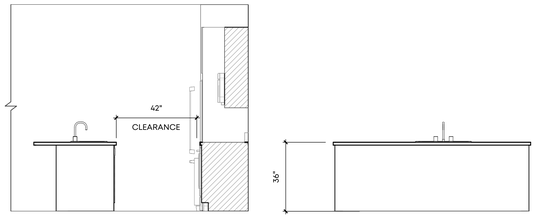
2 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



3 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

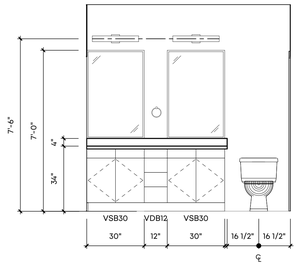


4 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"

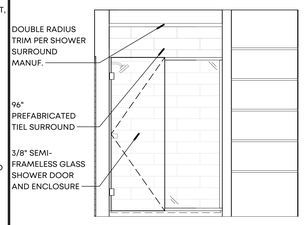
5 ELEVATION - KITCHEN

SCALE: 3/8" = 1'-0"



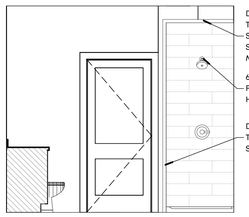
6 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



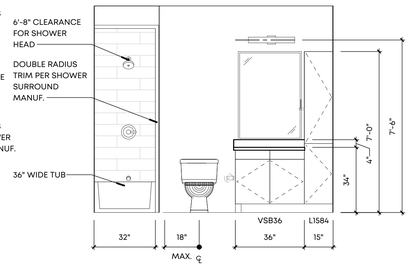
8 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



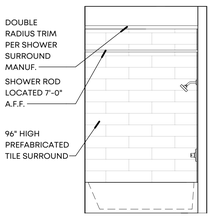
9 ELEVATION - BATH 1

SCALE: 3/8" = 1'-0"



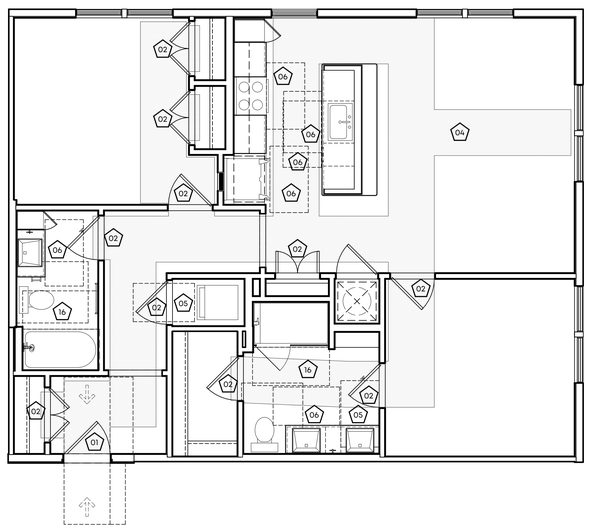
10 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



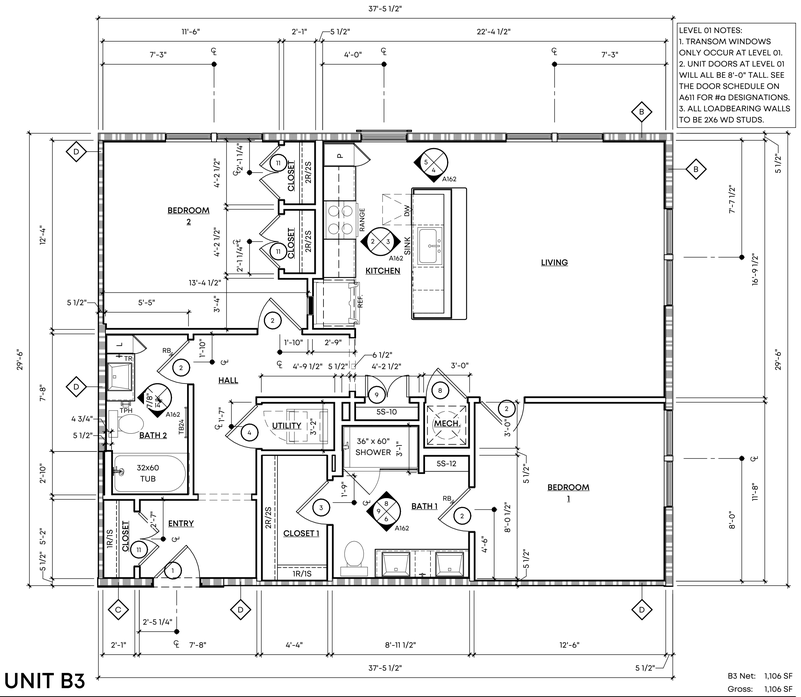
14 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"



26 UNIT B3 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



B3 Net: 1,106 SF
Gross: 1,106 SF

28 UNIT B3

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNITS B3

Drawn By: CBB

Checked By: HC

A162

THE FRANCIS - 02.22025.00

UNIT NOTES

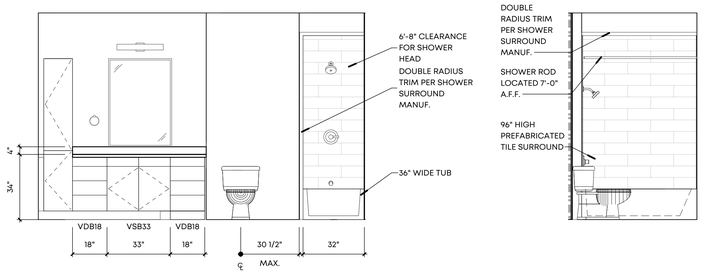
1. ALL DIMENSIONS ON UNIT PLANS ARE TO OUTSIDE FACE OF STUD UNLESS NOTED OTHERWISE. STUDS NOT DIMENSIONED ARE 2x4 WOOD STUDS TYPICAL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR NON-BEARING WALLS ARE **2X4/2X6** WOOD STUDS WITH 1 LAYER 5/8" TYPE X GYPSUM BOARD ON THE FINISH SIDE(S) UNLESS TAGGED OTHERWISE.
   1. STUDS SPACED AT **16"** O.C. AT WALLS TO RECEIVE TILE FINISH.
   2. STUDS SPACED AT **24"** O.C. AT ALL OTHER WALL UNLESS OTHERWISE DESIGNATED BY THE STRUCTURAL ENGINEER.
3. REFERENCE STRUCTURAL DRAWINGS FOR WALL FRAMING AND SPACING AT BEARING WALLS.
4. ALL LOAD BEARING WALLS ON LEVEL 1 TO BE 2X6 WOOD STUDS. REFERENCE STRUCTURAL DRAWINGS FOR LOCATIONS.
5. KITCHEN BASE CABINETS ARE 24" DEEP AND BATH (VANITY) BASE CABINETS ARE 21" DEEP, TYP. CABINETS HAVE A 36 INCH COUNTER HEIGHT UNO. PROVIDE FINISH PANELS AT ALL EXPOSED END CONDITIONS OF CABINETS WHERE V-GROOVE PANELING IS NOT DESIGNATED. CABINET DESIGNATIONS AS FOLLOWS:
   X (TYPE DESIGNATOR) - ##(NOMINAL WIDTH)##(NOMINAL HEIGHT)
   W – WALL B – BASE
   DB – DRAWER BASE SB – SINK BASE
   VSB – VANITY SINK BASE VSD - VANITY DRAWER BASE
   P – PANTRY L – VANITY LINEN
   X##a – INDICATES A 34" COUNTER HEIGHT
6. SHELVING
   A. CLOSET SHELVES ARE 12" DEEP PAINTED WOOD SHELVES WITH A BRONZE METAL ROD ATTACHED TO THE SIDE WALLS. DESIGNATIONS AS FOLLOWS:1R/1S -(1) SHELF MOUNTED AT 69" AFF; 2R/2S - (2) SHELVES AT 42" AND 84" AFF; 5S - (5) SHELVES AT 24", 40", 56", 72", AND 88" AFF; SHOE- VERTICAL SHOE RACK BENEATH A SHELF.
   B. UTILITY CLOSET SHELVES ARE 16" DEEP METAL WIRE SHELVES. DESIGNATIONS AS FOLLOWS: 2S/16 - (2) SHELVES MOUNTED AT 60" AND 84" AFF;
   C. PANTRY AND LINEN CLOSETS SHELVES ARE 16" DEEP SHELVES PROVIDED BY CABINET MANUFACTURER. DESIGNATIONS AS FOLLOWS: 5S/16-(5) SHELVES MOUNTED AT 24", 40", 56", 72", AND 88" AFF.
   D. EXPOSED SHELVES ARE 10" DEEP, MDF WITH 1X2 WOOD FACING AND WOOD CLEAT, MOUNTED AT 30", 42", 56", 72" AND 88" AFF.
7. VERIFY EXACT DIMENSIONS REQUIRED TO INSTALL HVAC AND WATER HEATING EQUIPMENT WITH MANUFACTURER BEFORE BUILDING ENCLOSURE WALLS AND FURR DOWNS.
8. VERIFY FRAMING OPENING DIMENSIONS SHOWN FOR TUBS AND SHOWERS WITH ACTUAL TUB AND SHOWER SUPPLIED. ADJUST AS REQUIRED.
9. MOISTURE RESISTANT GYPSUM BOARD SHALL BE USED AT ALL TUB/SHOWER AREAS WHERE TILE IS NOT USED AND PREMAUFACTURED SHOWER SURROUNDS ARE INSTALLED.
10. ALL INTERIOR UNIT WALLS AND CEILINGS ARE PAINTED GYPSUM BOARD UNO. REFERENCE FINISH PLANS, FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR SPECIALLY FINISHES.
11. ALL INTERIOR UNIT WALLS TO HAVE PAINTED WOOD BASE TRIM INCLUDING MECHANICAL, UTILITY, AND COAT CLOSETS. BASE TRIM TO RECEIVE QUARTER ROUND AND CAULK BETWEEN TRIM AND FLOOR.
12. UNLESS OTHERWISE NOTED, ALL LEVEL 1 CEILING HEIGHTS APPROX. 11'-10" AND ALL UPPER LEVEL UNITS HEIGHTS APPROX. 9'-0".
13. CENTER ALL LIGHT FIXTURES IN ROOM, UNO.
14. REFER TO PROJECT DATA SHEET FOR PROJECT SQUARE FOOTAGE INFORMATION.
15. ALL INTERIOR ELEVATIONS ARE DRAWN ASSUMING FINISH FACE OF GYPSUM BOARD U.N.O.
16. PROVIDE CONCEALED BLOCKING AT ALL INTERIOR PARTITIONS AS REQUIRED FOR CABINETS, COUNTERTOPS, SHELVES, TOILET ACCESSORIES, RAILINGS, ETC..
17. INSULATE ALL PLUMBING RISERS IN WALL WITH BATT INSULATION.
18. FOR ACCESSIBILITY REQUIREMENTS REFER TO **A141 AND A142** FOR MORE INFORMATION.
19. IN CLOSETS AND ROOMS WHERE FLOOR FINISH IS NOT INDICATED, CONTINUE FLOOR FINISH FROM ADJACENT ROOM, UNLESS NOTED OTHERWISE.
20. TRANSITIONS AT ALL FINISH FLOOR CHANGES TO OCCUR AT THE CENTER LINE OF THE DOOR PANEL (NOT THE CENTER OF THE OPENING) OR THE EDGE OF THE CASED OPENING.
21. DOORS AND CASED OPENINGS ARE CENTERED IN THE ROOM UNLESS DIMENSIONED OTHERWISE.
22. ALL CASED OPENINGS ARE 8'-0" TALL AT LEVEL 1 AND 6'-8" AT UPPER LEVELS, UNO.
23. SEE **A143** FOR ADDITIONAL UNIT DETAILS.
24. BATHROOM ACCESSORIES
   A. RB: ROBE HOOK - 54" A.F.F.
   B. TB1B, TB2A: TOWEL BAR (LENGTH IN INCHES) - 48" A.F.F.
      1. MOUNTING HEIGHT OVER TOILET IS 60" A.F.F.
   C. TR: TOWEL RING - 54" A.F.F.
   D. TPH: PAPER ROLL HOLDER - 18" A.F.F.
   E. SR: SHOWER ROD - 84" A.F.F.
25. PROVIDE UNDER-COUNTER FIRE EXTINGUISHER UNDER KITCHEN SINK CABINET IN EACH UNIT.
26. REFER TO INTERIOR DESIGN DRAWINGS AND FINISH SCHEDULE FOR FLOORING MATERIALS, LIGHT FIXTURES, AND OTHER MATERIALS.

WALL RATING LEGEND

	1/2-HOUR FIRE BARRIER
	1-HOUR FIRE BARRIER / WALL
	2-HOUR FIRE BARRIER / WALL

FAIR HOUSING/TYPE B PLAN LEGEND	
01	ACCESSIBLE ENTRY.
02	USEABLE DOOR.
03	60" DIAMETER CIRCULAR TURNING SPACE.
04	ACCESSIBLE ROUTE THROUGH COVERED DWELLING UNIT.
05	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PERPENDICULAR APPROACH.
06	30" X 48" CLEAR FLOOR SPACE CENTERED ON APPLIANCE/FIXTURE - PARALLEL APPROACH.
07	48" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
08	60" X 56" CLEAR FLOOR SPACE AT WATER CLOSET.
09	56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET. (ANSI)
10	BATHROOM EXEMPT FROM CLEAR FLOOR SPACE REQUIREMENTS AT FIXTURES.
11	30" X 48" CLEAR FLOOR SPACE ADJACENT TO APPLIANCE DOOR SWITCH WITH 6" MAX. ENCROACHMENTS.
12	ACCESSIBLE BATHROOM.
13	30" X 60" CLEAR FLOOR SPACE AT BATHTUB - PARALLEL APPROACH
14	T-SHAPED TURNING SPACE.
15	BLOCKING FOR GRAB BARS AS REQUIRED.
16	FULL LENGTH OF SHOWER CLEAR FLOOR SPACE.
17	48" X 60" TUB CLEAR FLOOR SPACE NEXT TO WATER CLOSET - PARALLEL APPROACH

NOTE: ALL UNITS TO BE CONSTRUCTED WITH BLOCKING REINFORCEMENT IN BATHROOM WALLS TO ALLOW LATER INSTALLATION OF GRAB BARS AROUND TOILET, TUB, SHOWER STALL AND SHOWER SEAT.



14 ELEVATION - BATH 2

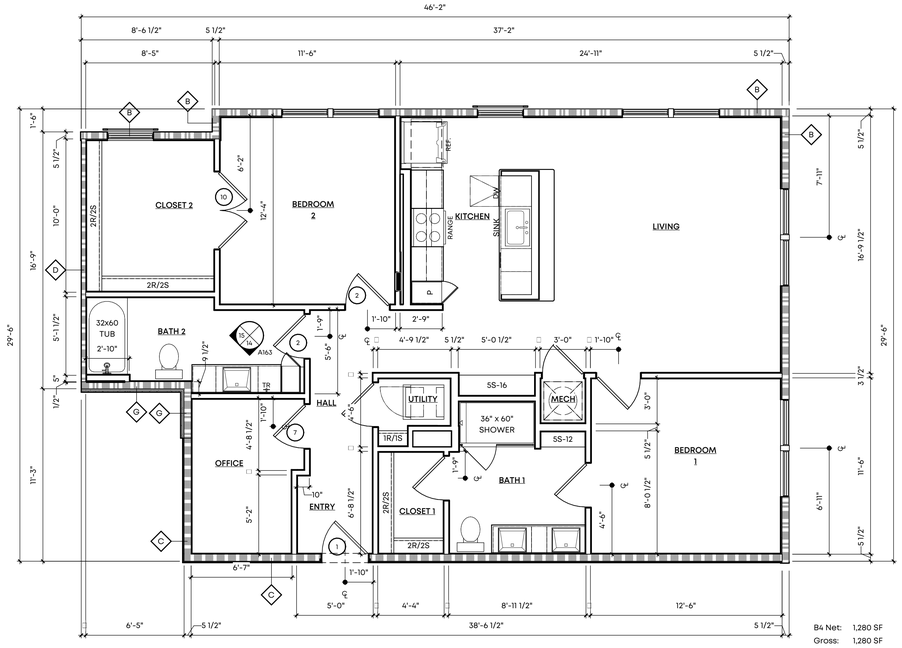
SCALE: 3/8" = 1'-0"

15 ELEVATION - BATH 2

SCALE: 3/8" = 1'-0"

26 UNIT B4 ACCESSIBILITY - TYPE B (OPT. B)

SCALE: 1/4" = 1'-0"



28 UNIT B4

SCALE: 1/4" = 1'-0"

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

UNITS B4

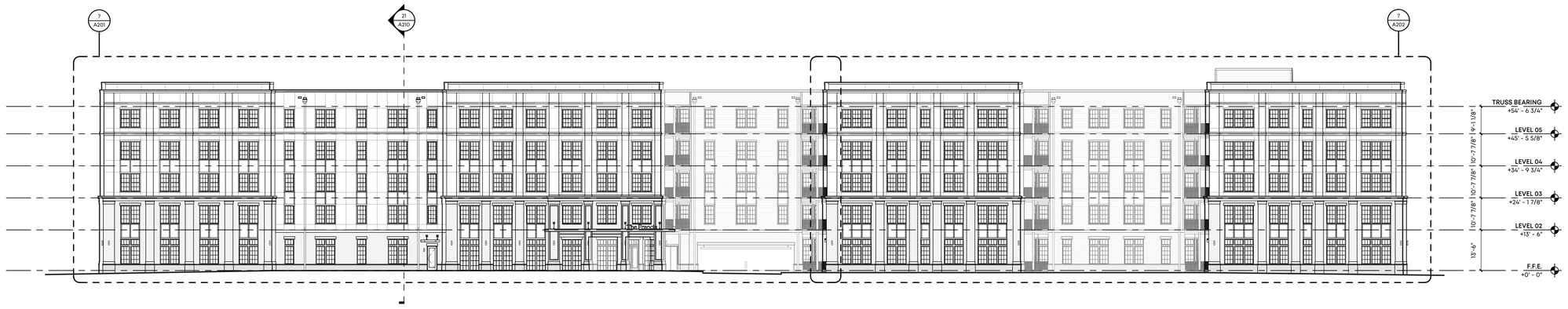
Drawn By: CBB

Checked By: HC

A163

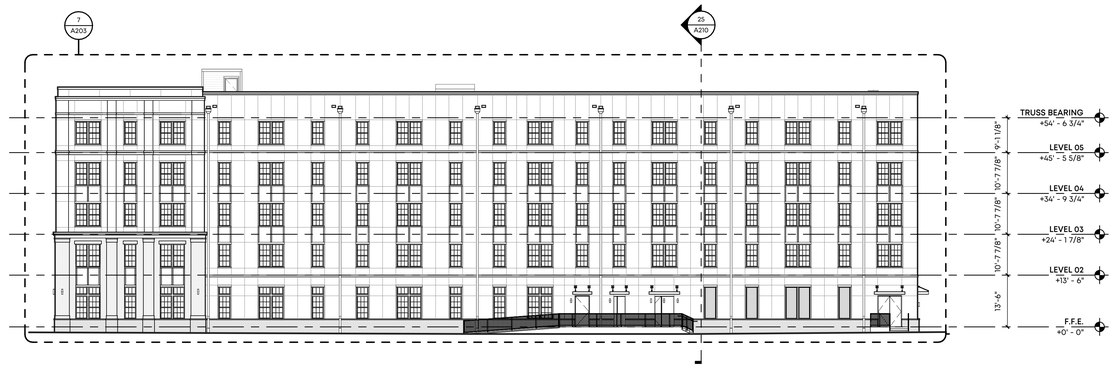
5/8/2025 5:14:57 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

THE FRANCIS - 02.22025.00



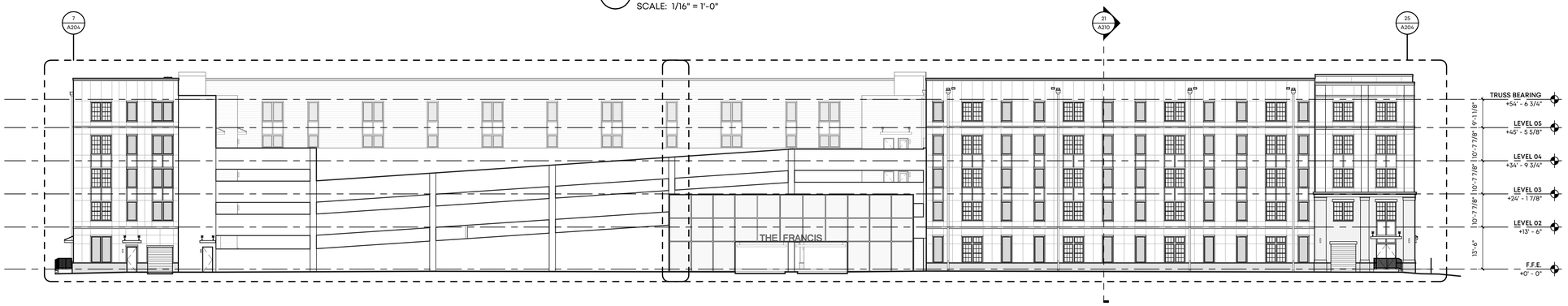
7 ELMWOOD PARK ELEVATION

SCALE: 1/16" = 1'-0"



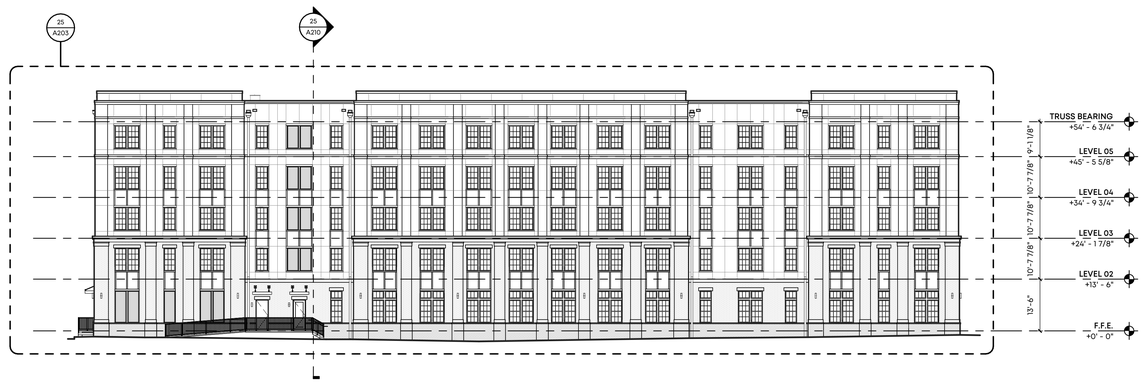
15 SERVICE ROAD

SCALE: 1/16" = 1'-0"



19 ALLEY

SCALE: 1/16" = 1'-0"



27 ELMWOOD WEST DRIVE

SCALE: 1/16" = 1'-0"

5/8/2025 5:15:13 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

OVERALL ELEVATIONS

Drawn By: KMS, AW

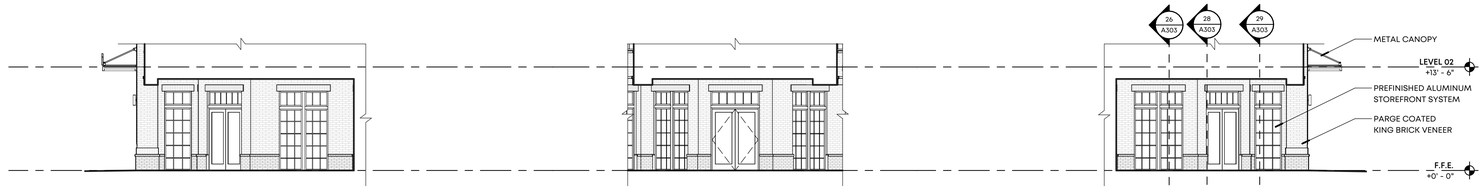
Checked By: HC

A200

THE FRANCIS - 02.22025.00

7 ENLARGED ELEVATION - ELMWOOD PARK

SCALE: 1/8" = 1'-0"



14 ENLARGED HIDDEN ELEVATION - ENTRY

SCALE: 1/8" = 1'-0"

15 ENLARGED HIDDEN ELEVATION - ENTRY

SCALE: 1/8" = 1'-0"

17 ENLARGED HIDDEN ELEVATION - ENTRY

SCALE: 1/8" = 1'-0"

25 ENLARGED HIDDEN ELEVATION - MOTORCOURT

SCALE: 1/8" = 1'-0"

27 HIDDEN ELEVATION

SCALE: 1/8" = 1'-0"

28 HIDDEN ELEVATION

SCALE: 1/8" = 1'-0"

29 ENLARGED HIDDEN ELEVATION - MOTORCOURT

SCALE: 1/8" = 1'-0"

5/8/2025 5:15:24 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
0	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

PARTIAL ELEVATIONS

Drawn By: KMS, AW

Checked By: HC

A201

THE FRANCIS - 02.22025.00

7 ENLARGED ELEVATION - ELMWOOD PARK

SCALE: 1/8" = 1'-0"

25 ENLARGED HIDDEN ELEVATION - FINGER COURTYARD

SCALE: 1/8" = 1'-0"

27 HIDDEN ELEVATION

SCALE: 1/8" = 1'-0"

28 HIDDEN ELEVATION

SCALE: 1/8" = 1'-0"

29 ENLARGED HIDDEN ELEVATION - FINGER COURTYARD

SCALE: 1/8" = 1'-0"

5/8/2025 5:15:32 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

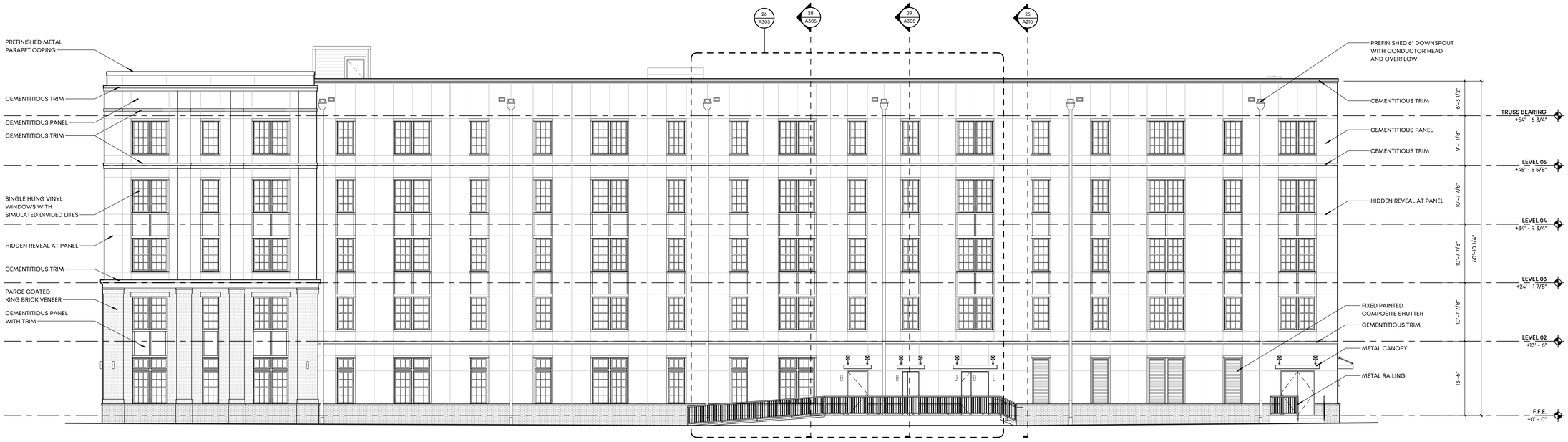
Drawing Name:

PARTIAL ELEVATIONS

Drawn By: KMS, AW

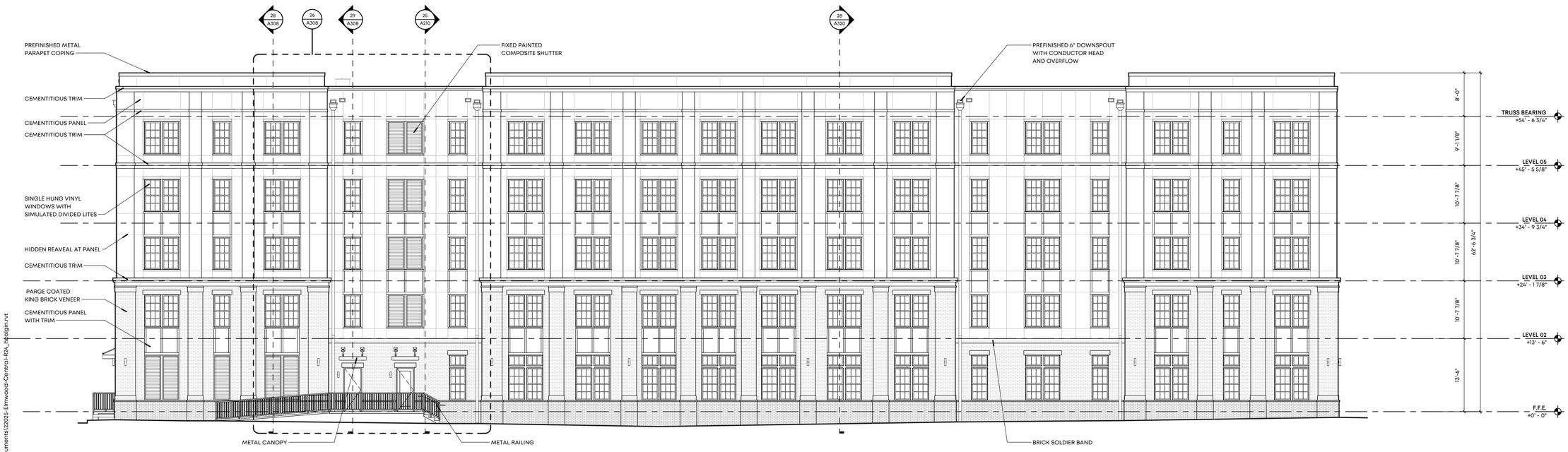
Checked By: HC

A202



7 ENLARGED ELEVATION - SERVICE ROAD

SCALE: 1/8" = 1'-0"



25 ENLARGED ELEVATION - ELMWOOD WEST

SCALE: 1/8" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

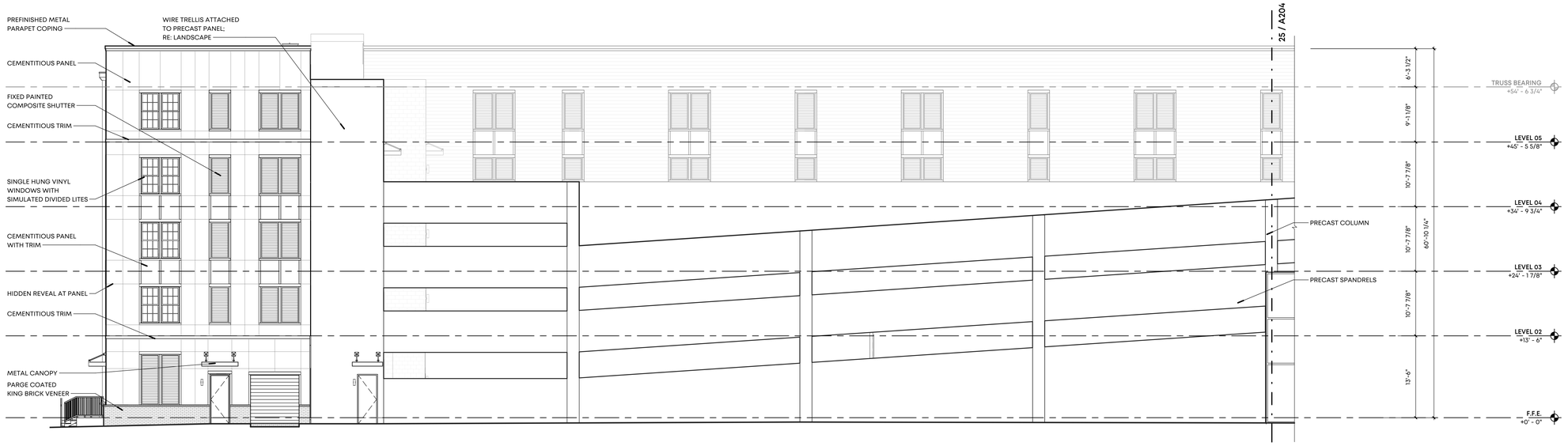
PARTIAL ELEVATIONS

Drawn By: KMS, AW

Checked By: HC

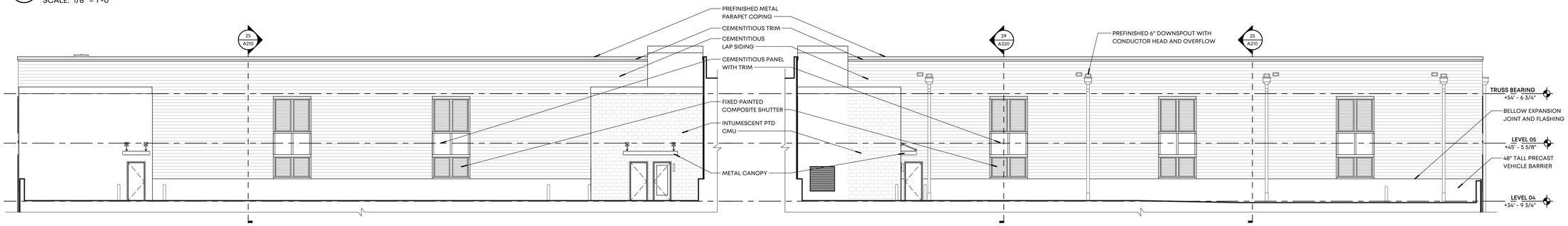
A203

THE FRANCIS - 02.22025.00



7 ENLARGED ELEVATION - ALLEY

SCALE: 1/8" = 1'-0"

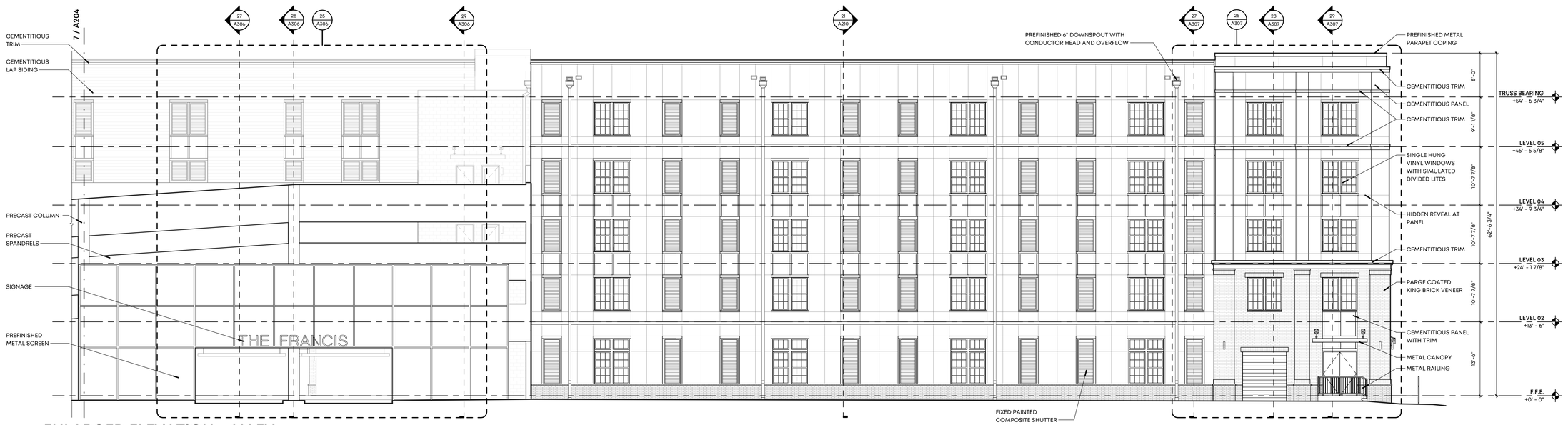


13 ENLARGED HIDDEN ELEVATION - GARAGE

SCALE: 1/8" = 1'-0"

16 ENLARGED HIDDEN ELEVATION - GARAGE

SCALE: 1/8" = 1'-0"



25 ENLARGED ELEVATION - ALLEY

SCALE: 1/8" = 1'-0"

C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt
5/8/2025 5:15:47 PM

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
05.22.24	Design Development Progress
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

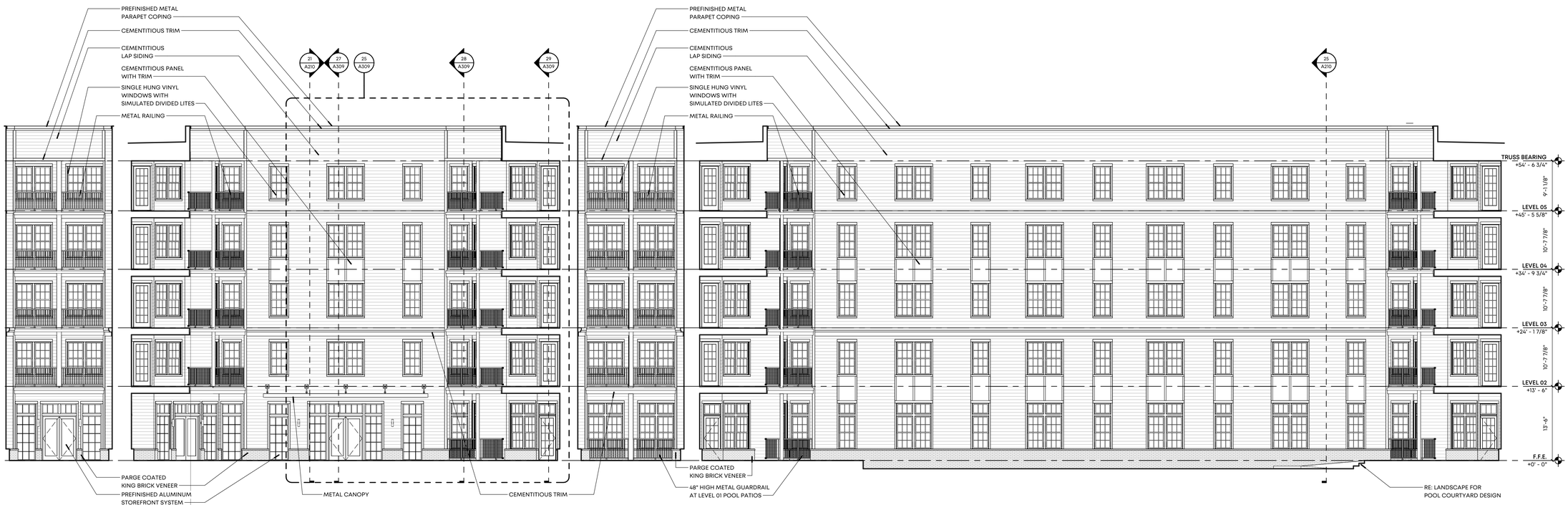
Drawing Name:

PARTIAL ELEVATIONS

Drawn By: KMS, AW

Checked By: HC

A204

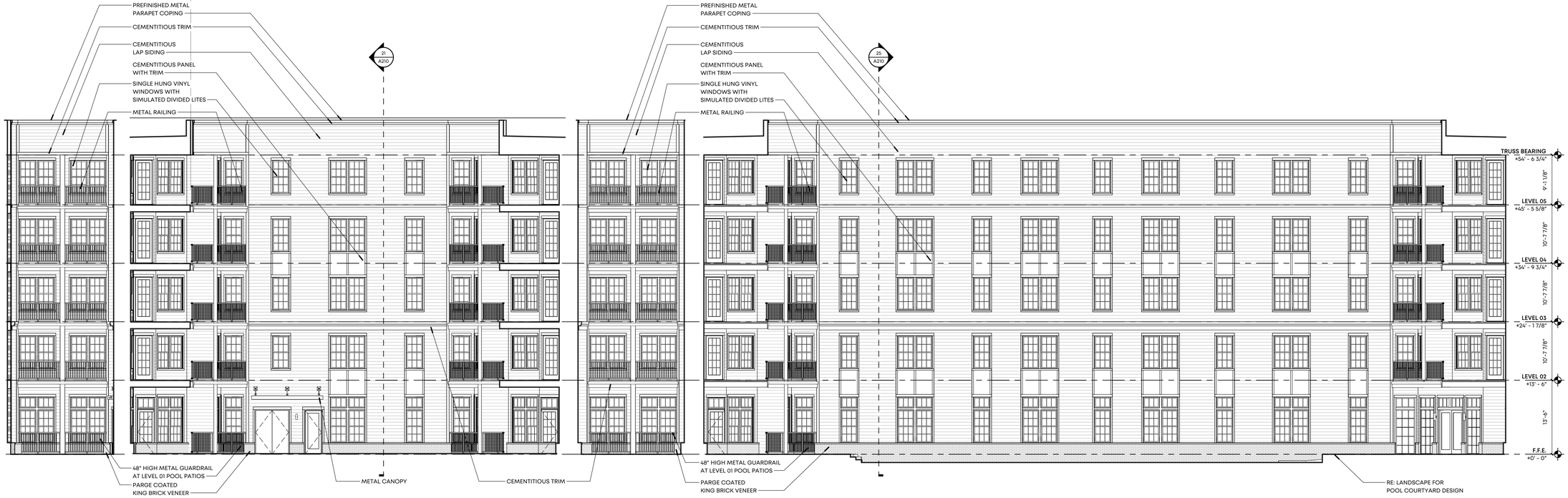


7 HIDDEN ELEVATION
SCALE: 1/8" = 1'-0"

8 ENLARGED ELEVATION - POOL COURT
SCALE: 1/8" = 1'-0"

9 HIDDEN ELEVATION
SCALE: 1/8" = 1'-0"

10 ENLARGED ELEVATION - POOL COURT
SCALE: 1/8" = 1'-0"



25 HIDDEN ELEVATION
SCALE: 1/8" = 1'-0"

26 ENLARGED ELEVATION - POOL COURT
SCALE: 1/8" = 1'-0"

27 HIDDEN ELEVATION
SCALE: 1/8" = 1'-0"

28 ENLARGED ELEVATION - POOL COURT
SCALE: 1/8" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

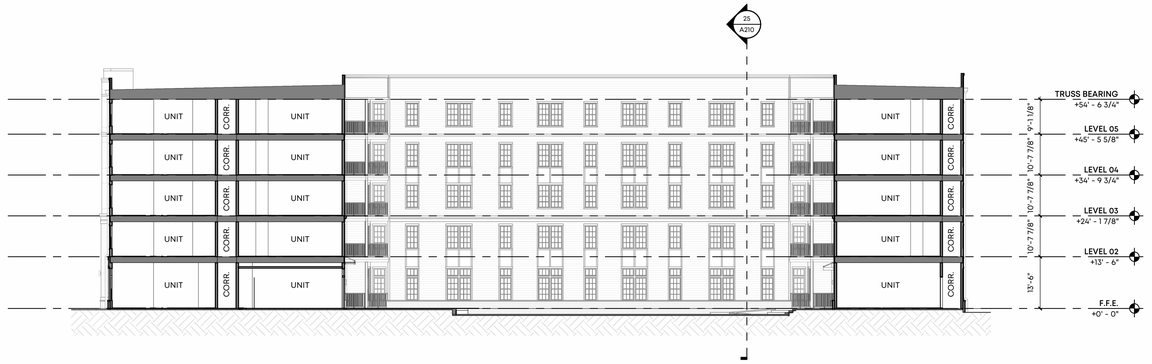
Drawing Name:

PARTIAL ELEVATIONS

Drawn By: KMS, AW

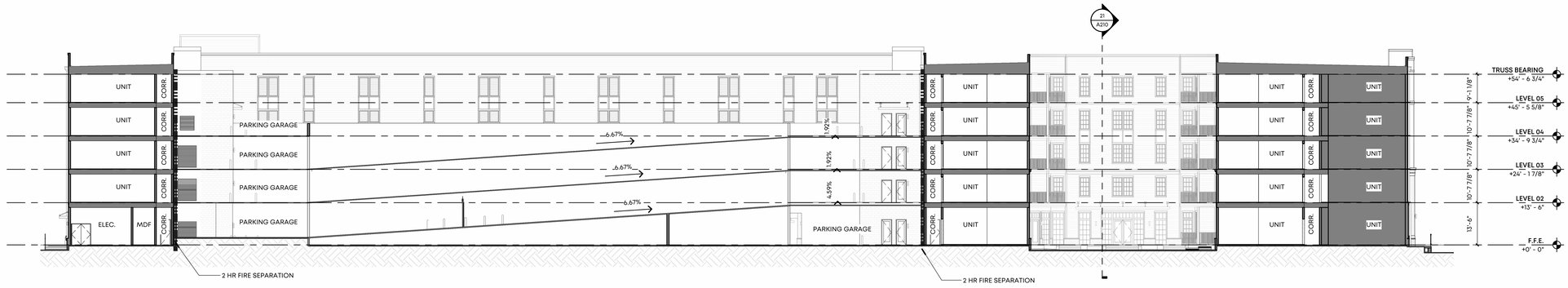
Checked By: HC

A205



21 BUILDING SECTION

SCALE: 1/16" = 1'-0"



25 BUILDING SECTION

SCALE: 1/16" = 1'-0"

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

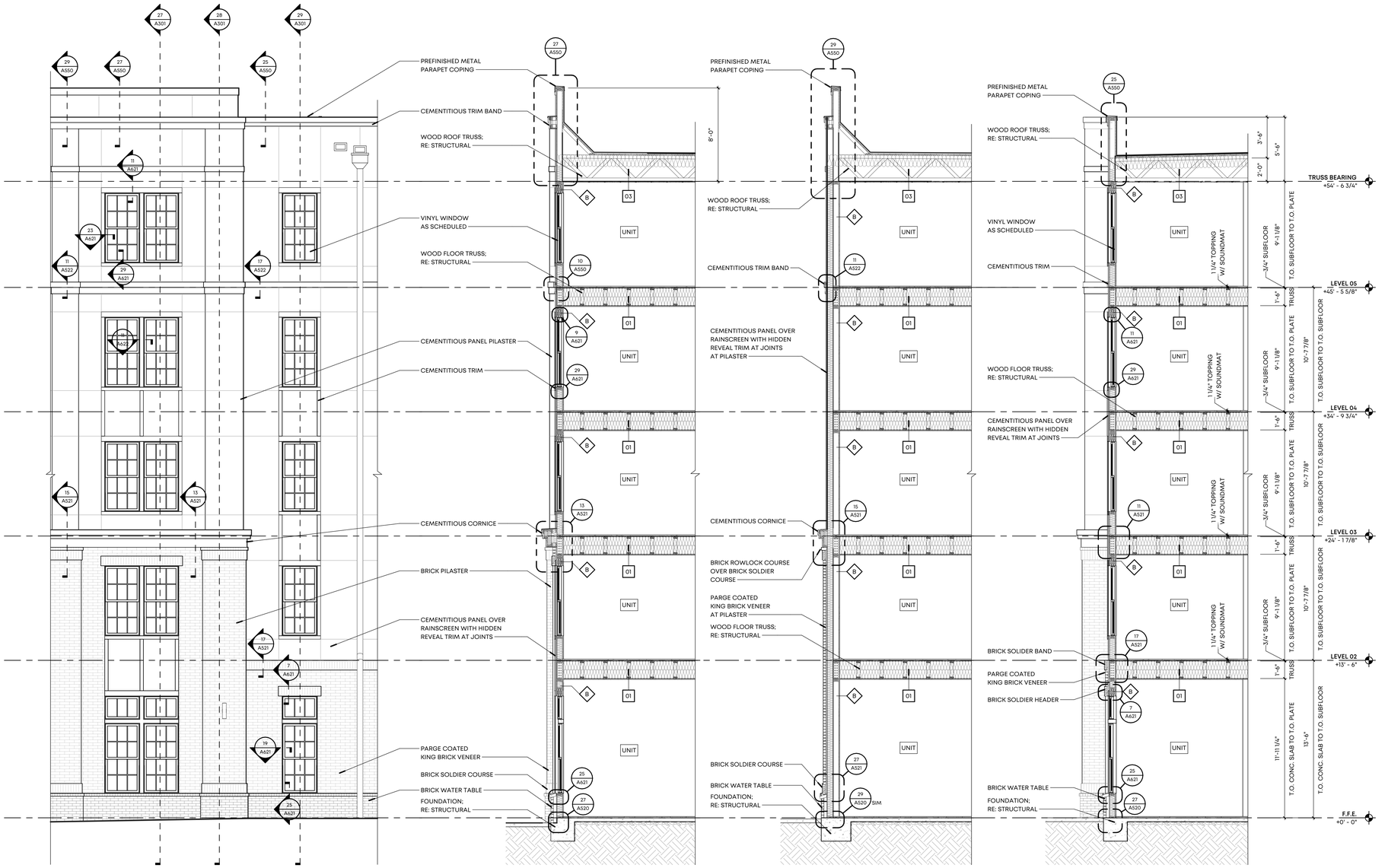
Drawing Name:

BUILDING SECTIONS

Drawn By: KMS

Checked By: HC

A210



26 ENLARGED ELEVATION
SCALE: 1/4" = 1'-0"

27 WALL SECTION
SCALE: 1/4" = 1'-0"

28 WALL SECTION
SCALE: 1/4" = 1'-0"

29 WALL SECTION
SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

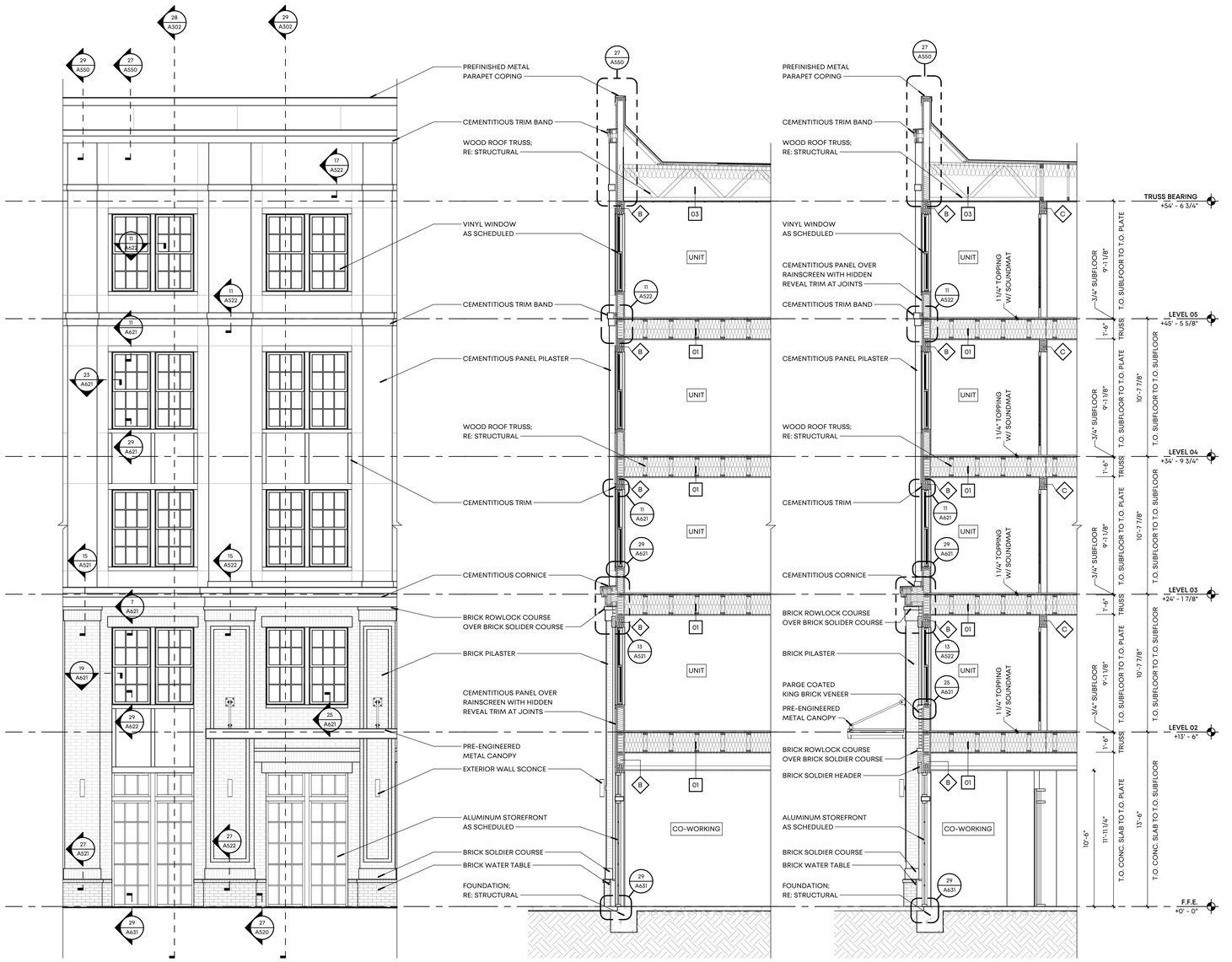
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

Checked By: HC

A301



27 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"

28 WALL SECTION

SCALE: 1/4" = 1'-0"

29 WALL SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

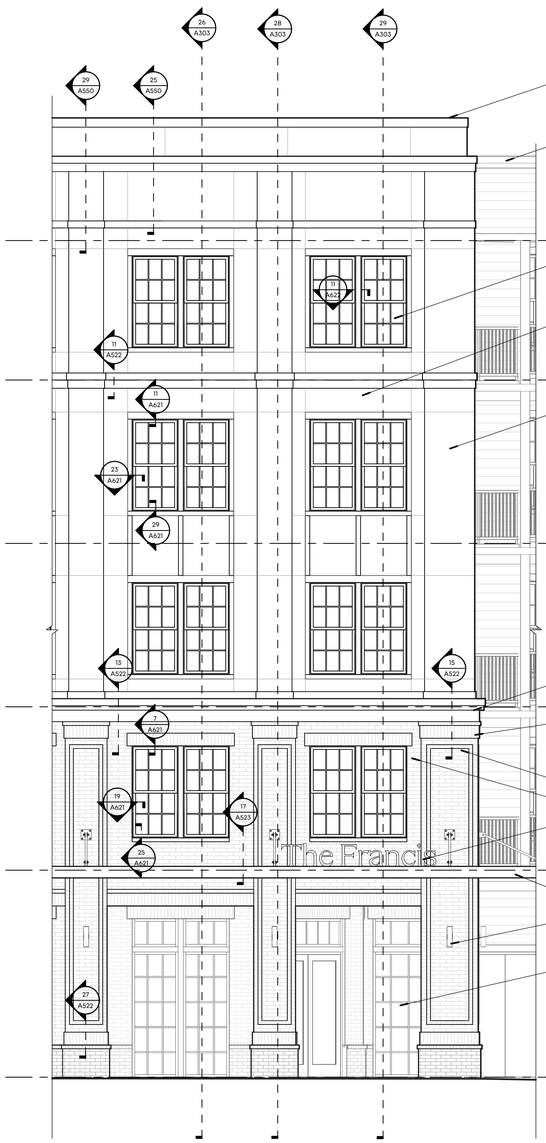
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: AW

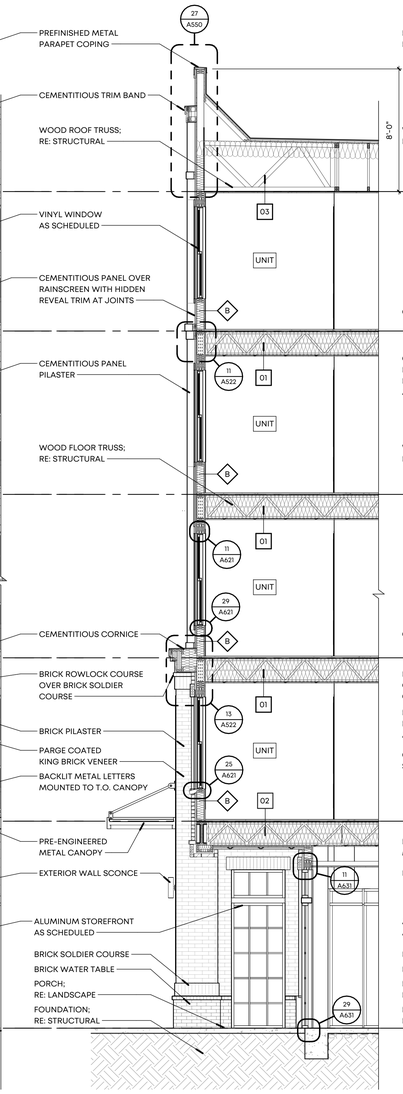
Checked By: HC

A302



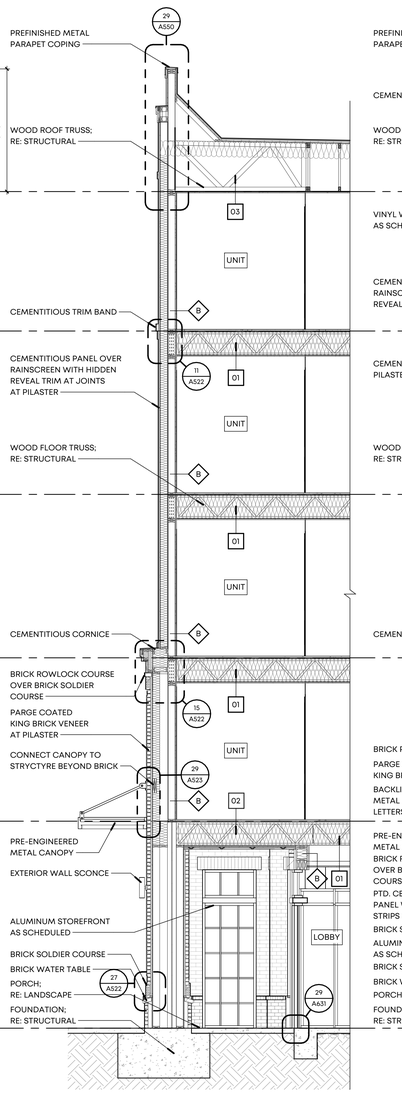
25 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"



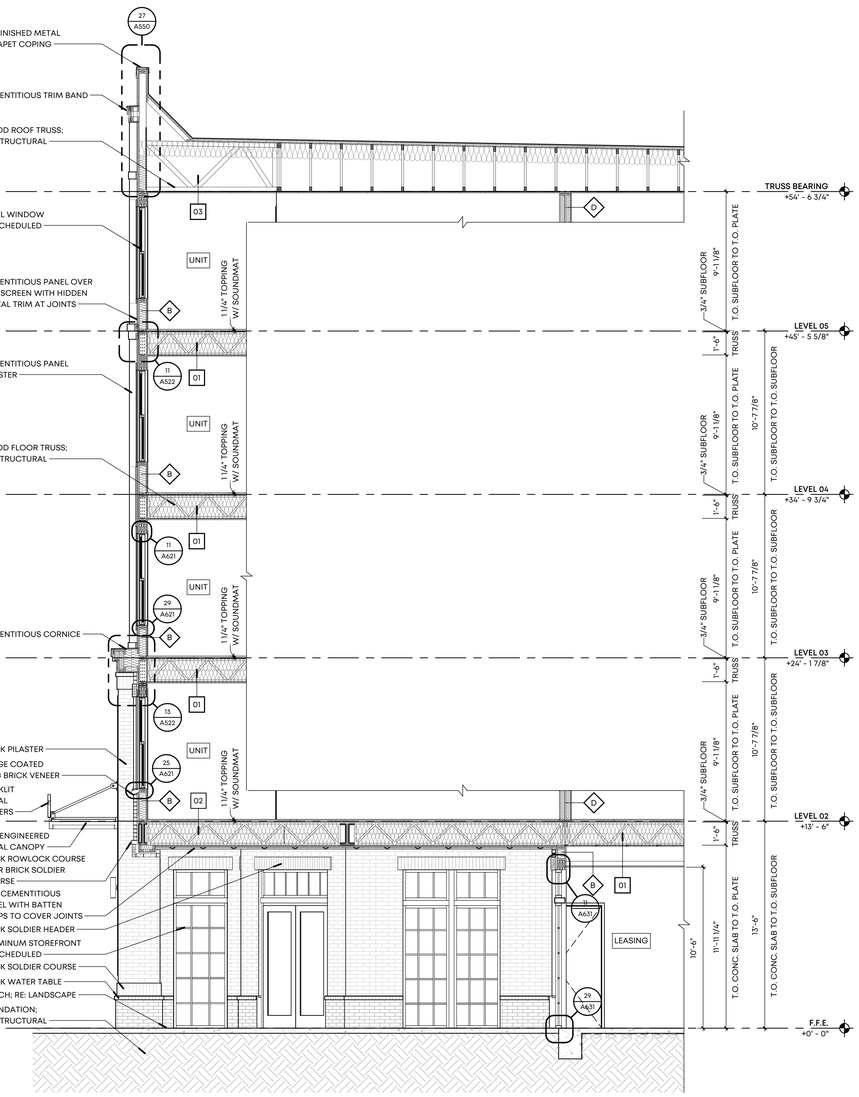
26 WALL SECTION

SCALE: 1/4" = 1'-0"



28 WALL SECTION

SCALE: 1/4" = 1'-0"



29 WALL SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

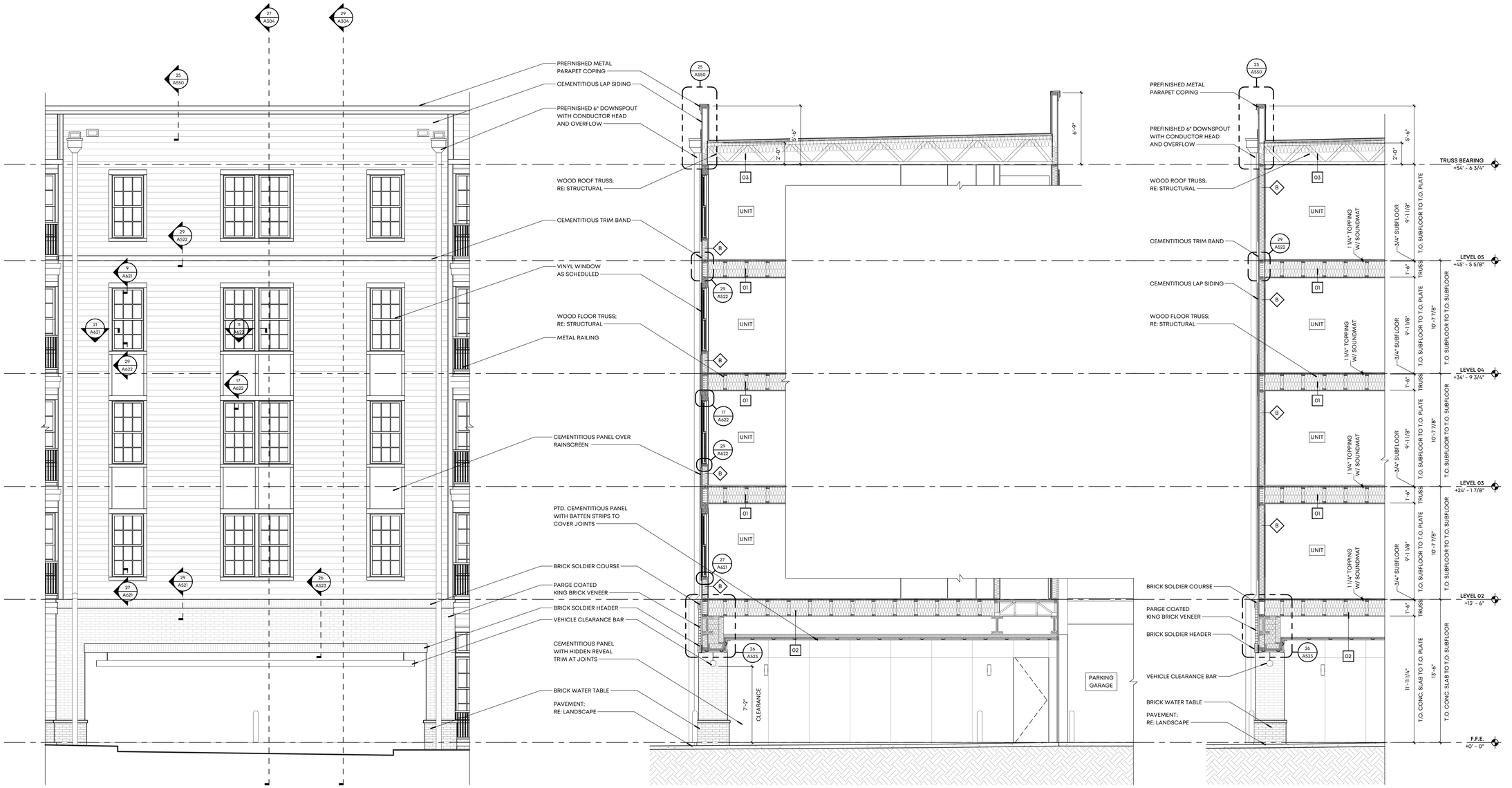
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

Checked By: HC

A303



25 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"

27 WALL SECTION

SCALE: 1/4" = 1'-0"

29 WALL SECTION

SCALE: 1/4" = 1'-0"

5/8/2025 5:16:26 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
05.22.24	Design Development Progress
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

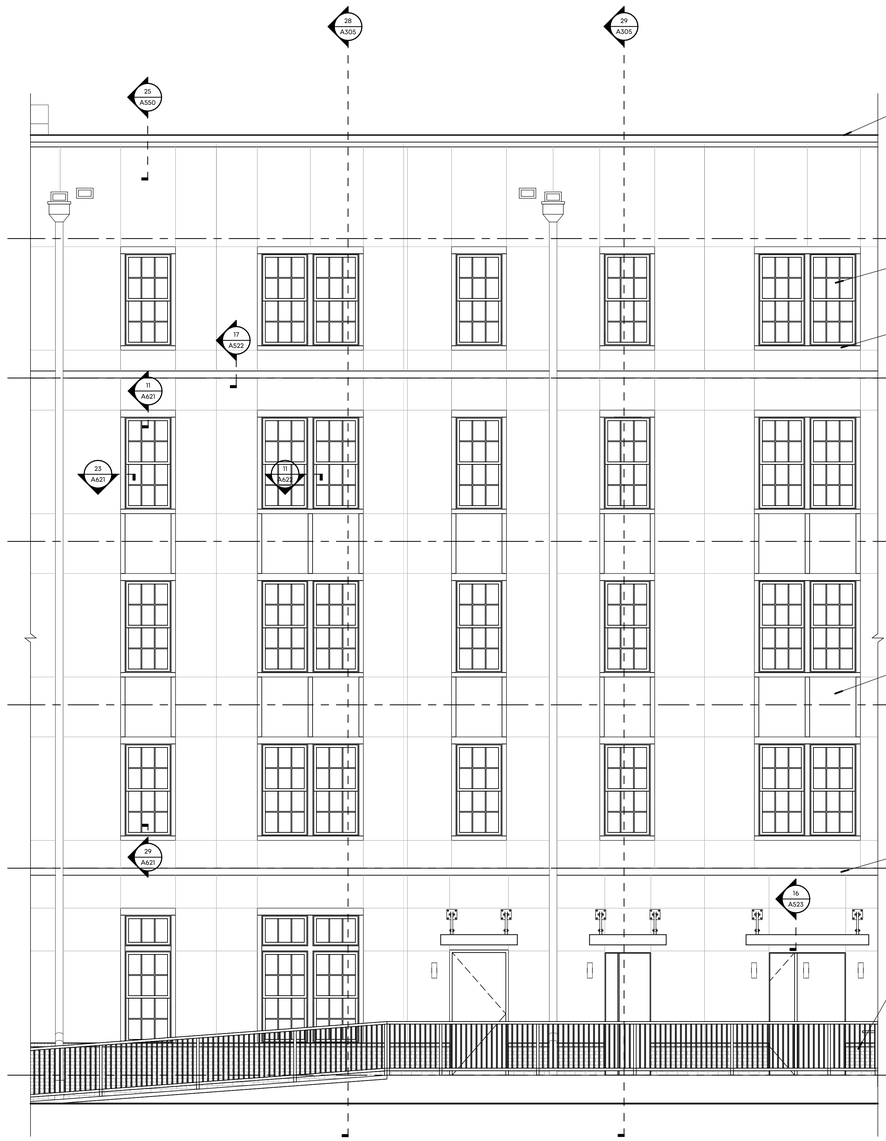
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

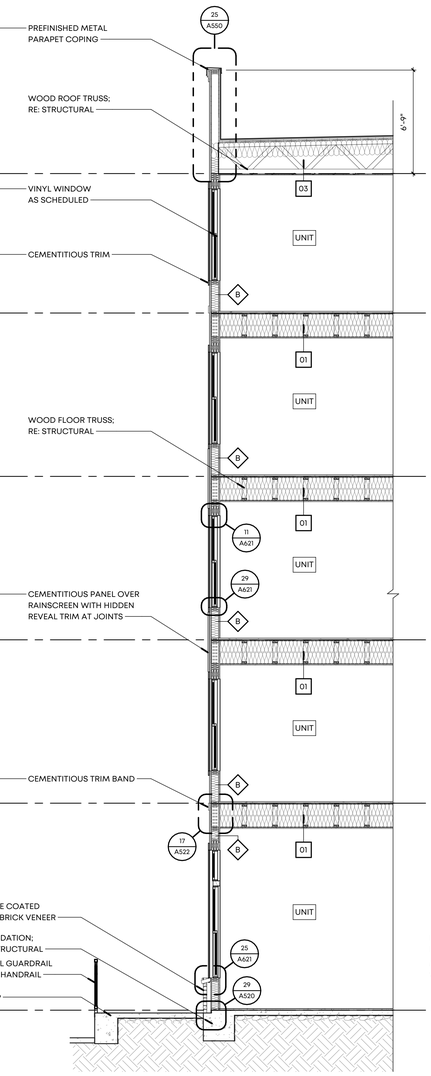
Checked By: HC

A304



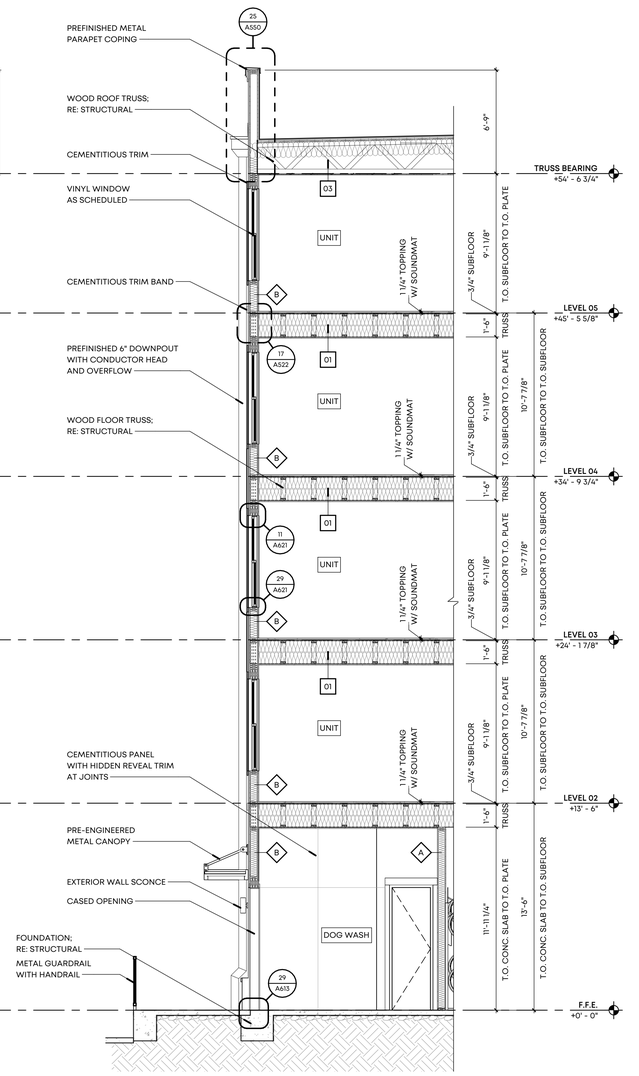
26 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"



28 WALL SECTION

SCALE: 1/4" = 1'-0"



29 WALL SECTION

SCALE: 1/4" = 1'-0"

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

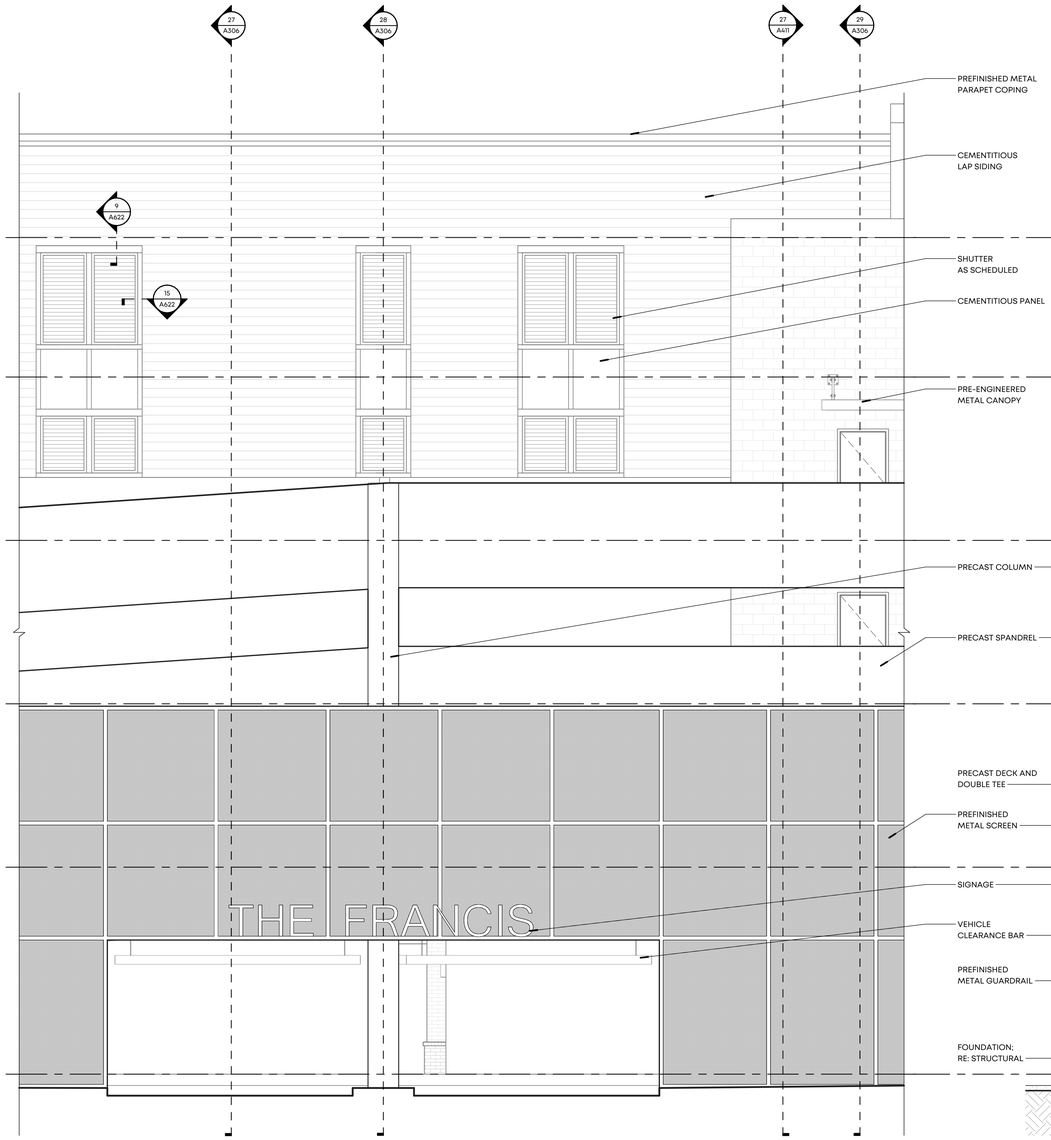
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

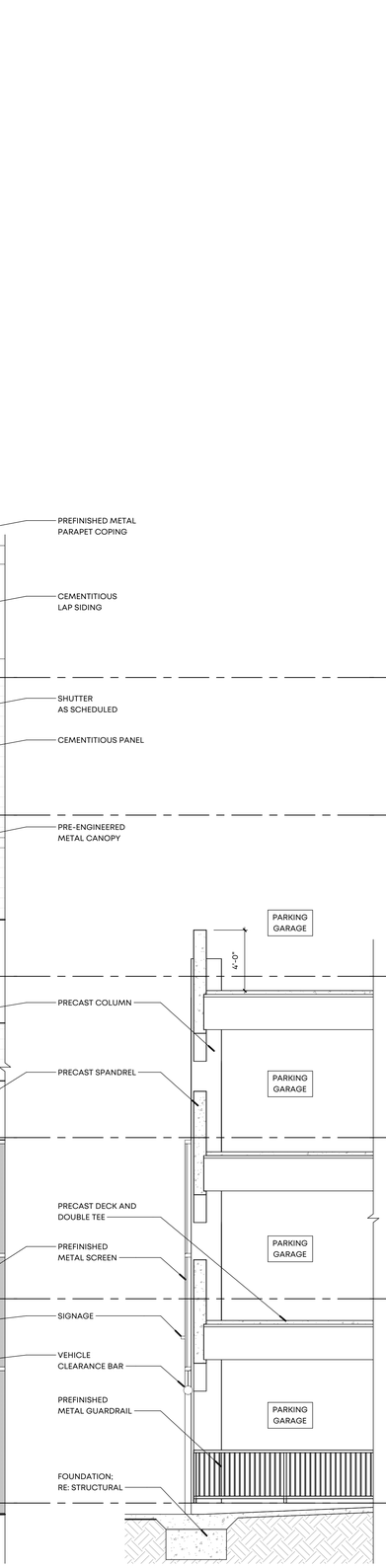
Checked By: HC

A305



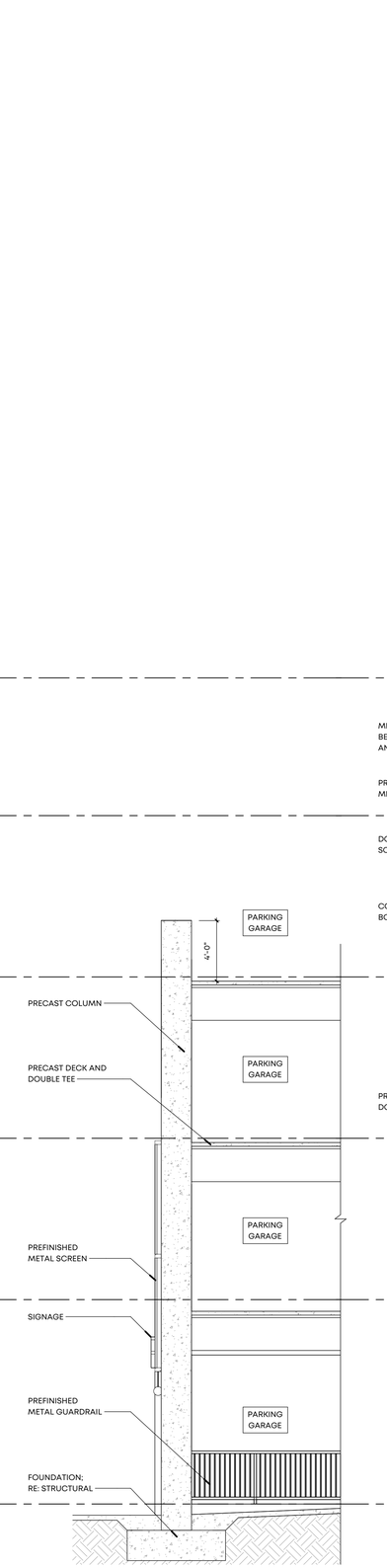
25 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"



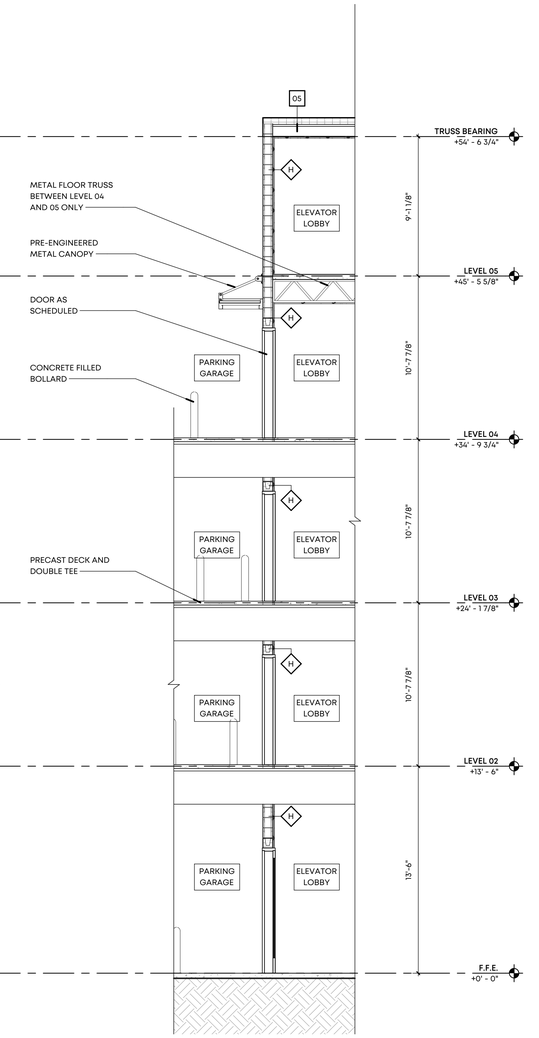
27 WALL SECTION

SCALE: 1/4" = 1'-0"



28 WALL SECTION

SCALE: 1/4" = 1'-0"



29 WALL SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

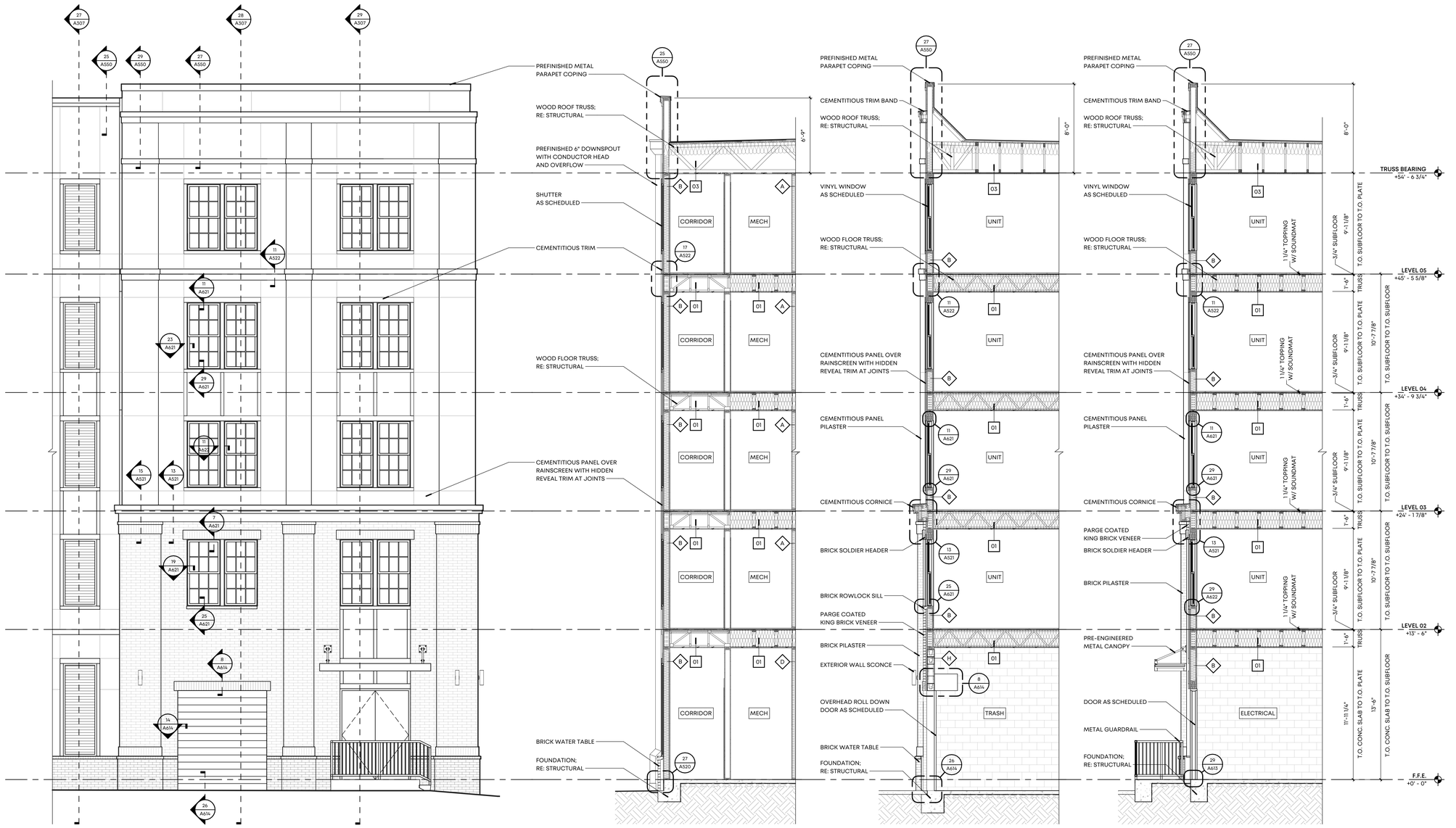
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

Checked By: HC

A306



25 ENLARGED ELEVATION
SCALE: 1/4" = 1'-0"

27 WALL SECTION
SCALE: 1/4" = 1'-0"

28 WALL SECTION
SCALE: 1/4" = 1'-0"

29 WALL SECTION
SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

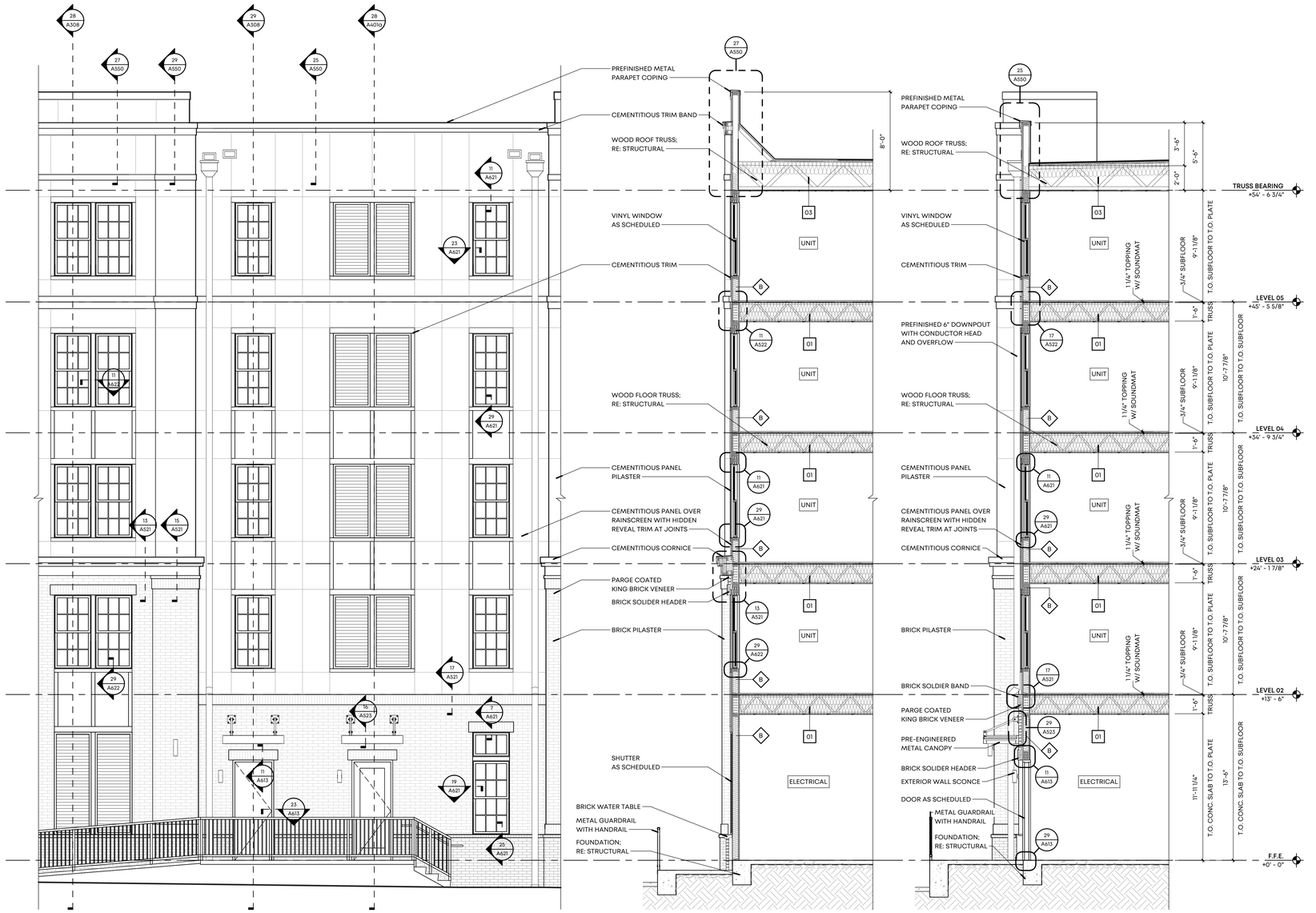
ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: AW

Checked By: HC

A307

5/8/2025 5:16:37 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



26 ENLARGED ELEVATION

SCALE: 1/4" = 1'-0"

28 WALL SECTION

SCALE: 1/4" = 1'-0"

29 WALL SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

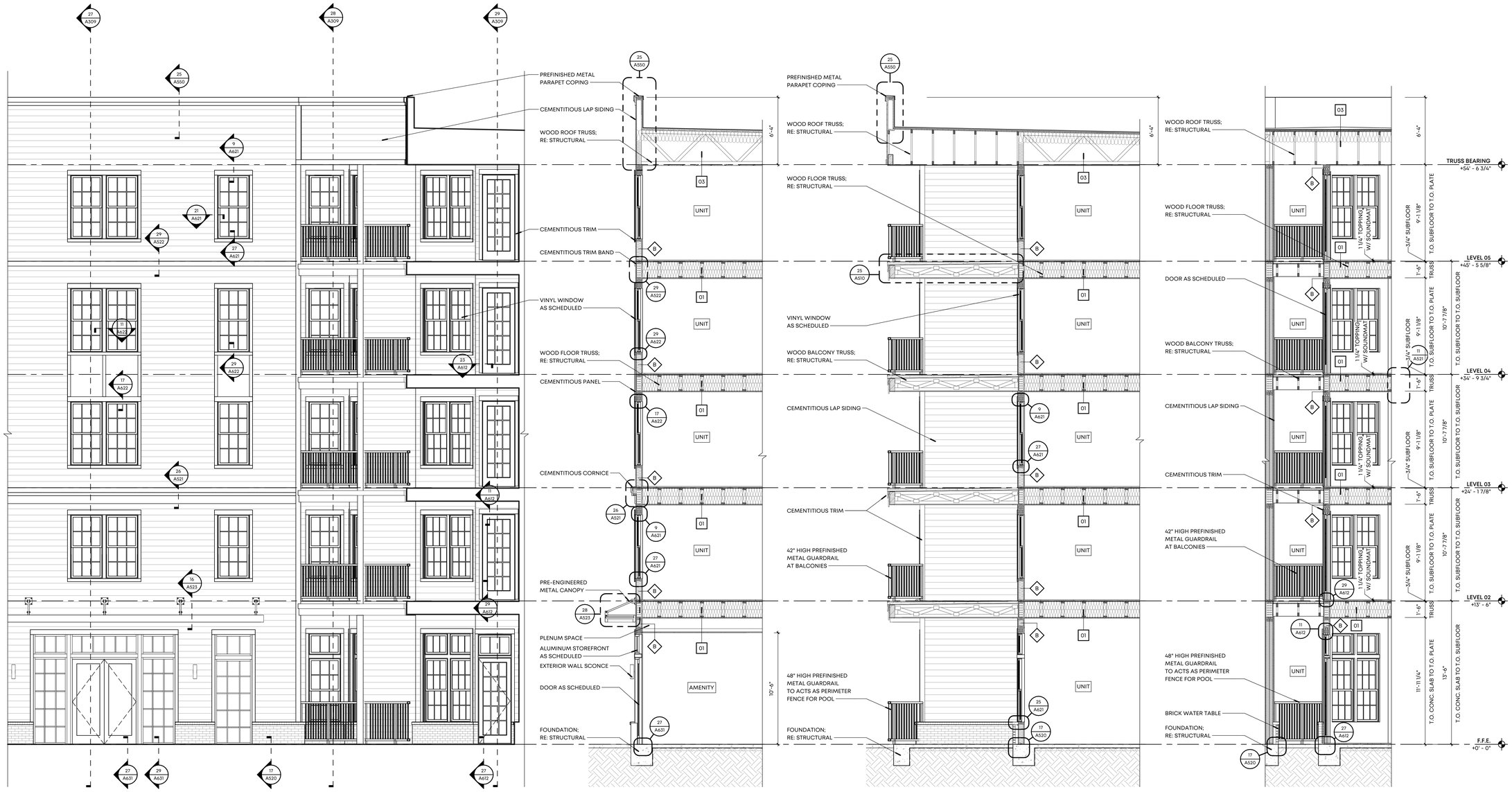
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: AW

Checked By: HC

A308



25 POOL COURTYARD - AMENITY

SCALE: 1/4" = 1'-0"

27 WALL SECTION

SCALE: 1/4" = 1'-0"

28 WALL SECTION

SCALE: 1/4" = 1'-0"

29 WALL SECTION

SCALE: 1/4" = 1'-0"

5/8/2025 5:16:45 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

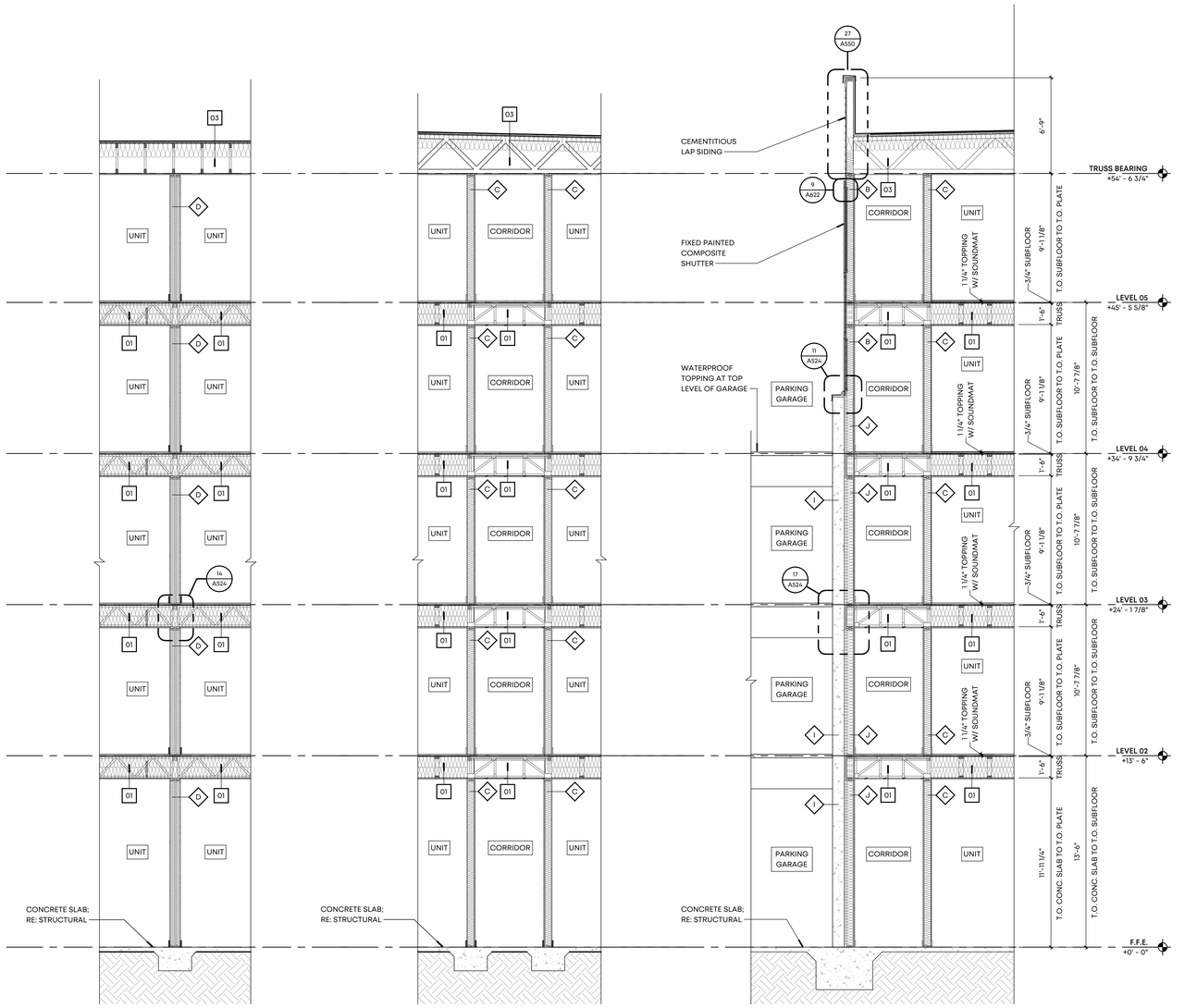
Drawing Name:

ENLARGED ELEVATIONS AND WALL SECTIONS

Drawn By: KMS, AW

Checked By: HC

A309



27 UNIT DEMISING
SCALE: 1/4" = 1'-0"

28 CORRIDOR
SCALE: 1/4" = 1'-0"

29 GARAGE TO CORRIDOR
SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

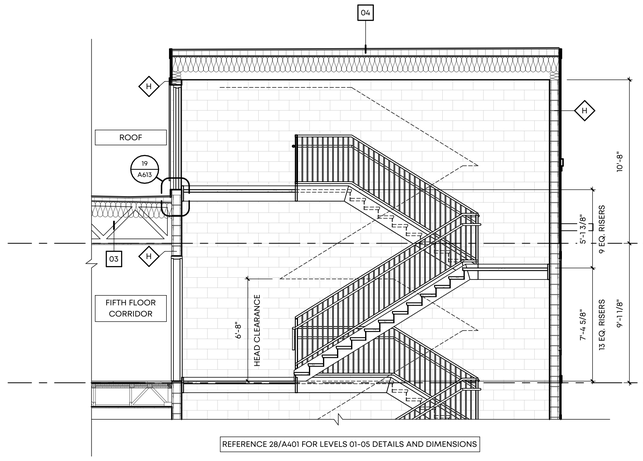
Drawing Name:

INTERIOR WALL SECTIONS

Drawn By: KMS, AW

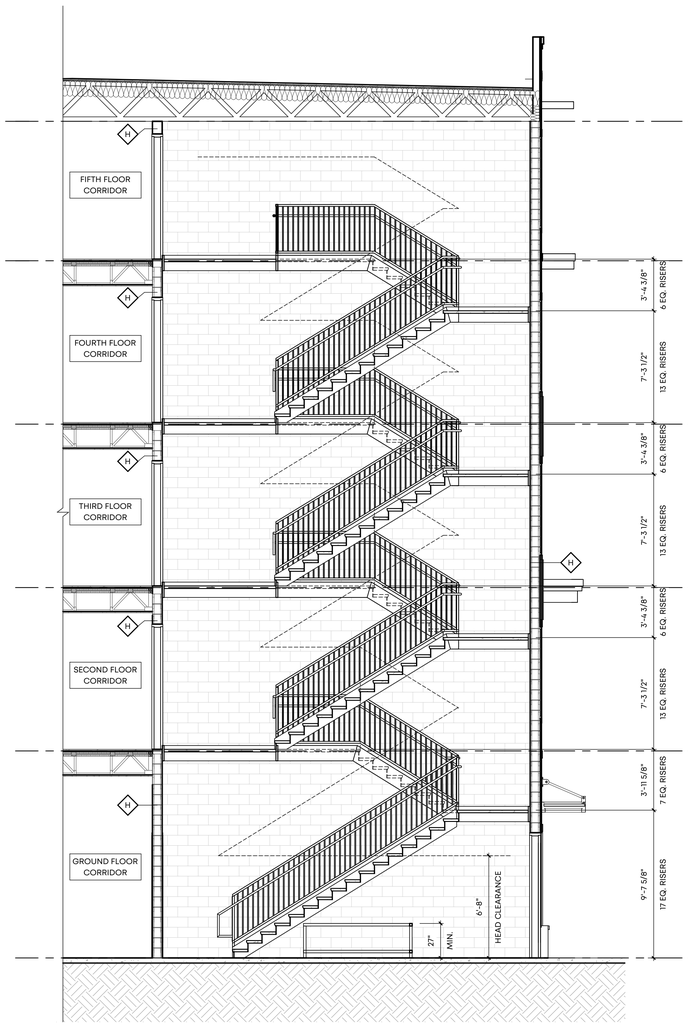
Checked By: HC

A320



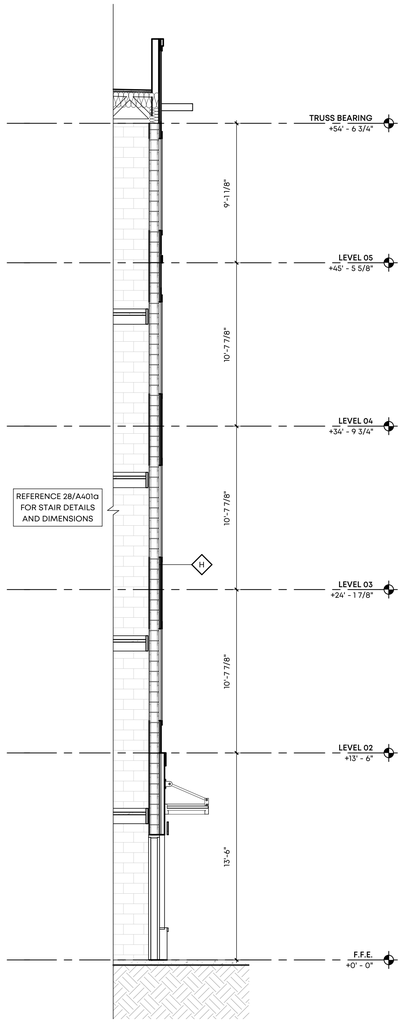
14 STAIR 4 SECTION

SCALE: 1/4" = 1'-0"



28 STAIR 2 & 3 SECTION

SCALE: 1/4" = 1'-0"



30 STAIR 1 - SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

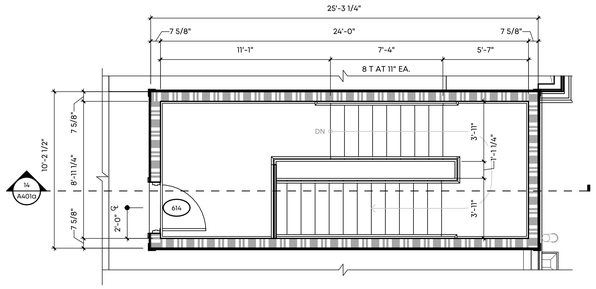
Drawing Name:

STAIR 1, 2, 3, & 4 SECTIONS AND DETAILS

Drawn By: KMS

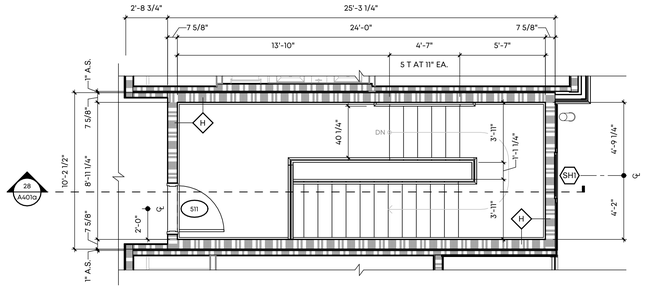
Checked By: HC

A401a



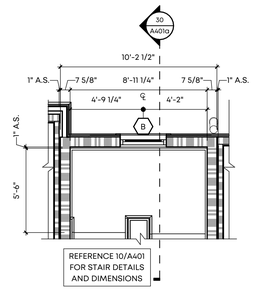
8 STAIR 4 - ROOF ACCESS

SCALE: 1/4" = 1'-0"



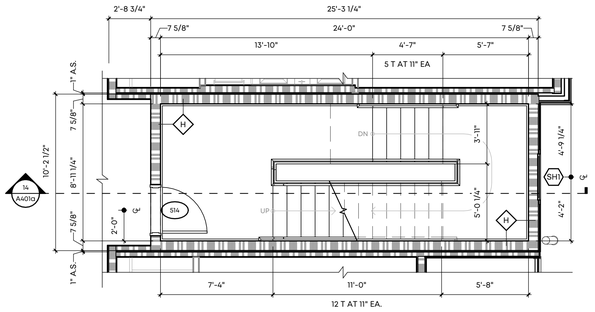
10 STAIR 2 & 3 - LEVEL 05

SCALE: 1/4" = 1'-0"



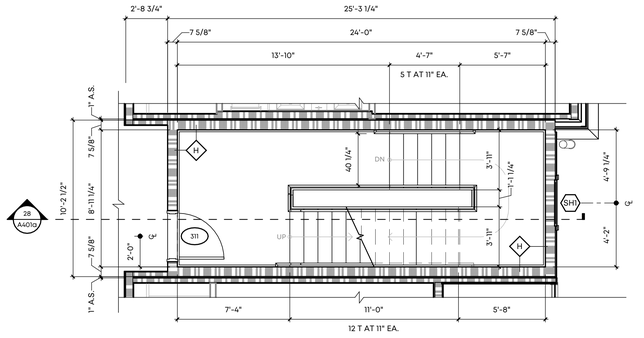
12 STAIR 1 - LEVEL 05

SCALE: 1/4" = 1'-0"



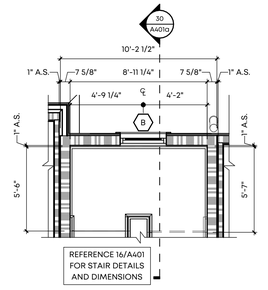
14 STAIR 4 - LEVEL 05

SCALE: 1/4" = 1'-0"



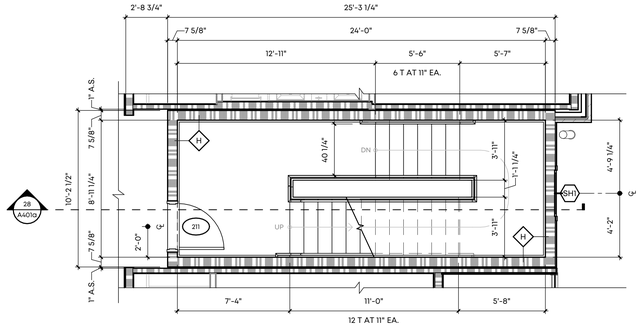
16 STAIR 2, 3, & 4 - LEVEL 03-04

SCALE: 1/4" = 1'-0"



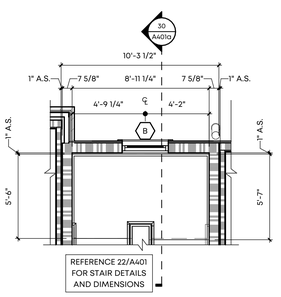
18 STAIR 1 - LEVEL 03-04

SCALE: 1/4" = 1'-0"



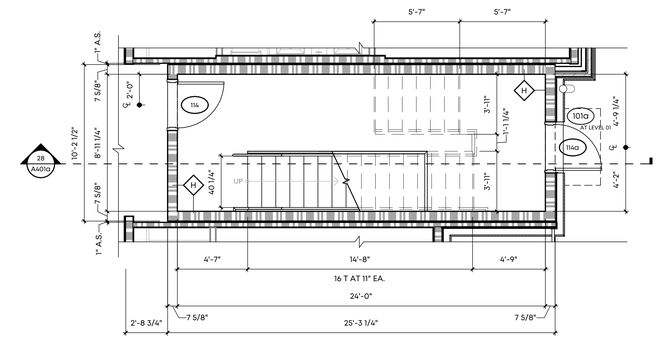
22 STAIR 2, 3, & 4 - LEVEL 02

SCALE: 1/4" = 1'-0"



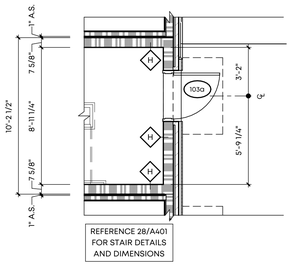
24 STAIR 1 - LEVEL 02

SCALE: 1/4" = 1'-0"



28 STAIR 1, 3, & 4 - LEVEL 01

SCALE: 1/4" = 1'-0"



30 STAIR 2 - LEVEL 01

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

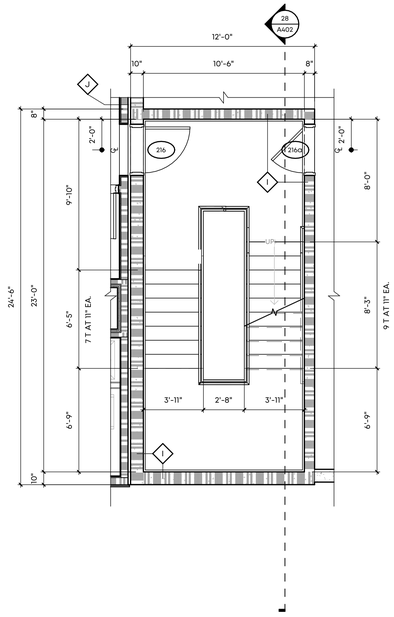
Drawing Name:

STAIR 1, 2, 3, & 4 PLANS

Drawn By: KMS, AW

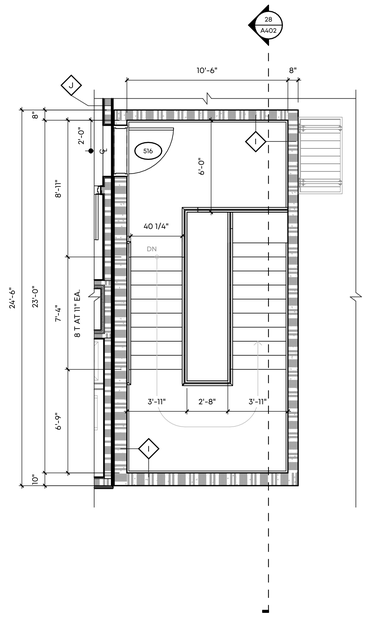
Checked By: HC

A401



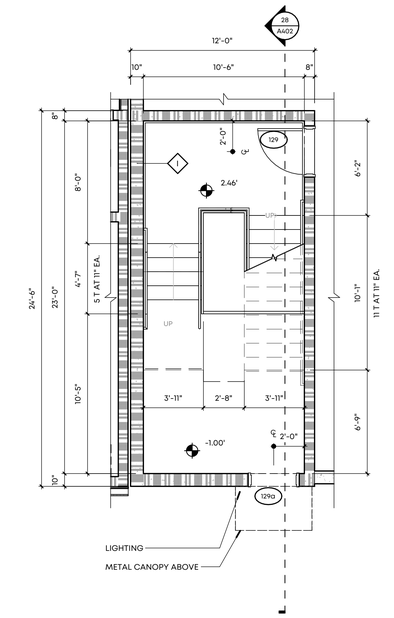
13 STAIR 5 - LEVEL 02

SCALE: 1/4" = 1'-0"



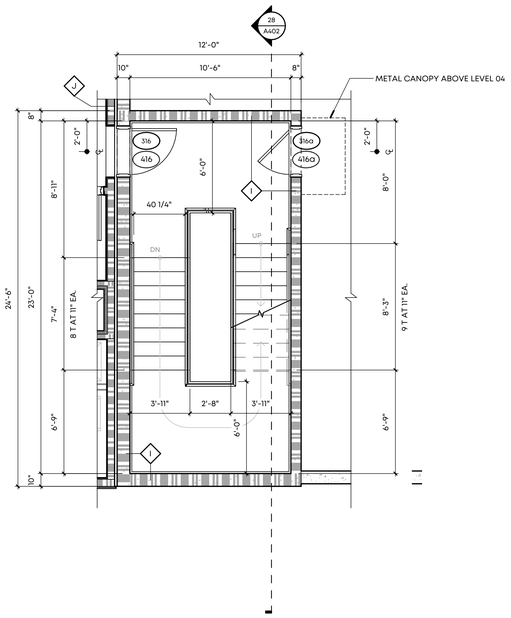
14 STAIR 5 - LEVEL 05

SCALE: 1/4" = 1'-0"



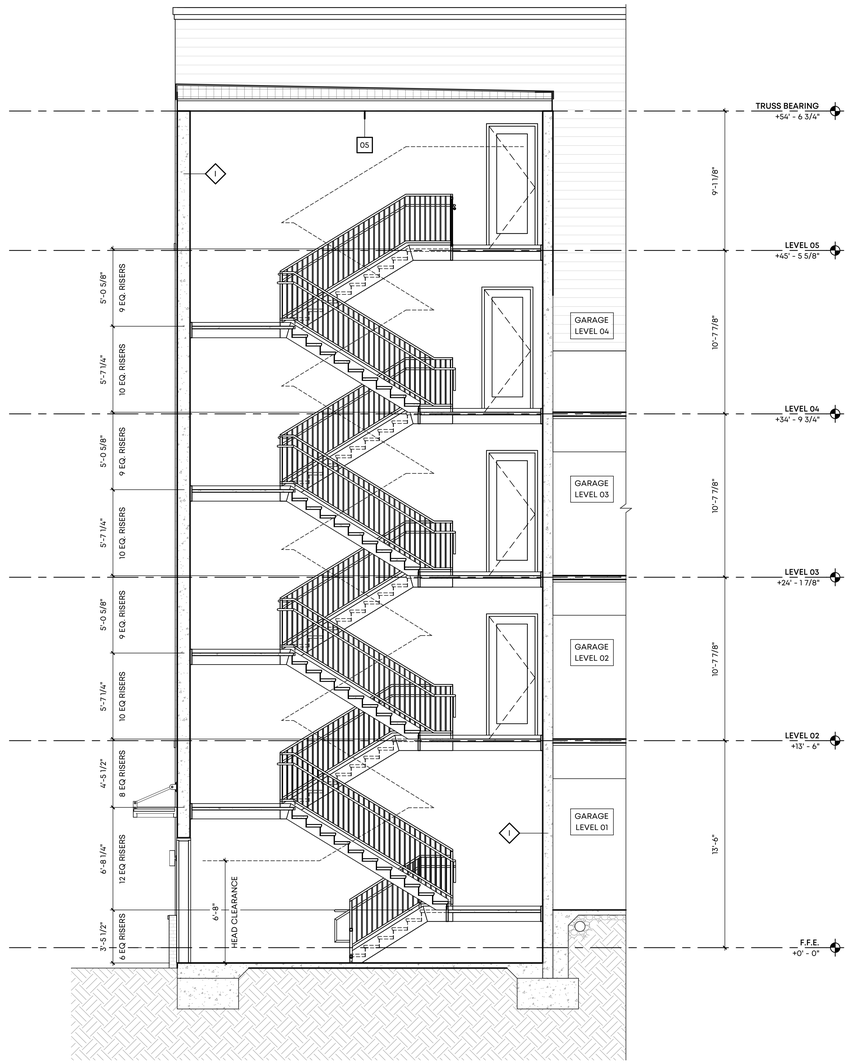
25 STAIR 5 - LEVEL 01

SCALE: 1/4" = 1'-0"



26 STAIR B - LEVEL 03-04

SCALE: 1/4" = 1'-0"



28 STAIR 5 - SECTION

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

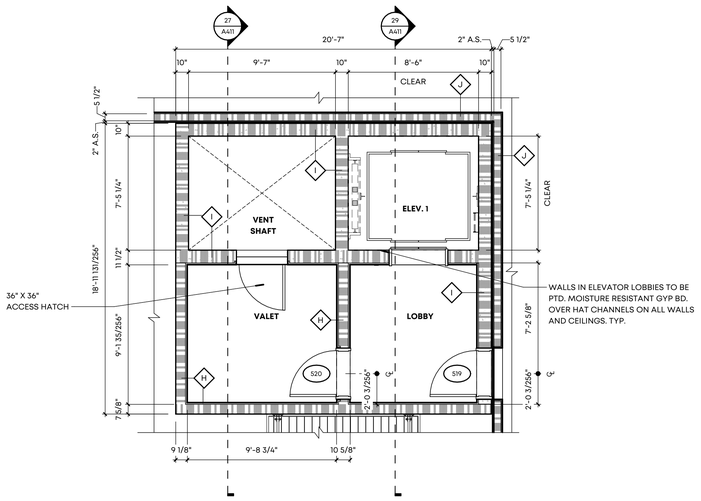
STAIR 5 PLANS, SECTIONS AND DETAILS

Drawn By: KMS

Checked By: HC

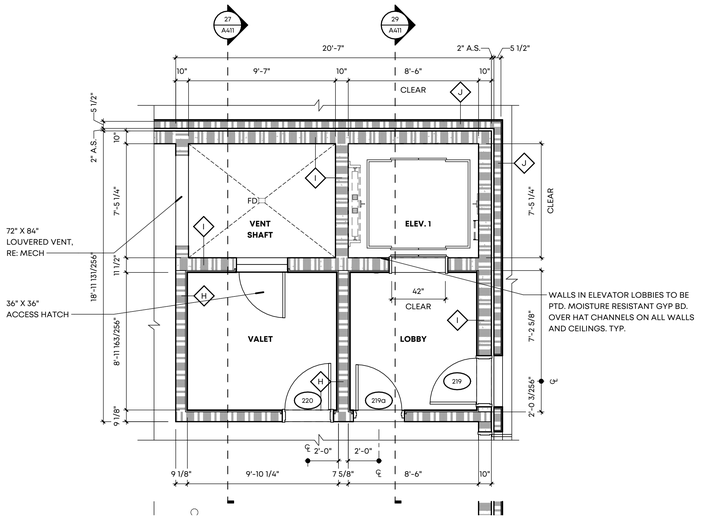
A402

THE FRANCIS - 02.22025.00



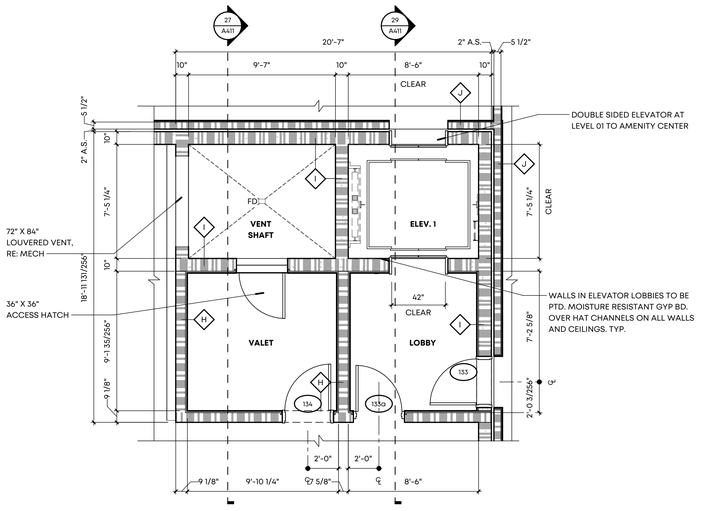
7 ELEVATOR 01 LOBBY - LEVEL 05

SCALE: 1/4" = 1'-0"



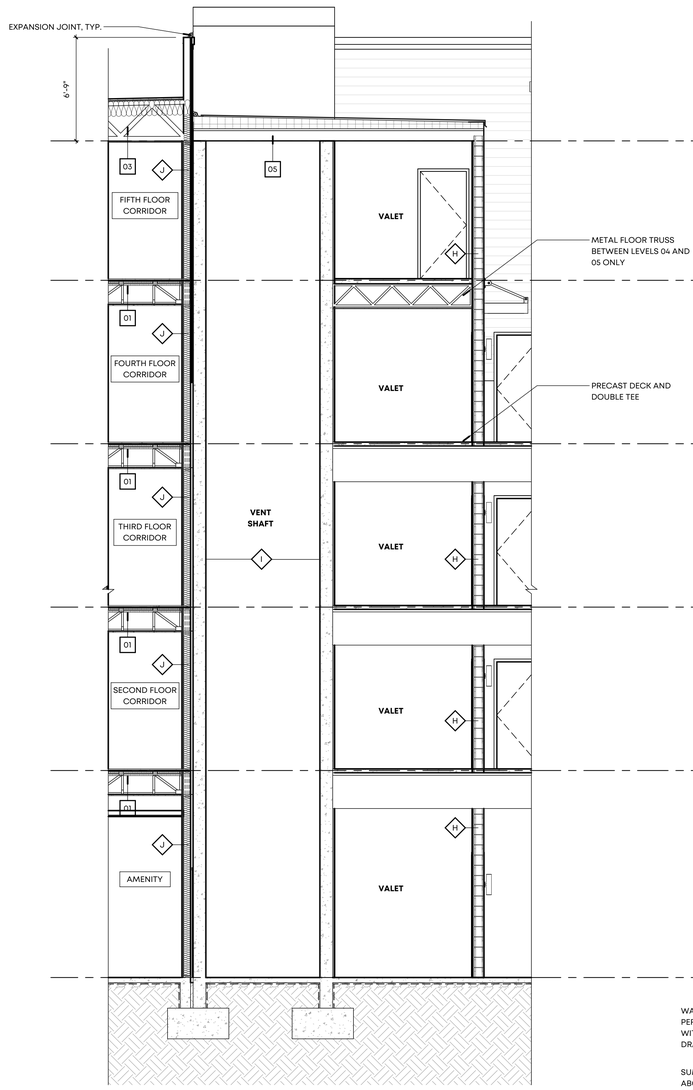
19 ELEVATOR 01 LOBBY - LEVEL 02-04

SCALE: 1/4" = 1'-0"



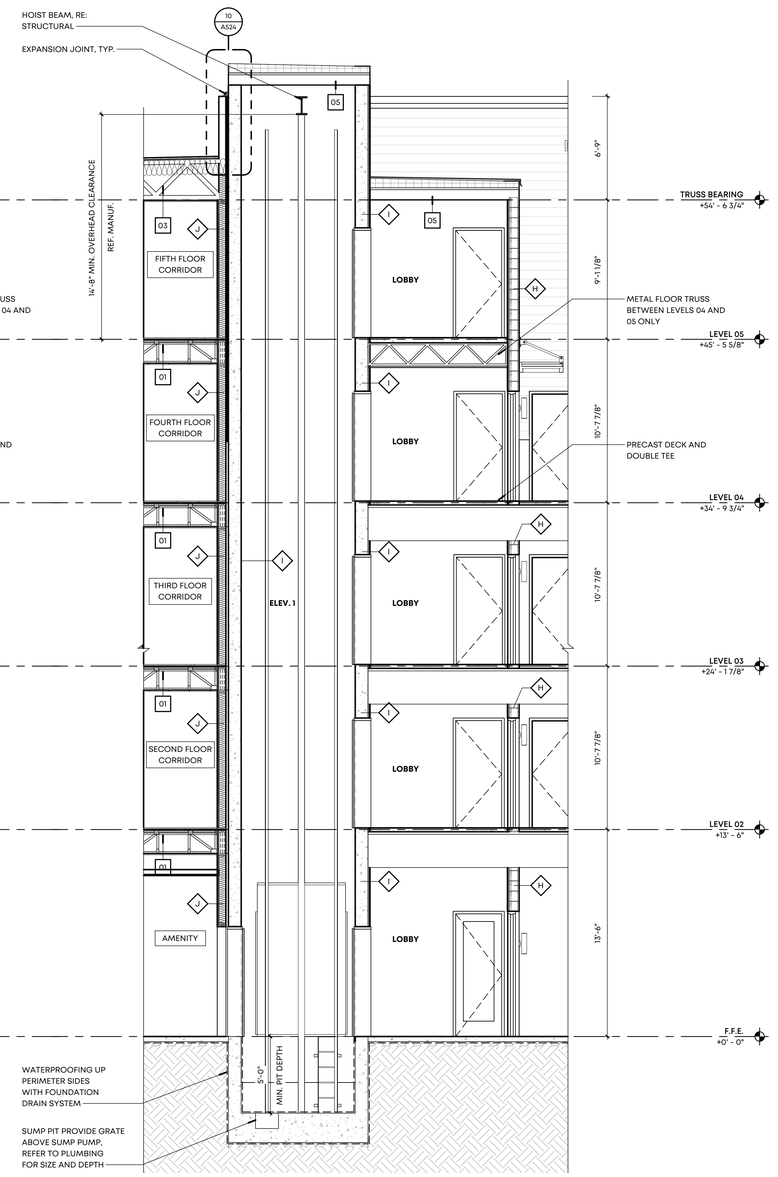
25 ELEVATOR 01 LOBBY - LEVEL 01

SCALE: 1/4" = 1'-0"



27 VENT SHAFT 01 - SECTION

SCALE: 1/4" = 1'-0"



29 ELEVATOR 01 - SECTION

SCALE: 1/4" = 1'-0"

WALL RATING LEGEND

- 1/2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER / WALL
- 2-HOUR FIRE BARRIER / WALL

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

ELEVATOR 01 LOBBY AND VENT PLANS, SECTIONS AND DETAILS

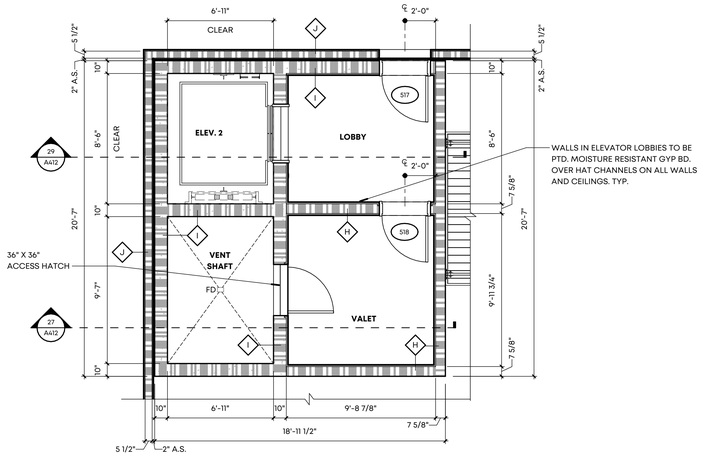
Drawn By: KMS, AW, MW

Checked By: HC

A411

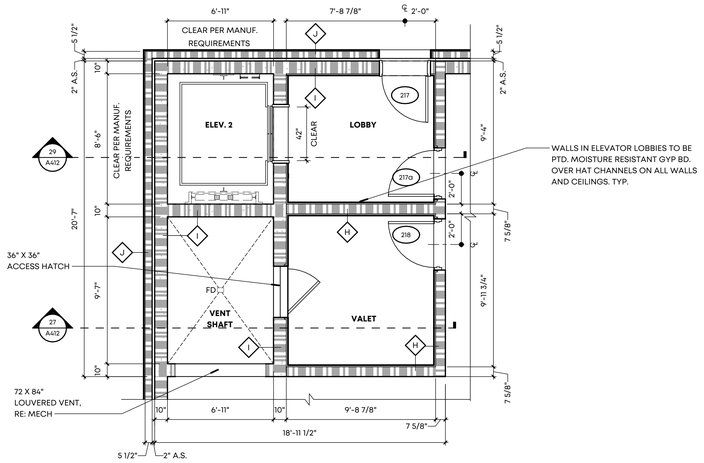
5/8/2025 5:17:06 PM C:\Users\hcolgin\Documents\22025- Elmwood-Central-R24_hcolgin.rvt

THE FRANCIS - 02.22025.00



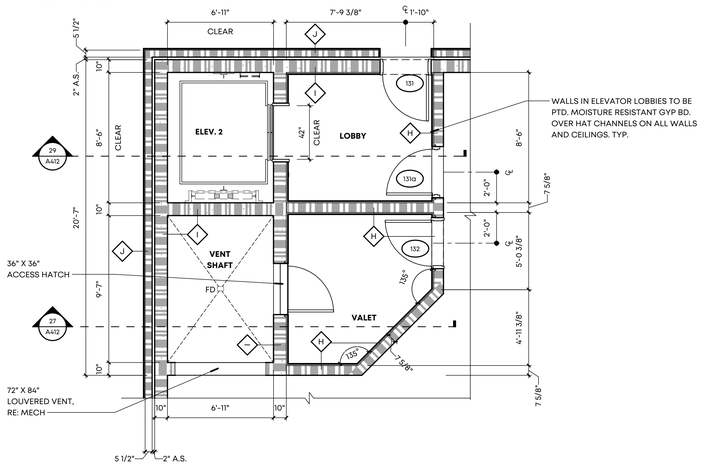
7 ELEVATOR 02 LOBBY - LEVEL 05

SCALE: 1/4" = 1'-0"



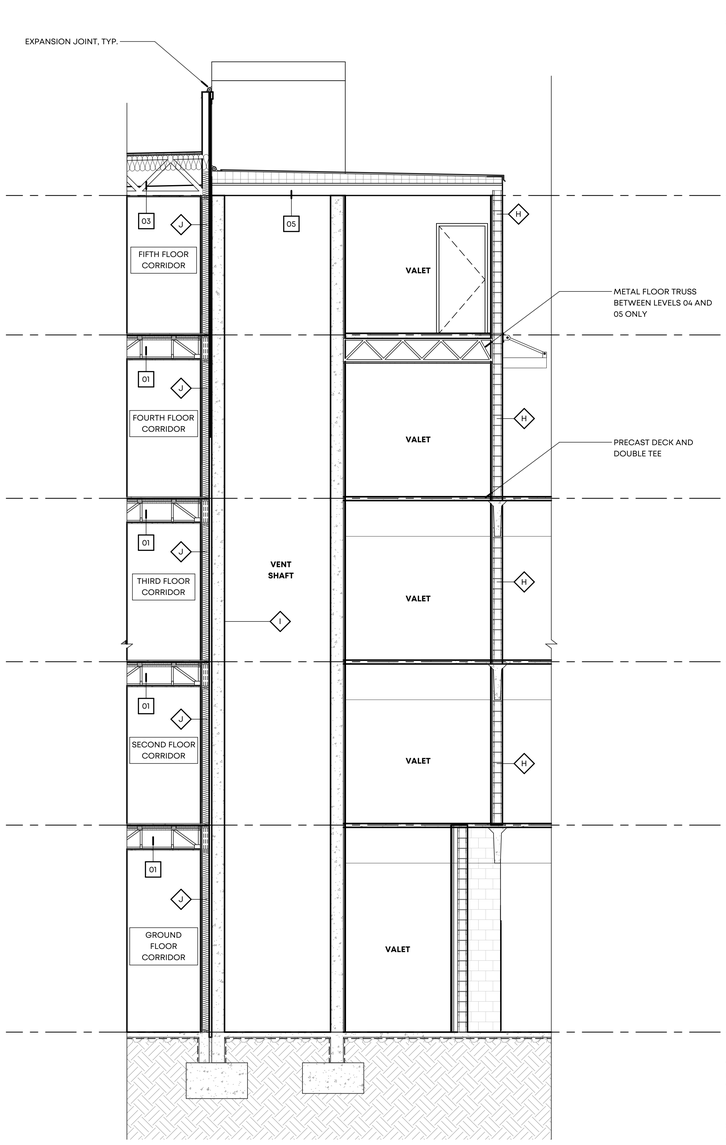
19 ELEVATOR 02 LOBBY - LEVEL 02-04

SCALE: 1/4" = 1'-0"



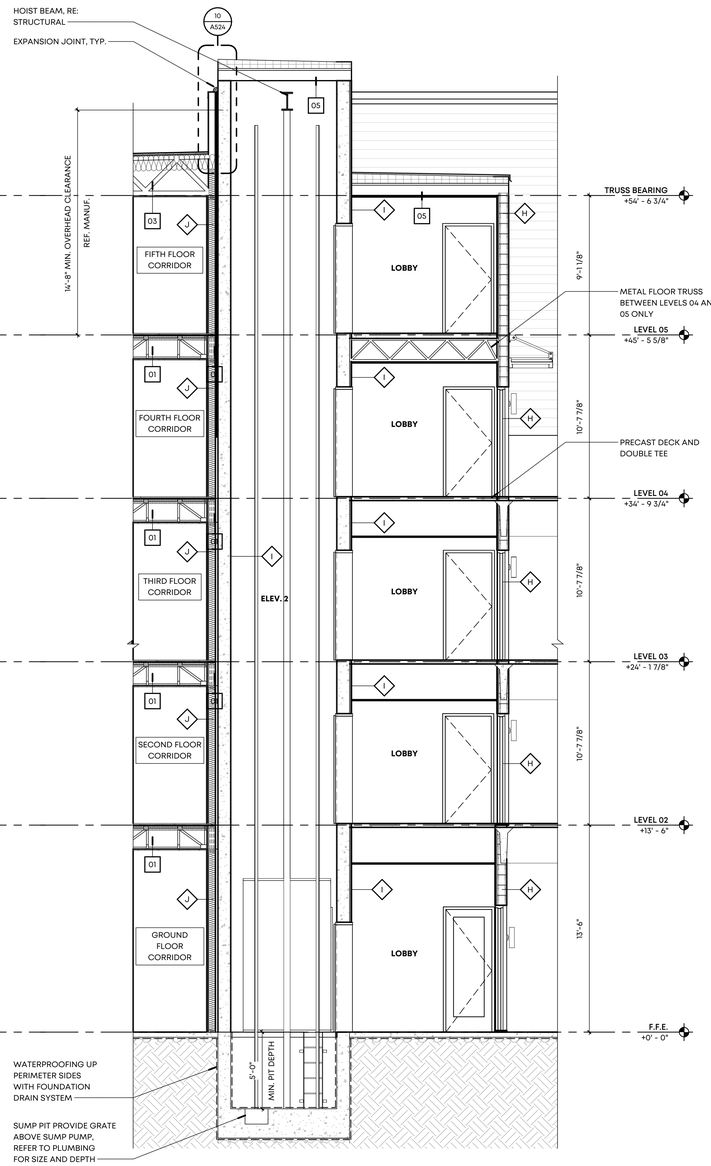
25 ELEVATOR 02 LOBBY - LEVEL 01

SCALE: 1/4" = 1'-0"



27 VENT SHAFT 02 - SECTION

SCALE: 1/4" = 1'-0"



29 ELEVATOR 02 - SECTION

SCALE: 1/4" = 1'-0"

WALL RATING LEGEND

- 1/2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER / WALL
- 2-HOUR FIRE BARRIER / WALL

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

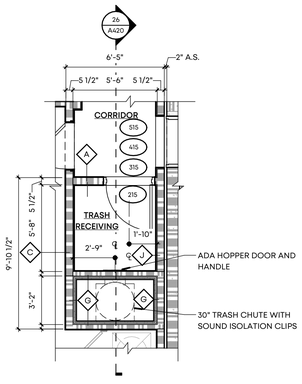
ELEVATOR 02 LOBBY AND VENT PLANS, SECTIONS AND DETAILS

Drawn By: KMS, AW, MW

Checked By: HC

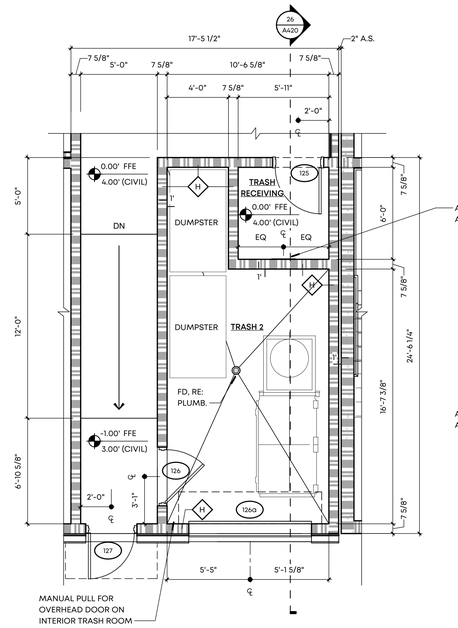
A412

5/8/2025 5:17:11 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



13 TRASH #2 - LEVEL 02-05

SCALE: 1/4" = 1'-0"

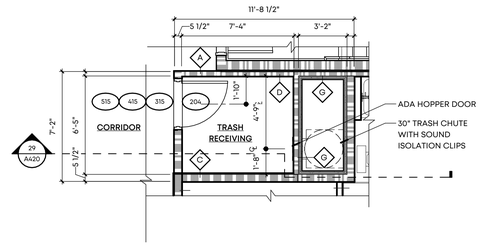


25 TRASH #2 - LEVEL 01

SCALE: 1/4" = 1'-0"

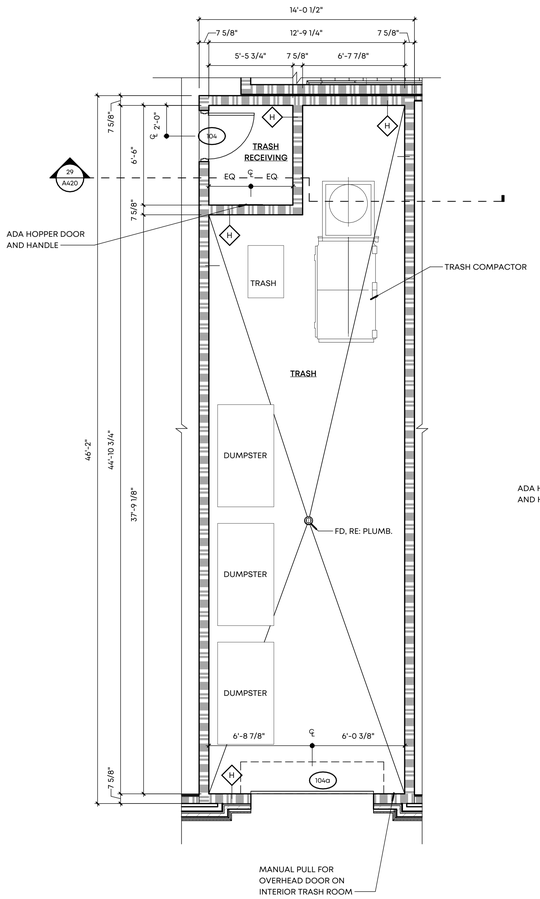
26 SECTION - TRASH #2

SCALE: 1/4" = 1'-0"



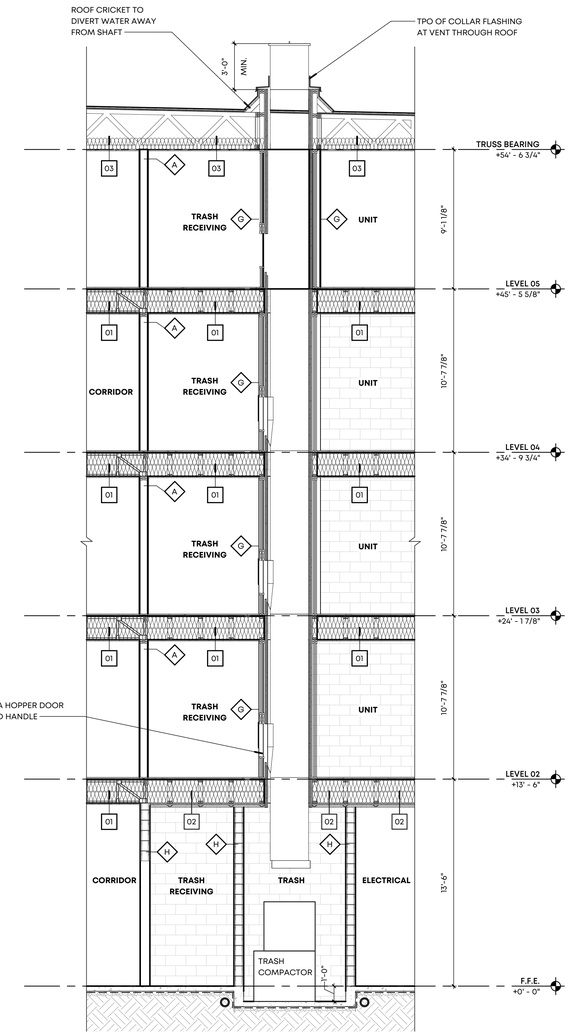
10 TRASH #1 - LEVEL 02-05

SCALE: 1/4" = 1'-0"



28 TRASH #1 - LEVEL 01

SCALE: 1/4" = 1'-0"



29 SECTION - TRASH #1

SCALE: 1/4" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

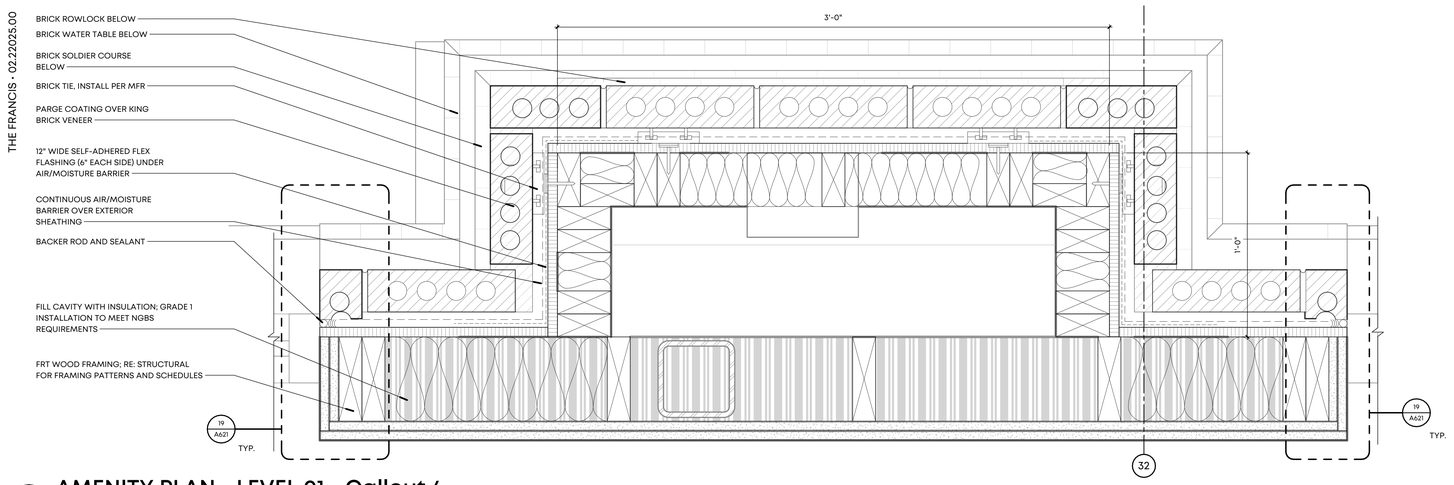
TRASH CHUTE PLANS, SECTIONS AND DETAILS

Drawn By: KMS, AW, MW

Checked By: HC

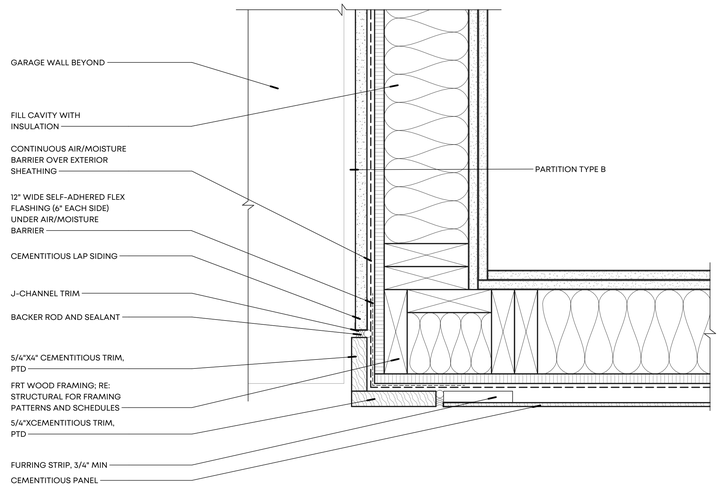
A420

THE FRANCIS - 02.22025.00



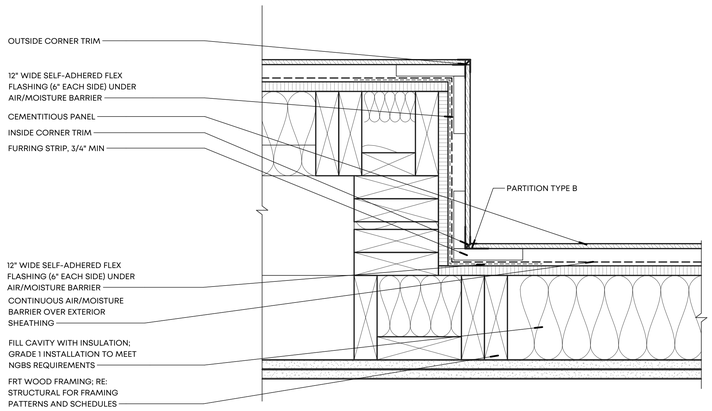
1 AMENITY PLAN - LEVEL 01 - Callout 4

SCALE: 3" = 1'-0"



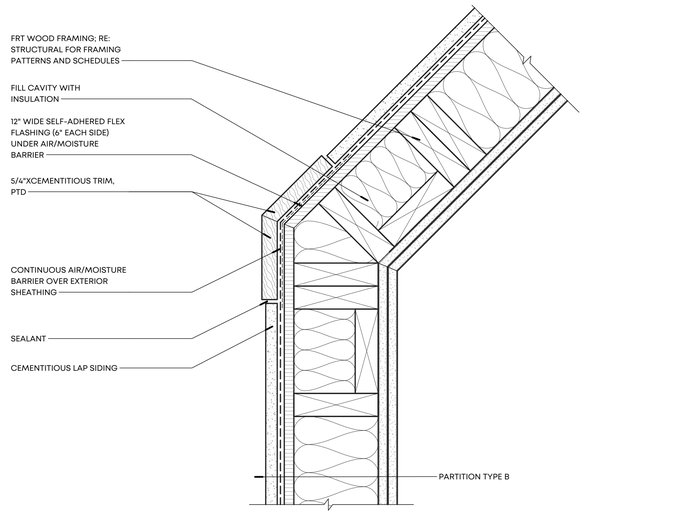
11 OUTSIDE CORNER - PANEL SIDING TO LAP SIDING

SCALE: 3" = 1'-0"



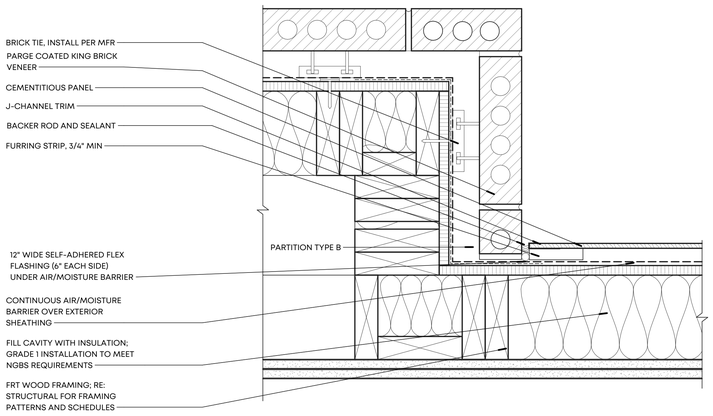
20 OUTSIDE AND INSIDE CORNER - PANEL SIDING TO PANEL SIDING

SCALE: 3" = 1'-0"



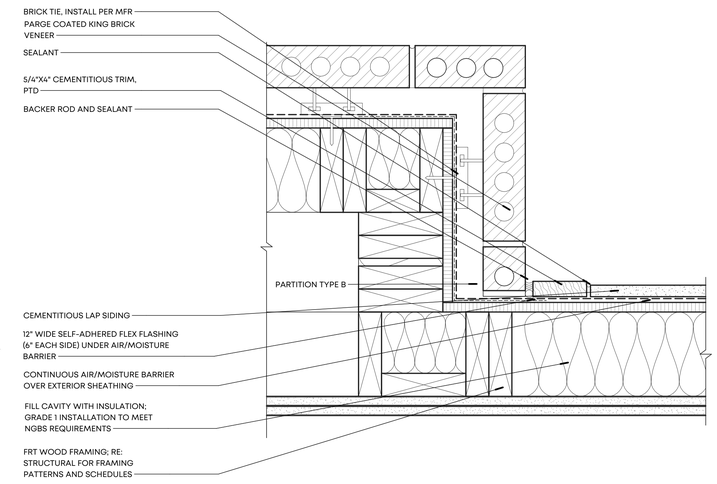
23 OUTSIDE CORNER - LAP SIDING TO LAP SIDING

SCALE: 3" = 1'-0"



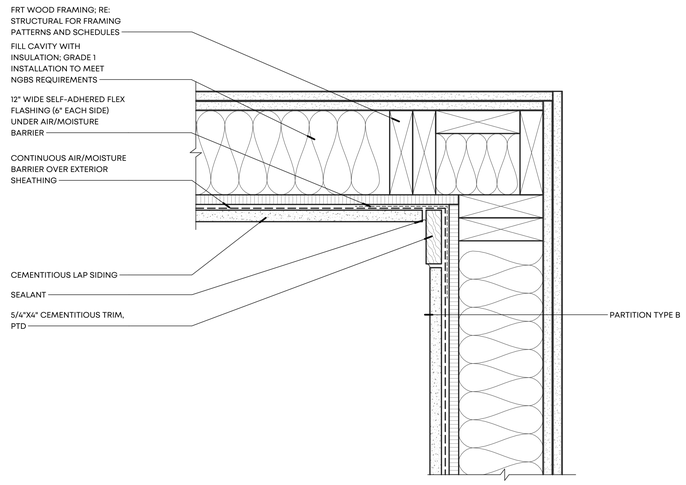
25 INSIDE CORNER - BRICK TO PANEL SIDING

SCALE: 3" = 1'-0"



27 INSIDE CORNER - BRICK TO LAP SIDING

SCALE: 3" = 1'-0"



28 INSIDE CORNER - LAP SIDING TO LAP SIDING

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

⚠	Date	Issued / Revised
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

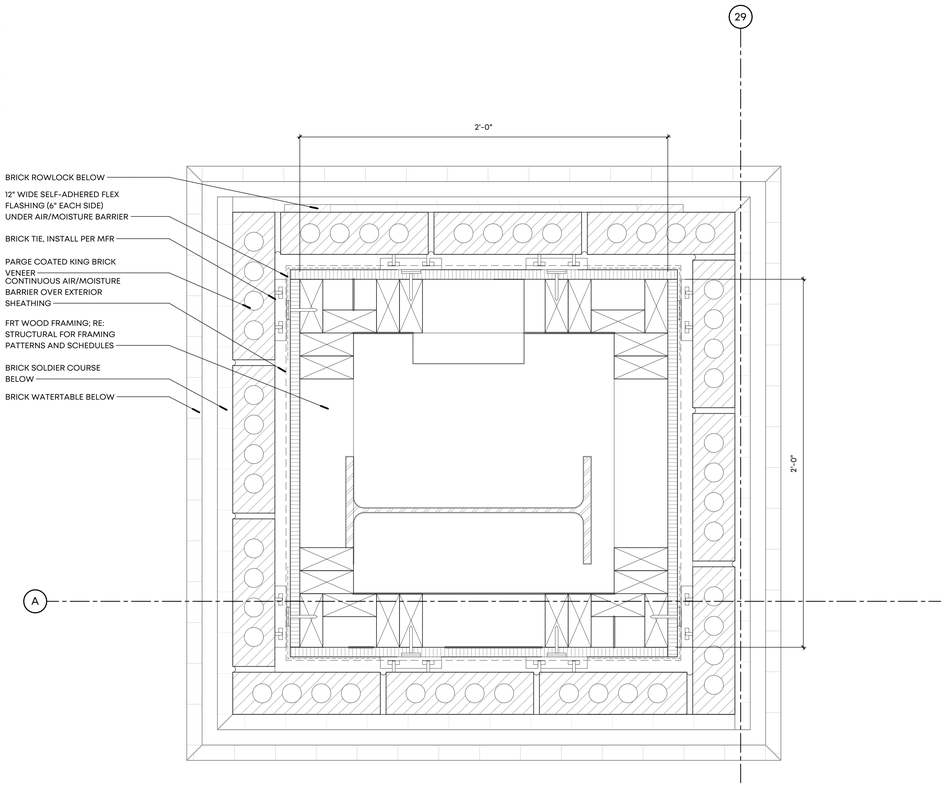
EXTERIOR PLAN DETAILS

Drawn By: KMS, MW

Checked By: HC

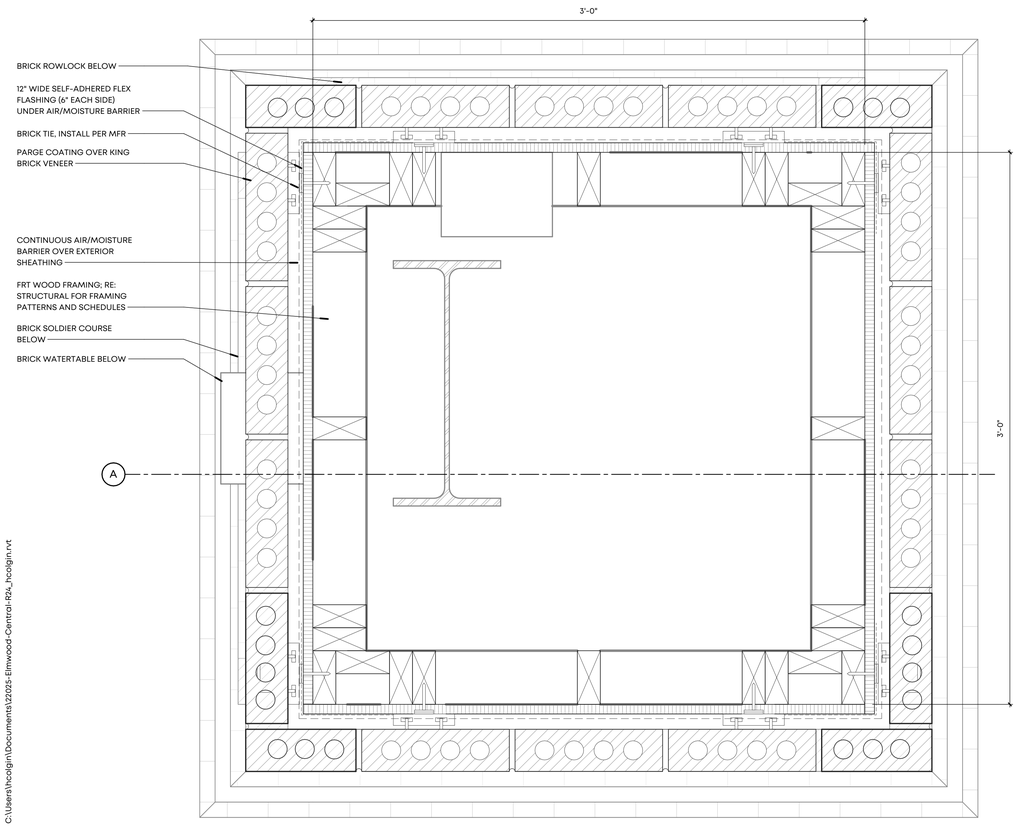
A501

5/8/2025 5:17:20 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



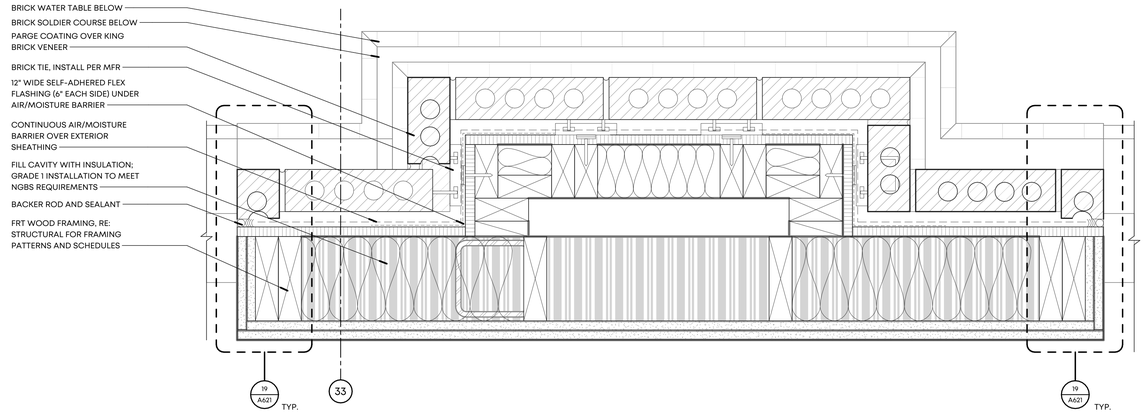
13 AMENITY PLAN - LEVEL 01 - Callout 2

SCALE: 3" = 1'-0"



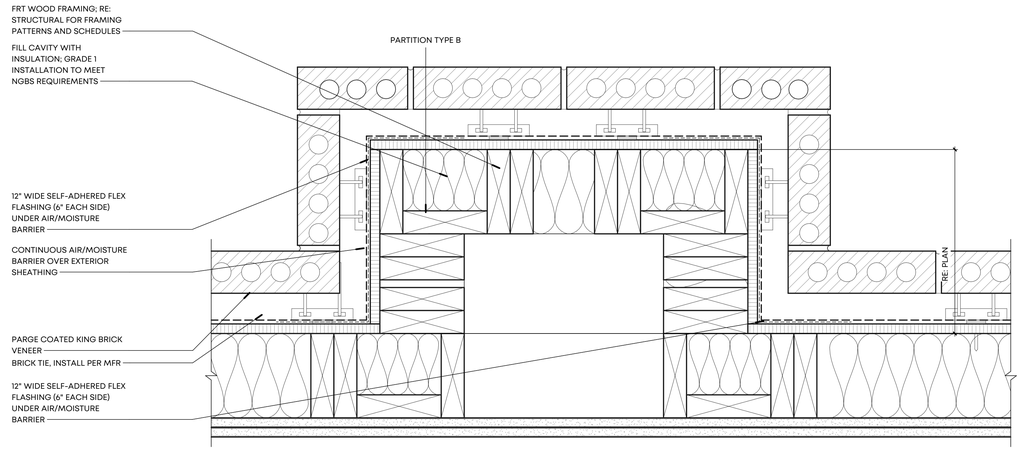
25 AMENITY PLAN - LEVEL 01 - Callout 1

SCALE: 3" = 1'-0"



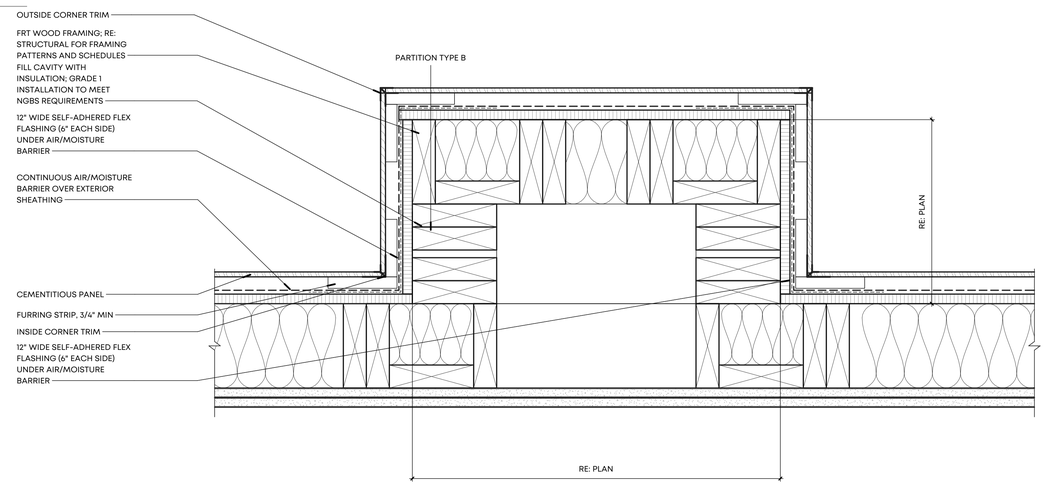
10 AMENITY PLAN - LEVEL 01 - Callout 5

SCALE: 3" = 1'-0"



22 BRICK PILASTER

SCALE: 3" = 1'-0"



28 PANEL SIDING PILASTER

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

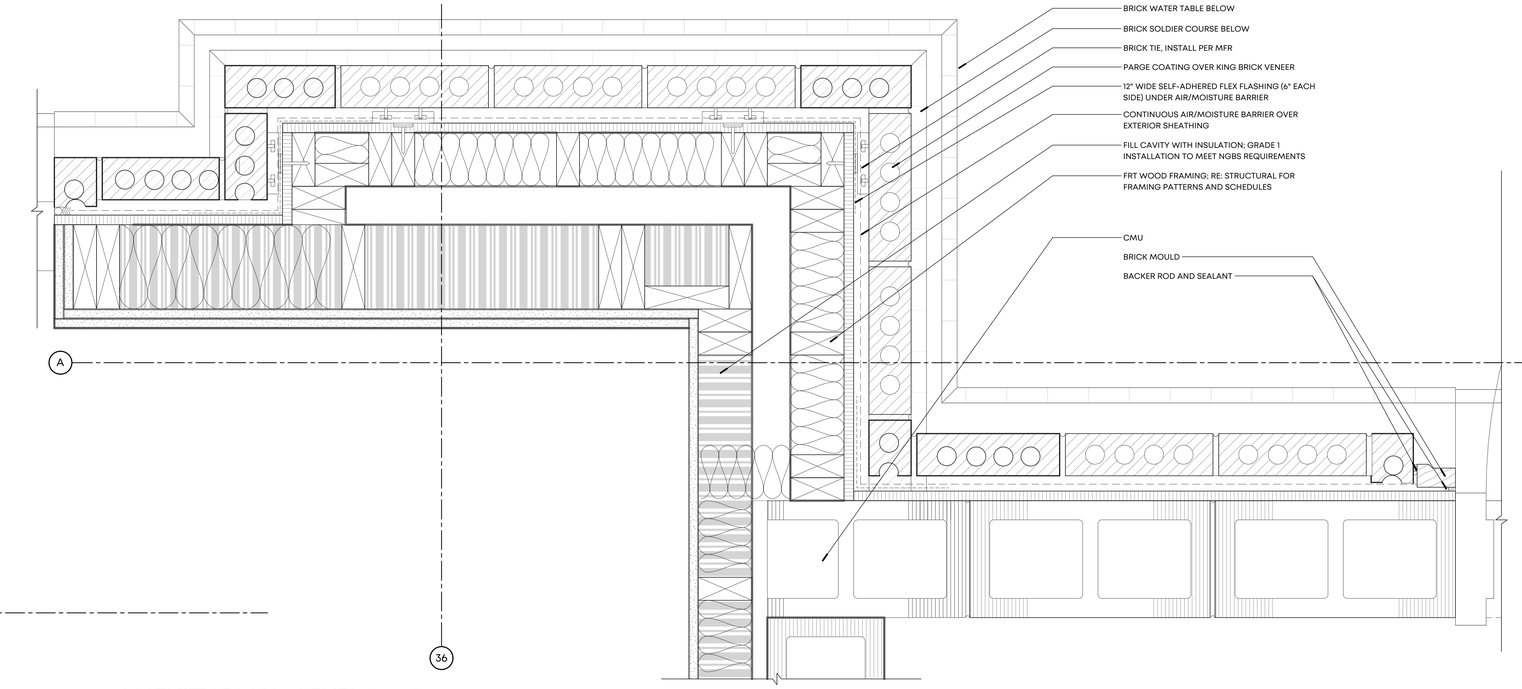
Drawing Name:

EXTERIOR PLAN DETAILS

Drawn By: KMS, MW

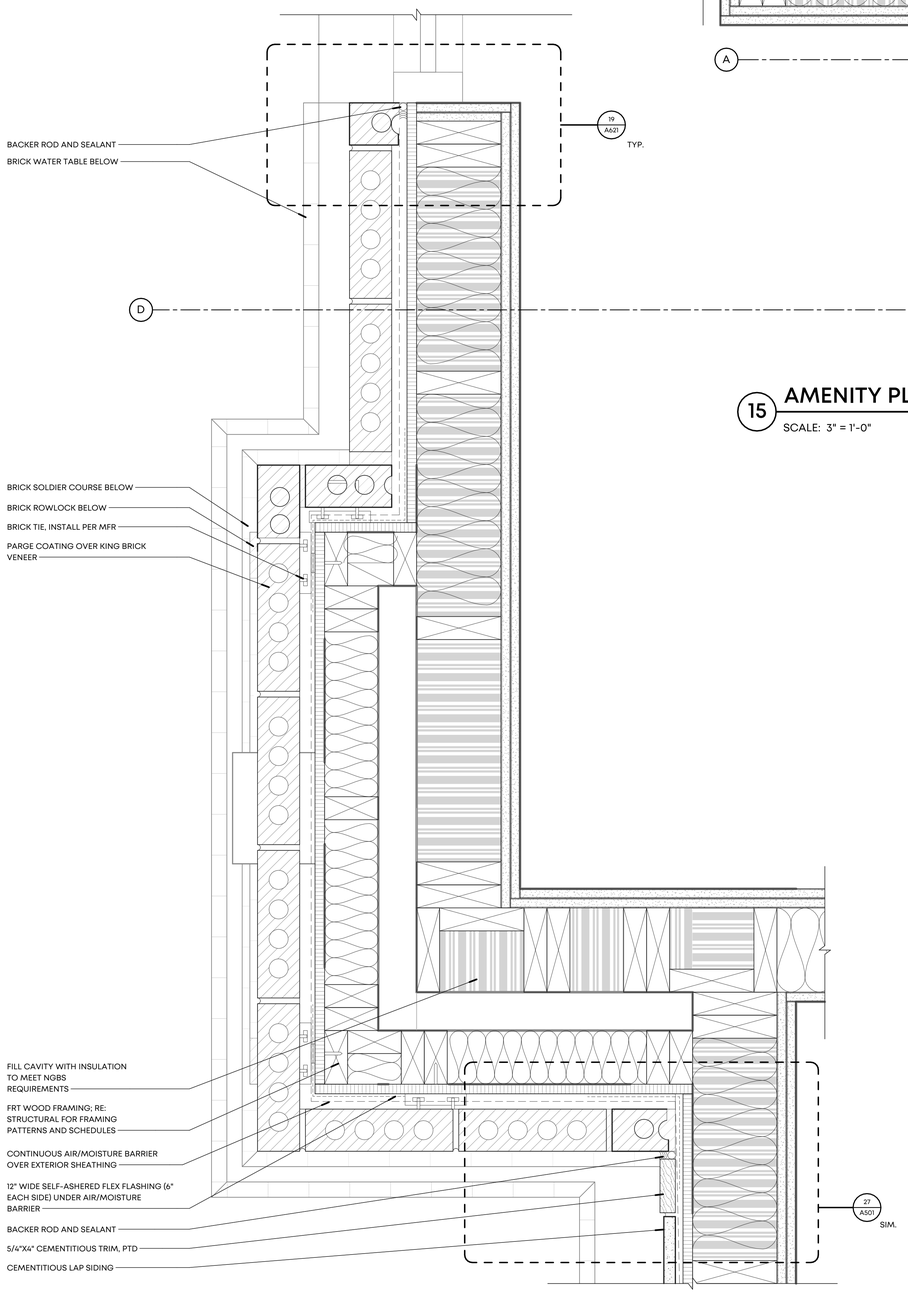
Checked By: HC

A502



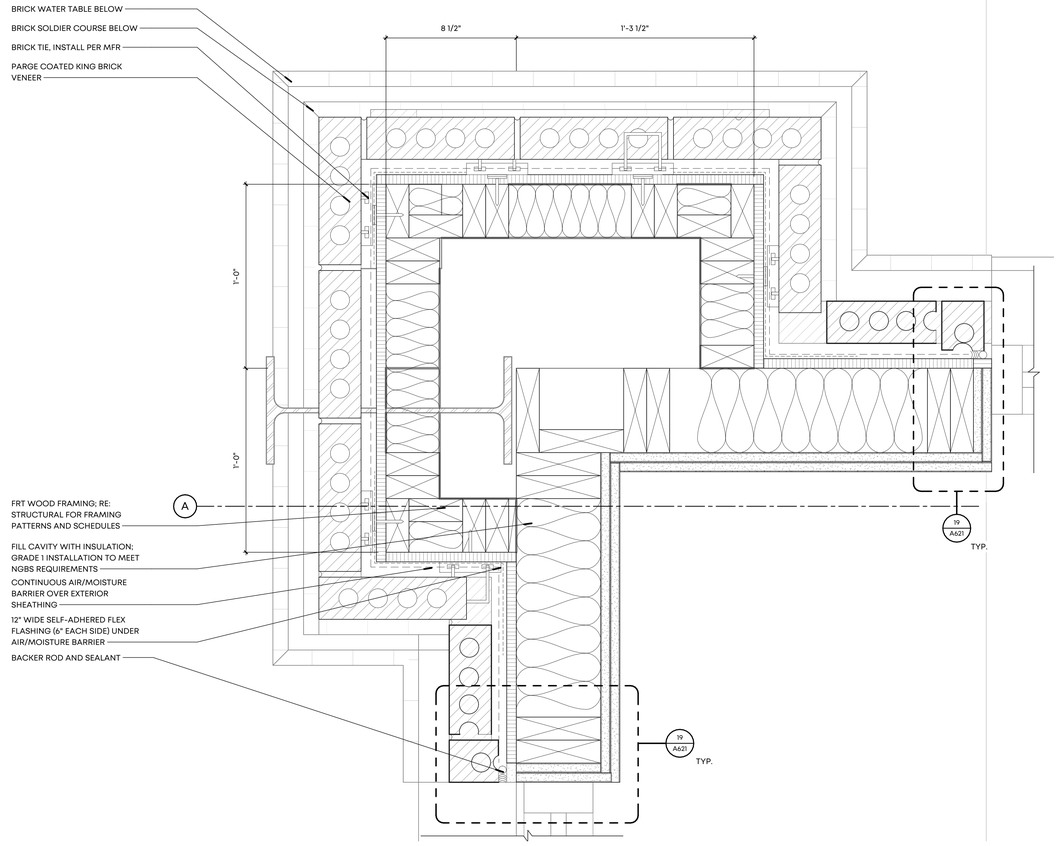
15 AMENITY PLAN - LEVEL 01 - Callout 6

SCALE: 3" = 1'-0"



25 AMENITY PLAN - LEVEL 01 - Callout 7

SCALE: 3" = 1'-0"



28 AMENITY PLAN - LEVEL 01 - Callout 3

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
4	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

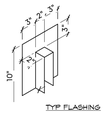
Drawing Name:

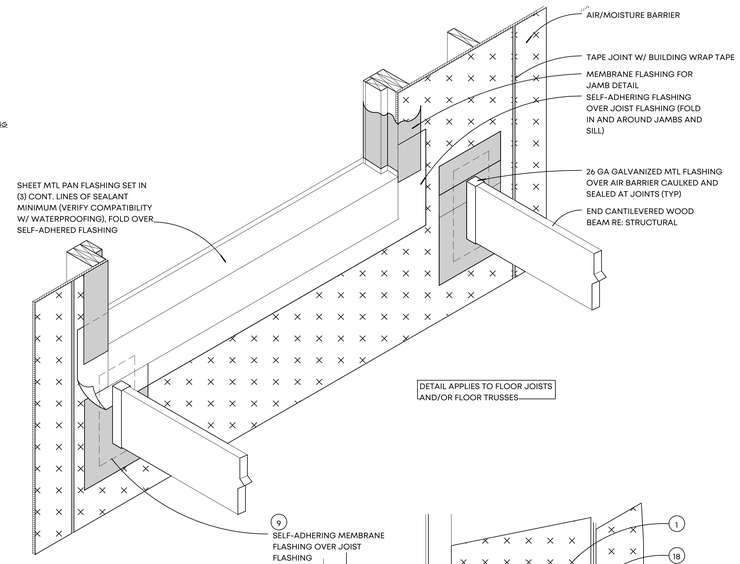
EXTERIOR PLAN DETAILS

Drawn By: MW

Checked By: HC

A503





13 FLASHING INSTALLATION
N.T.S.

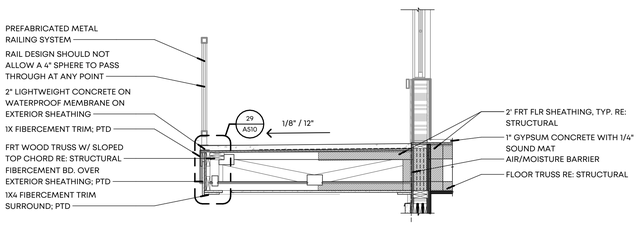
KEY NOTES

1. WEATHER BARRIER PER SPECIFICATION - WEATHER BARRIER SHALL
2. CORNER FLASHING/OUS AIR AND WEATHER BARRIER.
3. PT BLOCKING (1x2)
4. 26 GA GALVANIZED DRIP EDGE
5. 26 GA GALVANIZED "L" FLASHING (6" MIN LAP at JOINTS)
6. 60 MIL SELF-ADHERING SHEET WATERPROOFING, EXTEND UP VERTICAL FLASHING 2" AND DOWN EDGE FLASHING 1/2"
7. 26 GA GALVANIZED COUNTER FLASHING (6" MIN LAP AT JOINTS)
8. ±2"x3" 180 MIL MEMBRANE SPACERS at BALCONY EDGING ATTACHMENT POINTS (12"-16" O.C.). LAP SPACERS DOWN VERTICAL LEG OF DRIP EDGE 3/8".
9. INSTALL SELF-ADHERING MEMBRANE FLASHING
10. APPLY POINTING MASTIC TO ALL MEMBRANE TERMINATIONS, JOINTS &
11. PAN FLASHING AT DOORS, EXTEND BELOW CONCRETE TOPPING
12. EXTRUDED .050" ALUMINUM BALCONY EDGING ("T"-BAR)
13. CONCRETE DECK NOT SHOWN FOR CLARITY
14. NOT USED
15. BACKER ROD & CONTINOUS SEALANT
16. INSTALL PROTECTION BOARD OVER MEMBRANE
17. EXTERIOR FINISH NOT SHOWN FOR CLARITY
18. BUILDING WRAP TAPE JOINT
19. CONTINUOUS SEALANT
20. APPLY GENEROUS AMOUNT OF POINTING MASTIC TO SLOPE WATER AWAY FROM CORNERS

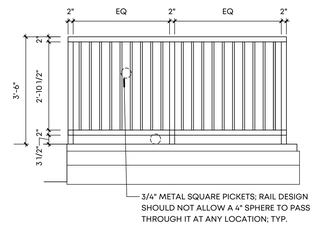
NOTE:
1. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE COMPATIBILITY OF ALL PRODUCTS INCLUDING MOISTURE BARRIER, SEALANTS & FLEXIBLE FLASHING MATERIALS USED DURING CONSTRUCTION.
2. INSTALL ALL MATERIALS PER MANUFACTURERS WRITTEN SPECIFICATIONS
3. PREP AND PRIME ALL SURFACES AS REQUIRED.

WARNING: SEALANTS/FLASHINGS MAY REACT ADVERSELY IF NOT COMPATIBLE.

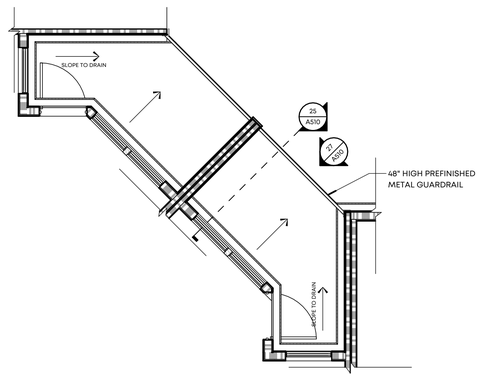
19 FLASHING INSTALLATION
SCALE: 1" = 1'-0"



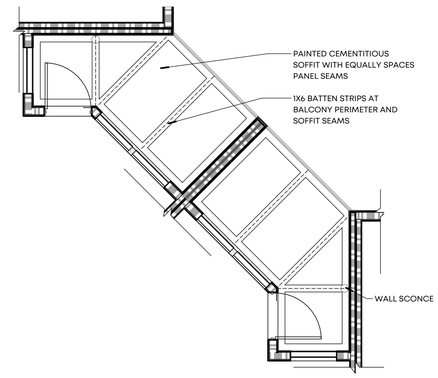
25 DETAIL - BALCONY
SCALE: 1/2" = 1'-0"



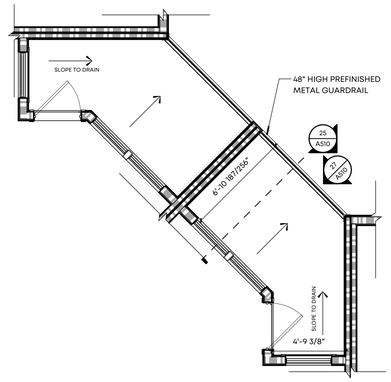
27 A2 BALCONY RAILING FRONT
SCALE: 1/2" = 1'-0"



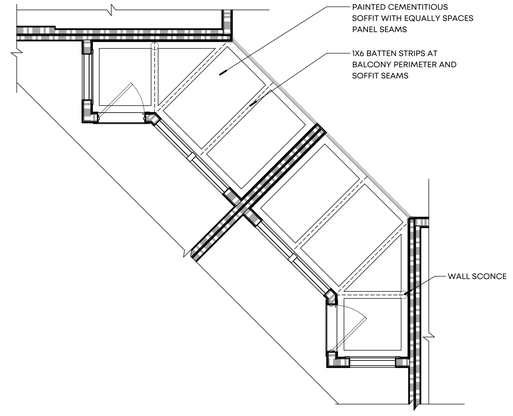
10 LEVEL 01 - OPEN COURTYARD PORCH
SCALE: 1/4" = 1'-0"



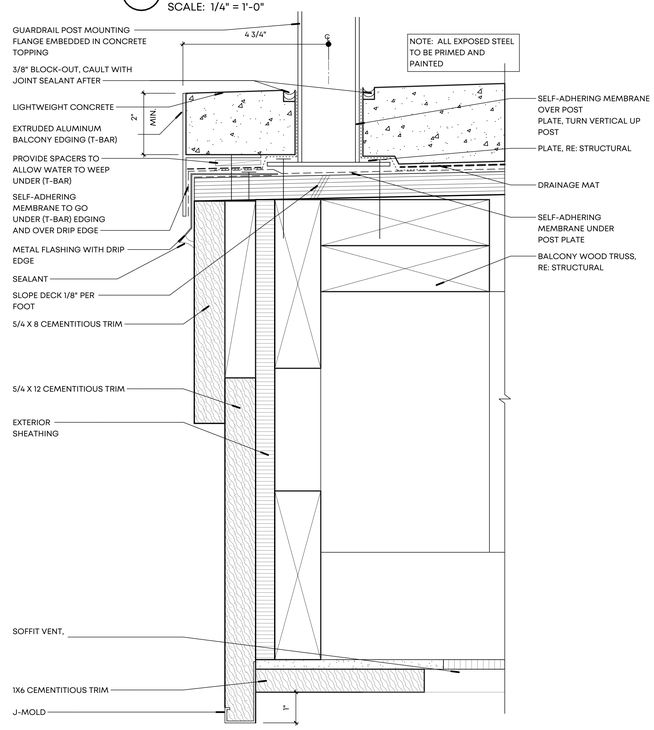
11 LEVEL 01 - OPEN COURTYARD PORCH - RCP
SCALE: 1/4" = 1'-0"



16 LEVEL 03 - COURTYARD BALCONY
SCALE: 1/4" = 1'-0"



17 POOL COURTYARD BALCONY - RCP
SCALE: 1/4" = 1'-0"



29 BALCONY EDGE RAILING CONNECTION
SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

Elmwood, LA

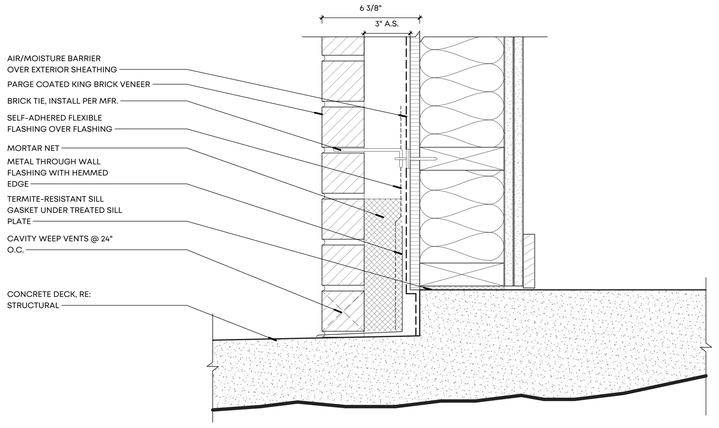
Drawing Name:
BALCONY DETAILS

Drawn By: KMS, MW

Checked By: HC

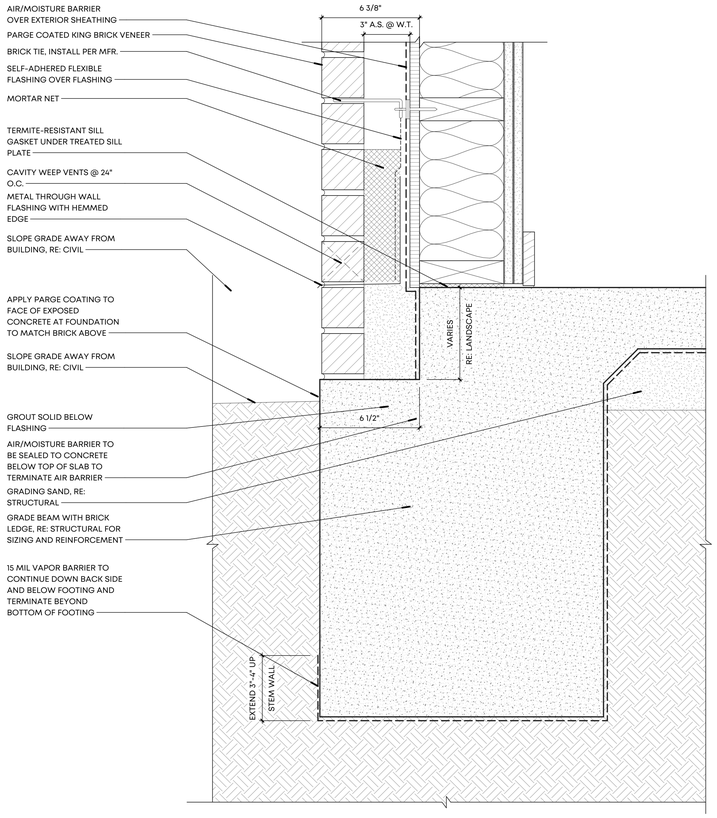
A510

C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt
5/8/2025 5:17:33 PM



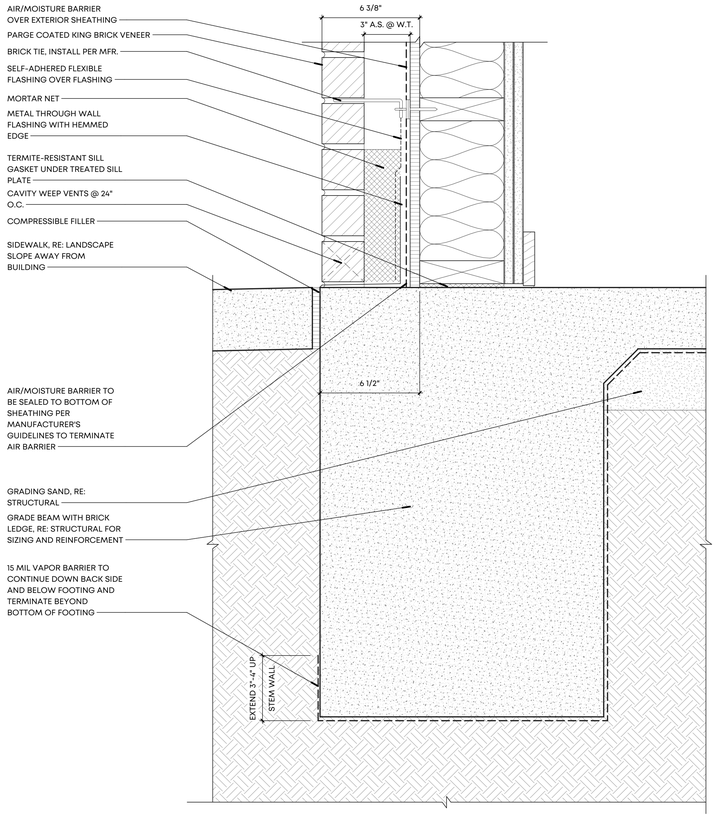
17 BRICK AT PATIO

SCALE: 3" = 1'-0"



27 BRICK WATER TABLE AT GRADE

SCALE: 3" = 1'-0"



29 BRICK WATER TABLE AT HARDSCAPE

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

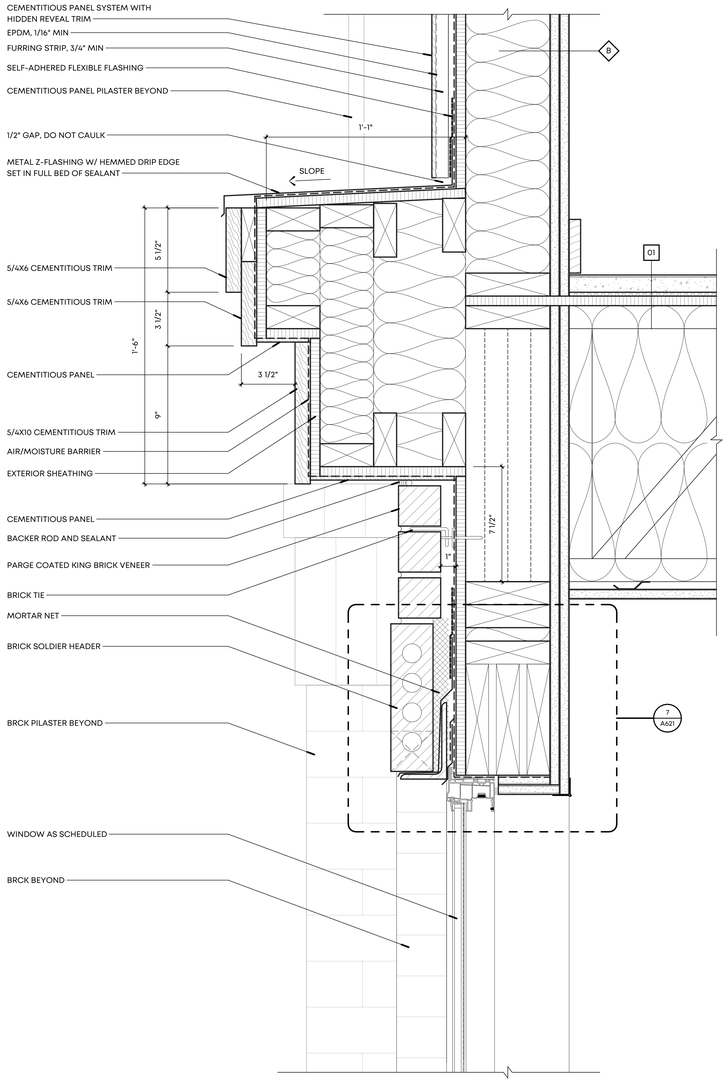
FOUNDATION DETAILS

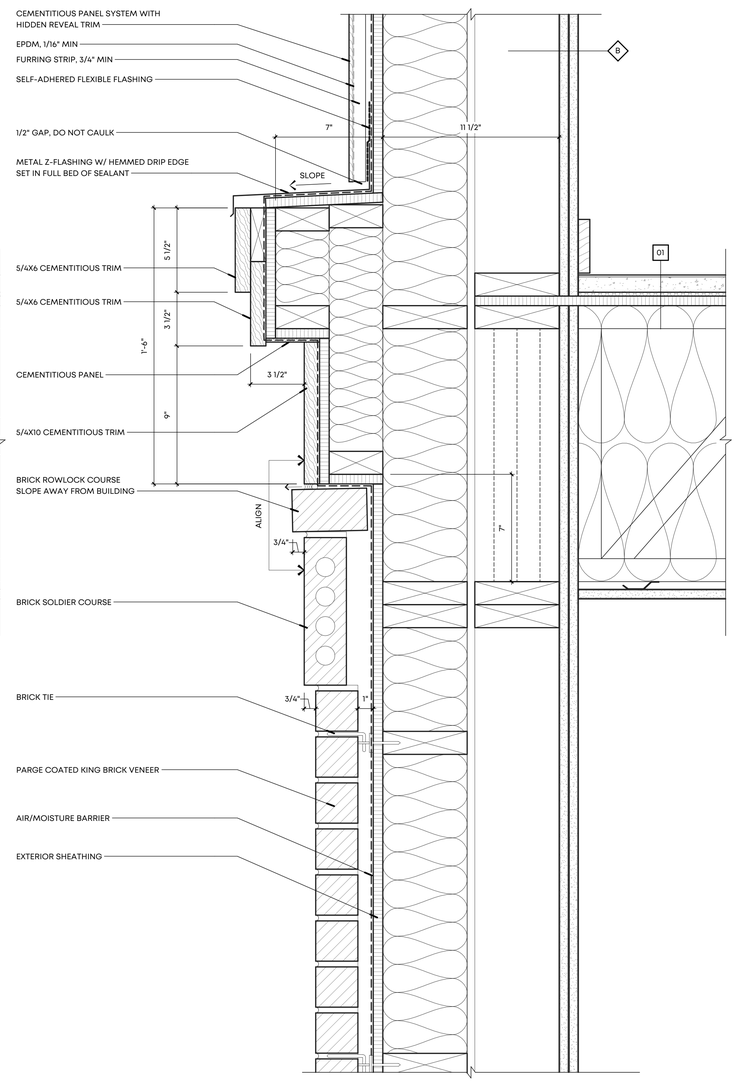
Drawn By: KMS

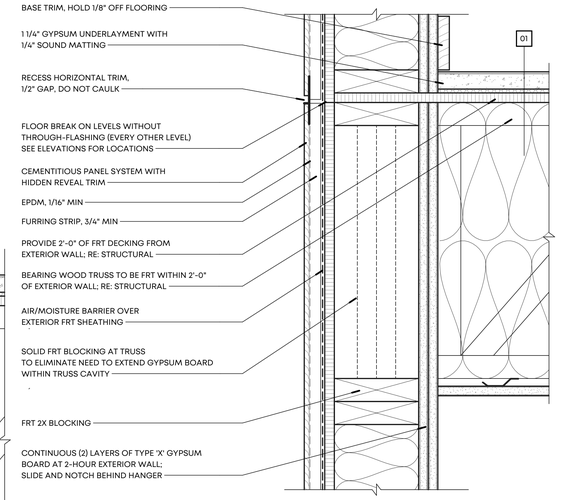
Checked By: HC

A520

THE FRANCIS - 02.22025.00

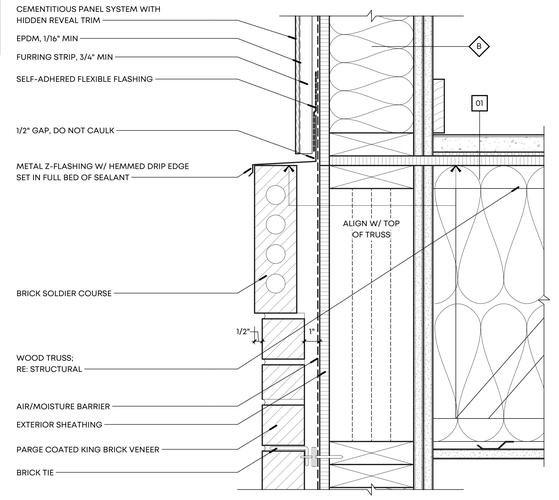






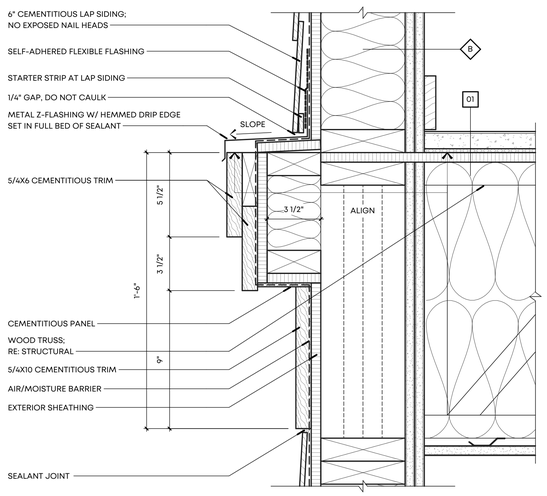
11 FLOOR/CEILING ASSEMBLY - EXTERIOR WALL

SCALE: 3" = 1'-0"



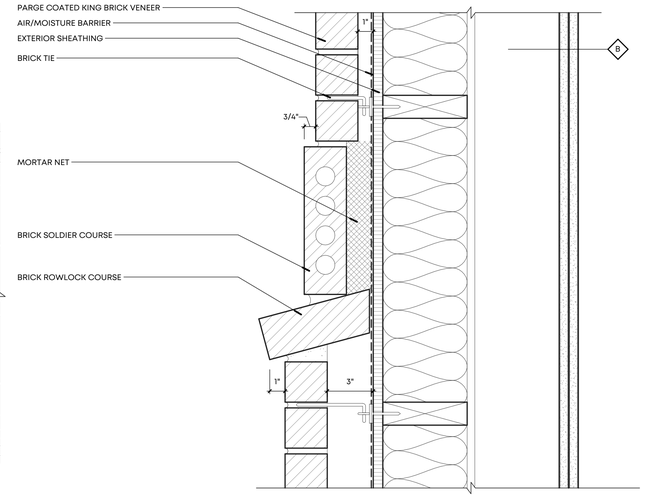
13 TYP. CORNICE

SCALE: 3" = 1'-0"



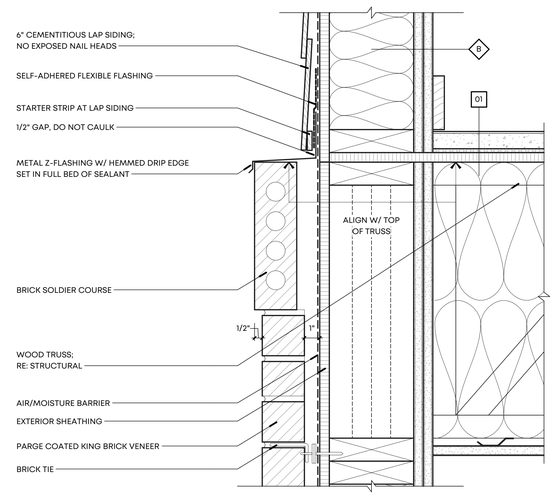
15 TYP. CORNICE AT PILASTER

SCALE: 3" = 1'-0"



17 BRICK SOLDIER COURSE BAND AT PANEL SIDING

SCALE: 3" = 1'-0"



26 CORNICE AT LAP SIDING

SCALE: 3" = 1'-0"

27 TYP. BRICK PILASTER BASE

SCALE: 3" = 1'-0"

29 BRICK SOLDIER COURSE BAND AT LAP SIDING

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
1	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

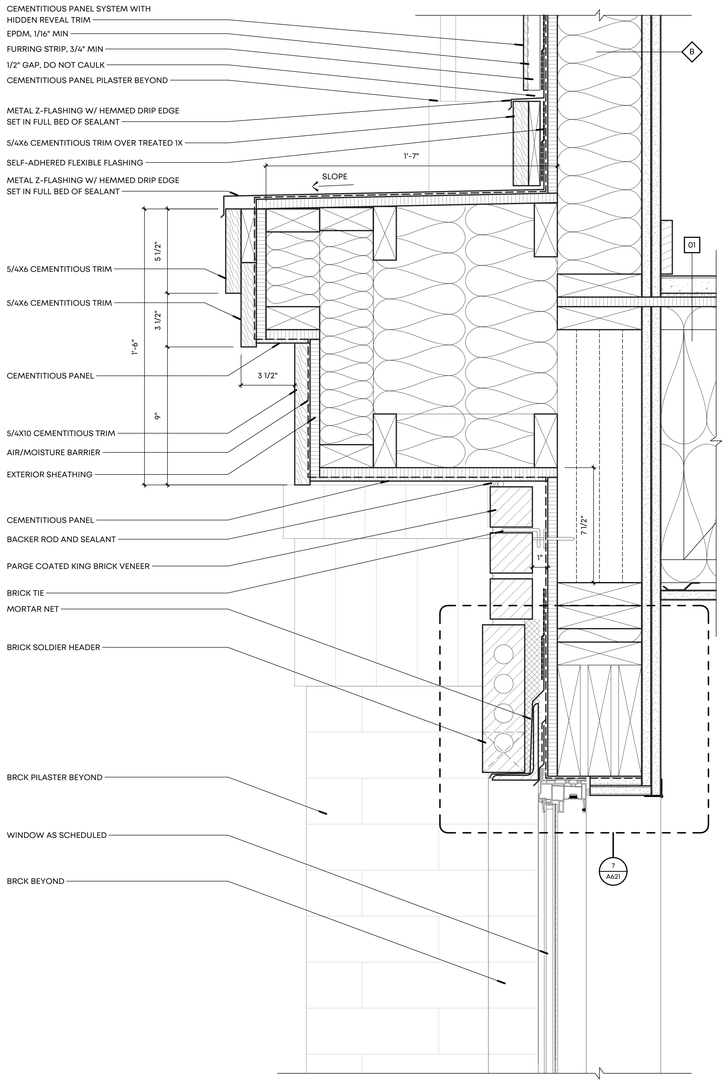
EXTERIOR SECTION DETAILS

Drawn By: KMS, AW

Checked By: HC

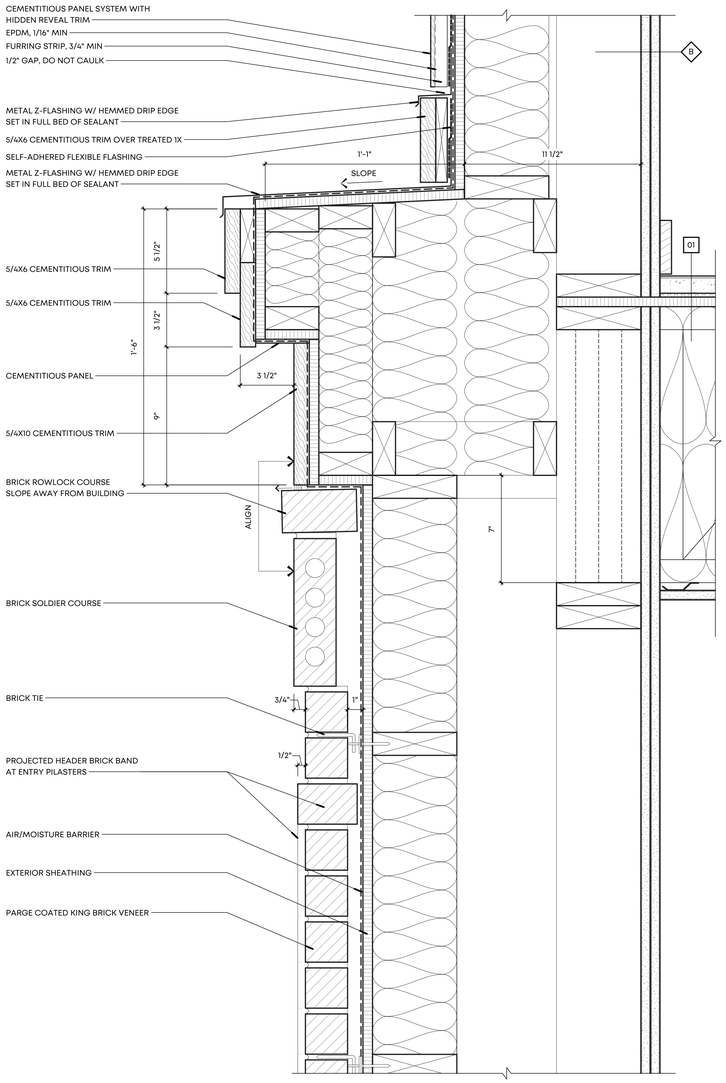
A521

5/8/2025 5:17:39 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



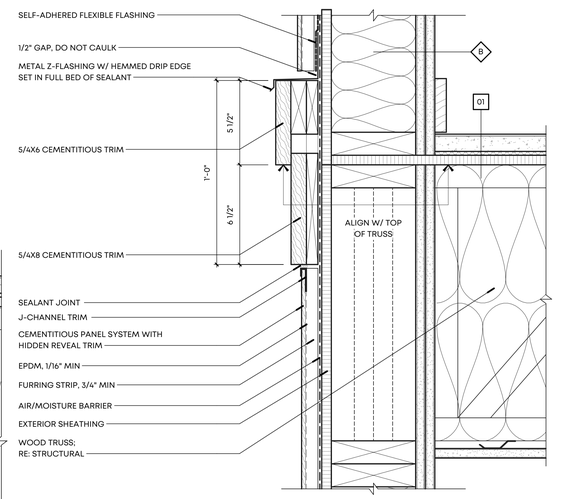
13 CORNICE AT ENTRY

SCALE: 3" = 1'-0"



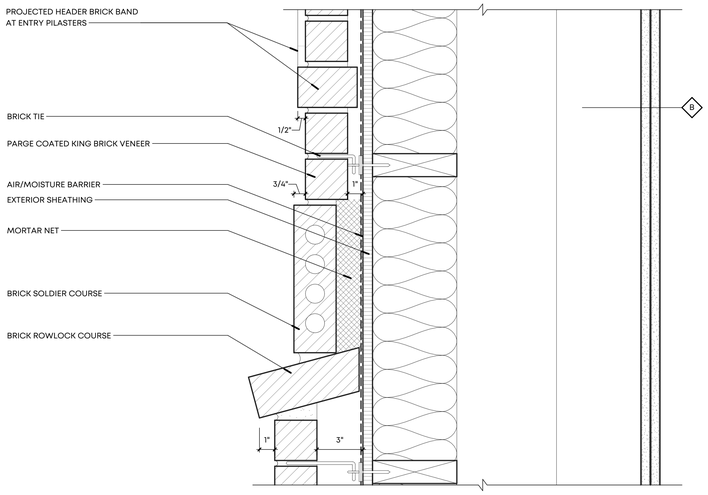
15 CORNICE AT ENTRY PILASTER

SCALE: 3" = 1'-0"



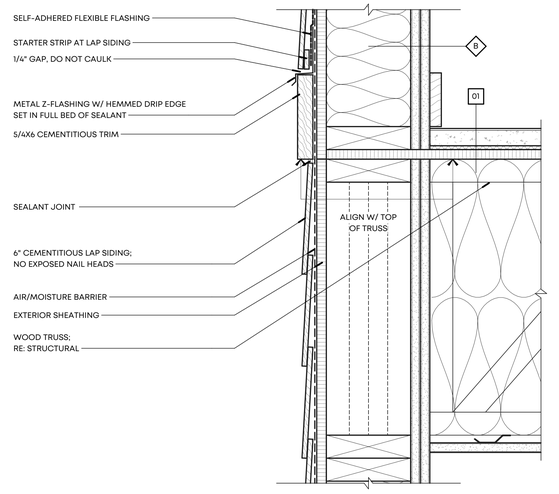
TRIM BAND AT PANEL SIDING - DOUBLE TRIM

11 SCALE: 3" = 1'-0"



27 BRICK ENTRY PILASTER BASE

SCALE: 3" = 1'-0"



TRIM BAND AT PANEL SIDING - SINGLE TRIM

17 SCALE: 3" = 1'-0"

29 TRIM BAND AT LAP SIDING - SINGLE TRIM

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

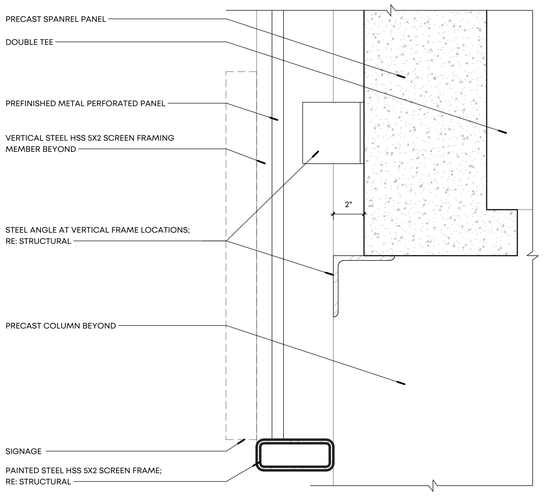
Drawing Name:

EXTERIOR SECTION DETAILS

Drawn By: AW

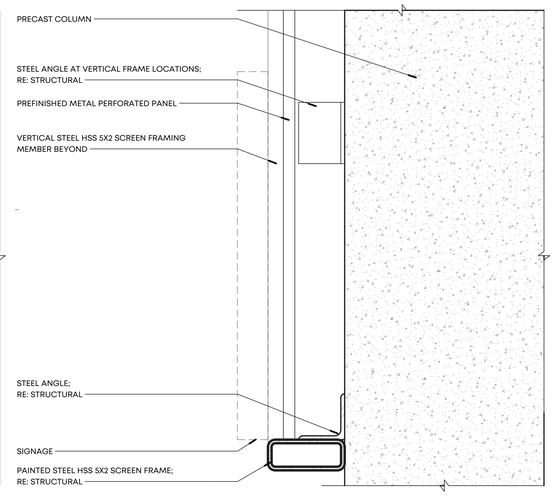
Checked By: HC

A522



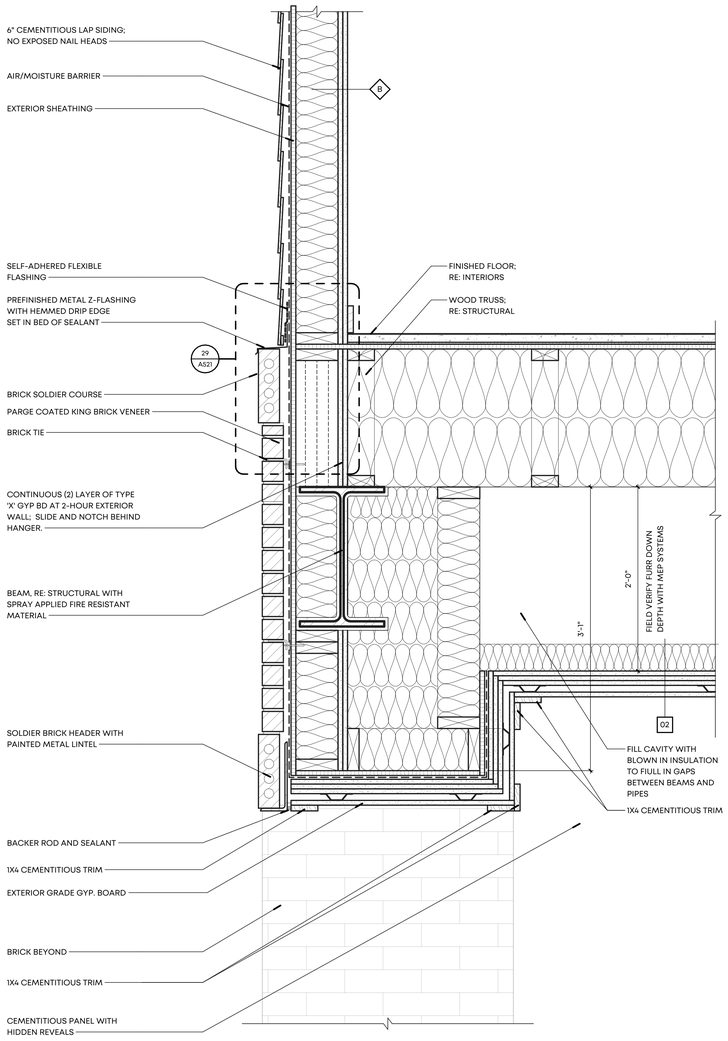
10 SCREEN CONNECTION AT GARAGE ENTRY - SPANDREL PANEL

SCALE: 3" = 1'-0"



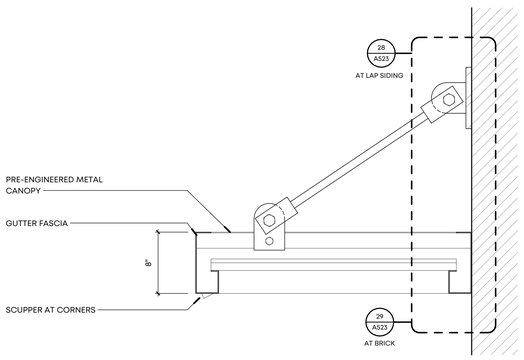
11 SCREEN CONNECTION AT GARAGE ENTRY - PRECAST COLUMN

SCALE: 3" = 1'-0"



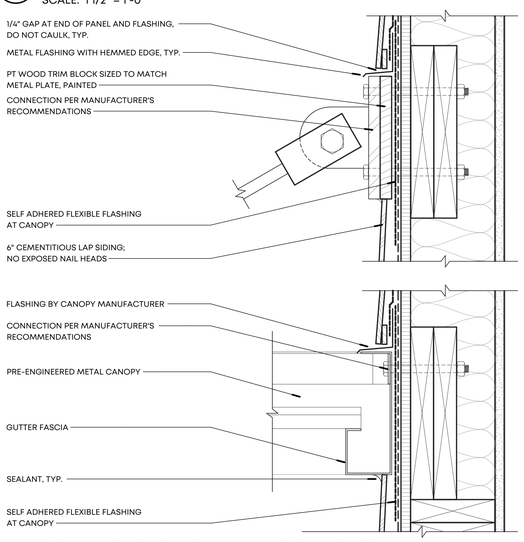
26 BRICK DETAIL AT GARAGE ENTRY

SCALE: 1 1/2" = 1'-0"



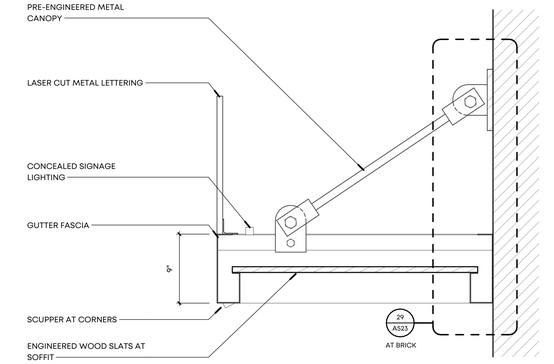
16 TYP. METAL CANOPY

SCALE: 1 1/2" = 1'-0"



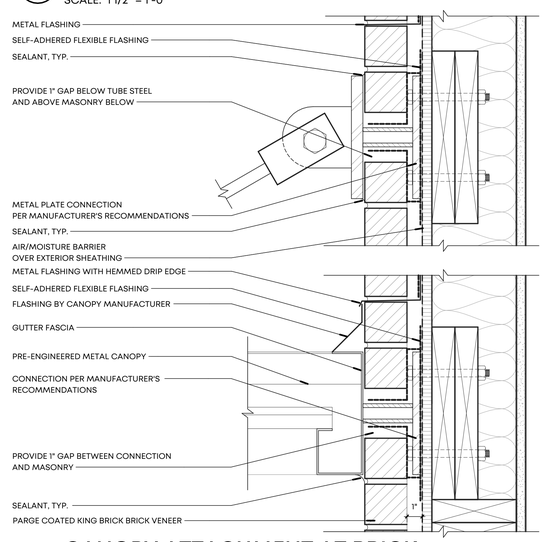
28 CANOPY ATTACHMENT AT LAP SIDING

SCALE: 3" = 1'-0"



17 METAL CANOPY AT ENTRY

SCALE: 1 1/2" = 1'-0"



29 CANOPY ATTACHMENT AT BRICK

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
4	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

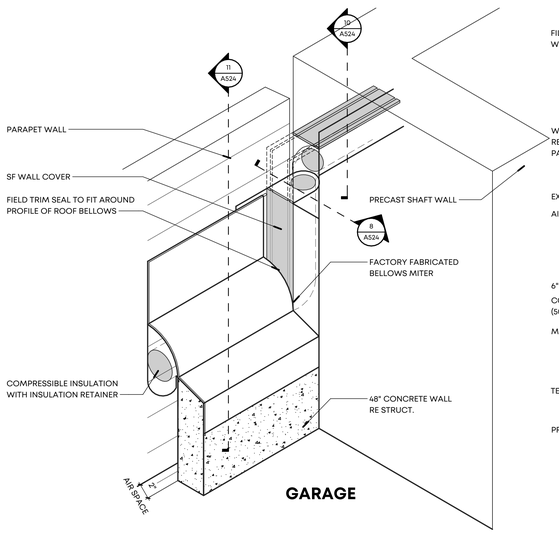
Drawing Name:

EXTERIOR SECTION DETAILS

Drawn By: AW

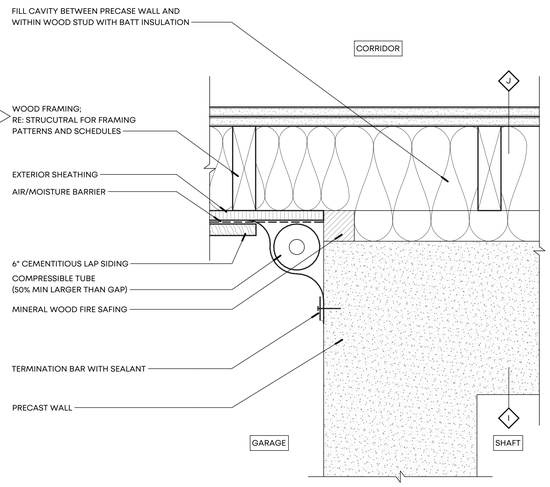
Checked By: HC

A523



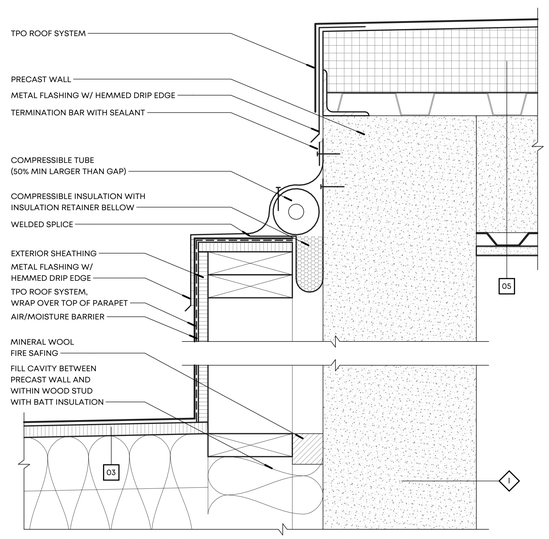
7 EXPANSION JOINT VERTICAL TRANSITION

SCALE: 1 1/2" = 1'-0"



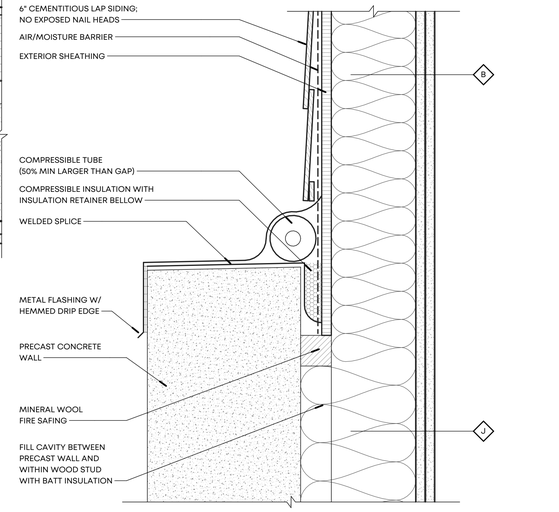
8 GARAGE TO SHAFT TRANSITION

SCALE: 3" = 1'-0"



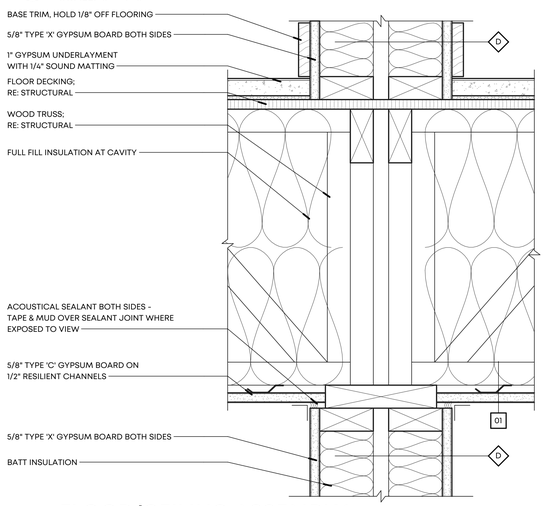
10 PARAPET TRANSITION - ELEVATOR SHAFT

SCALE: 3" = 1'-0"



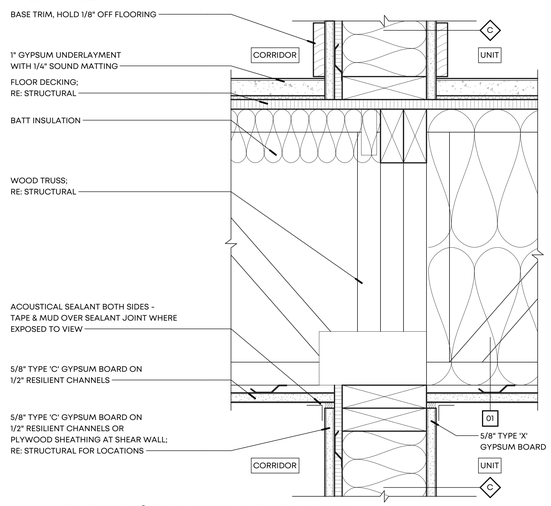
11 PARAPET TRANSITION - GARAGE

SCALE: 3" = 1'-0"



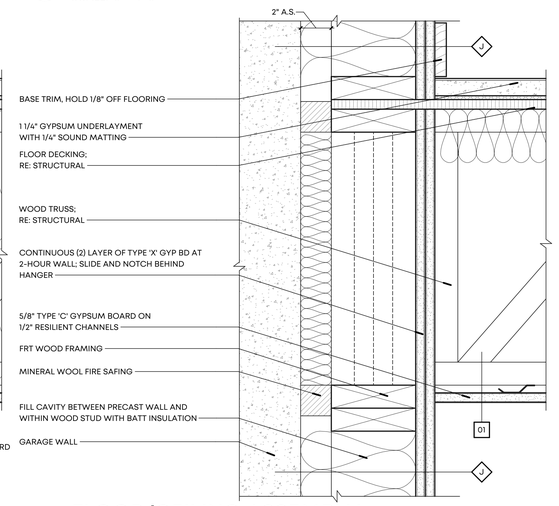
14 FLOOR/CEILING ASSEMBLY - UNIT DEMISING WALL, TYP.

SCALE: 3" = 1'-0"



16 FLOOR/CEILING ASSEMBLY - CORRIDOR TO UNIT

SCALE: 3" = 1'-0"



17 FLOOR/CEILING ASSEMBLY - GARAGE TO CORRIDOR

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
1	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

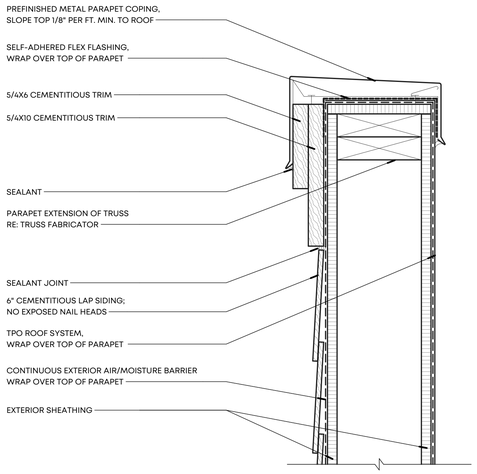
Drawing Name:

INTERIOR SECTION AND ROOF DETAILS

Drawn By: KMS, AW

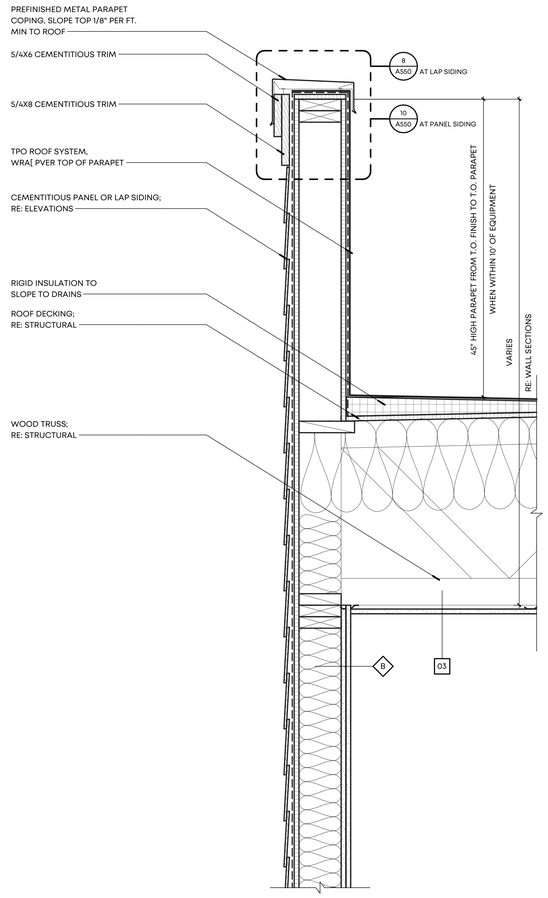
Checked By: HC

A524



8 PARAPET AT LAP SIDING - DOUBLE TRIM

SCALE: 3" = 1'-0"

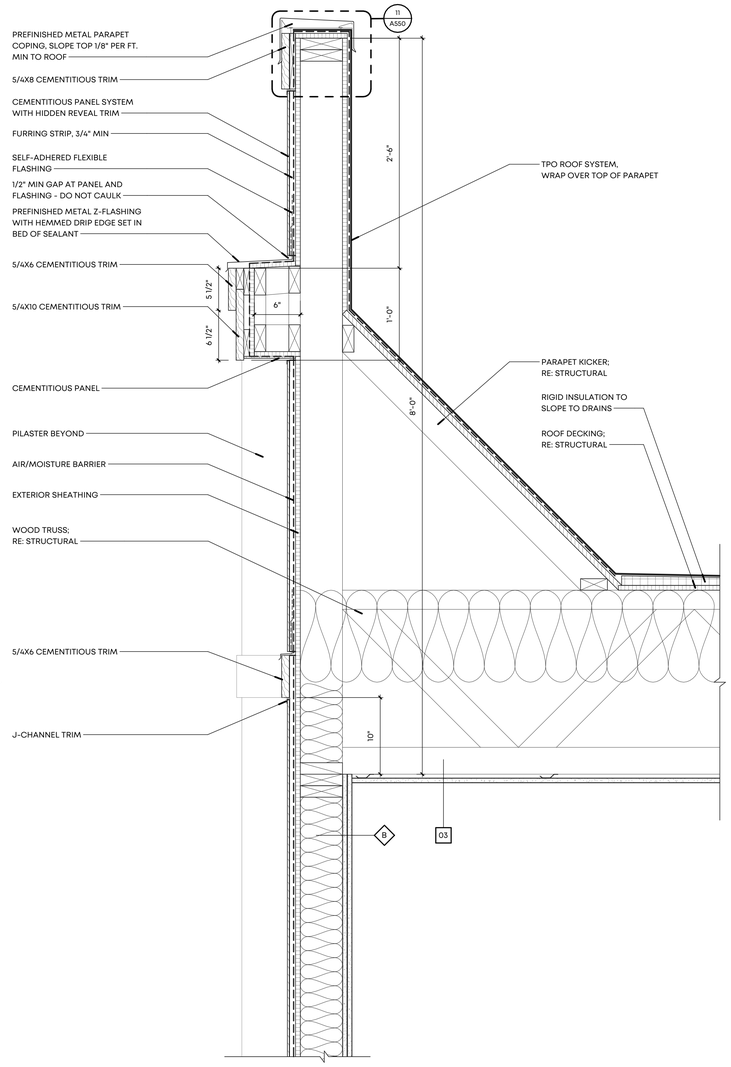


25 TYP. LOW PARAPET

SCALE: 1 1/2" = 1'-0"

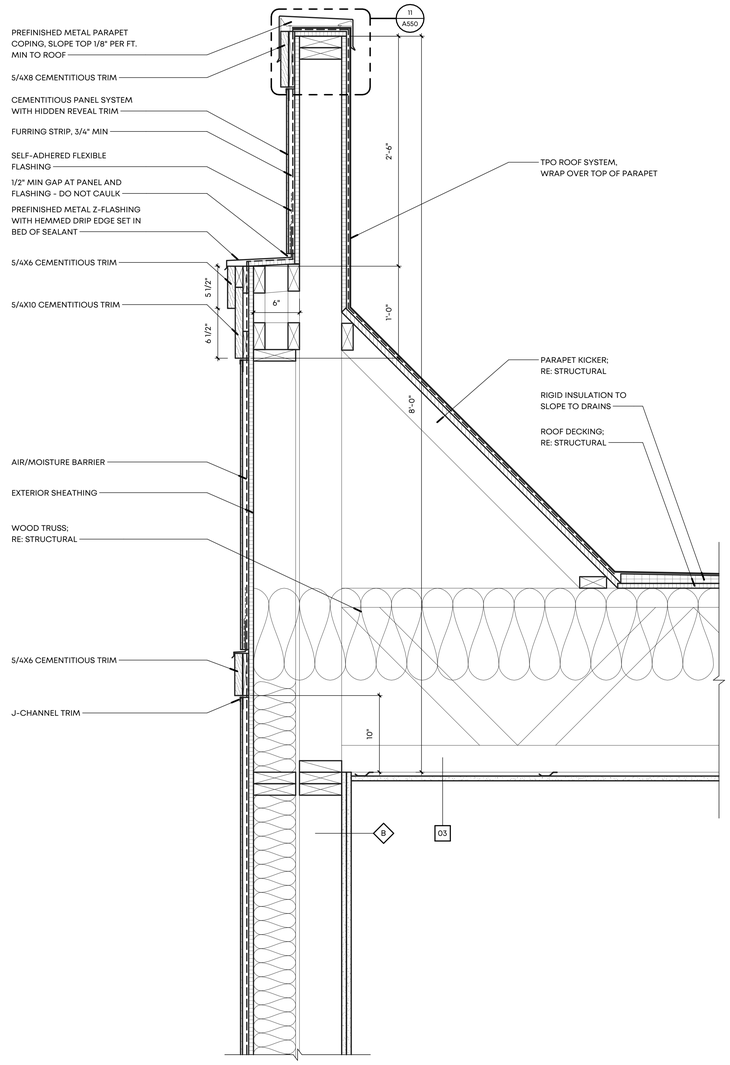
10 PARAPET AT PANEL SIDING- DOUBLE TRIM

SCALE: 3" = 1'-0"



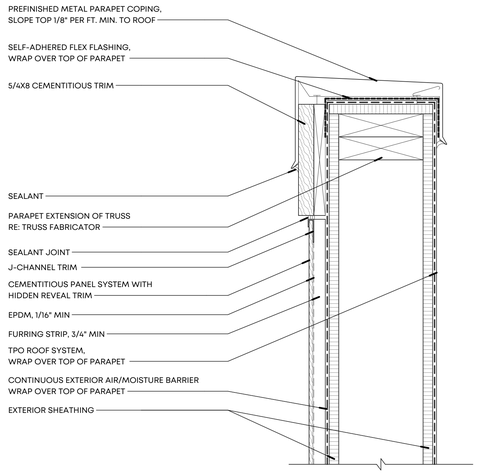
27 TYP. HIGH PARAPET

SCALE: 1 1/2" = 1'-0"



29 HIGH PARAPET AT PILASTER

SCALE: 1 1/2" = 1'-0"



LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

ROOF DETAILS

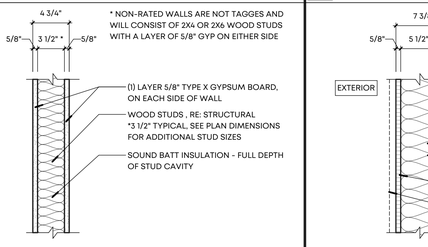
Drawn By: KMS, AW

Checked By: HC

A550

THE FRANCIS - 02.22025.00

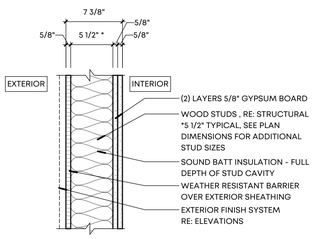
A INTERIOR WALL PARTITION



* NON-RATED WALLS ARE NOT TAGGES AND WILL CONSIST OF 2X4 OR 2X6 WOOD STUDS WITH A LAYER OF 5/8" GYP ON EITHER SIDE

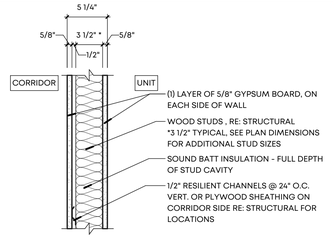
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	UL U305	30-34	GA NO. WP 3605

B EXTERIOR WALL PARTITION



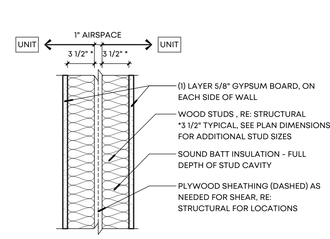
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	UL U371	-	-

C CORRIDOR WALL PARTITION



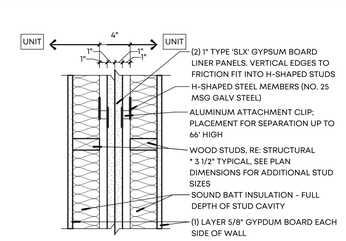
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	UL U309	50-54	@ RESILIENT CHANNEL = GA NO. WP 3241 @ SHEAR WALL = NRCC TLA-04-050

D UNIT DEMISING WALL PARTITION



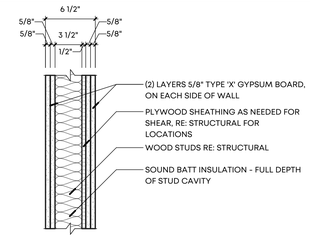
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	UL U341	55-58	NGC 2198/NGC 2191

E 2-HOUR RATED FIRE BARRIER



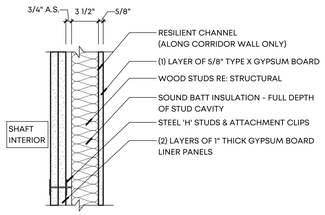
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	UL U336	65-69	RAL TL-10-291

F 2-HOUR RATED WALL PARTITION



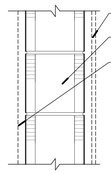
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	UL U301	52	USG-B1021B

G 2-HOUR RATED SHAFT WALL PARTITION



FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	UL U375	55-59	RAL TL10-290

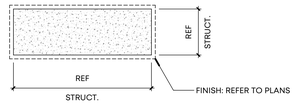
H CMU WALL PARTITION



NOTE: REFER TO STRUCTURAL FOR CMU SIZING, REINFORCING, FILLED CELLS, AND BOND BEAM LOCATIONS

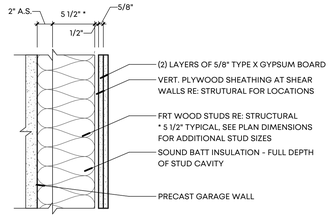
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	IBC TABLE 721.1(2)	-	-

I 2-HOUR PRECAST WALL



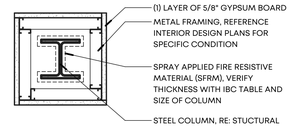
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	-	-	IBC TABLE 722.2.1.1

J PARTITION ADJACENT TO GARAGE



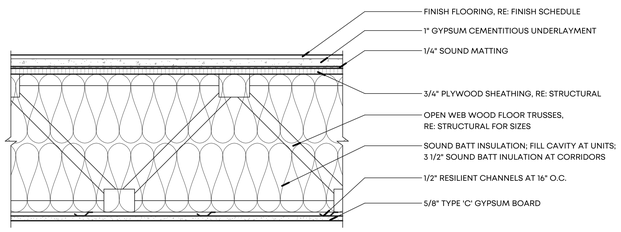
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
-	-	-	-

K RATED STEEL COLUMN



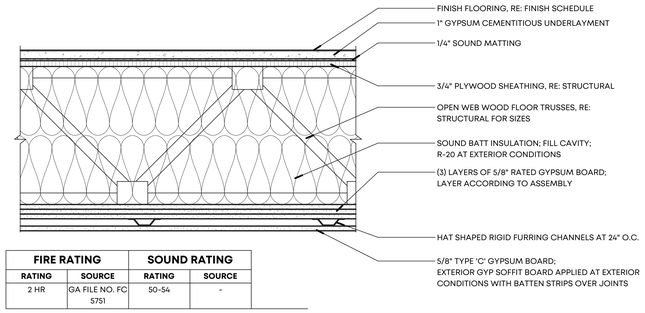
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	IBC TABLE 722.5.1(5)	-	-

01 TYP. 1 HR FLOOR/CEILING ASSEMBLY



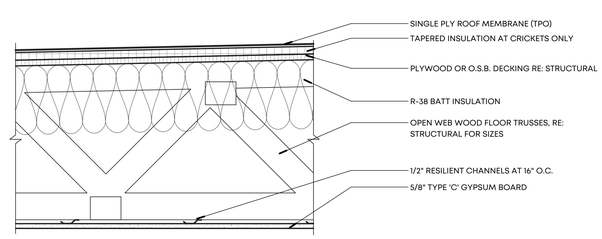
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	L563	58	MAXXON 3018-98, 67280.7 & 67280.4, RAL-TL-97-340

02 2 HR FLOOR/CEILING ASSEMBLY



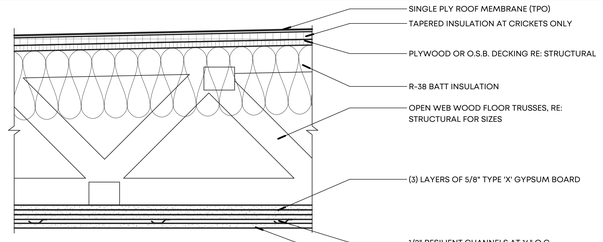
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
2 HR	GA FILE NO. FC 5751	50-54	-

03 1 HR ROOF/CEILING ASSEMBLY



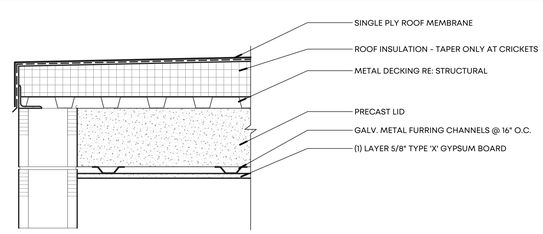
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	P570	-	-

04 2 HR SHAFT ROOF/CEILING ASSEMBLY



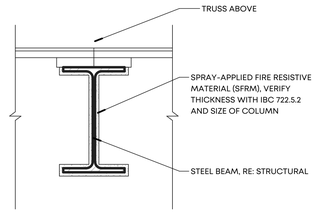
FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	P570	-	-

05 1 HR LID AT GARAGE STAIRS & ELEVATOR



FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	UL GS61	-	-
2 HR	UL GS61	-	-

06 RATED STEEL BEAM



FIRE RATING		SOUND RATING	
RATING	SOURCE	RATING	SOURCE
1 HR	IBC 722.5.2	-	-

5/8/2025 5:17:55 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
4	05.22.24	Design Development Progress
3	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

CONSTRUCTION ASSEMBLIES

Drawn By: KMS

Checked By: HC

A601

THE FRANCIS - 02.22025.00

UL Product iQ®

UL Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

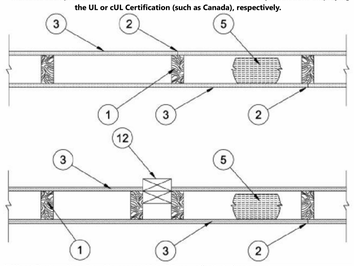
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U305

June 14, 2024

Bearing Wall Rating — 1 Hr
Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3J and 3L.
STC Rating - 56 (See Item 9)
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Wood Studs —** Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. **Joints and Nail-Heads —** Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

3. **Gypsum Board* —** 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Items 6 through 6F, **Steel Framing Members***.
When Items 6, 6B, 6C, 6D, 6E, or 6F, **Steel Framing Members***, are used, gypsum panels attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6A, **Steel Framing Members***, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 7, resilient channels are used, 5/8 in. thick, 4 ft wide gypsum panels applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

AMERICAN GYPSUM CO — Types AGX-1(finish rating 23 min.), M-Glass (finish rating 23 min.), Type AGX-11 (finish rating 26 min), Type AGX-12 (finish rating 22 min), Type LightRoc (finish rating 23 min.) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1 (finish rating 24 min)

CABOT MANUFACTURING ULC — Type X (finish rating 22 min), 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing

CERTAINTEED GYPSUM INC — Type C, Type X-1 (finish rating 26 min); Type EGRG or GlasRoc (finish rating 23 min), GlasRoc-2, Type Habito (finish rating 26 min), Type LWTX (finish rating 18 min), Type LGFC6A (finish rating 34 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX (finish rating 21 min), Type CLLX (finish rating 24 min)

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min), Type ULIX (finish rating 20 min)

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), Type DGG (finish rating 20 min), Type GPTS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), Type DA, Type DAPC, Type LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, Type LWX (finish rating 22 min), Veneer Plaster Base-Type LWX (finish rating 22 min), Water Rated-Type LWX (finish rating 22 min), Sheathing Type-LWX (finish rating 22 min), Soffit-Type LWX (finish rating 22 min), Type DGLW (finish rating 22 min), Water Rated-Type DGLW (finish rating 22 min), Sheathing Type- DGLW (finish rating 22 min), Soffit-Type DGLW (finish rating 22 min), Type LWX (finish rating 22 min), Type LWZX (finish rating 22 min), Veneer Plaster Base - Type LWZX (finish rating 22 min), Water Rated - Type LWZX (finish rating 22 min), Sheathing - Type LWZX (finish rating 22 min), Soffit - Type LWZX (finish rating 22 min), Type DGL2W (finish rating 22 min), Water Rated - Type DGL2W (finish rating 22 min), Sheathing - Type DGL2W (finish rating 22 min)

NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min), Type FSW-8, Type FSLX (finish rating 21 min), Type RSX (finish rating 26 min).

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PG-3W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS, PGS-WRS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11 PG-13 (Nails inserted to 2 in.), Type PG-C or PGI (finish rating 26 min)

PANEL REY S A — Type ARX, GREX, GRIX, PRX, PRC, PRC2; Types RHX, Guard Rey, MDX, ETX (finish rating 22 min), PRX2 (finish rating 21 min)

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1 (finish rating 26 min)

THAI GYPSUM PRODUCTS PCL — Type C, Type X (finish rating 26 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min)

USG BORAL DRYWALL SFZ LLC — Type SGX (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min)

USG BORAL DRYWALL SFZ LLC — Type SHX

USG MEXICO S A DE C V — Type SHX

3D. **Gypsum Board* —** (As an alternate to Item 3) — Type GR-GBX (finish rating 20 min), Type GR-GBX-C (finish rating 20 min), Type GR-GBX-W (finish rating 20 min), Type GR-GBX-WC (finish rating 20 min), Type GR-GBX-WR (finish rating 20 min), Type GR-GBX-WRC (finish rating 20 min), Type GR-GBX-WX (finish rating 20 min), Type GR-GBX-WXC (finish rating 20 min), Type GR-GBX-WXR (finish rating 20 min), Type GR-GBX-WXRC (finish rating 20 min), Type GR-GBX-X (finish rating 20 min), Type GR-GBX-XC (finish rating 20 min), Type GR-GBX-XR (finish rating 20 min), Type GR-GBX-XRC (finish rating 20 min)
GEORGIA-PACIFIC GYPSUM L L C — Type GR-GBX (finish rating 20 min), Type GR-GBX-C (finish rating 20 min), Type GR-GBX-W (finish rating 20 min), Type GR-GBX-WC (finish rating 20 min), Type GR-GBX-WR (finish rating 20 min), Type GR-GBX-WRC (finish rating 20 min), Type GR-GBX-WX (finish rating 20 min), Type GR-GBX-WXC (finish rating 20 min), Type GR-GBX-WXR (finish rating 20 min), Type GR-GBX-WXRC (finish rating 20 min), Type GR-GBX-X (finish rating 20 min), Type GR-GBX-XC (finish rating 20 min), Type GR-GBX-XR (finish rating 20 min), Type GR-GBX-XRC (finish rating 20 min)

3E. **Gypsum Board* —** (As an alternate to Items 3, 3A, 3B, 3C, and 3D) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — Type DGG (finish rating 20 min), GreenGlass Type X (finish rating 23 min)

3F. **Gypsum Board* —** (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) — 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC thereafter.
CGC INC — Type USGX (finish rating 22 min)

UNITED STATES GYPSUM CO — Type USGX (finish rating 22 min.)

USG BORAL DRYWALL SFZ LLC — , Type USGX (finish rating 22 min.)

USG MEXICO S A DE C V — Type USGX (finish rating 22 min.)

3G. **Gypsum Board* —** (As an alternate to Items 3 through 3F) — 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

3H. **Gypsum Board* —** (As an alternate to Items 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
NATIONAL GYPSUM CO — Type SBWB

3I. **Gypsum Board* —** (As an alternate to Items 3 through 3H, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES (finish rating 20 min)

3J. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick paper surfaced applied vertically or horizontally. Gypsum panels secured with 1-1/4 in. Type W coarse thread gypsum panel steel screws spaced a maximum of 12 in. OC.
CERTAINTEED GYPSUM INC — Type SilentFX

3K. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 8 in. OC with the last screw 1 in. from the edge of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min).

3L. **Gypsum Board* —** (As an alternate to Item 3) — For Direct Application to Studs Only — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RAY-BAR ENGINEERING CORP — Type R8-L8G (finish rating 24 min)

3M. **Gypsum Board* —** (As an alternate to Items 3) — For Direct Application to Studs Only — For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

3N. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick, 4 ft. wide, applied horizontally or vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 3 or 3A.
CERTAINTEED GYPSUM INC — Easi-Lite Type X (finish rating 24 min), Easi-Lite Type X-2 (finish rating 24 min)

3O. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 3, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527 (finish rating 24 min).

3P. **Gypsum Board* —** (As an alternate to Item 3, Not Shown) — Two layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by wood studs. Horizontal joints on the same side between face and base layers need not be staggered. Base layer gypsum panels fastened to studs with 1-1/4 in. long drywall nails spaced 8 in. OC. Face layer gypsum panels fastened to studs with 1-7/8 in. long drywall nails spaced 8 in. OC starting with a 4" stagger.
NATIONAL GYPSUM CO — Type FSW (finish rating 25 min)

3Q. **Gypsum Board* —** (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CERTAINTEED GYPSUM INC — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3R. **Gypsum Board* —** (As an alternate to Item 3. For use with Item 5H) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied either horizontally or vertically, and screwed to panels with 1-5/8 in. long Type W coarse thread steel screws at 8 in. OC at perimeter and in the field with the last two screws 4 and 3/4 in. from the edges of the board when applied as the base layer. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3S. **Gypsum Board* —** 3/4 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels secured as described in Item 3 with nail length increased to 2 in.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13

3T. **Wall and Partition Facings and Accessories* —** (As an alternate to 5/8 in. thick board as outlined in Item 3) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545

3U. **Gypsum Board* —** (As an alternate to Item 3 - For use with Foamed Plastic products, Item 5J) — 5/8 in. thick, 4 ft. wide, applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.
AMERICAN GYPSUM CO — Types AGX-1

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X

CERTAINTEED GYPSUM INC — Type X

CGC INC — Type SCX

PANEL REY S A — Type ARX, PRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X

UNITED STATES GYPSUM CO — Types SCX and SGX

USG BORAL DRYWALL SFZ LLC — Types SCX and SGX

USG MEXICO S A DE C V — Type SCX

3V. **Gypsum Board* —** (As an alternate to Item 3. For use with Item 5K) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field.

3W. **Gypsum Board* —** (As an alternate to Item 3. For use with Item 5L) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type W screws spaced 8 in. OC at perimeter and in the field.

4. **Steel Corner Fasteners —** (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. **Batts and Blankets* —** (Optional — Required when Item 6A is used (RC-1)) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.
CERTAINTEED CORP

JOHNS MANVILLE

KNAUF INSULATION LLC

MANSON INSULATION INC

ROCKWOOL — Types Acoustical Fire Batts and Type AFB, min. density 1.69 pcf / 27.0 kg/m^3

ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts

ROCK WOOL MANUFACTURING CO — Delta Board

THERMAFIBER INC — Type SAFB, SAFB FF

5A. **Fiber, Sprayed* —** (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. When Item 6B is used, Fiber, Sprayed shall be SANCTUARY.

Applegate Greenfiber Acquisition LLC — Insulmax and SANCTUARY for use with wet or dry application.

5B. **Fiber, Sprayed* —** (Not Shown - Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

5C. **Batts and Blankets* —** Required for use with resilient channels, Item 7, 3 in. thick mineral wool batts, friction-fitted to fill interior of wall.
THERMAFIBER INC — Type SAFB, SAFB FF

5D. **Glass Fiber Insulation —** (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the interior of the wall. See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

5E. **Batts and Blankets* —** (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

5F. **Fiber, Sprayed* —** (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D) — As an alternate to Batts and Blankets (Item 5) and Item 5A - Spray applied granulated mineral fiber material. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

5G. **Fiber, Sprayed* —** (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D). — As an alternate to Batts and Blankets (Item 5) and Item 5A - Brown Colored Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed stud cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celber-Rt.

5H. **Foamed Plastic* —** (Optional -For use with Item 3R) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
Holcim Solutions and Products US, LLC — Nexseal™ 2.0 or Nexseal™ 2.0 LE Spray Foam and Sucraseal Spray Foam.

5I. **Fiber, Sprayed* —** (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft^3.

Applegate Greenfiber Acquisition LLC— Applegate Advanced Stabilized Cellulose Insulation

5J. **Foamed Plastic* —** (Optional, Not Shown - For use with Item 3U) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
HOLCIM SOLUTIONS AND PRODUCTS US, LLC — Types GacoEZSpray F4500, GacoProFill FR6500R, Gaco 052N, GacoOnePass F1850, GacoOnePass Low GWP F1880, and Gaco WallFoam 183M

5K. **Foamed Plastic* —** (Optional, Not Shown - For use with Item 3V) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamulate Closed Cell, Foamulate OCX, Foamulate 70, and Foamulate HFO.

5L. **Foamed Plastic* -** (Optional, Not Shown – For use with Item 3W) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

BASF CORP – Types Enertite® NM, Enertite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US, Walltite® US-N, Walltite® HP+, Spraytite® Comfort XL, Walltite® XL, , Walltite® MAX, Walltite® LWP, Walltite® Plus and Enertite® Max

6. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

6A. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members on one side of studs as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Aa) to one side of studs only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

6B. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6C. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with No. 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

6D. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with a double strand of No. 18 AWG twisted steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Da) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

6E. **Steel Framing Members* —** (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC - Type RC+ Assurance Clip

6F. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Fa) to studs. Clips spaced 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

6G. **Steel Framing Members* —** (Optional, Not Shown) — Used as an alternate method to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 16 in. O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.
PAC INTERNATIONAL L L C — Type RC-1 Boost

7. **Furring Channel —** Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required.

8. **Caulking and Sealants —** (Not Shown, Optional) — A bead of acoustical sealant applied around the partition perimeter for sound control.

9. **STC Rating —** The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:

A. Item 2, above — Nailheads Shall be covered with joint compound.

B. Item 2, above — Joints As described, shall be covered with fiber tape and joint compound.

C. Item 5, above — Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.

D. Item 6, above — Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.

E. Item 8, above — Caulking and Sealants (Not Shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.

F. Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items

UL Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

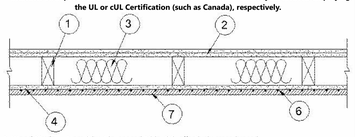
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U371

October 02, 2019

Bearing Wall Rating — 2 Hr.
Finish Rating — 41 Min.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Wood Studs —** Nom 2 by 4 in. spaced 16 in. OC, effectively cross-braced.

2. **Gypsum Board* —** 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with 1-1/4 in. long Type S steel screws spaced 12 in. OC. Outer layer attached to studs over inner layer with 2 in. long Type S steel screws spaced 12 in. OC offset 6 in. from base layer. Vertical joints located over studs. Vertical and horizontal joints between inner and outer layers staggered. Outer layer joints covered with joint tape and compound, nailheads covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Wallboard other than 48 in. wide must be applied horizontally.
NATIONAL GYPSUM CO — Types FSK, FSK-C, FSK-G, FSW, FSW-3, FSW-8, FSW-C, FSW-G, FSMR-C, FSL, Type SBW8.

3. **Batts and Blankets* —** Min 3 in. thick mineral wool batt insulation friction fit between studs.
THERMAFIBER INC — Type SAFB

ROCKWOOL — Type AFB, min. density 1.8 pcf / 28.8 kg/m^3; Type SAFEnSOUND, min. density 1.8 pcf / 28.8 kg/m^3.

4. **Gypsum Board* —** 5/8 in. thick exterior gypsum sheathing, 48 in. wide sheets. Attached directly to studs horizontally or vertically with 1-3/4 in. long, 11d, 7/16 in. diam flathead galv roofing nails spaced 8 in. OC or 2 in. long Type S steel screws spaced 8 in. OC. When wood structural panel sheathing (Item 5) is used gypsum sheathing to be installed over wood structural panel sheathing. Gypsum sheathing attached to studs, through wood sheathing, horizontally or vertically with 2-1/4 in. long, 11d, 7/16 in. diam flathead galv roofing nails spaced 8 in. OC or 2-1/2 in. long Type S steel screws spaced 8 in. OC. Vertical joints located over studs and staggered between adjacent rows.
NATIONAL GYPSUM CO — Types FSK, FSMR-C, FSW, FSW-3, FSW-6, FSW-8

5. **Wood Structural Panel Sheathing —** (Optional, Not Shown, for use with Item 4) - Nom 15/32 in. thick, 4 ft wide, min grade "C-D" or "Sheathing". Installed with long dimension of sheet (strength axis) or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs.

6. **Prefurred Stucco Netting —** Nom 1-1/2 in. by 1-1/2 in., min 17 MSG galvanized steel netting applied over gypsum sheathing to wood studs with 1-1/4 in. by 1 in. steel staples spaced 7 in. OC. (Note If optional wood structural panel sheathing is used, fastener length must be increased such that penetration into framing members shall be not less than 3/4 in.)

6A. **Metal Lath —** As an option to the stucco netting, min 1.7 lb/sq yd expanded steel lath fastened to the wood studs through the gypsum sheathing with 1-1/4 in. long Type S lath head steel screws spaced 7 in. OC. (Note If optional wood structural panel sheathing is used, fastener length must be increased such that penetration into framing members shall be not less than 3/4 in.).

7. **Stucco —** Portland cement type stucco mixed at a rate of 3 parts sand to 1 part portland cement to 1.7 liters water. Thickness of stucco to be min 3/4 in. as measured to face of netting or lath.

7A. **Brick Veneer —** As an alternative to Items 6 and 7, any type of 4 in. wide brick may be used. Brick veneer fastened with corrugated metal wall ties attached over sheathing to wood studs with 1-1/4 in. Type S steel screws spaced not more than each forth course and a max 24 in. OC horizontally. (Note If optional wood structural panel sheathing is used, fastener length must be increased such that penetration into framing members shall be not less than 3/4 in.)

8. **Cementitious Backer Units* —** (As an alternate to items 6 and 7 - Not Shown - For Use with item 9 on Face of 2 Hr Systems With All Standard Items Required) - 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide. Applied vertically or horizontally with vertical joints centered over studs. Face layer fastened over gypsum board to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC.
NATIONAL GYPSUM CO — Type DuraBacker, or PermaBase.

9. **Wall and Partition Facings and Accessories* —** (Optional — Not Shown - For Use On Face of 2 Hr Systems With All Standard Items Required) — Adhered stone veneer is mortar bonded to a lath, scratch coat and water resistant barrier, or installed over Cementitious Backer Units (Item 8) in accordance with the manufacturers installation instructions, and meeting the requirements of local code agencies.
ELDORADO STONE OPERATIONS L L C — Type Eldorado Stone

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2022-06-01

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

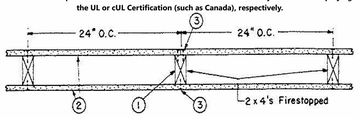
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

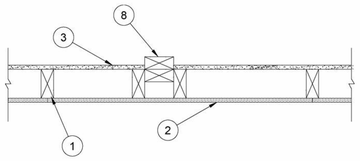
Design No. **U309**

January 30, 2024

Bearing Wall Rating — 1 Hr.
Finish Rating — See Items 2, 2A and 2B
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





1. **Wood Studs —** Nom 2 by 4 in., spaced 24 in. OC effectively firestopped.

2. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, applied either horizontally or vertically, nailed to studs and bearing plates with 6d cement coated nails min. 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. Finish Rating 27 Min. When used in widths other than 48 in., gypsum board to be installed horizontally.
When **Steel Framing Members*** (Items 5 or any alternate clips) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When Item 6, resilient channels are used, 5/8 in. thick, 4 ft wide applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs.

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type BlueglassExterior Sheathing

CERTAINTEED GYPSUM INC — Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C, Type LWTX

CERTAINTEED GYPSUM INC — Types LGFC6A, LGFC2A, LGFC-C/A, LGCF-WD, LGLLX, CLLX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W

NATIONAL GYPSUM CO — Types -eXP-C, FSK, FSK-C, FSW, FSW-3, FSW-5, FSW-C, FSW-G, FSMR-C, FSW-6 (finish rating 20 min), FSL, FSW-8, RSX

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-9, PG-11, PG-C, PGS-WRS, PGI

PANEL REY S A — Types GREX, GRIX, PRC, PRC2, PRX, RHX, MDX, ETX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X, Type C

2A. **Gypsum Board* —** (As an alternate to Item 2, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically to studs and bearing plates on one side of the assembly with 1-5/8 in. long Type S screws spaced 12 in. OC at perimeter of panels and 8 in. OC in the field. Horizontal joints of vertically applied panels need not be backed by studs. Panel joints covered with paper tape and two layers of joint compound. Screwheads covered with two layers of joint compound. Batts and Blankets placed in stud cavity as described in Item 4E. Not evaluated for use with Steel Framing Members, Furring Channels or Fiber, Sprayed.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 530 (finish rating 23 min)

2B. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last two screws 1 and 4 in. from edge of board or nailed to studs and bearing plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads spaced 7 in. OC. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X (finish rating 23 min).

2C. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 2.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

NATIONAL GYPSUM CO — Type SBW8

2D. **Gypsum Board* —** (As an alternate to Items 2 through 2C) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

2E. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically or horizontally and secured with 1-1/4 in. Type W coarse thread gypsum panel steel screws spaced a maximum of 12 in. OC.
CERTAINTEED GYPSUM INC — Type SilentFX

2F. **Gypsum Board* —** (As an alternate to 5/8 in. Type FSW in Item 2) — 2 layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal joints on the same side need not be staggered. Inner layer attached with fasteners, as described in item 2, spaced 24 in. OC. Outer layer attached per Item 2.
NATIONAL GYPSUM CO — Type FSW

2G. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick, 4 ft. wide, applied vertically or horizontally with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 2 or 2K.
CERTAINTEED GYPSUM INC — 5/8" Easi-Lite Type X

THAI GYPSUM PRODUCTS PCL — 5/8" Easi-Lite Type X

2H. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 2) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

2I. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CERTAINTEED GYPSUM INC — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

2J. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing as described in Item 2 or with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally. When square edge boards are used joint treatment, Item 3, may be omitted.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C

NATIONAL GYPSUM CO — Type FSK, Type FSK-G, Type FSW, Type FSW-3, Type FSW-5, Type FSW-G, Type FSK-C, Type FSW-C, Type FSMR-C, Type FSW-6, Type FSL

2K. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1/2 in. from edge of board. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
CERTAINTEED GYPSUM INC — Type X-1, Types EGRG, GlasRoc, GlasRoc-2, Type C

3. **Joints and Fastener Heads —** Wallboard joints covered with paper tape and joint compound. Fastener heads covered with joint compound. Gypsum plaster not more than 1/8 in. thick may be applied over the wallboard in addition to the specified joint treatment.

4. **Batts and Blankets* —** (Not Shown) — Optional glass fiber insulation.
CERTAINTEED CORP

JOHNS MANVILLE

OWENS CORNING

4A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. When Item 5 is used, Fiber, Sprayed shall be SANCTUARY.

Applegate Greenfiber Acquisition LLC — SANCTUARY for use with wet or dry application. Insulmax is to be used for dry application only

4B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

4C. **Batts and Blankets* —** Required for use with resilient channels, Item 6, 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 4 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFEnSOUND, min. 1.69 pcf.

THERMAFIBER INC — Type SAFB, SAFB FF

4D. **Glass Fiber Insulation —** (As an alternate to Item 4C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall, attached to the 4 in. face of the studs with staples placed 24 in. OC. See **Batts and Blankets** (BKNV or BZJZ) Catagories for names of Classified companies.

4E. **Batts and Blankets* —** (Required for use with Wall and Partition Facings and Accessories, Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less; friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

4F. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 4) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

4G. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 4) — Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft^3.

Applegate Greenfiber Acquisition LLC— Applegate Advanced Stabilized Cellulose Insulation

5. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 3-9/16 in. wide furring channels, RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

5A. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

5B. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item 5Ba) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

5C. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 5Cb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 5Ca) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 × 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

5D. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 5Da) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

5E. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Used as an alternate method to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 24 in. O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.
PAC INTERNATIONAL L L C — Type RC-1 Boost

5F. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 5) — Furring channels and Steel Framing Members as described below:
a **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b **Steel Framing Members* —** Used to attach furring channels (Item 5Fa) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

6. **Furring Channel —** Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 4C or 4D is required.

7. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. **Non-Bearing Wall Partition Intersection —** (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

9. **Mineral and Fiber Board* —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9A. **Mineral and Fiber Board* —** (Optional, Not Shown) — For use with Items 9B-9E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9B. **Glass Fiber Insulation —** (For use with Item 9A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

9C. **Batts and Blankets* —** (As an alternate to Item 9B, For use with Item 9A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFEnSOUND, min. 1.69 pcf.

THERMAFIBER INC — Type SAFB, SAFB FF

9D. **Adhesive —** (For use with Item 9A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 9A).

9E. **Gypsum Board* —** (For use with Item 9A) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 9A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 9A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CERTAINTEED GYPSUM INC — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.

PANEL REY S A — Types PRC, PRC2

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

9F. **Mineral and Fiber Board —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 2). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 2) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
BLUE RIDGE FIBERBOARD INC — SoundStop

10. **Wall and Partition Facings and Accessories* —** (CLBV) (Optional, Not Shown) — For use with Item 1, Item 2, Item 3, Items 4, and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 2), install ReflexXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When ReflexXor membrane is used an additional layer of Gypsum Board that is identical to the first layer and as specified in Item 2 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 2 except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 4.

On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 6. Over the Resilient Channel install 3/4 inch thick SONOpan panel secured to the Resilient Channel with min. 1-1/4 in. long drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 2 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

Alternately, on the other side of the wall prior to the installation of the Gypsum Board (Item 2), install 3/4 in. thick SONOpan panels, secured to one side of studs either horizontally or vertically. Panels secured to each stud with min. 1-1/4 in. long drywall screws spaced 12 in. OC. Over the SONOpan, install 25 MSG galv. steel, Resilient Channels, spaced vertically 24 in. OC. Resilient Channels fastened through panels to each stud with min. 2 in. long drywall screws or self-tapping screws. Over the Resilient Channels install Gypsum Board as specified in Item 2 with drywall screws as specified in Item 2. Panels not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — ReflexXor membrane, SONOpan panel

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2024-01-30

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. **U341**

January 31, 2024

Bearing Wall Rating — 1 Hr.
Finish Rating — Min 20 min.
**This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employ

thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

CERTAINTEED GYPSUM INC — Type C or Type X-1

NATIONAL GYPSUM CO — Type FSK, Type FSK-G, Type FSW, Type FSW-3, Type FSW-5, Type FSW-G, Type FSK-C, Type FSW-C, Type FSMR-C, Type FSW-6, Type FSL

THAI GYPSUM PRODUCTS PCL — Type C or Type X

2D. **Gypsum Board* —** (As an alternate to Items 2, 2A, 2B and 2C) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed as described in Item 2. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.
GEORGIA-PACIFIC GYPSUM L L C — GreenGlass Type X, Type DGG.

2E. **Gypsum Board* —** (As an alternate to Items 2 through 2D) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically only and secured as described in Item 2.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board.

2F. **Gypsum Board* —** (As an alternate to Items 2 through 2E) - Installed as described in Item 2. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically only and fastened to the studs and plates with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads, 7 in. OC. Not for use with item #6.
NATIONAL GYPSUM CO — Type SBWB

2G. **Gypsum Board* —** (As an alternate to Items 2 through 2F) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types QuietRock ES.

2H. **Gypsum Board* —** (As an alternate to Items 2 through 2G) — Installed as described in Item 2. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically or horizontally fastened to the studs and plates with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 12 in. OC.
CERTAINTEED GYPSUM INC — Type SilentFX

2I. **Wall and Partition Facings and Accessories* —** (As an alternate to Items 2 through 2H) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 2.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527.

2J. **Gypsum Board* —** (As an alternate to 5/8 in. Type FSW in Item 2) — 2 layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal joints on the same side need not be staggered. Inner layer attached with fasteners, as described in item 2, spaced 24 in. OC. Outer layer attached per Item 2.
NATIONAL GYPSUM CO — Type FSW.

2K. **Gypsum Board* —** (As an alternate to Item 2) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CERTAINTEED GYPSUM INC — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3. **Joints and Nailheads —** Gypsum board joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with joints reinforced with paper tape.

4. **Sheathing —** (Optional) — Septum may be sheathed with min 7/16 in. thick wood structural panels min grade "C-D" or "Sheathing" or min 1/2 in. thick **Mineral and Fiber Boards***.
See **Mineral and Fiber Boards** (CERZ) category for names of Classified companies.

5. **Batts and Blankets* —** 3-1/2 in. max thickness glass or mineral fiber batt insulation. **Optional** when sheathing (Item 4) is used on both halves of wall.
See **Batts and Blankets** (BZJZ) category for list of Classified companies.

5A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product.

Applegate Greenfiber Acquisition LLC — Insulmax and SANCTUARY for use with wet or dry application.

5B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 5) when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

5C. **Batts and Blankets* —** (Required for use with Wall and Partition Facings and Accessories, Item 2A. Use of Sheathing, Item 4, does not nullify requirement of Item 5C for use with Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

5D. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 5) and Item 5A when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft^3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

5E. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 5) - Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the face of the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft^3.

Applegate Greenfiber Acquisition LLC— Applegate Advanced Stabilized Cellulose Insulation

6. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
A. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 2.

B. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs (Item 1) . Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

6A. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
PLITEQ INC — Type Genie Clip

6B. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

6C. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6Cb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 2.

B. **Steel Framing Members* —** Used to attach furring channels (Item 6CA) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

6D. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 2.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 6Da) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

6E. **Steel Framing Members* —** (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —**Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to resilient channels as described in Item 2.

b. **Steel Framing Members*** - Used to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels to the studs. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the studs with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.

PAC INTERNATIONAL L L C — Type RC-1 Boost

6F **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
a **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.

b **Steel Framing Members* —** Used to attach furring channels (Item 6Fa) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

7. **Wall and Partition Facings and Accessories* —** (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. **Mineral and Fiber Board* —** ((Optional, Not Shown) — For optional use as an additional layer on one or both sides of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing as described in Item 2. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9. **Non-Bearing Wall Partition Intersection —** (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC, vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC, vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

(Optional, Not Shown) Alternate Construction For Use On One Side Of The Wall.

10. **Mineral and Fiber Board* —** For use with Items 10A-10D) —Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

10A. **Glass Fiber Insulation —** (For use with Item 10) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.

10B. **Batts and Blankets* —** (As an alternate to Item 10B, For use with Item 10), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.
THERMAFIBER INC — Type SAFB, SAFB FF

10C. **Adhesive —** (For use with Item 10) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 14A).

10D. **Gypsum Board* —** (For use with Item 10) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 10). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.
AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type C

CERTAINTEED GYPSUM INC — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types S, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO —Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2024-01-31

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reproduced from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

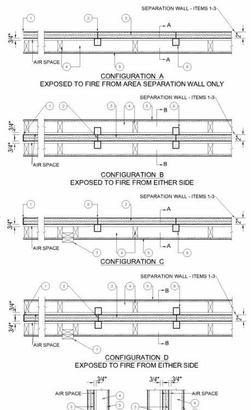
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

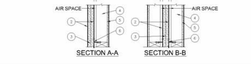
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

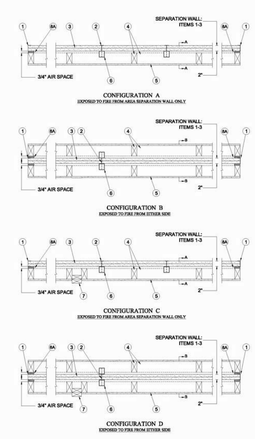
Design No. U336

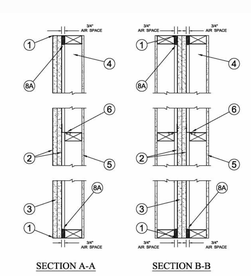
February 16, 2022

Exposed to fire from separation Wall side only
Nonbearing Wall Rating — 2 Hr (Separation Wall, See Items 1, 2 and 3)
Bearing Wall Rating - 2 Hr (Protected Wall, See Items 4 and 4A)
Nonbearing Wall Rating - 2 Hr (Protected Wall, See Item 4B)
Finish Rating — 120 Min
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**









SEPARATION WALL: (Max Height - 66 ft)

1. **Floor, Intermediate or Top Wall —** 2 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.

2. **Metal Studs —** Steel members formed from No. 25 MSG galv steel having "H" -shaped flanged spaced 24 in. OC; overall depth 2 in. and flange width 1-3/8 in.

3. **Gypsum Board* —** Two layers of 1 in. thick gypsum board liner panels, supplied in nom 24 in. widths. Vertical edges of panels friction fitted into "H" -shaped studs.
CGC INC — Type SLX

UNITED STATES GYPSUM CO — Type SLX

USG BORAL DRYWALL SFZ LLC — Type SLX

USG MEXICO S A DE C V — Type SLX

PROTECTED WALL: (Bearing or Nonbearing Wall). When Bearing, Load Restricted for Canadian Applications — See Guide BXUV7.

4. **Wood Studs —** Nom 2 by 4 in. max spacing 24 in. OC. Studs cross braced at mid-height where necessary for clip attachment. Min 3/4 in. separation between wood framing and fire separation wall.

4A. **Steel Studs —** (As an alternate to Item 4, Not Shown) — For Bearing Wall Rating - Corrosion protected steel studs, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min 3-1/2 in. wide, min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications. Top and bottom tracks shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.

4B **Steel Studs —** As an alternate to Items 4 and 4A, for use in Configuration B only, Not Shown) — For Nonbearing Wall Rating - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-1/2 in. wide, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. Top and bottom tracks shall be channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.

5. **Gypsum Board —** Classified or Unclassified — Min 1/2 in. thick, 4 ft wide, applied either horizontally or vertically. Gypsum board attached to studs with 1-1/4 in. long steel drywall nails spaced 8 in. OC. Vertical joints located over studs. (Optional) Joints covered with paper tape and joint compound. Nail heads covered with joint compound.

6. **Attachment Clips —** Aluminum angle, 0.063 in. thick, 2 in. wide with 2 in. and 2-1/4 in. legs. Clips secured with Type S screws 3/8 in. long to "H" studs and with Type W screws 1-1/4 in. long to wood framing through holes provided in clip.

6A. Clip placement (Item 6) for separation walls up to 23 ft high. Space clips a max of 10 ft OC vertically between wood framing and "H" studs.

6B. Clip placement (Item 6) for separation walls up to 44 ft high. Space clips as described in Item 6A for upper 24 ft. Remaining wall area below requires clips spaced a max 5 ft OC vertically between wood framing and "H" studs.

6C. Clip placement (Item 6) for separation walls up to 66 ft high: Space clips as described in Item 6A for upper 24 ft. Space clips as described in item 6B for next 20 ft. below the upper 24 ft. Remaining wall area below requires clips spaced a max of 40 in. OC vertically between wood framing and "H" studs.

7. **Non-Bearing Wall Partition Intersection —** (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC, vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC, vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the wall.

8. **Caulking and Sealants* —** (Optional - Intended for use as an air barrier - Not evaluated as fireblocking) A bead of sealant applied around the partition perimeter, and at the interface between wood or steel framing and gypsum board panels to create an air barrier.
KNAUF INSULATION LLC — Type ECOSEAL™ Plus

8A. **Caulking and Sealants* —** (Optional - Intended for use as an air barrier - Not evaluated as fireblocking) - A bead of sealant applied around the partition perimeter in the 3/4 in. air space between wood framing (Item 4) and shaftliner panels (Item 3) to create an air barrier.
DUPONT DE NEMOURS, INC. — Great Stuff Gaps & Cracks, Great Stuff Pro Gaps & Cracks, Great Stuff Pro Window & Door

ICP CONSTRUCTION INC— Fireblock, Window & Door, Insulating Foam Sealant, Multi-Purpose, HC Sealants, Black Foam Sealant, Extreme, Window & Door Extreme, Fast Foam, Gun Foam, and Straw Foam

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2022-02-16

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reproduced from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

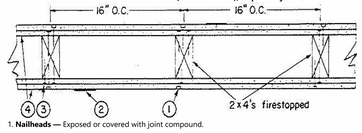
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U301

June 14, 2024

Bearing Wall Rating — 2 Hr.
Finish Rating — 66 Min.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Nailheads —** Exposed or covered with joint compound.

2. **Joints —** Exposed joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape.

3. **Nails —** 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam, 1/4 in. diam heads, and 8d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam heads.

4. **Gypsum Board* —** 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced 6 in. OC. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. OC. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
When used in widths other than 48 in., gypsum board to be installed horizontally.

When **Steel Framing Members*** (Item 6 or any alternate clips) are used, base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced max 24 in. OC; face layer attached with 1-5/8 in. long Type S bugle-head steel screws spaced max 12 in. OC.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, AGX-11, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing

CERTAINTEED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Type LWTX

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, ULX, USGX, WRC, WRX

CERTAINTEED GYPSUM INC — Types LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD, LGLLX, CLLX

GEORGIA-PACIFIC GYPSUM L L C — Types S, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6. LS, TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, GreenGlass Type X, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSW-C, FSW-G, FSMR-C, FSL, RSX

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-2, PG-3, PG-3W, PG-4, PG-5, PG-5W, PG-5WS, PG-9, PG-11, PG-C, PGS-WRS, PGI

PANEL REY S A — Types PRC, PRC2, PRX, RHX, MDX, ETX, GREX, GRIX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type C or Type X

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, ULX, USGX, WRC, WRX

USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

4A. **Gypsum Board* —** (As an alternate to Item 4) — Nom 3/4 in. thick, installed as described in Item 4.
CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

4B. **Gypsum Board* —** (As an alternate to Items 4 and 4A) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.
CGC INC — Type SHX

UNITED STATES GYPSUM CO — Type SHX

USG MEXICO S A DE C V — Type SHX

4C. **Gypsum Board* —** (As an alternate to Items 4, 4A or 4B — Not Shown) — For Direct Application to Studs Only- For use on one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, F4L-one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting

4R. **Gypsum Board* —** As an Alternate to Item 4 — 5/8 in. thick applied either horizontally or vertically. Inner layers fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. Outer layers fastened to framing with 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
CERTAINTEED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Easi-Lite Type X, SilentFX

4S. **Gypsum Board* —** (As an alternate to Item 4. For use with Item 13A) — 5/8 in. thick, two layers applied vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced 6 in. OC. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. OC. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
AMERICAN GYPSUM CO — Types AGX-1

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — "5/8 Type X"

CGC INC — Type SCX

PANEL REY S A — Type PRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X

UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC — Types SCX

USG MEXICO S A DE C V — Type SCX

4T. **Gypsum Board* —** (As an alternate to Item 4. For use with Item 13B) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. All joints in outer layers staggered with joints in inner layers. Inner layer attached to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Outer layer attached to studs over inner layer with the 2-1/2 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC.

4U. **Gypsum Board* —** (As an alternate to Item 4. For use with Item 13C) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. All joints in outer layers staggered with joints in inner layers. Inner layer attached to studs with 1-1/4 in. long Type W screws spaced 8 in. OC at perimeter and in the field. Outer layer attached to studs over inner layer with 1-7/8 in. long Type W screws spaced 8 in. OC.

5. **Molded Plastic* —** Not Shown, Optional — Solid vinyl siding mechanically secured over the outer layer to framing members in accordance with manufacturer's recommended installation details.
ALSIDE, DIV OF ASSOCIATED MATERIALS INC

GENTEK BUILDING PRODUCTS LTD

VYTEC CORP

6. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
A. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 4.

B. **Steel Framing Members* —** Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

6A. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

B. **Steel Framing Members* —** Used to attach furring channels (Item 6Aa) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

6B. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6Bb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

B. **Steel Framing Members* —** Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC., and secured to studs with 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

6C. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) —Resilient channels and Steel Framing Members as described below:
a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

6D. **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Used as an alternate method to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 24 in. O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.
PAC INTERNATIONAL L L C — Type RC-1 Boost

6E **Steel Framing Members* —** (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
a **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members* —** Used to attach furring channels (Item 6Ea) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

7. **Furring Channel —** Optional — Not Shown — For use on one side of the wall with Item 4K — Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Item 8 or 9 is required.

8. **Batts and Blankets* —** Required for use with resilient channels, Item 7, min. 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the nom 4 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFEnSOUND, min. 1.8 pcf.

THERMAFIBER INC — Type SAFB, SAFB FF

9. **Batts and Blankets* —** (As an alternate to Item 8) — Min. 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the stud cavities. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

9A. **Fiber, Sprayed* —** (Optional) — As an alternate to Batts and Blankets (Item 8), Required for use with resilient channels, Item 7, Not for use with Item 6, 6A, 6B, or 6C. — Spray applied mineral wool insulation. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

10. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 or QR-510

11. **Cementitious Backer Units* —** (Optional Item Not Shown — For Use On Face Of 2 Hr Systems With All Standard Items Required) — 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide. Applied horizontally or vertically with vertical joints centered over studs. Face layer fastened over gypsum board to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC.
NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) - When the Wall Assembly is used as an External Wall, on the External side of the wall one of the following Wall and Partition and Facing Accessories may be used, refer to items (A) to (C) below.
A. **Non Insulated system with metal channels —** Install moisture barrier over the Gypsum Board Item 4 and Install Acry Metal Channels vertically at a horizontal spacing not greater than 24 inches OC., over the moisture barrier. Acry Metal Channels attached through the moisture barrier and the Gypsum Board to the Wood Studs using fasteners specified by the manufacturer and fasteners spaced max., 24 in. OC. Install Acrytec Panels on Acry Metal Channels using 1-1/4" long corrosion coated stainless steel screws spaced at a max spacing of 24 inches OC, along with manufacturer's approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels shall be Tremco illmod 600 pre compressed polyurethane foam sealant.

B. **Insulated system with metal channels —** Install moisture barrier over the Gypsum Board Item 4. Install galvanized Z girt channels specified by the manufacturer over the moisture barrier and the Gypsum Board Item 4. Z girt channels to be installed horizontally at a max. spacing of 24" OC. Z girt channels attached through the Gypsum Board and the moisture barrier to the wood studs with screws provided by the manufacturer at a max spacing of 24 inches OC. Install mineral wool insulation between the Z girts. Maximum thickness of mineral wool insulation not to exceed 6 in. As per manufacturer's instructions install Acry Metal Channels vertically over the Z girts at a max horizontal spacing of 24 in. OC. Acrytec Panels installed on Acry channel with 1-1/4" long corrosion coated stainless steel screws at a max spacing of 24 in. OC, along with manufacturers approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

C. **Non insulated wood strapping system —** Install moisture barrier over the Gypsum Board Item 4 and Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC., over the moisture barrier. 1" x 3" wood strapping attached through the moisture barrier and the Gypsum Board to the Wood studs using fasteners specified by the manufacturer and fasteners spaced max., 24 in. OC. Acrytec Panels to be installed on the 1" x 3" wood strapping using manufacturers approved stainless steel fasteners spaced at maximum 24 inches OC along with Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

D. **Insulated Wood Strapping System —** Install moisture barrier over the Gypsum Board Item 4. Install Extruded Polystyrene Insulation over moisture barrier and the Gypsum Board Item 4, max thickness of insulation not to exceed 4 inches. Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC. Wood strapping attached through the Insulation, the Gypsum Board and moisture barrier to the Wood Studs using fasteners specified by the manufacturer and fasteners spaced max. 24 in. OC. Acrytec Panels to be installed over the wood strapping using manufacturers approved stainless steel fasteners at a max spacing of 24 in. OC and Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

ACRYTEC PANEL INDUSTRIES — Nominal 5/8 inch thick Acrytec Panel.

13. **Foamed Plastic* —** (Optional, Not Shown - For use with Item 4Q) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
Holcim Solutions and Products US, LLC — Nexseal™ 2.0 or Nexseal™ 2.0 LE Spray Foam and Sucraseal Spray Foam. For use in Bearing and Non-Load Bearing Walls.

13A. **Foamed Plastic* —** (Optional, Not Shown - For use with Item 4S) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
HOLCIM SOLUTIONS AND PRODUCTS US, LLC — Types GacoEZSpray F4500, GacoProFill FR6500R, Gaco 052N, GacoOnePass F1850, GacoOnePass Low GWP F1880, and Gaco WallFoam 183M.

13B. **Foamed Plastic* —** (Optional, Not Shown - For use with Item 4T) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.
CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamsulate Closed Cell, Foamsulate OCX, Foamsulate 70, and Foamsulate HFO.

13C. **Foamed Plastic*** - (Optional, Not Shown – For use with Item 4U) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

BASF CORP – Types Enertite® NM, Enertite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US , Walltite® US-N, Walltite® HP+, Spraytite® Comfort XL, Walltite® XL, , Walltite® MAX, Walltite® LWP, Walltite® Plus and Enertite® Max

14. **Foamed Plastic* —** (Optional, Not Shown - For use over Gypsum Board, Item 4) - Polyisocyanurate foamed plastic boards, any thickness applied vertically with vertical joints located over studs. May be used with Molded Plastic, Item 5 or any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci Class A", "Xci 286", "Xci Foil (Class A)", "Xci CG", "Xci Foil", "Xci CG NH", "Xci Foil NH"

15. **Building Units* —** (Optional, Not Shown - For use over Gypsum Board, Item 4) Polyisocyanurate composite foamed plastic boards, any thickness, applied vertically with vertical joints located over studs. May be used with Molded Plastic, Item 5 or any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci NB", "Xci Ply"

16. **Building Units –** (Optional Item Not Shown – For use over Gypsum Board, Item 4) 1 in., 2 in. or 3 in. thick, 4 ft. wide – Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with wafer head screws of adequate length to penetrate framing by a minimum of of ¼ in., spaced a max 8 in. o.c.

NATIONAL GYPSUM CO – Type PBCI

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2024-06-14

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

UL Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

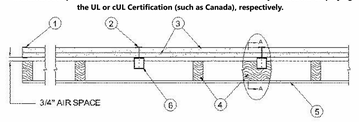
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

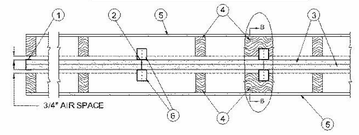
Design No. U375

January 30, 2024

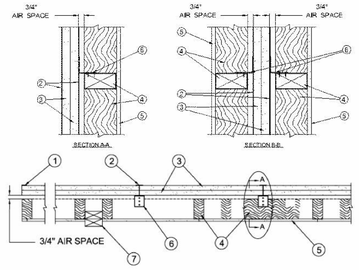
Nonbearing Wall Rating - 2 HR (Area Separation Wall, See Items 1, 2 and 3)
Bearing Wall Rating 2 Hr (Protected Wall, See Items 4 and 4A)
Nonbearing Wall Rating 2 Hr (Protected Wall, See Item 4B and 4C)
Finish Rating - (See Item 6)
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



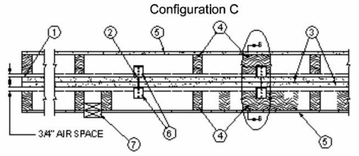
CONFIGURATION A
EXPOSED TO FIRE FROM AREA SEPARATION WALL SIDE ONLY



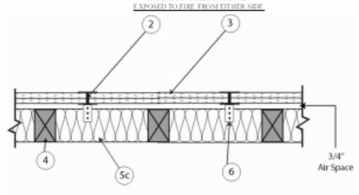
CONFIGURATION B
EXPOSED TO FIRE FROM EITHER SIDE



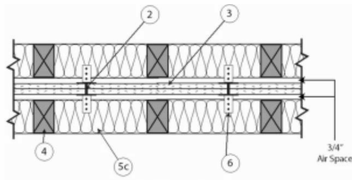
Configuration C



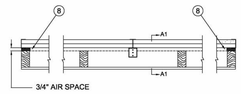
CONFIGURATION D
EXPOSED TO FIRE FROM EITHER SIDE



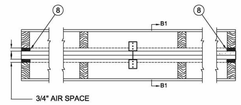
Configuration E



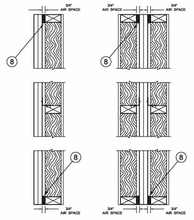
Configuration F

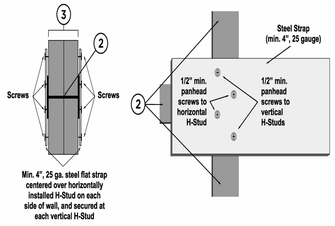


CONFIGURATIONS A and C
EXPOSED TO FIRE FROM AREA SEPARATION WALL ONLY



CONFIGURATIONS B and D
EXPOSED TO FIRE FROM EITHER SIDE





Alternate Installation

AREA SEPARATION FIREWALL (Nonbearing Wall) — (Max Height - See Item 3)

1. **Floor, Intermediate or Top Wall Track —** 2 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.

2. **Steel Studs —** Steel members formed from No. 25 MSG galv steel having "H" - shaped flanged spaced 24 in. OC; overall depth 2 in. and flange width 1-3/8 in.

3. **Gypsum Board* —** Two layers of 1 in. thick gypsum board liner panels, supplied in nom 24 in. widths. Vertical edges of panels friction fitted into "H" - shaped studs.
AMERICAN GYPSUM CO — Types AG-S (Max Height - 66 ft), M-Glass (Max Height - 66 ft)

GEORGIA-PACIFIC GYPSUM L L C — Type TP-6 (Max Height - 66 ft), Type DGUSL (Max Height - 44 ft), Type TRSL (Max. Height - 44 ft)

PROTECTED WALL: (Bearing or Nonbearing Wall as indicated under Items 4, through 4G. When Bearing, Load Restricted for Canadian Applications — See Guide BXUV7.)

4. **Wood Studs —** Bearing or Nonbearing Wall. Nom 2 by 4 in. max spacing 24 in. OC. Studs oriented with 2 in. face parallel to liner panels (Item No. 3). Studs cross-braced where necessary for clip attachment. Min 3/4 in. separation between wood framing and area separation wall. Studs may be also be orientated with 2 in. face perpendicular to liner panels if Type AG-S or M-Glass panels are used.

4A. **Steel Studs —** (As an alternate to Item 4, not shown) — For Bearing Wall - Corrosion protected steel studs, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min 3- 1/2 in. wide, min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications. Top and bottom tracks shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C. Studs cross-braced with stud. Min 3/4 in. separation between steel framing and area separation wall.

4B. **Steel Studs —** (As an alternate to Items 4 and 4A) - For Nonbearing Wall - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-1/2 in. wide, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. Top and bottom tracks shall be channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall.

4C. **Framing Members* — Steel Studs —** (As an alternate to Item 4, 4A, and 4B) - For Nonbearing Wall. Proprietary channel shaped studs, 3-5/8 in. wide spaced a max of 24 in. OC. Studs supplied with proprietary top and bottom tracks, min width to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC max. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall.
CEMCO, LLC — Viper25 ™

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

CRACO MFG INC — SmartStud25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

STUDCO BUILDING SYSTEMS — CROCSTUD

5. **Gypsum Board —** Classified or Unclassified — Min 1/2 in thick, 4 ft wide, applied either horizontally or vertically. Gypsum board attached to wood studs with 1-1/4 in. long steel drywall nails spaced 8 in. OC or 1 in. long Type W coarse thread steel screws spaced 12 in. OC. Gypsum board attached to steel studs with 1 in. long Type S or S-12 steel screws spaced 12 in. OC. Vertical joints located over studs. Joints may or may not be covered with paper tape and joint compound. Nail or screw heads may or may not be covered with joint compound.

5A. **Gypsum Board —** (As an alternate to Item 5) Nom 5/8 in thick, 4 ft wide, applied either horizontally or vertically. Gypsum board attached to wood studs with 1-1/4 in. long steel drywall nails space 8 in. OC or 1 in. long Type W coarse thread steel screws spaced 12 in. OC. Gypsum board attached to steel studs with 1 in. long Type S or S-12 steel screws spaced 12 in. OC. Vertical joints located over studs. Joints may or may not be covered with paper tape and joint compound. Nail or screw heads may or may not be covered with joint compound.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board

5B. **Plywood Sheathing or OSB —** (Not Shown) — As an alternate to Item 5, Min 1/2 in. thick plywood or OSB applied horizontally or vertically to wood or steel studs. Vertical joints located over studs. Horizontal joints shall be butted tight to form a closed joint. Fastened to studs with nails or screws of sufficient length, spaced 12 in. OC. Joints and fastener heads are not required to be treated.

5C. **Batts and Blankets* —** As an alternate to Item 5 when Types AG-S, M-Glass or TP-6 are used. Glass fiber or mineral wool insulation, min. 3-1/2 in. thick, placed to completely fill the wood or steel stud cavities. See Batts and Blankets (BKNV) category in the Building Materials Directory and Batts and Blankets (BZJZ) category in the Fire Resistance Directory for name of Classified Companies. Min 3/4 in. separation between insulation and area separation wall.

5D. **Loose Fill Material* —** (Optional – Not Shown) — To be used in addition to Items 5, 5A or 5B. Any loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, installed to completely or partially fill the enclosed stud cavity and air space in accordance with the application instructions supplied with the product.
5E. **Fiber, Sprayed* —** (Optional – Not Shown) — Spray applied cellulose material to be used in addition to Item 5, 5A or 5B.

The fiber is applied with water to completely or partially fill the enclosed stud cavity and air space in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. Min 3/4 in. separation between insulation and area separation wall.

Applegate Greenfiber Acquisition LLC — Insulmax and SANCTUARY for use with wet or dry application.

5F. **Fiber, Sprayed* —** (Optional – Not Shown). – To be used with gypsum panels manufactured by American Gypsum Boards only. Spray applied cellulose material to be used in addition to Items 5, or 5B. Spray applied cellulose material. The fiber is applied with water to completely or partially fill the enclosed stud cavity and air space in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product.

Applegate Greenfiber Acquisition LLC — FRM and SANCTUARY for use with wet or dry application.

6. **Attachment Clips —** Aluminum angle, min. 0.063 in. thick, min 2 in. wide with min 2 in. and 2-1/4 in. legs or min. 0.050 in. thick, min. 2 in. wide with min 2 in. and 2-1/2 in. legs. Clips secured with min. 3/8 in. long Type S screw to "H" studs and with 1-1/4 in. long screws to wood or steel framing through holes provided in clip. As an option, clips may be secured to both "H" studs and wood or steel framing with 1-1/4 in. long screws or #8, 3/4" in. long panhead screws.

System No.	Height Limitation
1	23 ft
2	44 ft
3	66 ft

For wood studs, the Finish Rating of the various Configurations is 120 minutes, unless Configuration A, C or E are used at a height exceeding 44 ft., in which case the Finish Rating is 115 min. Finish rating has not been evaluated for steel studs.

System 1
6A. Clip placement (Item 6) for separation walls up to 23 ft high: Space clips a max of 10 ft OC vertically between wood or steel framing and "H" studs.

System 2
6B. Clip placement (Item 6) for separation walls up to 44 ft high. Space clips as described in Item 6A for upper 24 ft. Remaining wall area below requires clips spaced a max 5 ft OC vertically between wood or steel framing and "H" studs.

System 3
6C. Clip placement (Item 6) for separation walls up to 66 ft high: Space clips as described in Item 6A for upper 24 ft. Space clips as described in item 6B for next 20 ft. below the upper 24 ft. Remaining wall area below requires clips spaced a max of 40 in. OC vertically between wood or steel framing and "H" studs.

7. **Non-Bearing Wall Partition Intersection —** (Optional) — For wood framing — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC, vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the wall.

8. **Caulking and Sealants* —** (Optional - Intended for use as an air barrier - Not evaluated as fireblocking) - A bead of sealant applied around the partition perimeter in the 3/4 in. air space between wood framing (Item 4) and shaftliner panels (Item 3) to create an air barrier.
DUPONT DE NEMOURS, INC. — Great Stuff Gaps & Cracks, Great Stuff Pro Gaps & Cracks, Great Stuff Pro Window & Door

ICP CONSTRUCTION INC. — Fireblock, Window & Door, Insulating Foam Sealant, Multi-Purpose, HC Sealants, Black Foam Sealant, Extreme, Window & Door Extreme, Fast Foam, Gun Foam, and Straw Foam

9. **Additional Sheathing —** (Optional, not shown) — any thickness of plywood, OSB, or UL Classified Cementitious Backer Units* (CAGP, CAGP7) may be applied horizontally or vertically, directly to "H" Studs and perimeter/intermediate channels, with vertical joints located over studs. Fastened to "H" Studs and perimeter/intermediate channels with screws of sufficient length, spaced a maximum of 12 in. OC.

Alternate Installation

As an alternate construction method when Types AG-S or M-Glass are used. When "H" studs, Item 2 are installed horizontally to cap the Area Separation Firewall in lieu of item 1, construct as follows. (A) As shown in the Alternate Installation detail, secure a min. 4 inch wide steel flat strap, fabricated from minimum 25 gauge galvanized steel, on each side of the horizontally installed "H" stud. (B) Ensure flat strap is centered over the "H" stud, and attached with four 1/2 in. min long panhead screws on each side of the Area Separation Firewall. (C) Two screws are used to secure flat strap to vertical "H" stud, above and below the horizontal "H" stud as shown in detail (D) Two screws are also inserted to secure flat strap to the horizontal "H" stud, in alternating pattern.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2024-01-30

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	06.19.24	100% Design Development
2	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

CONSTRUCTION ASSEMBLIES

Drawn By: KMS

Checked By: HC

A605

THE FRANCIS - 02.22025.00

UL Product iQ®

UL Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States

Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

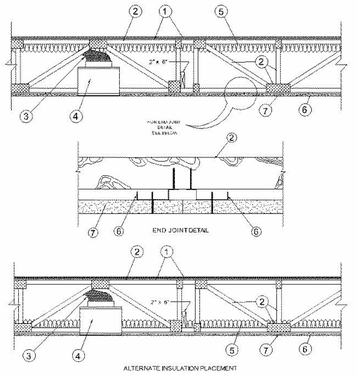
Design Criteria and Allowable Variances

Design No. L563

December 6, 2023

Unrestrained Assembly Rating - 1 Hr
Finish Rating - 25 Min (See Items 5 or 5A and 7), 20 Min. (See Items 6E and 7A)
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



ALTERNATE INSULATION PLACEMENT

1. **Flooring System —** The flooring system shall consist of one of the following:

System No. 1

Subflooring — Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

LATICRETE SUPERCAP L L C — Types LRK, HSLRK

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* - (Optional) — Nom 3/8 in. thick floor mat material loose laid over the subfloor.

GRASSWORX L L C — Type SCS0

System No. 5

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 pluc or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

ELASTIZELL CORP OF AMERICA — Type FF

System No. 6

Deleted.

System No. 7

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5.5 gal of water.

AERIX INDUSTRIES — Floor-Topping Mixture

System No. 8

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Mixture shall consist of 5 to 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu ft of sand.

ULTRA QUIET FLOORS — Types UQF-A, UQF-Super Blend, UQF-Plus 200

System No. 9

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ring shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAXXON CORP — Type Maxxon Standard and Maxxon High Strength

Floor Mat Materials* - (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

MAXXON CORP — Type Encapsulated Sound Mat.

Floor Mat Reinforcement — (Optional) Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath - (Optional) 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement — (Optional) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs./sq. yd loose laid over the floor mat material.

System No. 10

Subflooring — Min 23/32 in. thick plywood with T & G edges along the 8 ft sides and exterior glue, or non-veneer APA Rated "Sturd-I-Floor" T & G panels per APA specifications PRP-108. Plywood or non-veneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Floor Mat Materials* — (Optional) Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in.

FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix

Alternate Floor Mat Materials - (Optional)— Floor mat material nom 1/4 in. (6 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25 mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025

Alternate Floor Mat Materials - (Optional)— Floor mat material nom 3/8 in. (10 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32 mm)

HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040

Alternate Floor Mat Materials - (Optional) — Floor mat material nom 3/4 in. (19 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38 mm)

HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075

Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd, placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant

System No. 3

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Floor - Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.

HOMASOTE CO — Type 440-32 Mineral and Fiber Board

System No. 4

Subflooring — Min Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood or panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

LATICRETE SUPERCAP L L C — Types LRK, HSLRK

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — (Optional) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

Alternate Floor Mat Materials* - (Optional) — Nom 3/8 in. thick floor mat material loose laid over the subfloor.

GRASSWORX L L C — Type SCS0

System No. 5

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.

ELASTIZELL CORP OF AMERICA — Type FF

System No. 6

Deleted.

System No. 7

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5.5 gal of water.

AERIX INDUSTRIES — Floor-Topping Mixture

System No. 8

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with end joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Mixture shall consist of 5 to 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu ft of sand.

ULTRA QUIET FLOORS — Types UQF-A, UQF-Super Blend, UQF-Plus 200

System No. 9

Subflooring — Min 23/32 in. thick T & G wood structural panels installed perpendicular to trusses with joints staggered 4 ft. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ring shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

MAXXON CORP — Type Maxxon Standard and Maxxon High Strength

Floor Mat Materials* - (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

MAXXON CORP — Type Encapsulated Sound Mat.

Floor Mat Reinforcement — (Optional) Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath - (Optional) 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.

Fiber Glass Reinforcement — (Optional) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs./sq. yd loose laid over the floor mat material.

System No. 10

Subflooring — Min 23/32 in. thick plywood with T & G edges along the 8 ft sides and exterior glue, or non-veneer APA Rated "Sturd-I-Floor" T & G panels per APA specifications PRP-108. Plywood or non-veneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Floor Mat Materials* — (Optional) Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in.

FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2

System No. 11

Subflooring — Min 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joists staggered.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies. Refer to the manufacturer's instructions accompanying the material and/or contact the manufacturer's technical support for specific mix design and minimum thickness recommended for use with eligible floor mat(s).

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/2 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 12

Subflooring — Min 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joists staggered.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring — Min 3/4 in. thickness of lightweight insulating concrete with **Perlite Aggregate*** or **Vermiculite Aggregate***, or gypsum concrete.

See **Perlite Aggregate** (CFFX) and **Vermiculite Aggregate** (CJZZ) categories for names of manufacturers.

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/2 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 13

Subflooring — Min 23/32 in. thick plywood with T & G edges along the 8 ft sides and exterior glue, or nonveneer APA Rated "Sturd-I-Floor" T & G panels per APA specifications PRP-108. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

ARCOSA SPECIALTY MATERIALS — AccuCrete® Types NexGen, Green, Prime and PrePour, AccuRadiant®, AccuLevel® Types G40, G50 and SD30

Floor Mat Material* — (Optional) — Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in.

ARCOSA SPECIALTY MATERIALS — AccuQuiet® Types D13, D-18, D25, DX38, EM.125, EM.125S, EM.250, EM.250S, EM.375, EM.375S, EM.750, and EM.750S.

System No. 14

Subflooring — Min 23/32 in. thick plywood with T & G edges along the 8 ft sides and exterior glue, or nonveneer APA Rated "Sturd-I-Floor" T & G panels per APA specifications PRP-108. Plywood or nonveneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

DEPENDABLE LLC — GSL M3.4, GSL K2.6, GSL-CSD and GSL RH.

Floor Mat Materials* — (Optional) - Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 3/4 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 55/025 and Quiet Qurl 55/025 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 3/8 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 60/040 and Quiet Qurl 60/040 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/2 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 1-1/2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 65/075, Quiet Qurl 65/075 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. thick loose laid over the subfloor. Floor topping thickness shall be a minimum of 2 in.

KEENE BUILDING PRODUCTS CO INC — Type Quiet Qurl 52/013 and Quiet Qurl 52/013 N

Alternate Floor Mat Materials* — (Optional) - Floor mat material Nom. 1/4 in. entangled net core with a compressible fabric attached to the bottom loose laid over the subfloor. Floor topping thickness shall be a minimum of 1 in.

KEENE BUILDING PRODUCTS CO INC — Quiet Qurl 55/025 MT and Quiet Qurl 55/025 N MT

System No. 15

Subflooring — Min 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. Plywood or non-veneer APA rated panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss.

Wall and Partition Facings and Accessories* - Sound Barrier (Optional) — Acoustic Sleeper pads stapled to the top of the subfloor, the bottom of the finish floor, or to 5/16 in. thick by 1-1/2 in. wide wood strips and centered over wood trusses. Acoustic Sleeper pads are to be spaced appropriately so that the finish floor panels are fastened through Acoustic Sleeper pads to trusses.
STC ARCHITECTURAL PRODUCTS L L C DBA STC SOUND CONTROL — Acoustic Sleeper

Finish Floor — Min 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered. Butt joints of panels have the option of being sealed with any UL Classified caulk or sealant found under - Fill, Void or Cavity Materials* (XHHW).

System No. 16

Subflooring — Building Units* — Nom 3/4 in. thick, tongue and grooved boards. Long dimension of boards to be perpendicular to trusses with end joints staggered a min of 4 ft. and centered over the trusses. Boards secured to trusses with 2 in. long self-drilling, self- tapping screws or 2 in. x 0.113 in. Ring Shank nails spaced a max of 12 in. OC in the field with screws/nails located 1 in. from long edge, and max 8 in. OC along the end joints with screws/nails located 1/2 in. from end joint.
ECTEK INTERNATIONAL INC — Type MegaBoard

Vapor Barrier - (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Finish Flooring — Min 1 by 4 in. T & G lumber fastened diagonally to trusses, or min 15/32 in. thick wood structural panels, min grade "Underlayment" or "Single Floor". Face grain of plywood or strength axis of panel to be perpendicular to trusses with joints staggered.

System No. 17

Structural Cement-Fiber Units* — For use with **UNITED STATES GYPSUM CO** Types C, IP-X2, IPC-AR and ULIX gypsum boards only. Nom 3/4 in. thick, with long edges tongue and grooved. Long dimension of panels to be perpendicular to wood trusses with end joints staggered a min of 2 ft and centered over the trusses. Panels secured to wood trusses with 1-5/8 in. long, No. 8, self-countersinking wood screw spaced a max of 12 in. OC in the field with a screw located 1 in. and 2 in. from each edge, and 8 in. OC on the perimeter with a screw located 2 in. from each edge, located 1/2 in. from the end edges of the panel.
UNITED STATES GYPSUM CO — Types STRUCTO-CRETE, USGSP

System No. 18

Subflooring — Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Finish Flooring - Floor Topping Mixture* — Min 1 in. thickness of floor topping mixture having a min compressive strength of 4500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
SIKA DEUTSCHLAND GMBH — Type SCHONOX AP Rapid Plus

System No. 19

Subflooring — Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies. Refer to the manufacturer's instructions accompanying the material and/or contact the manufacturer's technical support for specific mix design and minimum thickness recommended for use with eligible floor mat(s).

Floor Mat Materials* — (Optional, Not Shown) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.
Freudenberg Performance Materials LP — EnkaSonic® by Colbond a member of the Low & Bonar group Types 125, 250, 250 Plus, 400, 400 Plus, 750 and 750 Plus.

Floor Mat Reinforcement — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) — Expanded steel diamond mesh, 2.5 lb / sq yd loose laid over floor mat material.

Fiberglass Mesh Reinforcement — (Optional) — Coated non-woven glass fiber mesh grid loose laid over floor mat material.

System No. 20

Subflooring — Nom 23/32 in. thick wood structural panels installed perpendicular to trusses with end joints staggered. Plywood panels secured to trusses with construction adhesive and No. 6d ringed shank nails spaced 12 in. OC along each truss. TetraGRIP™ nails measuring 2-3/8 in. long, 0.113 in. diameter, 0.272 in. round head, and helically threaded shank with barbed features on the helix meeting ASTM F1667 and having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails.

Vapor Barrier — (Optional) — Nom 0.030 in. thick commercial asphalt saturated felt.

Floor Mat Materials* — (Optional) — Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

GRASSWORX L L C — SC Types

Finish Flooring* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies. Refer to the manufacturer's instructions accompanying the material and/or contact the manufacturer's technical support for specific mix design and minimum thickness recommended for use with eligible floor mat(s).

Floor Mat Reinforcement — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) — Expanded steel diamond mesh, 2.5 lb / sq yd loose laid over floor mat material.

Fiberglass Mesh Reinforcement — (Optional) — Coated non-woven glass fiber mesh grid loose laid over floor mat material.

2. **Trusses —** Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 12 in. when Ceiling Dampers* are not used. Min truss depth is 18 in. when Ceiling Damper* is used. Truss members secured together with min 0.036 0356 in. thick galvanized steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tool has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx. 7/8 in. centers with four rows of teeth per inch of plate width.

3. **Air Duct* (Optional) —** Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

4. **Ceiling Damper* (Optional). To be used with Air Duct Item 3. —** For use with min 18 in. deep trusses Max plenum box size nom 19 in. long by 19 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturer's installation instructions provided with the damper.
AIRE TECHNOLOGIES INC — Models: CRD model 50 w/Boot, CRD model 50EA w/Boot, CRD model 55 w/Boot, CRD model 55 EA w/Boot.

LLOYD INDUSTRIES INC — Model CRD 50-BT, CRD 50-EA-BT, CRD 55-BT,

a. **Furring Channels** — Formed of No. 25 MSG galv steel, nominal 2-1/2 in. wide by 7/8 in. deep, spaced as indicated in Item 6, perpendicular to trusses and friction fit into Steel Framing Members (Item 6Hc). Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap or with two TEK screws along each leg of the 6 in. overlap. Two furring channels used at end joints of gypsum board (Item 7). Butt joint channels held in place by strong back channels placed upside down, on top of, and running perpendicular to primary furring channels, extending 6 in. longer than length of gypsum side joint. Strong back channels spaced maximum 48 in. OC. Strong back channels secured to every intersection of primary furring channels with four 7/16 in. pan head screws, two along each of the legs at intersections. Butt joint channels run perpendicular to strong back channels and shall be minimum 6 in. longer than length of joint, secured to strong back channels with 7/16 in. pan head screws, two along each of the legs at intersection with strong back channels.

b. **Blocking** — Where truss design does not permit direct, full contact of the hanger bracket, a piece of nominal 2 by 4 in. lumber (blocking), min. 12 in. long to permit full contact of the hanger bracket, to be secured vertically to the side of the trusses at the top and bottom of the blocking at each Steel Framing Member (Item 6Hc) location with 16d nails or minimum 2-1/2 in. screws.

c. **Steel Framing Members*** — Used to attach furring channels (Item 6Ha) to trusses. Clips spaced 48 in. OC and secured along truss webs at each furring channel intersection with min. 3/4 in. long self-drilling #10 x 2 in. screws through each of the provided hole locations. Furring channels are friction fitted into clips.

PAC INTERNATIONAL L L C — Type RSIC-S1-1 Ultra

7. **Gypsum Board* —** Nom 5/8 in. thick, 48 in. wide gypsum panels. When resilient channels (Item 6) are used, gypsum panels installed with long dimension perpendicular to resilient channels. Gypsum panels secured with 1 in. long Type S bugle head steel screws spaced 12 in. OC and located a min of 1/2 in. from side joints and 3 in. from end joints. When insulation (Items 5 or 5A) is applied over the resilient channel/gypsum panel ceiling membrane the screw spacing shall be reduced to 8 in. OC. End joints secured to both resilient channels as shown in end joint detail. When Steel Framing Members (Item 6A) are used, gypsum panels installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Panels fastened to cross tees with 1 in. long Type S bugle-head screws spaced 8 in. OC in the field and along end joints. Panels fastened to main runners with 1 in. long Type S bugle-head screws spaced midway between cross tees. Screws along sides and ends of panels spaced 3/8 to 1/2 in. from board edge. End joints of panels shall be staggered with spacing between joints on adjacent panels not less than 2 ft OC. When **Steel Framing Members** (Item 6B) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long No. 6 Type S bugle-head steel screws spaced 12 in. OC in the field of the board. Screw spacing is reduced to 8 in. OC when insulation is applied over the furring channel/gypsum panel ceiling membrane. Gypsum board butted end joints shall be staggered minimum 16 in. within the assembly. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. These additional furring channels shall be attached to underside of the truss with Genie clips as described in Item 6B. Screw spacing along the gypsum board butt joint shall be 6 in. OC. When **Steel Framing Members** (Item 6C, 6L) are used, gypsum panels installed with long dimensions perpendicular to furring channels. Panels attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and in the field of the panel. Butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum panel shall be supported by a single length of furring channel equal to the width of the gypsum panel plus 6 in. on each end. The two support furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the truss with one clip at each end of the channel. When **Steel Framing Members** (Item 6D) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end joint. The two support furring channels shall be spaced approximately 3 in. in from joint. Screw spacing along the gypsum board butt joint and along both additional channels shall be 8 in. OC. Additional screws shall be placed in the adjacent section of gypsum board into the aforementioned 3 in. extension of the extra butt joint channels as well as into the main channel that runs between. Butt joint furring channels shall be attached with one RESILMOUNT Sound Isolation Clip at each end of the channel.

When **Steel Framing Members** (Item 6F) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. and centered over main furring channels. At the gypsum board butt joints, an additional single length of furring channel shall be installed and be spaced approximately 3 in. from the butt joint (6 in. from the continuous furring channels) to support the floating end of the gypsum board. Each of these shorter sections of furring channel shall extend one truss beyond the width of the gypsum panel and be attached to the adjacent trusses with one SonusClip at every truss involved with the butt joint.

When **Steel Framing Members** (Item 6G) are used, nom 5/8 in. thick, 4 ft wide gypsum board, installed as described in Item 7. Adjacent butt joints staggered minimum 48 in. OC.

When **Steel Framing Members** (Item 6H) are used, nom 5/8 in. thick, 4 ft wide gypsum board, installed as described in Item 7. Butt joints staggered minimum 24 in. OC.

AMERICAN GYPSUM CO — Type AG-C

CGC INC — Types C, IP-X2, IPC-AR

CERTAINTEED GYPSUM INC — Type LGFC-C/A, Type C

NATIONAL GYPSUM CO — Types eXP-C, FSW-G, FSW-C, FSK-G, FSK-C.

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL DRYWALL SFZ LLC — Type C

PANEL REY S A — Type PRC

7A. **Gypsum Board* - (Not Shown) —** For use with Items 5B and 6E. Nom 5/8 in. thick, 48 in. wide gypsum panels installed with long dimension perpendicular to resilient channels. Gypsum panels secured with 1 in. long Type S bugle head steel screws spaced 8 in. OC and located a min of 1/2 in. from side joints and 3 in. from the end joints. Finish Rating with this ceiling system is 20 min.
CGC INC — Type ULIX

UNITED STATES GYPSUM CO — Type ULIX

8. **Finishing System - (Not Shown) —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

9. **Grille —** Aluminum or Steel grille, installed in accordance with the installation instructions provided with the ceiling damper.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2023-12-07

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

UL Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

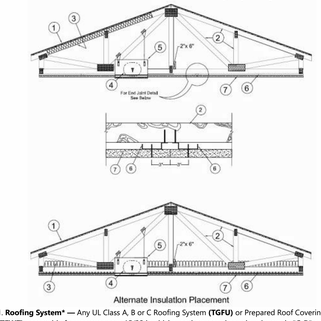
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

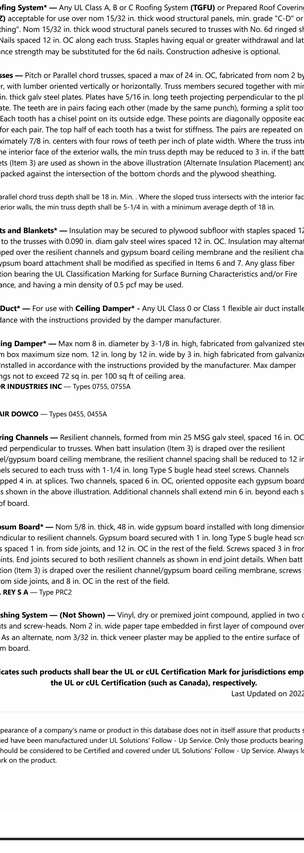
Design No. P570

June 9, 2022

Unrestrained Assembly Rating — 1 Hr.
Finish Rating — 23 Min
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





Alternate Insulation Placement

1. **Roofing System* —** Any UL Class A, B or C Roofing System **(TGFU)** or Prepared Roof Covering **(TFWZ)** acceptable for use over nom 15/32 in. thick wood structural panels, min. grade "C-D" or "Sheathing". Nom 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails. Nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive is optional.

2. **Trusses —** Pitch or Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.038 in. thick galv steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.

Min. parallel chord truss depth shall be 18 in. Min. . Where the sloped truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a minimum average depth of 18 in.

3. **Batts and Blankets* —** Insulation may be secured to plywood subfloor with staples spaced 12 in. OC or to the trusses with 0.090 in. diam galv steel wires spaced 12 in. OC. Insulation may alternatively be draped over the resilient channels and gypsum board ceiling membrane and the resilient channels and gypsum board attachment shall be modified as specified in items 6 and 7. Any glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics and/or Fire Resistance, and having a min density of 0.5 pcf may be used.

4. **Air Duct* —** For use with **Ceiling Damper* -** Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

5. **Ceiling Damper* —** Max nom 8 in. diameter by 3-1/8 in. high, fabricated from galvanized steel. Plenum box maximum size nom. 12 in. long by 12 in. wide by 3 in. high fabricated from galvanized steel. Installed in accordance with the instructions provided by the manufacturer. Max damper openings not to exceed 72 sq in. per 100 sq ft of ceiling area.
NAILOR INDUSTRIES INC — Types 0755, 0755A

SAFE AIR DOWCO — Types 0455, 0455A

6. **Furring Channels —** Resilient channels, formed from min 25 MSG galv steel, spaced 16 in. OC, installed perpendicular to trusses. When batt insulation (Item 3) is draped over the resilient channel/gypsum board ceiling membrane, the resilient channel spacing shall be reduced to 12 in. OC. Channels to each truss with 1-1/4 in. long Type S bugle head steel screws. Channels overlapped 4 in. at splices. Two channels, spaced 6 in. OC, oriented opposite each gypsum board end joint as shown in the above illustration. Additional channels shall extend min 6 in. beyond each side edge of board.

7. **Gypsum Board* —** Nom 5/8 in. thick, 48 in. wide gypsum board installed with long dimension perpendicular to resilient channels. Gypsum board secured with 1 in. long Type S bugle head screws. Screws spaced 1 in. from side joints, and 12 in. OC in the rest of the field. Screws spaced 3 in from the end joints. End joints secured to both resilient channels as shown in end joint details. When batt insulation (Item 3) is draped over the resilient channel/gypsum board ceiling membrane, screws spaced 1 in. from side joints, and 8 in. OC in the rest of the field.
PANEL REY S A — Type PRC2

8. **Finishing System — (Not Shown) —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**
Last Updated on 2022-06-10

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

UL Product iQ®

UL Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

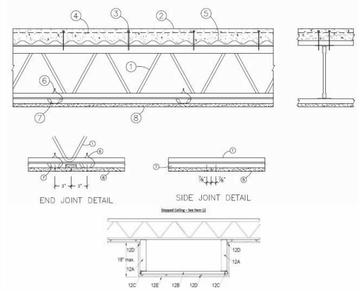
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. G561

May 20, 2024

Restrained Assembly Ratings — 1, 1-1/2, 2 and 3 Hr. (See Items 1, 1A, 1B, 1C, 1D, 2, 4A, 7C, 7E, 7I, 7K, 8, 10A - 10S, 11)
Unrestrained Assembly Ratings — 1, 1-1/2, 2 and 3 Hr. (See Items 1, 1A, 1B, 1C, 1D, 2, 4A, 7C, 7E, 7I, 7K, 8, 10A - 10S, 11)
Unrestrained Beam Ratings — 1, 1-1/2, 2 and 3 Hr. (See Items 1, 1A, 1B, 1C, 1D, 2, 4A, 7C, 7E, 7I, 7K, 8, 10A - 10S, 11)
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Joists —** Composite or non-composite, spaced 48 in. OC. Min 10 in. deep and min weight of 4.9 lb/ft. Designed per S.J.I. Specifications for a max tensile stress of 30 ksi. May be either uncoated or provided with a shop coat of paint. Top and bottom chords shall each consist of two angles with a min total area of 0.652 and 0.412 sq in., respectively. Web members shall be either round bars or angles. Min area of the end diagonal web shall of 0.277 sq in. Min area of each of the first four interior diagonal webs shall be 0.249 sq in. All other interior webs shall have a min area of 0.196 sq in. For 1 or 2 hour ratings, min. 12 in. deep joists with min weight of 4.9 lb/ft may be spaced up to a max. 50 in. OC. For 1 or 2 hour ratings, min. 12 in. deep joists may be spaced up to a max. 72 in. OC.

1A. **Beam —** (Not Shown) — Composite or non-composite. Min W6 x 9 for 1, 1-1/2 or 2 hr ratings, and min W8 x 24 for 3 hr rating. The plenum of the assembly must maintain a minimum 10 in. depth.

1B. **Joist Girders —** (Not Shown) — As an alternate to Item 1A. Composite or non-composite. Min 10 in. deep and min weight of 4.9 lb/ft. Designed per S.J.I. Specifications for a max tensile stress of 30 ksi. May be either uncoated or provided with a shop coat of paint. Top and bottom chords shall each consist of two angles with a min total area of 0.652 and 0.412 sq in., respectively. Web members shall be either round bars or angles. Min area of the end diagonal web shall of 0.277 sq in. Min area of each of the first four interior diagonal webs shall be 0.249 sq in. All other interior webs shall have a min area of 0.196 sq in.

1C. **Structural Steel Members —** As an alternate to Item 1, 1A, or 1B. For use up to a 2 hour rating only. Composite or non-composite, spaced a maximum 48 in. OC. Min. 5 in. deep structural steel channel, fabricated from two L3.5x3.5x3/8 in. angles welded together, identified as 5VS3 (Not UL Classified). The span of the structural members shall not exceed 10 ft. The plenum of the assembly must maintain a minimum 10 in. depth.

1D. **Structural Steel Members —** As an alternate to Item 1, 1A, or 1B. For use up to a 2 hour rating only. Composite or non-composite, spaced a maximum 48 in. OC. Min. 5 in. deep structural steel member, fabricated from two CSx9 channel members welded together, identified as 5VS3 (Not UL Classified). The span of the structural members shall not exceed 10 ft. The plenum of the assembly must maintain a minimum 10 in. depth.

2. **Flooring Systems —** The flooring system shall consist of one of the following:

Normal-Weight or Lightweight Concrete — Min. 2-1/2 in. thick as measured from the top plane of the steel floor and form units. Normal weight concrete, carbonate or siliceous aggregate, 150 plus or minus 3 pcf unit weight, 3500 psi compressive strength. Lightweight concrete, expanded shale, clay or slate aggregate by rotary kiln method, 114 plus or minus 6 pcf unit weight, 3500 psi compressive strength. Over the top of the Normal Weight or Lightweight Concrete, **Floor Mat Materials*** and **Floor Topping Mixtures*** may be applied as described below.

2A. **Floor Mat Materials* —** (Optional, Not Shown) - Floor mat material loose laid over the concrete slab. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.
MAXXON CORP — Type Encapsulated Sound Mat.

2B. **Floor Mat Reinforcement —** (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement. **Metal Lath —** (Optional) — 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material. **Fiber Glass Reinforcement —** (Optional) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs./sq. yd loose laid over the floor mat material.

2C. **Finish Flooring — Floor Topping Mixture* —** (For use with Item 2A and/or 2B) - Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
MAXXON CORP — Types Maxxon Standard and Maxxon High Strength

2D. **Floor Mat Materials* —** (Optional) — Floor mat material nom 1/8 in. (3 mm) thick loose laid over the concrete slab. Floor topping thickness shall be a min of 3/4 in. (19 mm).
HACKER INDUSTRIES INC — FIRM-FILL SCM 125

Alternate Floor Mat Materials* (Optional) — Floor mat material nom 1/4 in. (6 mm) thick loose laid over the concrete slab. Floor topping thickness shall be a min of 1 in. (25 mm).
HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250

Alternate Floor Mat Materials* (Optional) — Floor mat material nom 3/8 in. (10 mm) thick loose laid over the concrete slab. Floor topping thickness shall be a min of 1-1/4 in. (32 mm)
HACKER INDUSTRIES INC — FIRM-FILL SCM 400

Alternate Floor Mat Materials* — (Optional) — Floor mat material nom 3/4 in. (19 mm) thick loose laid over the concrete slab. Floor topping thickness shall be a min of 1-1/2 in. (38 mm).
HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750

Metal Lath (Optional) - For use with 3/8 in. (10 mm), or greater, floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1 in. (25 mm) over the floor mat.

2E. **Finish Flooring — Floor Topping Mixture* —** Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.
HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Gyp-Span Radiant

2F. **Floor Topping Mixture* —** (Optional) — Floor mat material nom 5/64 in. (2 mm) thick adhered to concrete slab with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of floor-topping mixture. Floor topping thickness a min 1 in. over the floor mat.
HACKER INDUSTRIES INC — Type Hacker Sound-Mat

Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick adhered to concrete slab with Hacker Floor Primer. Primer to be applied to the surface of the mat prior to the placement of a min 1-1/4 in. (32 mm) of floor-topping mixture.
HACKER INDUSTRIES INC — Type Hacker Sound-Mat II

Metal Lath — — (Optional) For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh, 3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.

2G. **Finish Flooring — Floor Topping Mixture* —** — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.

HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill High Strength, Gyp-Span Radiant

Gypsum Board* — — (For use when floor mat Item 2B is used) Two layers of nom 5/8 in. thick, 4 ft wide gypsum board, installed with long dimension perpendicular to joists on top of the floor mat material. Gypsum board secured to each other with 1 in. long No. 6 Type G bugle head steel screws spaced 12 in. OC and located a min of 1-1/2 in. from side and end joints. The joints of the gypsum board are to be staggered a minimum of 12 inches in between layers and from the joints of the concrete slab.

GEORGIA-PACIFIC GYPSUM L L C — Type DS

2H. **Floor Topping Mixture* — (Optional, as an alternate to Items 2A through 2E) —** — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1800 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.

UNITED STATES GYPSUM CO — Types LRK, HSLRK, CSD

USG MEXICO S A DE C V — Types LRK, HSLRK, CSD

Floor Mat Materials* — — (Optional) — Floor mat material loose laid over the concrete slab. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

UNITED STATES GYPSUM CO — Types SAM, LEVELROCK® Brand Sound Reduction Board, LEVELROCK® Brand Floor Underlayment SRM-25

2I. **Floor Topping Mixture* —** (Optional, As an alternate to Items 2A through 2E) — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
FORMULATED MATERIALS LLC — Types FR-25, FR-30, and SiteMix.

Floor Mat Materials* — (Optional) — Floor mat material loose laid over the concrete slab. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.
FORMULATED MATERIALS LLC — Types M1, M2, M3, Elite, Duo, R1, and R2.

2J. As an alternate to Items 2 - 2I:
Vapor Barrier — (Optional) - Commercial asphalt saturated felt, 0.030 in. thick.

Vapor Barrier — (Optional) - Nom 0.010 in. thick commercial rosin-sized building paper.

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of any Floor Topping Mixture bearing the UL Classification Marking as to Fire Resistance. See Floor- and Roof-Topping Mixtures (CCOX) category for names of Classified Companies. Refer to the manufacturer's instructions accompanying the material and/or contact the manufacturer's technical support for specific mix design and minimum thickness recommended for use with eligible floor mat(s).

Floor Mat Materials* — (Optional, Not Shown) - Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.

Freudenberg Performance Materials LP — EnkaSonic® by Colbond a member of the Low & Bonar group Types 125, 250, 250 Plus, 400, 400 Plus, 750, and 750 Plus.

Floor Mat Reinforcement — (Optional) - Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.

Metal Lath — (Optional) — Expanded steel diamond mesh, 2.5 lb / sq yd loose laid over floor mat material.

Fiberglass Mesh Reinforcement — (Optional) — Coated non-woven glass fiber mesh grid loose laid over floor mat material.

3. **Steel Floor or Form Unit Accessories* —** Threaded shear connectors, screwed into the top chord of joist through the steel floor units. Shear connector spacing and attachment shall be as recommended by the steel joist or girder manufacturer.
VULCRAFT, DIV OF NUCOR CORP — Type SHEARFLEX, for use with the ECOSPAN Composite Floor System only.

3A. **Shear Connector —** (Optional) — For use with Items, 1, 1A or 1B only. Studs, min 3/8 in. diam headed type or equivalent per A.I.S.C. specifications. Welded to the top chord of joist or joist girder through the steel floor units. Stud welding, as recommended by the stud manufacturer, should be followed.

4. **Welded Wire Fabric —** Min. 6 x 6 — W1.4 x W1.4, or as required by the latest ACI code.

4A. **Fiber Reinforcement* —** As an alternate to Item 4, for 1, 1-1/2 and 2 hr assembly and beam ratings only. Engineered Synthetic or Steel fibers added to concrete mix to control shrinkage cracks in concrete. See Fiber Reinforcement (CBXQ) Category for rate that fibers are added to concrete mix and names of manufacturers. The floor assembly with the fiber reinforcement must still meet its structural capacity requirements.

5. **Steel Floor and Form Units* —** For 1, 1-1/2, 2 and 3 hr ratings - Min 1 in. deep, 26 gauge uncoated or galv., fluted or cellular steel floor units, min nominal joist depth 10 in., joists may be spaced max. 48 in. OC. Floor units screwed to joists (Item 1) with shear connectors (Items 3 or 3A), or welded to joists. For 1 to 2 hour ratings, when using min nominal joist depth of 12 in. and min. 1 in. deep, 24 gauge uncoated or galv. fluted or cellular steel floor units, joists may be spaced at an average on center spacing of 57 in. with no span exceeding 66 in. OR, joists may be spaced max. 72 in. OC when using min. 1 in. deep, 22 gauge uncoated or galv. fluted or cellular steel floor units or min. 1.5 in. deep, 24 gauge uncoated or galv. fluted steel floor units.

INTSEL STEEL EAST LLC — 36 in. wide Types 1.5" COMPOSITE/FLOOR, 2" COMPOSITE/FLOOR, 3" COMPOSITE/FLOOR.

VERCO DECKING INC - A NUCOR CO — Deck types PLB, HSB, Deep VERCOR; FORMLOK™ deck types PLB, B, BR, PLW2, W2, PLW3, W3. Units are min 24 in. wide and may be galvanized, phos./ptd., or mill finish. Units may be cellular or acoustical cellular, with the suffix "CD" or "CD-AC" added to the product name, respectively.

VULCRAFT, DIV OF NUCOR CORP — 32 through 36 in. wide, Types 1.0C, 1.5C, 1.5VLR, 1.5VL, 1.5VLI, 1.5VLP, or 36 in. wide, Types 2VLI, 2VLP, 3VLI, 3VLP

6. **Tie Wire —** No. 18 SWG (0.048 in. diam) galv steel wire. Tie wire used to attach gypsum board furring channels to steel joists, joist girders or cold rolled channels.

6A. **Hanger Wire —** (Not Shown) No. 12 SWG galv steel wire for use where indicated.

6B. **Hanger Clips —** (Not shown) Galv steel angles, 3/4 in. long with 1-3/8 in. horizontal and 1 in. vertical legs. Vertical leg provided with a 5/16 in. diam hole to accommodate hanger wire. Horizontal leg provided with a 3/16 in. diam hole for insertion of fastener. Hanger clips secured to underside of concrete slab using nom 1 1/8 in. long, 0.145 in. diam shank with 0.312 in. diam head, powder-driven galv steel fasteners.

7. **Furring Channels —** Min 0.0188 in. thick (25 gauge) galv steel, 7/8 in. high, 2-5/8 in. (or 2-9/16 in. or 2-23/32 in.) base width and 1-1/4 in. face width. Installed perpendicular to steel joists 24 in. OC. When **Batts and Blankets*** (Item 11) are used, furring channels spaced 16 in. OC. At gypsum board end joints, one channel shall be located on each side and 3 in. from end joint. All channels tied to bottom chord of each joist with double strand of tie wire. At splices, channels overlapped 8 in. and tied together with double strand of tie wire near each end of overlap. As an option for maximum 1 hour ratings (not shown) wood or fiberglass shims, 3 in. by 5 in. by maximum 1 in. thick, or wool felt pad shims, 2 in. by 4 in. by maximum 1 in. thick, may be friction-fit between the top surface of the furring channels and the lower surface of the steel joists or joist girders.

7A. **Cold Rolled Channels —** (Not Shown) — For use where indicated in Items 10 - 10Q. Min 0.053 in. thick (16 gauge) cold-rolled steel channels, 1-1/2 in. deep with 7/16 in. flanges. When it is necessary to lower the ceiling below the bottom plane of the joists, the cold rolled steel channels shall be used for attachment of furring channels. The channels shall be installed with their web oriented vertically and suspended from the joists or from the hanger clips (Item 6B) with 12 SWG or heavier gauge hanger wire at a max spacing of 50 in. OC. The spacing of the channels shall be no greater than the spacing of the joists. Adjoining lengths of cold-rolled channel spliced together by overlapping min 12 in., face to face or back to back, and tying with three double strands of 18 SWG galv steel wire.

7B. **Cold-Rolled Channels —** (Not shown) - Min 0.053 in. thick (16 gauge) cold-rolled steel channels, 1-1/2 in. deep with 7/16 in. flanges. When the composite or noncomposite steel joists are spaced more than 50 in. OC, a cold-rolled steel channel shall be suspended between joists, with its web vertical and with its lower flange flush with the plane at the bottom of the joists, to provide an intermediate support for the furring channels (Item 7). The channel shall be placed so as to provide support for the furring channel such that the span of the furring channel does not exceed 5'0". The cold-rolled channels are suspended from hanger clips (Item 6B) using 12 SWG galv steel hanger wire spaced max 50 in OC. The channels shall be installed with their web oriented vertically and suspended from the joists or from the hanger clips (Item 6B) with 12 SWG or heavier gauge hanger wire at a max spacing of 50 in. OC. The channels spaced a maximum of 50 in. OC.

7C. **Steel Framing Members* —** (Not Shown) — For the 1, 1-1/2 and 2 Hr Assembly and Beam Ratings only, as alternate to Furring Channels (Item 7), the following suspension system may be used:
a. **Main runners —** Nom. 12 ft. long spaced 4 ft OC perpendicular to steel joists.

b. **Cross Tees —** Nom 4 ft. long, 1-1/2 in. wide face or 15/16 in. wide face installed at sides of light fixtures, installed perpendicular to the main runners, spaced 24 in. OC. When **Batts and Blankets*** (Item 11) are used, cross tees spaced 16 in. OC. Additional cross tees or cross channels used at 8 in. from each side of butted wallboard end joints. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.
ROXUL USA INC. D/B/A ROCKFON — Types 650, 650C, 670, 670C, 670D.

7D. **Wall Molding —** (Not Shown) — For use with Items 7C or 7E , min 0.019 in. thick steel channel, 1-11/16 in. with 15/16 in. legs, nailed to walls along perimeter of ceiling.

7E. **Steel Framing Members* —** (Not Shown) — As an alternate to Items 7, 7C and 7D. Main runners nom 12 ft long, spaced 48 in. OC. Cross channels, 4 ft long, installed perpendicular to main runners and spaced 24 in. OC. Additional cross channels required 8 in. from and on each side of gypsum board end joints.
ROXUL USA INC. D/B/A ROCKFON — Types 630, 650, 650C, 670, 670C, 670D. When Type 630 Steel Framing Members or Types 654C,674C or 674D cross tees are used, unrestrained assembly and beam ratings are limited to 2 hr.

7F. **Steel Framing Members* —** (Not Shown) — As an alternate to Items 7, 7A, 7B, 7C, 7D and 7E. Main runners, cross tees, cross channels and wall angle as listed below:
a. **Main runners —** Nom 10 or 12 ft. long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft. OC.

b. **Cross Tees —** Nom 4 ft. long, 1-1/2 in. wide face or 15/16 in. wide face installed at sides of light fixtures, installed perpendicular to the main runners, spaced 24 in. OC. When **Batts and Blankets*** (Item 11) are used, cross tees spaced 16 in. OC. Additional cross tees or cross channels used at 8 in. from each side of butted wallboard end joints. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

c. **Cross Channels —** Nom 4 ft. long, installed perpendicular to main runners, spaced 24 in. OC. When **Batts and Blankets*** (Item 11) are used, cross channels spaced 16 in. OC.

d. **Wall Angle or Channel —** Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum board.
CGC INC — Type DGL or RX

USG INTERIORS LLC — Type DGL or RX

7G. **Steel Framing Members* —** (Not Shown) — As an alternate to Items 7, 7A, 7B, 7C, 7D, 7E and

b. **Cross Tees —** Nom. 4 ft. long, 1-1/2 in. wide face installed at sides of light fixtures, installed perpendicular to the main runners, spaced 24 in. OC. When **Batts and Blankets*** (Item 11A) are used, cross tees spaced 16 in. OC. Additional cross tees used at 8 in. from each side of butted gypsum board (Item 8A) end joints. The cross tees may be riveted or screw attached to the wall angle to facilitate the ceiling installation.

c. **Wall Angle —** Painted or galv steel angle with min. 1-1/2 in. legs attached to walls at perimeter of ceiling with fasteners 16 in. OC to support steel framing member ends and for screw-attachment of the gypsum board.
CERTAINTEED CORP — Types DWS12-13-20, DWS4-13-20, and DWA1.5-1.5

CERTAINTEED CORP — Types EZDWS12-13-20, EZDWS4-13-20, and DWA1.5-1.5

7M. **Steel Framing Members* —** (Not Shown) — For 1, 1-1/2 or 2 Hour Ratings Only — As an alternate to Item 7 — Furring channels and Steel Framing Members* as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to joists. When **Batts and Blankets*** (Item 11) are used, furring channels spaced 16 in. OC. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members* —** Used to attach furring channels (Item a) to joists (Item 1). Clips spaced 48 in. OC and secured to the bottom of the joists with cup washer installation kit provided by manufacturer. On underside of bottom chord, 1-1/2 in. dia x 3/8 in. deep No. 16 galv steel cup washer is placed to surround the rubber insert of clip. Clip attached to the bottom chord with a 1/4 in. dia zinc plated bolt inserted through the center grommet and between the chord members; depth of bolt determined as 1-1/2 in. plus the depth of the bottom chord of the joist. Fastened on the top side of the bottom chord with a second cup washer placed open side up, and a 1/4 in. zinc plated "Nyloc" nut. Furring channels are friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 8.
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

8. **Gypsum Board* —** 5/8 in. thick, 4 ft wide installed with long dimension perpendicular to furring channels and side joints located between joists. End joints in adjacent rows may be staggered or in line. End joints shall be protected with a 3 in. wide backer strip of wallboard to be inserted for entire length of end joint between the two furring channels. The 3 in. wide backer strip is optional for 1 and 2 hour restrained and unrestrained assemblies. Gypsum board secured to furring channels with 1-1/4 in. long self-drilling, self-tapping bugle head screws spaced 12 in. OC. Along side joints, screws located 7/8 in. from board edge.
When **Steel Framing Members*** (Item 7C) are used, gypsum board installed with long dimension perpendicular to cross tees with side joints centered along main runners. Gypsum board fastened to each cross tee with five gypsum board screws (Item 8) with one screw located at the midspan of the cross tee, one screw located 12 in. from and on each side of the cross tee midspan and one screw located 1-1/2 in. from each gypsum board side joint. Except at gypsum board end joints, screws shall be located on alternating sides of cross tee flange. At gypsum board end joints screws shall be located 1/2 in. from the joint. Gypsum board fastened to main runners with screws located 1/2 in. from side joints midway between intersections with cross tees (24 in. OC). End joints of the gypsum board sheets shall be staggered with joints in adjacent gypsum board courses not less than 4 ft OC. Gypsum board sheets screw-attached to flange of wall molding with screws spaced 12 in. OC.

When alternate **Steel Framing Members*** (Item 7E, 7F or 7G) are used, gypsum board installed with long dimension (side joints) perpendicular to the cross channels and 4 ft cross tees and with the side joints centered along the main runners. Gypsum board fastened to cross channels with gypsum board screws located 1/2 in. from butted end joints, with one screw located at the midspan of the cross channel, one screw located 12 in. from and on each side of the channel mid span, and one screw located 2-3/4 in. from each side joint. End joints of the sheets shall be staggered as described above.

When **Steel Framing Members** (Item 7M) are used, one layer of nom 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nom 1 in. long Type S bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered minimum 48 in. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end. The two supporting furring channels shall be spaced approximately 3 in. in from the end joint. Screw spacing along both additional furring channels shall be 8 in. OC. Additional screws shall be placed in the adjacent section of gypsum board into the aforementioned 3 in. extension of the extra butt joint channels. Butt joint furring channels shall be attached with one RESILMOUNT Sound Isolation Clip at each end of the channel.

When **Batts and Blankets*** (Item 11) and **Steel Framing Members*** (Item 7F) are used, rating is limited to 1 Hr, gypsum board installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel gypsum board screws spaced 8 in. OC in the field and 8 in. OC along end joints. Fastened to main runners with 1 in. long gypsum board screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC.

When **Batts and Blankets*** (Item 11) and **Furring Channels** (Item 7I, 7J, 7K, or 7M) are used, rating is limited to 1-1/2 Hr, gypsum board installed with long dimension perpendicular to furring channels. End joints centered along the furring channels. Boards fastened to the furring channels with 1 in. long Type S high/low bugle head screws spaced 8 in. OC. at the perimeter with two screws located 3/4 in. and 4 in. from the board edge; and 12 in. OC. in the field with 2 screws located 3/4 in. and 6 in. from the board edge. End joints shall be staggered with spacing between end joints on adjacent gypsum boards not less than 4 ft. OC.

AMERICAN GYPSUM CO — Type AG-C

CGC INC — Type ULIX

CERTAINTEED GYPSUM INC — Types C, LGFC-C/A.

GEORGIA-PACIFIC GYPSUM L L C — Types TG-C, DAPC

NATIONAL GYPSUM CO — Types FSK-C, FSK-G, FSW-C, FSW-G

UNITED STATES GYPSUM CO — Type C, ULIX

USG BORAL DRYWALL SFZ LLC — Type C

8A. **Gypsum Board* —** When alternate **Steel Framing Members*** (Item 7L) are used - 4 ft wide; installed with long dimension parallel to main runners and perpendicular to cross tees, and attached with screws spaced 8 in. OC on the ends and 8 in. OC in the field with additional screws located 1-1/2 in. from the side edges. Sheets are attached to main tees with screws spaced 8 in. OC with additional screws located 4 in. OC from the side edges. Screws on the sides located 3/4 in. from the side edge of the gypsum board, and screws at the end of the gypsum board located 1/2 in. from the board ends. Joints to be covered with paper tape and joint compound.
CERTAINTEED CORP — Type C

THAI GYPSUM PRODUCTS PCL — Type C

9. **Joint System —** (Not Shown) — Paper tape embedded in joint compound over joints, and covered with two layers of compound with edges feathered out. Gypsum board screw heads covered with two layers of compound.

10. **Air Duct and Damper —** (Not Shown) — Optional — Duct made of min 0.0078 in. thick (35 gauge) galv steel. Total area of duct openings not to exceed 144 sq in. per 100 sq ft of ceiling area. Area of individual duct opening not to exceed 144 sq in. Max dimension of opening 12 in. Duct supported by 1 1/2 in. deep, min 0.061 in. thick (16 gauge) cold-rolled steel channels spaced not over 48 in. O.C. and on each side of duct opening. Channels suspended from upper chord of joists by 12 SWG galv steel wire. Min clearance of 4 in. required between back of ceiling membrane and bottom of air duct.
Damper made of min 0.056 in. thick (16 gauge) galv steel protected on both surfaces with 1/16 in. ceramic fiber paper. Located over each duct outlet, attached to bottom of duct with corrosion resistant hinges and held open with a **Fusible Link** (Bearing the UL Listing Mark). Damper to overlap duct outlet 1 in. min. As an alternate, any UL Classified Ceiling Damper covered for use in 2 Hr or longer rated assemblies. To be installed in duct drop close to the back of ceiling per accompanying installation instructions.

Ducts containing 5 in. diam or smaller duct drops do not require dampers or other protection at the duct drops. Total area of unprotected duct outlets not to exceed 20 sq. in. per 100 sq ft of ceiling area. Area of individual duct opening not to exceed 20 sq. in.

The unprotected and protected duct openings shall not be installed within the same 100 sq. ft. of ceiling area

10A. **Air Duct Materials* —** (Not Shown) — Optional — For the 2 h ratings, as an alternate to Air Duct (Item 10), Rigid Air Duct Materials may be used in accordance with their Fabrication Instructions. The duct outlet throat is positioned at the center of 24 in. long min. 0.029 in. thick (22 gauge) galv steel duct liner. These ducts are supported by min. 0.053 in. thick (16 gauge) cold-rolled steel channels suspended from the joists by 12 SWG galv steel wire. Channels are placed directly below the steel duct liner, one on each side of the throat, and otherwise spaced 72 in. OC for ducts up to 36 in. wide, and 48 in. OC for ducts between 36 and 60 in. wide. Additional supporting channels to be installed at a distance ranging from 3 to 6 in. from the ends of each individual duct section. Min. clearance of 4 in. required between back of ceiling membrane and bottom of air duct. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.
JOHNS MANVILLE — Rigid, Class I

KNAUF INSULATION LLC — Rigid, Class I

OWENS CORNING — Rigid, Class I

10B. **Damper —** (Not Shown) — Optional — For use with Item 10A. Min 0.020 in. thick (25 gauge) galv steel. Protected on both surfaces with 1/16 in. ceramic fiber paper and held open with a Fusible Link (bearing the UL Listing Mark). Damper to overlap duct outlet 1 in. min. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

10C. **Flexible Air Duct —** (Not Shown) — Optional (Bearing the UL Listing Mark). As an alternate to the 5 in. unprotected duct outlet, Nom 8 in. diam consisting of 0.006 in. thick vinyl coated, glass fiber reinforced fabric over helically wound 0.077 in. diam coated spring steel wire. As an alternate, nom 6 in. diam air duct connector consisting of 0.005 in. thick vinyl coated, glass fiber reinforced fabric over helically wound 0.071 in. diam coated spring steel wire. The flexible air duct and/or duct connector is connected to galv steel sleeve (Item 10D) by means of a stainless steel hose clamp. Flexible air duct or duct connector do not require dampers or other protection at ceiling penetrations.
The flexible air duct or air duct connector shall be suspended from structural steel or hanger wire anchors by means of a steel strap near the end connected to the steel sleeve (Item 10D), with the remainder of its length placed on the ceiling furring channels or supported approximately 1 in. or higher above the gypsum board with additional steel straps or hanger wires.

The total area of the flexible air duct opening shall not exceed 50.3 sq in. per each 100 sq ft of ceiling area; max dimension of opening is 8 in. The total area of the air duct connector opening shall not exceed 28.3 sq in. per each 100 sq ft of ceiling area; max dimension of opening is 6 in. Damper is not required when flexible air duct or air duct connector is used.

As an alternate, the flexible air duct may be supported by the metal hanger straps attached directly to the bottom of the concrete slab with powder-actuated pins. Pins, nom 1 in. long, consisting of 0.145 in. diam smooth-finish galv steel shank with 1/4 in. diam head. Pins tightly inserted in 3/8 in. long gear-shaped plastic washers and driven into the slab through both ends of the strap.

When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10D. **Duct Outlet Sleeve —** (Not Shown) — Optional — For use with Flexible Air Duct or Air Duct Connector (Item 10C) at openings in gypsum board ceiling. 4 in. long sleeve made from 28 gauge galv steel for the 8 in. diam opening and from 30 gauge galv steel for the 6 in. diam opening. The sleeve shall be mounted between two 7/8 in. steel angles of 26 gauge galv steel which are placed on top and overlap the adjacent furring channels approximately 3 in. Each angle is tied to the two furring channels with a double strand of 18 SWG galv steel tie wire through 1/8 in. diam hole drilled in the vertical leg of the steel angles. The sleeve is attached to each of the two angles with one 3/8 in. long Tek sheet steel screw. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10E. **Heating and Air Conditioning Plenum Box Outlet —** (Not Shown) — Optional — For the 1-1/2 h ratings, as an alternate to the 5 in. diam unprotected duct outlet. 14 by 14 in. opening penetrating the ceiling. Fabricated from pieces of min 26 MSG galv steel, attached together with lock seams and rivets. Finished box size 16 by 16 by 15 in. outside dimensions. Opposite sides of the box have 10 in. diam openings. The open bottom of the box has 1 in. wide flanges at the four sides to engage into hemmed hanger bars for attaching the box to the furring channels. Hanger bars consist of 1 in. wide plates made from No. 26 gauge galv steel, folded back to form a 5/8 in. return at the top side, for engaging the horizontal flanges at the bottom of the plenum box outlet. The top and the four sides of the box, except for the 10 in. diam openings, shall be lined with 1 in. thick UL Classified fiberglass insulation weighing nom 5 pcf. The 10 in. diam openings on two opposing sides of the box shall be provided with nom 3 in. long collars fabricated from No. 28 gauge galv steel for connecting the box to the nom 10 in. diam flexible air ducts (Item 10F). Box and flexible air duct suspended directly from hanger clips (Item 6B) by hanger wires connected to hanger straps made from 1 in. wide, No. 26 MSG galv steel, spaced max 30 in. OC. As an alternate the strap may be directly attached to the slab by the powder-driven galv steel fasteners described to support the flexible air duct in Item 10C. Top of the box to be min. 5 in. below the bottom plane of the steel floor and form units. Only one 14 by 14 in. outlet is allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

10F. **Flexible Air Duct —** (Not Shown) — Optional — For use with Item 10E. Bearing the UL Listing Mark. 10 in. ID, with a spirally wound steel wire helix (0.045 in. diam wire) covered with vinyl fiber. Core covered with 1 in. thick UL Classified fiberglass insulation weighing 1.0 pcf. Flexible air duct wrapped with outer jacketing consisting of aluminized scrim reinforced foil. Flexible air duct attached to box (Item 10E), attached to collars with adjustable 10-1/2 in. diam, 9/16 in. wide hose clamp made of 0.024 in. thick stainless steel. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

10G. **Heating and Air Conditioning Plenum Box Outlet —** (Not Shown) — Optional — For the 2 h ratings (1-1/2 h when combined with Item 10O), as an alternate to the 5 in. diam unprotected duct outlet. 8 by 10 in. opening penetrating the ceiling. Four sides of box formed from one 5 in. wide strip of No. 28 gauge galv steel, with ends of strip overlapping 3/4 in. and fastened together with two 1/4 in. diam punches. The bottom 1 in. of the strip forming the box sides, bent 90 deg to the outside of the box forming horizontal flanges around the perimeter of the box to engage into hanger bars for supporting the box assembly. Sides of the box lined with 1 in. thick fiberglass insulation weighing nom 5 pcf. Fiberglass lining to be supported on a 1 in. wide steel plate attached at the bottom perimeter of the box's four sides. Top of the box fabricated from No. 28 gauge galv steel with 8 in. diam cutout at the center. Edges of the steel plate forming the top of the box bent down around the box's side perimeter and riveted to the four sides of the box by one rivet at the center of each side. Top of the box, except for the 8 in. cutout, also lined with 1 in. thick UL Classified fiberglass insulation, weighing 5 pcf. Top insulation lining, having 8 in. diam cutout at the center, bears along its perimeter on the 1 in. thick fiberglass lining at the box sides. The 8 in. diam cutout at the top of the box connected to a 4 in. long, 8 in. diam sleeve made from No. 28 gauge galv steel for top mounting of an 8 in. flexible air duct (Item 10H). Flexible air duct suspended by a hanger wire from hanger clip (Item 6B), connected to a nom 1 in. wide, No. 26 MSG galv steel plumbing strap wrapped around the flexible air duct near its connection to the box. As an alternate the strap may be directly attached to the slab by the powder-driven galv steel fasteners described to support the flexible air duct in Item 10C. The remainder of the flexible air duct length placed on the ceiling furring channel or supported min. 1 in. above the gypsum board with additional steel straps or hanger wires.
Only one 8 by 10 in. box outlet is allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10H. **Flexible Air Duct —** (Not Shown) — Optional — (Bearing the UL Listing Mark) — For use with Item 10G, nom 8 in. diam, consisting of 0.005 in. thick vinyl-coated reinforced fiberglass fabric, wrapped over helically wound 0.038 in. diam coated spring steel wire. Flexible air duct attached to box sleeve with adjustable 8-1/2 in. diam, 9/16 in. wide hose clamp made from 0.024 in. thick stainless steel. For use with Item 10S, nom 9 in. diam, consisting of 0.005 in. thick vinyl-coated reinforced fiberglass fabric, wrapped over helically wound 0.038 in. diam coated spring steel wire. Flexible air duct attached to box sleeve with adjustable 9-1/2 in. diam, 9/16 in. wide hose clamp made from 0.024 in. thick stainless steel. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10I. **Heating and Air Conditioning Plenum Box Outlet —** (Not Shown) — Optional — For the 2 h ratings (1-1/2 h when combined with Item 10O), as an alternate to the 5 in. diam unprotected duct outlet. 10 by 10 in. opening penetrating the ceiling. Box fabricated from pieces of No. 28 gauge galv sheet steel and riveted together. Finished box size: 12 by 12 by 12 in. One side of the box has 10 in. diam opening. Box top and four sides of the box except the 10 in. cutout for opening, have 1 in. thick of UL Classified fiberglass, 5 pcf. Neck at side opening consisting of 10 in. diam sleeve fabricated from 3-1/2 in. wide strip of No. 28 gauge galv steel. One end of the sleeve notched 1/8 by 3/4 in. at 5/8 in. OC along its perimeter and bent 90 deg against the fiberglass lining around the 10 in. diam opening to secure the sleeve to the box. The sleeve to be connected to a 10 in. diam, UL Listed side-mounted flexible air duct (Item 10J). Flexible air duct suspended by a hanger wire from hanger clip (Item 6B), connected to a nom 1 in. wide, No. 26 MSG galv steel plumbing strap wrapped around the flexible air duct at its connection to the box's sleeve. As an alternate the strap may be directly attached to the slab by the powder-driven galv steel fasteners described to support the flexible air duct in Item 10C. The remainder of the flexible air duct length placed on the ceiling furring channel or supported min. 1 in. above the gypsum board with additional steel straps or hanger wires.
Only one 10 by 10 in. box outlet is allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10J. **Flexible Air Duct —** (Not Shown) — Optional — (Bearing the UL Listing Mark) For use with Item 10I. Nom 10 in. diam consisting of 0.002 in. thick vinyl-coated reinforced fiberglass fabric, wrapped over helically wound 0.051 in. diam, coated spring steel wire. Flexible air duct attached to box sleeve with adjustable 10-1/2 in. diam, 9/16 in. wide hose clamp made from 0.024 in. thick stainless steel. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10K. **Fixtures, Recessed Light —** (Not Shown) — Optional — (Bearing the UL Listing Mark) — For the 1-1/2 h ratings , as an alternate to the 5 in. diam unprotected duct outlet. A max of four fixtures per 100 sq ft of ceiling area. Fixture housing 6-1/2 in. diam, 7-1/2 in. high, made from painted or galv steel. Each fixture supported on a base 6-1/2 in. by 9-7/8 in., made from painted or galv steel and screw-attached to the fixture by four screws. Each fixture with trim and lens weighs 4 lb max. Short sides of the base containing tabs for engagement into adjustable hanger bars supporting the fixture. Each fixture hanger bar screw-attached at one end to the ceiling furring channel and at the other end to additional furring channel parallel to and at 9 in. from the ceiling furring channel. Fixture trim 8 in. OD with a 5-1/4 in. inside diam opening to support a 5-3/8 in. diam diffused glass lens. Each fixture may be activated with nom 1 in. diam UL Listed electrical nonmetallic tubing wired with three No. 12 AWG Type THWN copper conductor wires or a UL Listed nonmetallic sheathed cable with three No. 12 AWG Type THWN copper conductor wires.

10L. **Fixture, Recessed Light —** (Not Shown) — Optional — (Bearing the UL Listing Mark) — For the 2 h ratings (1-1/2 h when combined with Item 10O), as an alternate to the 5 in. diam unprotected duct outlet. Fluorescent lighting fixture with 12 by 12 by 5-1/2 in. aluminum housing, lampholder, ballast for fluorescent lamp and nom 2-1/2 by 4 by 2-1/4 in. deep galv steel junction box attached to one side of the light housing. Penetration of light into the ceiling is 7-3/4 in. diam max. Light fixture weighs 8 lbs max. Hanger tabs of light fixture wire-tied to nom 27 in. long cold-rolled steel channels on both sides of fixture. Ends of cold-rolled channels supporting the fixture wire-tied to top surface of two consecutive ceiling furring channels using No. 18 SWG galv steel tie wire. Light fixture may be activated with a 3/4 in diam electrical nonmetallic tubing (ENMT) containing three No. 12 or No. 14 AWG Type THHN wire; or nonmetallic sheathed cable with two conductors with grounding, or 1/2 in. diam flexible metal conduit containing three No. 12 AWG Type THHN wires. Only one fixture is allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10M. **Exhaust Fan —** (Not Shown) — Optional — (Bearing the UL Listing Mark) — For use with Item 10O for the 2 h ratings, as an alternate to the 5 in. diam unprotected duct outlet. Frame made of painted steel measuring 7-1/2 by 7-1/8 by 3-5/8 in. Fan gross weight 3.75 lb max. The ceiling penetration from the exhaust fan shall not exceed 7-1/2 by 7-1/8 in. The installation of the exhaust fan requires an additional furring channel parallel to the ceiling channel and tied to two consecutive cold rolled channels or joists bottom chord. Fan screw-attached from one side to the ceiling furring channel and from the other side to the additional furring channel with two screws at each side through holes predrilled in the fan housing. Fan wired with a UL Listed nonmetallic sheathed cable with three No. 12 AWG conductors. Fan includes a 3 in. diam exhaust steel duct fastened to the outlet with aluminum foil tape.

Only one exhaust fan penetration and one ceiling runner penetration are allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

10N. **Electrical Junction Box —** (Not Shown) — Optional — Bearing the UL Listing Mark. Max 4 in. diam steel junction box with cover plate flush with ceiling. Attached with two 3/8 in. long steel screws to a section of steel furring channel placed on top and perpendicular to ceiling furring channels (Item 7), with its ends extending about 5 in. beyond the adjacent ceiling furring channels. Electrical cable to be supported from the steel joists, cold-rolled channels (Item 7A) or hanger clips (Item 6B). As an alternate the electrical junction box may be supported by a 2 by 4 in. wood nailer screw-attached to the furring channels using two screws per each wood nailer.
For the 2 h ratings, only one junction box is allowed per 100 sq ft of ceiling area in addition to the 5 in. diam unprotected duct outlet. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

For the 3 h ratings, only one junction box is allowed per 100 sq ft of ceiling area as an alternate to the 5 in. diam unprotected duct outlet. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 2 hour.

10O. **Ceiling Runner Penetration —** (Not Shown) — Optional — Framing consisting of either nominal 4 or 6 in. wide steel C-channels with 2 in. flanges; or nominal 2x4 or 2x6 plates of structural grade lumber runner into stud cavity of steel or structural grade lumber stud sheathed with generic unclassified gypsum wallboard partition (Not Shown). Bottom runner suspended by hanger wires tied to a cold rolled channel (Item 7A) running parallel to the runner. Hanger wires used for supporting the bottom runner and penetrating the top runner shall be spaced a max 12 in. OC. Top runner placed directly above, and screw-attached to web of 24 in. long pieces of furring channel, spaced at 16 in. OC. One in. long pieces of the supporting channel's web removed at both ends with the steel surfaces on both flanges bent 90 deg, for screw-attaching the supporting channels to the main ceiling furring channels. The top cold rolled channel supporting the suspended boxed partition shall be directly suspended from hanger clips, Item 6B. Bottom of partition protected with two layers of gypsum board (Item 8) as shown.
For the 2 h ratings, only one ceiling runner penetration together with one exhaust fan. (Item 10M) are allowed per 100 sq ft of ceiling area as an alternate to the 5 in. diam unprotected duct outlet. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

For the 1-1/2 h ratings only one ceiling runner penetration together with one of the following combinations are allowed per 100 sq ft of ceiling area as an alternate to the 5 in. diam unprotected duct outlet: When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

(a) One heating and air conditioning plenum box outlet with flexible air duct (Items 10G and 10H); or

(b) One heating and air conditioning plenum box outlet with flexible air duct (Items 10I and 10J); or

(c) One recessed light fixture (Item 10L); or

(d) One heating and air conditioning plenum box outlet with flexible air duct (Items 10S and 10H).

For the 1 h ratings, only one ceiling runner penetration together with Nonmetallic Pipes (Item 10P) are allowed per 100 sq ft of ceiling area as an alternate to the 5 in. diam unprotected duct outlet.

10P. **Nonmetallic Pipes —** (Not Shown) — Optional — For the 1 h floor-ceiling ratings, as an alternate to the 5 in. diam unprotected duct outlet. Nom 2 in. and 4 in. diam Schedule 40 PVC (polyvinyl chloride) or CPVC (chlorinated polyvinyl chloride) supply or drain, waste and vent piping system. PVC or CPVC pipes penetrate the ceiling runner into stud cavity of steel or structural grade lumber stud sheathed with generic unclassified gypsum wallboard partition (Item 10O). The PVC or CPVC pipes are supported by hanger straps in conjunction with steel hanger wires suspended from hanger clips, Item 6B. As an alternate the strap may be directly attached to the slab by the powder-driven galv steel fasteners described to support the flexible air duct in Item 10C. The spacing of hanger straps supporting the pipes shall not exceed 25 in. OC. Only one nom 4 in. diam PVC or CPVC pipe and one nom 2 in. diam PVC or CPVC pipe are allowed per 100 sq ft of ceiling area. Min clearance of 4 in. required between back of ceiling membrane and bottom of nonmetallic pipes.

10Q. **Alternate Penetrating Items —** (Not Shown) — Optional — One or all of the following may be used in conjunction with 10P: ENMT (Non-metallic tubing), Romex Cable, and an additional bundle of tubing including 2 copper tubes (7/8 in. diam), non-metallic pipe (1 in. diam schedule 40 PVC), and non-metallic wire (low voltage). These items are located within the stud cavity of a gypsum wallboard rated or non-rated partition. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

10R. **Heating and Air Conditioning Plenum Box Outlet —** Optional — For the 1 hr ratings as an alternate to the 5 in. diam unprotected duct outlet (Item 10). Plenum box outlet 18 in. by 18 in. by 19 in. high penetrating the ceiling, with 16 by 16 in. clear opening. Sides and top of the box fabricated from Listed Air Duct, Class 1, 1 in. thick rigid fiberglass boards. The box attached from two opposite sides to 1-1/4 by 1-3/4 by 0.037 in. thick galv steel angles. The 1-3/4 in. vertical side of the steel angles adhered to the outside board of the box with a 2-1/2 in. wide continuous Listed Air Ducts and Air Connectors pressure sensitive aluminum foil duct tape. The horizontal side of the steel angle supported on, and screw-attached to two consecutive 1 in. deep, 2.5 in. wide, .020 in. thick galv furring channels with two 1/2 in. long No. 6 Type S washer screws near each of the four corners of the box. The box extends 2-1/2 in. below the gypsum wallboard ceiling, and its top has min 2 in. clearance from the bottom of the concrete slab. Two opposite sides of the box, which have 10 in. diam cutouts, also have steel sleeves built in to accommodate the flexible air ducts. The sleeves made from 3-1/2 in. wide strips, fabricated from No. 28 ga galv steel, with one of its sides notched 1/8 by 3/4 in. at 5/8 in. OC, bent 90 degree against the fiberglass side board through the cutout to secure the sleeve to the box. The 10 in. diam Listed flexible air ducts mounted on, and secured to the sleeves with nom 3/8 in. wide, 1/16 in. thick vinyl hose clamps. A 10 by 10 in. (inside) square, Listed Air Duct Materials, fabricated from 1 in. thick fiberglass board, supported from one end on a 12 by 12 in. cutout in a third side of the plenum box outlet and taped around the connected perimeter of the duct to the box outlet exterior side, with a 2-1/2 in. wide Listed pressure sensitive aluminum foil duct tape. The three air ducts are supported with 1 in. wide, 0.021 in. thick galv steel straps near the ends connected to the box. The straps placed around the bottom of ducts, secured to the bottom of the concrete slab with powder-actuated 1 in. long, 0.145 in. diam shank, with 1/4 in. diam head steel pins having a 3/8 in. diam plastic retainer washer. The ducts are draped on the furring channels. Only one 16 by 16 in. box outlet opening is allowed per 100 sq ft of ceiling area. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1 hour.

10S. **Heating and Air Conditioning Plenum Box Outlet —** (Not Shown) — Optional — For the 2 h ratings (1-1/2 h rating when combined with Item 10O), as an alternate to the 5 in. diam unprotected duct outlet. 10 by 10 in. opening penetrating the ceiling. Outlet box measuring 12 by 12 by 7 in. outside, fabricated from 1 in. thick UL Classified fiberglass insulation boards. Box supported from two sides with 1 in. by 1 in., 25 gauge thick galv steel angles, by adhering the angles to the box sides with aluminum duct tape. Angles supported on and screw-attached to two consecutive furring channels. Box has a 9 in. diam cutout at the top to install a steel sleeve to connect the box to a flexible air duct. Sleeve fabricated from 3-1/2 in. wide strip of 28 gauge galv steel, bent to form a 9 in. diam collar, with its bottom perimeter notched 1/8 by 3/4 in. at 5/8 in. OC and bent 90 degrees against the bottom surface of the box top. Flexible Air Duct (Item 10H) mounted on the collar of the sleeve and secured with hose clamp. The top curved part of the air duct supported with a 1 in. wide, 28 MSG galv steel strap and secured to the slab by the powder-driven fasteners described in Item 10C. When the gypsum board end joints are not protected with 3 in. wide backer strips (as described in Item 8), the rating is limited to 1-1/2 hour.

11. **Batts and Blankets* —** (Not Shown) — Optional — Rating is limited to 1 Hr. when used with Steel Framing Members* (specifically Item 7F) - Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over steel framing members/gypsum wallboard ceiling membrane. Rating is limited to 1-1/2 Hr. when used with **Furring Channels*** (specific to Items 7, 7I, 7J, 7K or 7M) - Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over steel framing members/gypsum wallboard ceiling.

11A. **Batts and Blankets* —** (Not Shown) — Optional — when using **Steel Framing Members*** (Item 7L) and **Gypsum Board*** (Item 8A) - min. 3-1/2 in. thick, min. density 0.9 lb/ft^3 unfaced fiberglass batt insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over steel framing members/gypsum board ceiling membrane and light fixture protection.

12. **Stepped Ceiling (Optional) —** Limited to 2 Hr. ratings, with steel joists as specified in Item 1, spaced max 48 in. OC. When the intent is to have a stepped ceiling to accommodate duct work, the stepped ceiling may be constructed as shown. Stepped ceiling size limited to 18 in. max depth and 50 in. max width. Stepped ceiling not to be used with ceiling grid systems. Duct specifications and its independent support/suspension, minimum clearance to back of ceiling membrane, opening size, diffusers and other accessories shall be installed and limited to the conditions detailed in design text above. All other details of the assembly not part of the stepped ceiling as described as follows, shall be as per the general text of the design.
12A. **Steel Stud and Track —** 3-5/8 in. wide by 1-5/8 in. deep, min 0.033 in. thick (20 gauge) steel studs with 9/16 in. folded back return on stud flange legs. Top track fastened to each joist with No. 12 screws. Top and bottom tracks fastened to studs on both sides with No. 8 screws.

12B. **Cold-Rolled Channels —** 1-1/2 in. deep with 7/16 in. flanges, min. 0.053 in. thick (16 gauge) steel channels, spaced max 48 in. OC. Channels fastened to each stud/track support (Item 12A) at both ends with No. 12 screws.

12C. **Steel Angles —** 1-3/4 in. by 1-3/4 in. min. 0.053 thick (16 gauge) steel angles. Angles fastened to each stud/track support (Item 12A) at both ends with No. 12 screws.

12D. **Furring Channels —** 7/8 in. high, 2-5/8 in. base width and 1-1/4 in. face, min 0.021 in. (25 gauge) galv steel furring channels spaced max 16 in. OC. Furring channels fastened to each stud/track support (Item 12A) and cold rolled channel (Item 12B) with No. 12 screws.

12E. **Gypsum Board* —** Gypsum board as specified in Item 8 installed on the horizontal and vertical portions of the stepped ceiling. Gypsum board installed perpendicular to the furring channels with no end joints on the horizontal portion of the stepped ceiling and installed perpendicular to the furring channels with no side joints on the vertical portion of the stepped ceiling. Each side joint on the horizontal portion of the stepped ceiling shall be protected with a 3 in. wide backer strip of wallboard, inserted over the entire length of the side joint. Gypsum board secured to furring channels and steel studs with 1-1/4 in. long self-drilling, self-tapping bugle head screws spaced max 8 in. OC. Screws located 7/8 in. from board edge along the side and end joints. Drywall compound applied in two coats to screw heads and joints, with embedded paper tape to all joints.

12F. **Corner Bead —** (Not Shown) 1-1/4 in. by 1-1/4 in. min 0.033 in. thick (20 gauge) steel legs. Legs perforated with 1/4 in. diameter holes approx. 1 in. OC. Attached to wallboard corners of the stepped ceiling with special crimping tool approx. 6 in. OC. As an alternate, corner bead may be nailed to the wallboard. Drywall compound applied in two coats to corner joints.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2024-05-20

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S

THE FRANCIS - 02.22025.00

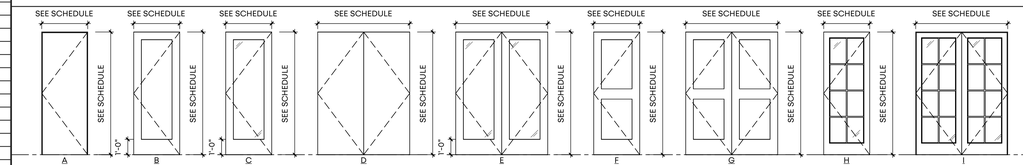
LRK_DOOR SCHEDULE - COMMON

MARK		SIZE WIDTH	HEIGHT	THICK	RATING	TYPE	MATERIAL	FINISH	FRAME	HARDWARE SET NO.	LOCATION	REMARKS
F.F.E.												
101		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
101a		3'-0"	8'-0"	1 3/4"	90 MIN	C	STL	PTD	HM	EE		
102		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
103		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
103a		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	EE		
104		3'-0"	8'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	NN		
104a				2"		X	STL	PTD				
105		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM			
105a	PR	3'-0"	8'-0"	1 3/4"		D	STL	PTD	HM	HH		
106		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
107		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	MM		
108		3'-0"	8'-0"	1 3/4"		C	STL	PTD	HM	FF		
109	PR	3'-0"	8'-0"	1 3/4"		D	STL	PTD	HM	HH		
110		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
111		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	GG		
112		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	FF		
113		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
114		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
114a		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	EE		
115		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
116		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
117		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
117a		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	EE		
118		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	II		
119		3'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	FF		
120		2'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
121		3'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	FF		
122		3'-0"	6'-8"	1 3/4"	45 MIN	A	STL	PTD	HM	II		
122a	PR	3'-0"	6'-8"	1 3/4"		D	STL	PTD	HM	HH		
123		3'-0"	6'-8"	1 3/4"	45 MIN	A	STL	PTD	HM	MM		
124		3'-6"	6'-8"	1 3/4"	45 MIN	A	STL	PTD	HM	MM		
125		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
126		3'-6"	6'-8"	1 3/4"	90 MIN	A	STL	PTD	HM	OO		
126a				2"		G105	STL	PTD				
127		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	FF		
128	PR	3'-0"	8'-0"	1 3/4"		D	STL	PTD	HM	HH		
129		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	DD		
129a		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	EE		
130		3'-6"	8'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	CC		
131		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	BB		
131a		3'-0"	8'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
132		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	KK		
133		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	BB		
133a		3'-0"	8'-0"	1 3/4"	45 MIN	C	ALM	PREFIN	ALUM	KK		
134		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PREFIN	HM	KK		
760		2'-6"	8'-0"	1 3/4"		A						
761	PR	1'-6"	8'-0"	1 3/4"		RE: ID						
A101	PR	3'-0"	8'-0"	1 3/4"		E	ALUM	PREFIN	ALUM	QQ		
A101a		3'-0"	8'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	II		
A101b		3'-0"	8'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	II		
A102	PR	3'-0"	8'-0"	1 3/4"		RE: ID	WD	PTD	WD	NN		
A102a	PR	3'-0"	8'-0"	1 3/4"		RE: ID	WD	PTD	WD	NN		
A104		3'-0"	8'-0"	1 3/4"		H	WD	PTD	WD	PP		
A106		2'-6"	8'-0"	1 3/4"		RE: ID	MDF	PTD	WD	MM		
A107		3'-0"	8'-0"	1 3/4"		F	MDF	PTD	WD	MM		
A108		2'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
A109		3'-0"	8'-0"	1 3/4"		F	MDF	PTD	WD	PP		
A110		3'-0"	8'-0"	1 3/4"		F	MDF	PTD	WD	PP		
A111	PR	1'-6"	8'-0"	1 3/4"		I	WD	PTD	WD	NN		
A111a	PR	3'-0"	8'-0"	1 3/4"		E	ALUM	PREFIN	ALUM	JJ		
A112	PR	1'-6"	8'-0"	1 3/4"		RE: ID	MDF	PTD	WD	MM		
A113		2'-10"	8'-0"	1 3/4"		H	WD	PTD	WD	PP		
A114	PR	3'-0"	8'-0"	1 3/4"		E	ALUM	PREFIN	ALUM	JJ		
A115		3'-0"	8'-0"	1 3/4"		H	WD	PTD	WD	OO		
A115a		3'-0"	8'-0"	1 3/4"		RE: ID	MDF	PTD	WD	OO		
A117		3'-0"	8'-0"	1 3/4"		F	MDF	PTD	WD	NN		
A118		3'-0"	8'-0"	1 3/4"		RE: ID	MDF	PTD	WD	MM		
A119		2'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
A121		3'-0"	8'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	II		
A121a	PR	3'-0"	8'-0"	1 3/4"		D	STL	PTD	HM	HH		
A122a		3'-0"	8'-0"	1 3/4"		C	STL	PTD	HM	KK		
A123		3'-0"	8'-0"	1 3/4"	45 MIN	F	STL	PTD	HM	OO		
A124		2'-6"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
A125		3'-0"	8'-0"	1 3/4"		H	WD	PTD	WD	NN		
A126		3'-0"	8'-0"	1 3/4"		RE: ID	MDF	PTD	WD	NN		
A127		3'-0"	8'-0"	1 3/4"		F	MDF	PTD	WD	NN		
G101		3'-0"	8'-0"	2"		G96	STL	PREFIN	STL			
G101a		12'-0"	8'-0"	2"		G97	STL	PREFIN	STL			
G101b		12'-0"	8'-0"	2"		G97	STL	PREFIN	STL			
LEVEL 02												
201		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
202		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
203		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
204		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
205		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
206		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
207		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
209		3'-0"	6'-8"	1 3/4"	90 MIN	D	STL	PTD	HM	AA		
210		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
211		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
212		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
213		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
214		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
215		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
216		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
216a		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	DD		
217		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
217a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
218		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
219		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
219a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
220		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
221		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
LEVEL 03												
301		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
302		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
303		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
304		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
305		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
306		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
307		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
309		3'-0"	6'-8"	1 3/4"	90 MIN	D	STL	PTD	HM	AA		
310		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
311		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
312		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
313		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
314		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
315		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
316		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
316a		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	DD		
317		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
317a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
318		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
319		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
319a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
320		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
321		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
LEVEL 04												
401		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
402		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
403		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
404		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		

LRK_DOOR SCHEDULE - COMMON

MARK		SIZE WIDTH	HEIGHT	THICK	RATING	TYPE	MATERIAL	FINISH	FRAME	HARDWARE SET NO.	LOCATION	REMARKS
405		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
406		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
407		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
409		3'-0"	6'-8"	1 3/4"	90 MIN	D	STL	PTD	HM	AA		
410		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
411		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
412		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
413		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
414		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
415		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
416		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
416a		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	DD		
417		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
417a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
418		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
419		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
419a		3'-0"	7'-0"	1 3/4"	45 MIN	C	ALUM	PREFIN	ALUM	KK		
420		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
421		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
LEVEL 05												
501		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
502		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
503		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
504		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
505		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
506		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
507		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
509		3'-0"	6'-8"	1 3/4"	90 MIN	D	STL	PTD	HM	AA		
510		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
511		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
512		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
513		3'-0"	8'-0"	1 3/4"		A	STL	PTD	HM	MM		
514		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
515		3'-0"	8'-0"	1 3/4"	45 MIN	B	STL	PTD	HM	NN		
516		3'-0"	8'-0"	1 3/4"	90 MIN	B	STL	PTD	HM	DD		
517		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
518		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
519		3'-0"	7'-0"	1 3/4"	90 MIN	A	STL	PTD	HM	BB		
520		3'-0"	7'-0"	1 3/4"	45 MIN	A	STL	PTD	HM	LL		
TRUSS BEARING												
614		3'-0"	6'-8"	1 3/4"	90 MIN	A	STL	PTD	HM	EE		

DOOR ELEVATION TYPES



NOTES

- REFER TO INTERIOR DESIGN SCHEDULE FOR DOOR ELEVATIONS LOCATED IN AMENITY AREAS
- ALL HINGES TO BE SQUARE.
- ALL ACCESSORY HARDWARE AT DOORS TO TO BE COLOR MATCHED TO LEVERS. COLORS LISTED ON INTERIOR DESIGN SCHEDULE.
- PROVIDE NARROW STILE CROSSBAR PUSH EXIT DEVICES AT STOREFRONT OR FULL LITE EGRESS DOORS.
- DOOR CLOSERS TO BE CONCEALED.
- GLASS IN DOORS TO BE TEMPERED.

HARDWARE SCHEDULE - COMMON

HARDWARE SET NO.	QTY.	TYPE
SET AA		**DOUBLE EGRESS FIRE BARRIER (PANIC)**
	8	HINGES (STANDARD) 4 EACH DOOR
	2	EXIT DEVICE W/ CONCEALED VERTICAL ROD (TOP AND BOTTOM ROD)
		NO TRIM ON NON-EXIT SIDE (1 EACH DOOR)
	2	SURFACE SELF CLOSURE (1 EACH DOOR)
	2	MAGNETIC DOOR HOLDERS (1 EACH DOOR)
	1 SET	SILENCERS
		THIS DBL DOOR PROVIDES HORIZONTAL EGRESS PATH IN EACH DIRECTION
SET BB		**FIREWALL AT GARAGE (THERMAL)**
	4	HINGES (STANDARD)
	1	LEVER PASSAGE SET
	1	SURFACE SELF CLOSER
	1	SILENCERS
	1 SET	GASKETING
	1	THRESHOLD
SET CC		**FIREWALL AT GARAGE (PANIC)**
	4	HINGES (STANDARD)
	1	EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	SURFACE SELF CLOSER
	1	SILENCERS
	1 SET	GASKETING
	1	THRESHOLD
SET DD		**FIRE BARRIER AT STAIR (PANIC)**
	4	HINGES (STANDARD)
	1	PUSH BAR EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
	1	SURFACE SELF CLOSER
	1 SET	SILENCERS
SET EE		**FIRE BARRIER AT STAIR (PANIC) EXTERIOR**
	4	HINGES (STANDARD)
	1	EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	SURFACE SELF CLOSER
	1 SET	GASKETING
	1	DRIP EDGE
	1	THRESHOLD
SET FF		**EXTERIOR EXIT (PANIC)**
	4	HINGES (STANDARD)
	1	EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	CONCEALED SELF CLOSER
	1 SET	GASKETING
	1	DRIP EDGE
	1	THRESHOLD
SET GG		**EGRESS FIRE BARRIER EXIT (PANIC)**
	4	HINGES (STANDARD)
	1	EXIT DEVICE W/ CONCEALED VERTICAL ROD (TOP AND BOTTOM ROD)
	1	EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
	1	(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	SURFACE SELF CLOSURE
	1 SET	GASKETING
	1	THRESHOLD
		THIS DOOR PROVIDES HORIZONTAL EGRESS PATH IN ONE DIRECTION
SET HH		**DOUBLE EXTERIOR EXIT (PANIC & FREE ACCESS BUT LOCKABLE @ ELECTRICAL)**
	8	HINGES (STANDARD) 4 EACH DOOR
	2	EXIT DEVICE W/ CONCEALED VERTICAL ROD (TOP AND BOTTOM ROD)
	2	LEVER ENTRANCE SET
	1	DEADBOLT STRIKE PLATE
	1	CONCEALED SELF CLOSER
	1 SET	GASKETING
	1	DRIP EDGE
	1	THRESHOLD

HARDWARE SET NO.	QTY.	TYPE
SET II		**INTERIOR EXIT (PANIC)**
	4	HINGES (STANDARD)
	1	EXIT DEVICE W/ LEVER PASSAGE TRIM ON NON-EXIT SIDE
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	CONCEALED SELF CLOSER
	1 SET	SILENCER
SET JJ		**DOUBLE EXTERIOR EXIT (PANIC) FROM POOL**
	8	HINGES (STANDARD) 4 EACH DOOR
	1	EXIT DEVICE W/ CONCEALED VERTICAL ROD (TOP AND BOTTOM)
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	CONCEALED SELF CLOSER
	1 SET	GASKETING
	1	DRIP EDGE
	1	THRESHOLD
	1	ALARM TIED TO FIRE ALARM
SET KK		**PROTECTED EXTERIOR ACCESS**
	4	HINGES (STANDARD)
	1	LEVER PASSAGE TRIM
	1	(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	SURFACE SELF CLOSER
	1 SET	GASKETING
	1	THRESHOLD
SET LL		**EXTERIOR RESTRICTED ACCESS**
	4	HINGES (STANDARD)
	1	LEVER STOREROOM SET
	1	SURFACE SELF CLOSER
	1 SET	GASKETING
	1	THRESHOLD
SET MM		**INTERIOR RESTRICTED ACCESS**
	4	HINGES (STANDARD); (CONCEALED WHEN DOOR FACING RESIDENTIAL CORRIDOR)
	1	LEVER STOREROOM SET
	1	SURFACE SELF CLOSER
	1 SET	SILENCERS
SET NN		**INTERIOR (FREE ACCESS BUT LOCKABLE)**
	4	HINGES (STANDARD)
	1	LEVER CLASSROOM SET
	1	SURFACE SELF CLOSER
	1 SET	SILENCERS
SET OO		**INTERIOR (ACCESS CONTROL AND LOCKABLE)**
	4	HINGES (STANDARD)
	1	LEVER CLASSROOM SET
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	SURFACE SELF CLOSER
	1 SET	SILENCERS
SET PP		**INTERIOR (FREE ACCESS)**
	4	HINGES (STANDARD)
	1	LEVER PASSAGE SET
	1	SURFACE SELF CLOSER
	1 SET	SILENCERS
SET QQ		**DOUBLE EXTERIOR EXIT (PANIC)**
	8	HINGES (STANDARD) 4 EACH DOOR
	1	EXIT DEVICE W/ CONCEALED VERTICAL ROD (TOP AND BOTTOM)
		(COORDINATE WITH ACCESS CONTROL REQUIRED AT THIS DOOR)
	1	CONCEALED SELF CLOSER
	1 SET	GASKETING
	1	DRIP EDGE
	1	THRESHOLD

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

DOOR SCHEDULES

Drawn By: CBB

Checked By: HC

A610

5/8/2025 5:18:07 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt

DOOR NOTES

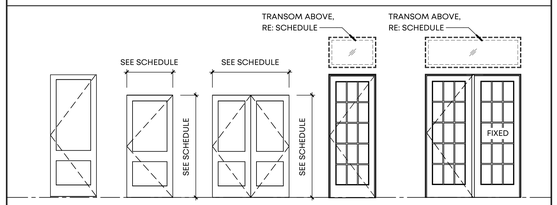
COMMON DOOR NOTES:
1. SEE SPECIFICATIONS FOR DOOR GLAZING. ALL DOOR GLAZING TO BE TEMPERED PER IBC 2021 SECTION 2406.
2. ALL SWING DOOR HARDWARE SETS TO BE LEVER STYLE UNLESS NOTED OTHERWISE.
3. ALL DOOR THRESHOLDS SHALL MEET THE MAXIMUM HEIGHT AND SLOPE REQUIREMENTS OF ANSI A117.1.

GENERAL NOTES:
1. SEE SPECIFICATIONS FOR DOOR GLAZING TO BE TEMPERED PER IBC SECTION 2406.
2. ALL SWING DOOR HARDWARE SETS TO BE LEVER STYLE UNLESS NOTED OTHERWISE.
3. ALL PRIMARY UNIT ENTRY DOOR THRESHOLDS SHALL MEET THE MAXIMUM HEIGHT AND SLOPE REQUIREMENTS OF THE FAIR HOUSING ACT.
4. PROVIDED DOOR VIEWER IN ALL UNIT PRIMARY ENTRY DOORS CENTERED AT 48" MAXIMUM ABOVE FINISHED FLOOR.
5. AT MECHANICAL CLOSETS THAT NEED TO BE PLENUM RATED, MECHANICAL DOORS TO HAVE INTUMESCENT COATING ON THE INSIDE OF THE CLOSET AT AND ABOVE THE MECHANICAL UNIT PLATFORM. INTUMESCENT COATING TO BE ON ANY WOOD SURFACES INSIDE OF CLOSET, INCLUDING THE PLATFORM.
6. ALL INTERIOR UNIT DOORS TO HAVE 3/4" UNDERCUT, REFER TO MECHANICAL FOR ADDITIONAL INFORMATION.

LRK_DOOR SCHEDULE - UNITS

MARK	SIZE				RATING	ELEVATION	MATERIAL	FINISH	FRAME	HARDWARE SET NO.	LOCATION	REMARKS
		WIDTH	HEIGHT	THICK								
1		3'-0"	8'-0"	1 3/4"	20 MIN	U1	SOLID CORE WOOD	PAINTED	METAL	SET A	UNIT ENTRY	VIEWER HOLE, NO KNOCKER
2		2'-10"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET B	BED/BATH	
2a		2'-10"	8'-0"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET B	BED/BATH - GROUND FLOOR	
2b		3'-0"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET B	BED/BATH	LOCATED AT ANSI A UNIT
2c		3'-0"	8'-0"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET B	BED/BATH - GROUND FLOOR	LOCATED AT ANSI A UNIT
3		2'-10"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	UTILITY/CLOSET	
3a		2'-10"	8'-0"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	UTILITY/CLOSET - GROUND FLOOR	
4		2'-10"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	UTILITY/CLOSET	
5		3'-0"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	CLOSET	LOCATED AT ANSI A UNIT
5a		3'-0"	8'-0"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	CLOSET - GROUND FLOOR	LOCATED AT ANSI A UNIT
6		2'-8"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	CLOSET	
6a		2'-8"	8'-0"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET C	CLOSET - GROUND FLOOR	
7		2'-10"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET B	OFFICE	
8		2'-8"	6'-8"	1 3/4"	NR	U2	MDF	PAINTED	WOOD	SET E	MECH. CLOSET	
9	PR	1'-5"	6'-8"	1 3/4"	NR	U3	MDF	PAINTED	WOOD	SET D	UTILITY/CLOSET	
10	PR	2'-6"	6'-8"	1 3/4"	NR	U3	MDF	PAINTED	WOOD	SET D	UTILITY/CLOSET	
10a	PR	2'-6"	8'-0"	1 3/4"	NR	U3	MDF	PAINTED	WOOD	SET D	UTILITY/CLOSET - GROUND FLOOR	
11	PR	1'-9"	6'-8"	1 3/4"	NR	U3	MDF	PAINTED	WOOD	SET D	CLOSET	
11a	PR	1'-9"	8'-0"	1 3/4"	NR	U3	MDF	PAINTED	WOOD	SET D	CLOSET - GROUND FLOOR	
12		3'-0"	8'-0"	1 3/4"	NR	U4	FIBERGLASS	PRE-FINISHED	COMPOSITE	SET F	BALCONY	ONE OPERABLE
13		3'-0"	8'-0"	1 3/4"	NR	U6	FIBERGLASS	PRE-FINISHED	COMPOSITE	SET F	PATIO	ONE OPERABLE; 2'-2" TRANSOM ABOVE
14	PR	3'-0"	8'-0"	1 3/4"	NR	U5	FIBERGLASS	PRE-FINISHED	COMPOSITE	SET F	BALCONY	ONE OPERABLE; ONE FIXED
15	PR	3'-0"	8'-0"	1 3/4"	NR	U7	FIBERGLASS	PRE-FINISHED	COMPOSITE	SET F	PATIO	ONE OPERABLE; ONE FIXED; 2'-2" TRANSOM ABOVE

DOOR ELEVATION TYPES - UNITS



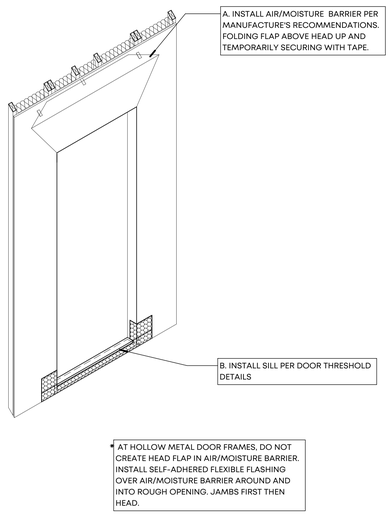
HARDWARE SCHEDULE - UNITS

HARDWARE SET NO.	QTY.	TYPE
SET A		UNIT ENTRY DOOR
	2	HINGES (STANDARD)
	2	HINGES (SPRING)
	1	LEVER HANDLED LATCH ACCESS CONTROL (PER OWNER'S SELECTION)
	1	HALF BORE DEADBOLT (THUMB TURN)
	1	VIEWER (NON-KNOCKER)
	1 SET	STORM GASKETING
	1	DOOR SWEEP
	1	ALUMINUM THRESHOLD
SET B		BEDROOM/BATHROOM/OFFICE
	4	HINGES (STANDARD)
	1	LEVER HANDLED PRIVACY LOCKSET (PAMEX, KWIKSET OR APPROVED EQUAL)
	1	DOOR STOP
SET C		UTILITY/CLOSET (SINGLE)
	4	HINGES (STANDARD)
	1	LEVER HANDLED DUMMY TRIM (PAMEX, KWIKSET OR APPROVED EQUAL)
	1	DOOR STOP
SET D		UTILITY/CLOSET (PAIR)
	8	HINGES (STANDARD)
	2	DUMMY TRIM - (1 EACH LEAF) (PAMEX, KWIKSET OR APPROVED EQUAL)
	2	ROLLER CATCH - (1 EACH LEAF)
	2	DOOR STOP - (1 EACH LEAF)
SET E		MECH. CLOSET
	4	HINGES (STANDARD)
	1	DEADBOLT (SINGLE CYLINDER)
	1	DOOR STOP - (1 EACH LEAF)
SET F		PATIO/BALCONY
	4	HINGES (STANDARD)
	1	LEVER HANDLED ENTRANCE LOCKSET
	1	DEADBOLT (THUMB TURN)
		STORM GASKETING
		DOOR SWEEP
		ROD RESTRICTOR
		DRIP GUARD
		ALUMINUM THRESHOLD

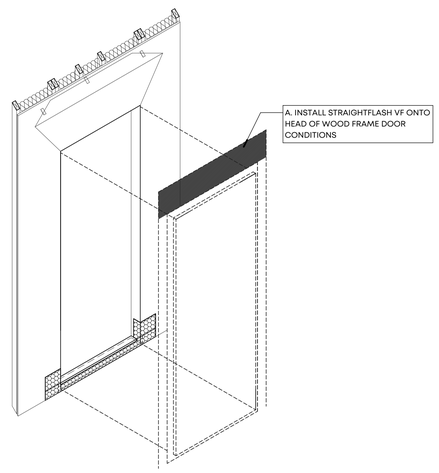
FLASHING INSTALLATION - DOOR

NOTE: CONTRACTOR SHALL REVIEW FLASHING SEQUENCE WITH WEATHER BARRIER REPRESENTATIVE FOR WARRANTY VERIFICATION PRIOR TO CONSTRUCTION

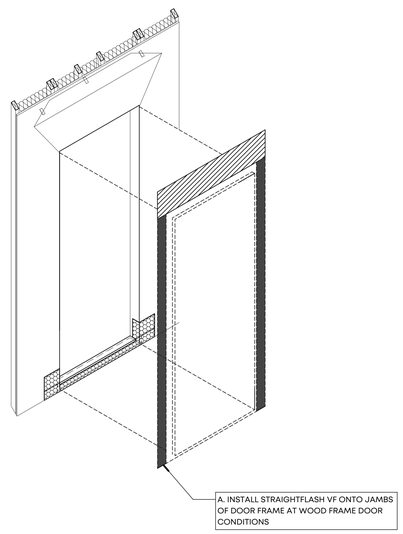
STEP 1: PREPARE WEATHER BARRIER FOR DOOR INSTALLATION



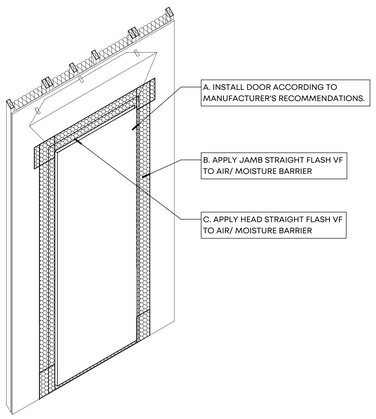
STEP 2: INSTALL HEAD VF FLASHING TO DOOR



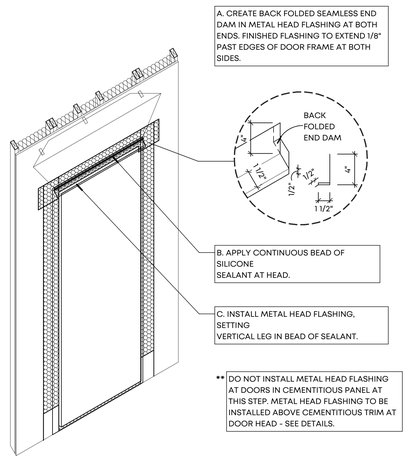
STEP 3: INSTALL JAMB VF FLASHING TO DOOR



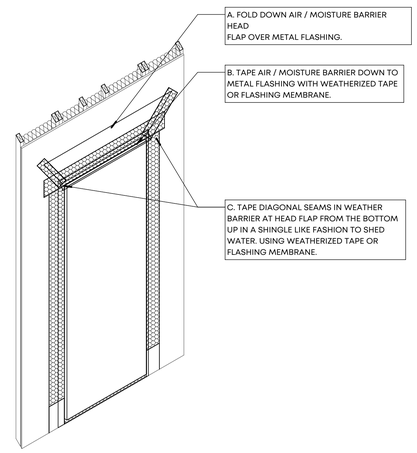
STEP 4: INSTALL METAL FLASHING AT STUCCO



STEP 5: INSTALL METAL HEAD FLASHING



STEP 6: FINISH HEAD FLASHING



LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:
LAURICELLA LAND COMPANY, LLC
envision + advance + sustain
FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:
THE FRANCIS

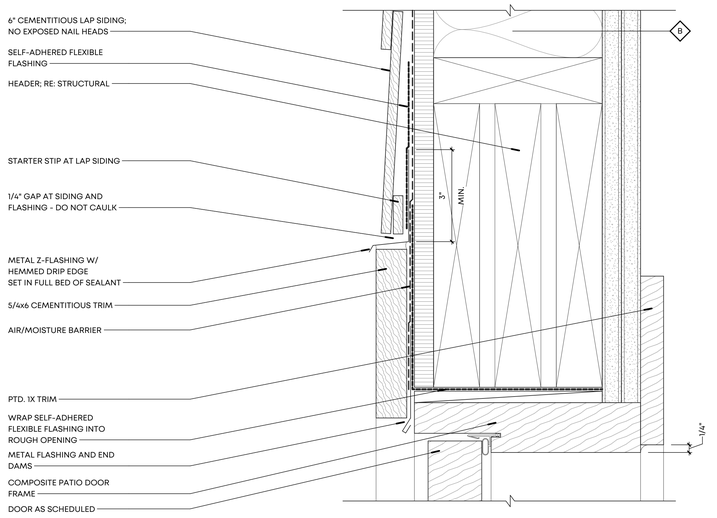
Elmwood, LA

Drawing Name:
DOOR SCHEDULES AND DETAILS

Drawn By: CBB

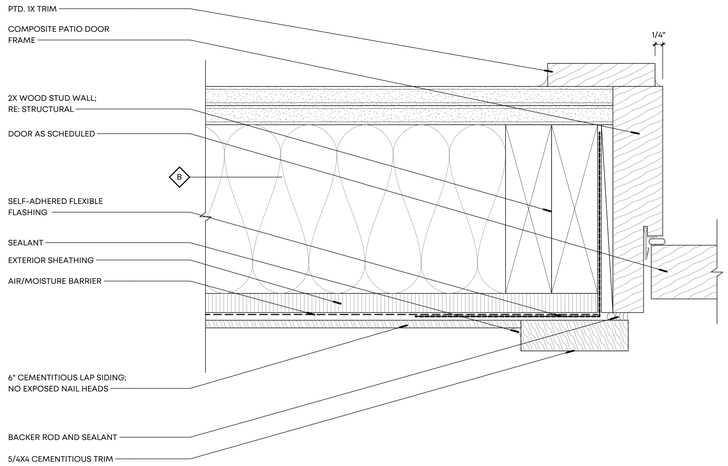
Checked By: HC

A611



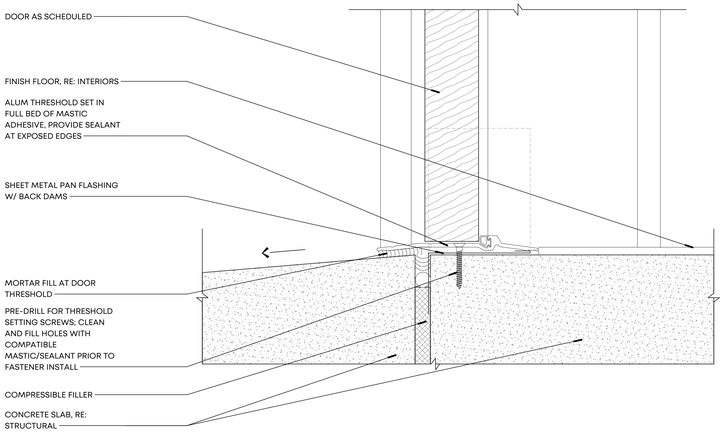
11 TYP. OUTSWING DOOR HEAD AT LAP SIDING

SCALE: 6" = 1'-0"



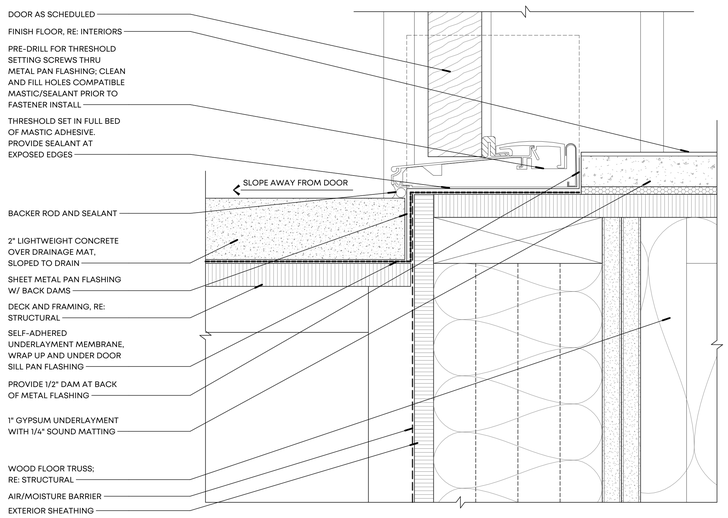
23 TYP. OUTSWING DOOR JAMB AT LAP SIDING

SCALE: 6" = 1'-0"



27 TYP. OUTSWING DOOR SILL AT PATIO

SCALE: 6" = 1'-0"



29 TYP. OUTSWING DOOR SILL AT BALCONY

SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.22.24	Design Development Progress
2	06.19.24	100% Design Development
3	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

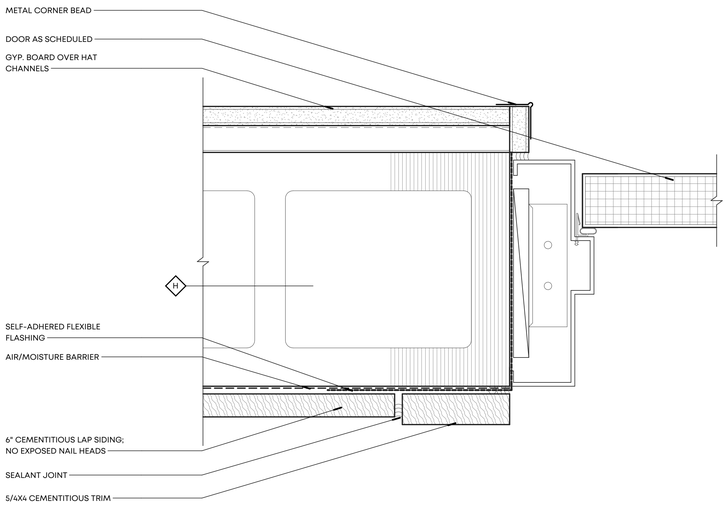
Drawing Name:

DOOR DETAILS

Drawn By: CBB

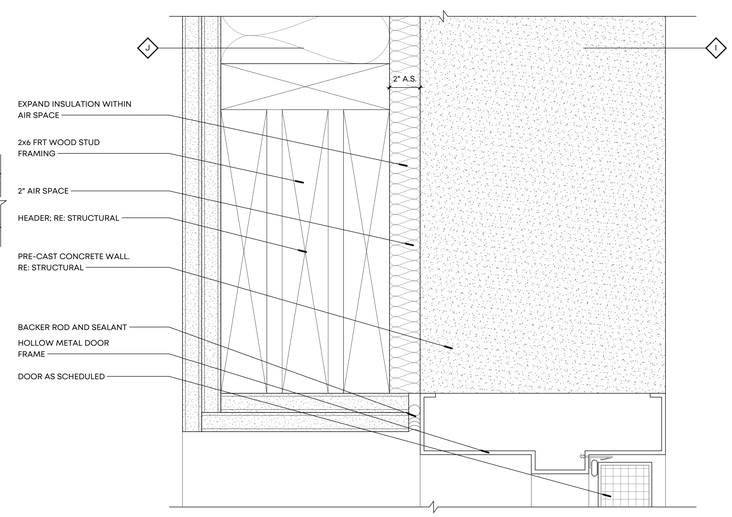
Checked By: HC

A612



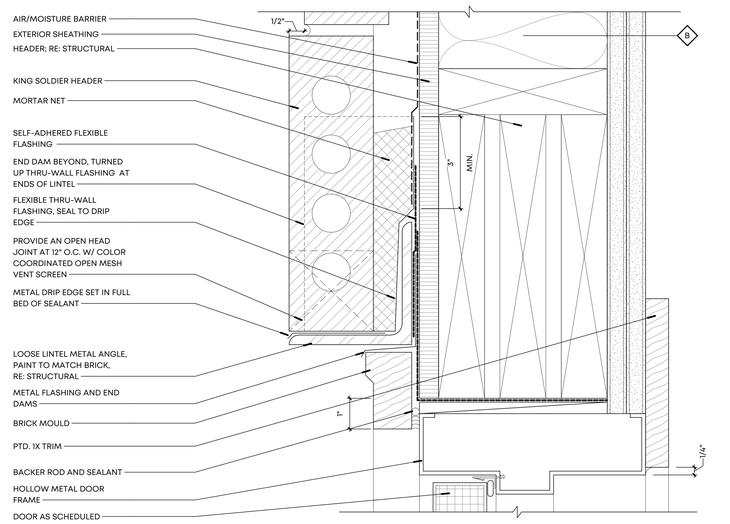
7 HM DOOR JAMB AT LAP SIDING

SCALE: 6" = 1'-0"



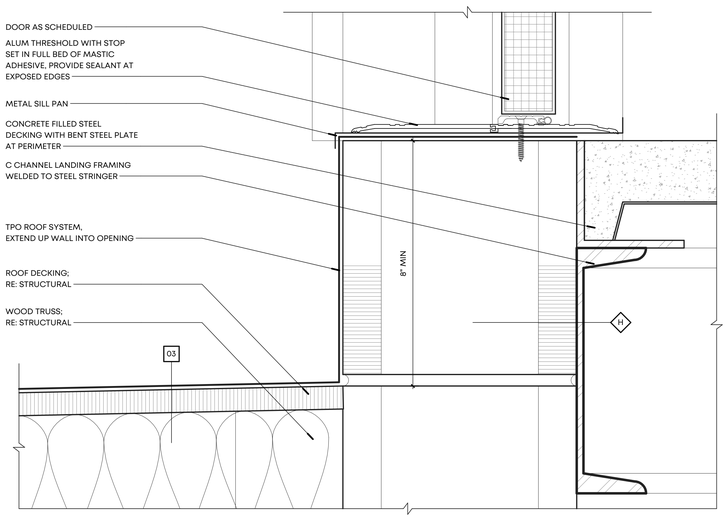
9 HM DOOR HEAD AT PRE-CAST/CORRIDOR

SCALE: 6" = 1'-0"



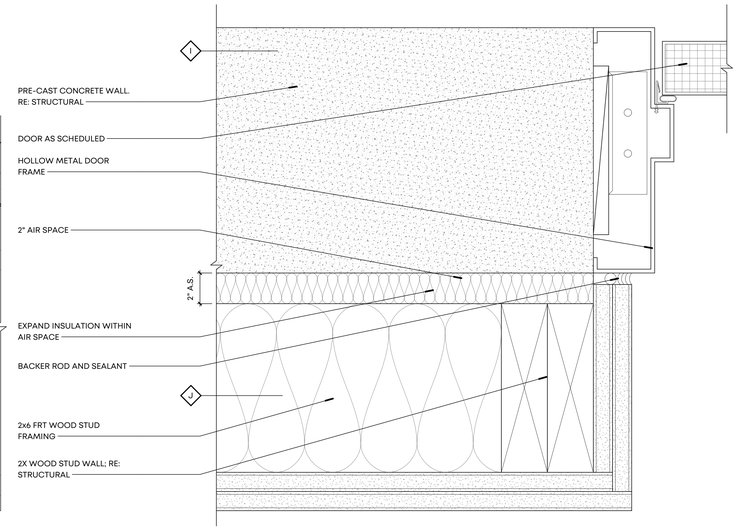
11 TYP. OUTSWING HM DOOR HEAD AT BRICK

SCALE: 6" = 1'-0"



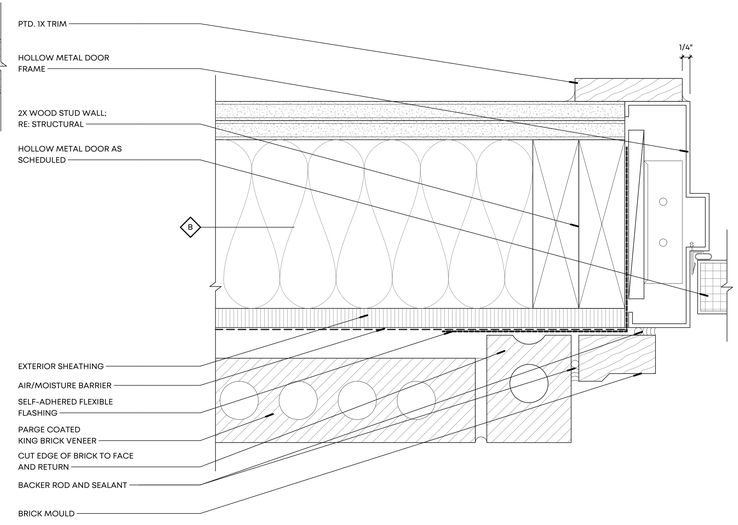
19 HM DOOR SILL AT ROOF

SCALE: 6" = 1'-0"



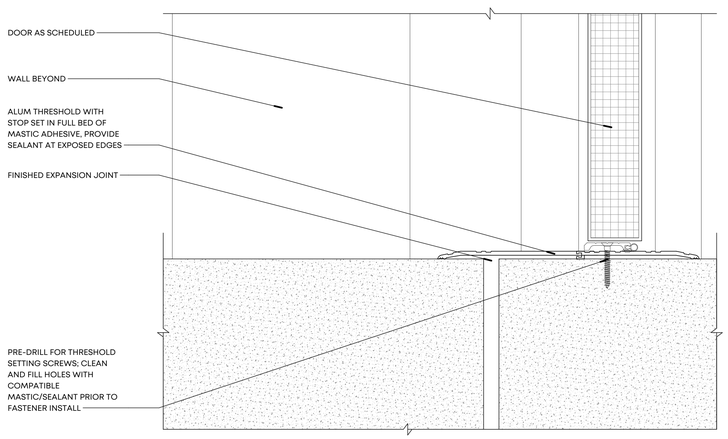
21 HM DOOR JAMB AT PRE-CAST/CORRIDOR

SCALE: 6" = 1'-0"



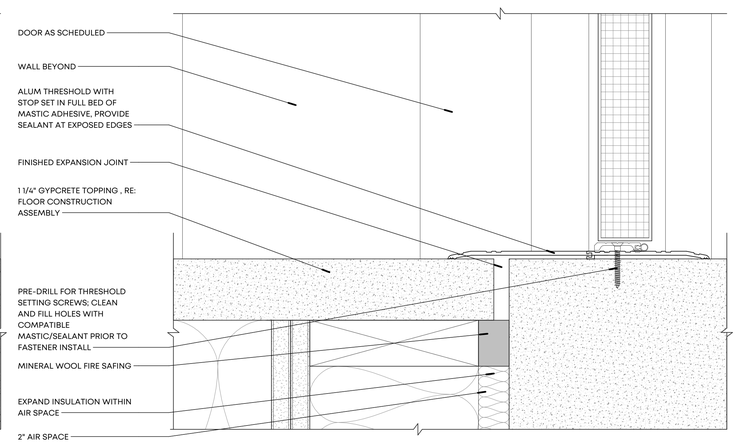
23 TYP. OUTSWING HM DOOR JAMB AT BRICK

SCALE: 6" = 1'-0"



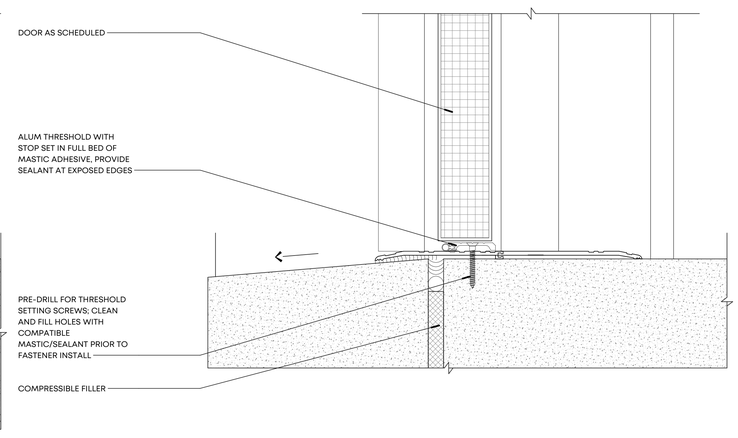
25 HM DOOR SILL AT PRE-CAST/CORRIDOR - LEVEL 01

SCALE: 6" = 1'-0"



27 HM DOOR SILL AT PRE-CAST/CORRIDOR

SCALE: 6" = 1'-0"



29 TYP. OUTSWING HM DOOR SILL AT CONCRETE

SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY
PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

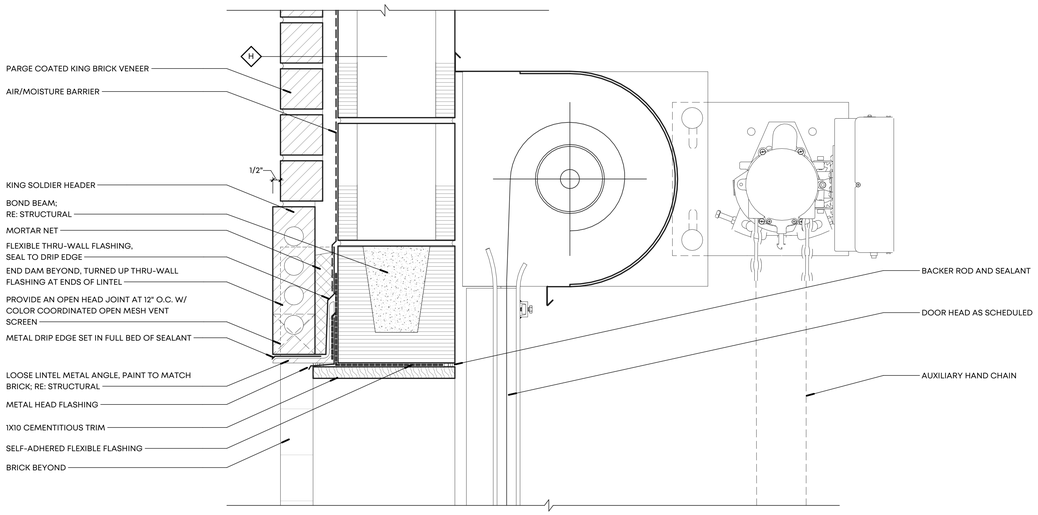
Drawing Name:

DOOR DETAILS

Drawn By: CBB, AW

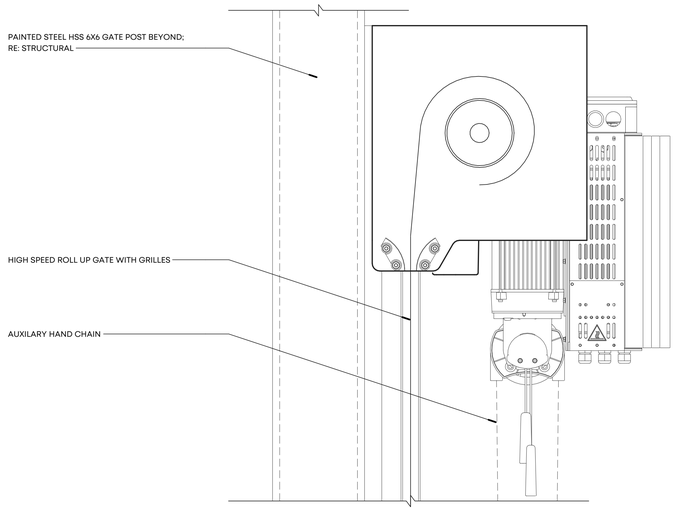
Checked By: HC

A613



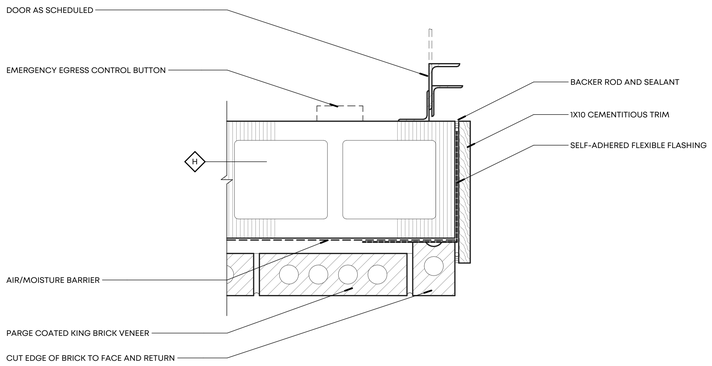
8 OVERHEAD ROLL UP DOOR HEAD AT BRICK

SCALE: 3" = 1'-0"



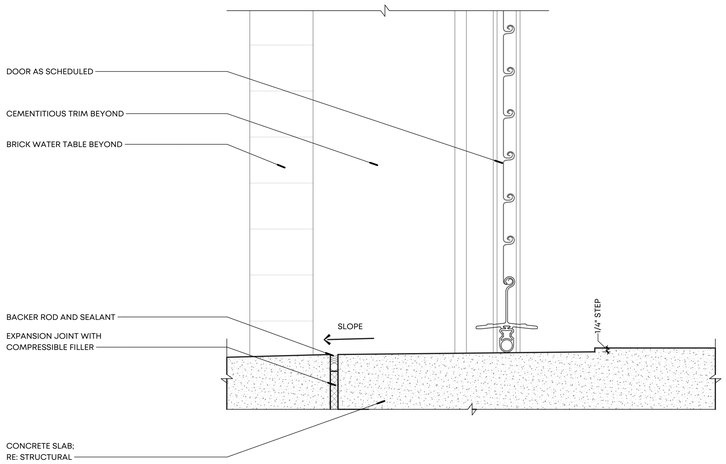
11 HIGH SPEED ROLL UP GATE HEAD

SCALE: 3" = 1'-0"



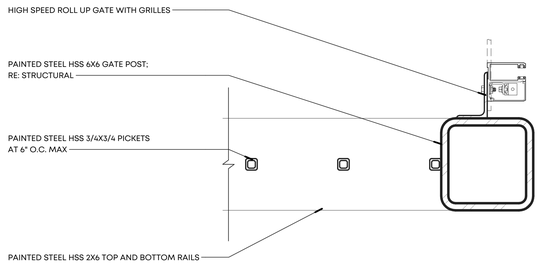
14 OVERHEAD ROLL UP DOOR JAMB AT BRICK

SCALE: 3" = 1'-0"



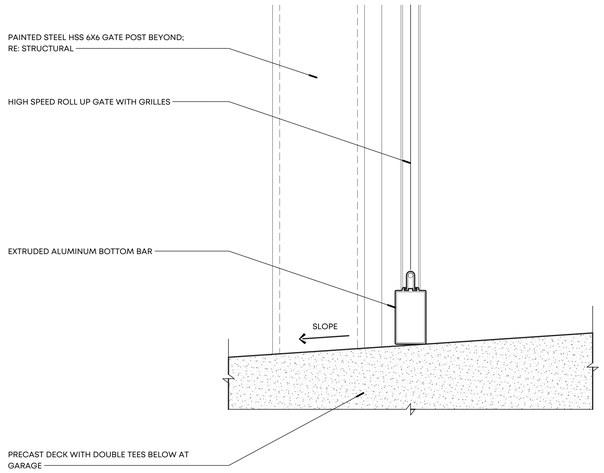
26 OVERHEAD ROLL UP DOOR SILL AT CONCRETE

SCALE: 3" = 1'-0"



17 HIGH SPEED ROLL UP GATE JAMB

SCALE: 3" = 1'-0"



29 HIGH SPEED ROLL UP GATE SILL

SCALE: 3" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

DOOR DETAILS

Drawn By: AW

Checked By: HC

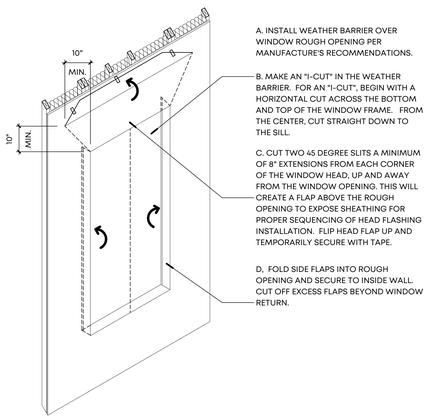
A614

THE FRANCIS - 02.22025.00

FLASHING INSTALLATION - FLANGED WINDOW

NOTE: CONTRACTOR SHALL REVIEW FLASHING SEQUENCE WITH WEATHER BARRIER REPRESENTATIVE FOR WARRANTY VERIFICATION PRIOR TO CONSTRUCTION

STEP 1: PREPARE WEATHER BARRIER FOR WINDOW INSTALLATION



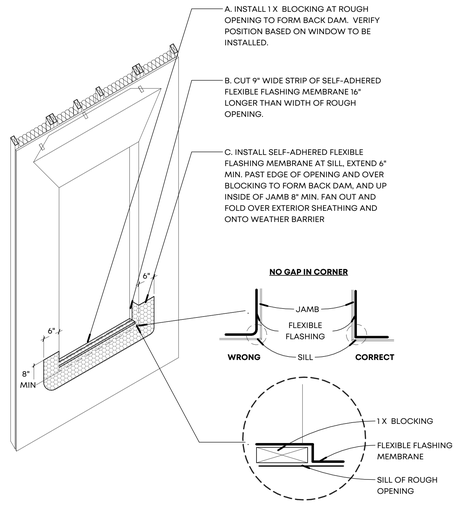
A. INSTALL WEATHER BARRIER OVER WINDOW ROUGH OPENING PER MANUFACTURE'S RECOMMENDATIONS.

B. MAKE AN "I-CUT" IN THE WEATHER BARRIER. FOR AN "I-CUT", BEGIN WITH A HORIZONTAL CUT ACROSS THE BOTTOM AND TOP OF THE WINDOW FRAME. FROM THE CENTER, CUT STRAIGHT DOWN TO THE SILL.

C. CUT TWO 45 DEGREE SLITS A MINIMUM OF 8" EXTENSIONS FROM EACH CORNER OF THE WINDOW HEAD, UP AND AWAY FROM THE WINDOW OPENING. THIS WILL CREATE A FLAP ABOVE THE ROUGH OPENING TO EXPOSE SHEATHING FOR PROPER SEQUENCING OF HEAD FLASHING INSTALLATION. FLIP HEAD FLAP UP AND TEMPORARILY SECURE WITH TAPE.

D, FOLD SIDE FLAPS INTO ROUGH OPENING AND SECURE TO INSIDE WALL. CUT OFF EXCESS FLAPS BEYOND WINDOW RETURN.

STEP 2: INSTALL SILL FLEXIBLE FLASHING

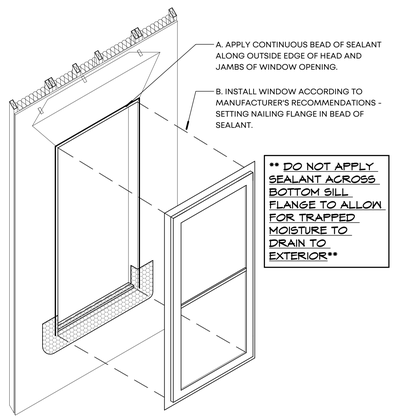


A. INSTALL 1 X BLOCKING AT ROUGH OPENING TO FORM BACK DAM. VERIFY POSITION BASED ON WINDOW TO BE INSTALLED.

B. CUT 9" WIDE STRIP OF SELF-ADHERED FLEXIBLE FLASHING MEMBRANE 16" LONGER THAN WIDTH OF ROUGH OPENING.

C. INSTALL SELF-ADHERED FLEXIBLE FLASHING MEMBRANE AT SILL, EXTEND 6" MIN. PAST EDGE OF OPENING AND OVER BLOCKING TO FORM BACK DAM, AND UP INSIDE OF JAMB 8" MIN. FAN OUT AND FOLD OVER EXTERIOR SHEATHING AND ONTO WEATHER BARRIER

STEP 3: INSTALL WINDOW

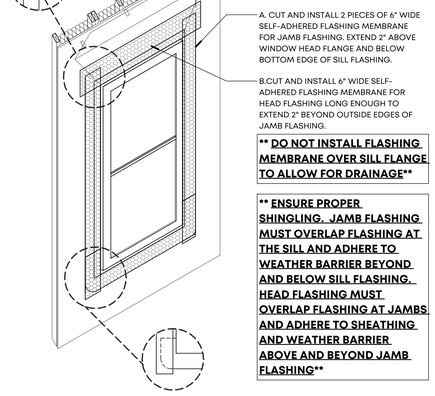


A. APPLY CONTINUOUS BEAD OF SEALANT ALONG OUTSIDE EDGE OF HEAD AND JAMBS OF WINDOW OPENING.

B. INSTALL WINDOW ACCORDING TO MANUFACTURER'S RECOMMENDATIONS - SETTING NAILING FLANGE IN BEAD OF SEALANT.

** DO NOT APPLY SEALANT ACROSS BOTTOM SILL FLANGE TO ALLOW FOR TRAPPED MOISTURE TO DRAIN TO EXTERIOR**

STEP 4: INSTALL JAMB AND HEAD SELF-ADHERED FLASHING



A. CUT AND INSTALL 2 PIECES OF 6" WIDE SELF-ADHERED FLASHING MEMBRANE FOR JAMB FLASHING. EXTEND 2" ABOVE WINDOW HEAD FLANGE AND BELOW BOTTOM EDGE OF SILL FLASHING.

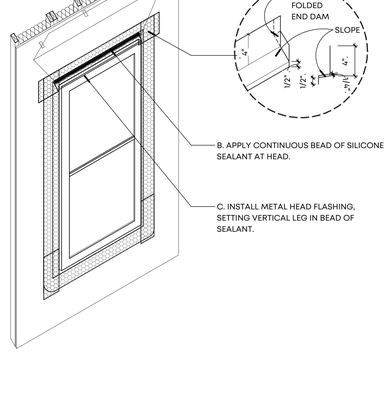
B.CUT AND INSTALL 6" WIDE SELF-ADHERED FLASHING MEMBRANE FOR HEAD FLASHING LONG ENOUGH TO EXTEND 2" BEYOND OUTSIDE EDGES OF JAMB FLASHING.

** DO NOT INSTALL FLASHING MEMBRANE OVER SILL FLANGE TO ALLOW FOR DRAINAGE**

** ENSURE PROPER SHINGLING. JAMB FLASHING MUST OVERLAP FLASHING AT THE SILL AND ADHERE TO WEATHER BARRIER BEYOND AND BELOW SILL FLASHING. HEAD FLASHING MUST OVERLAP FLASHING AT JAMBS AND ADHERE TO SHEATHING AND WEATHER BARRIER ABOVE AND BEYOND JAMB FLASHING**

CORRECT OVERLAP AT JAMB AND SILL

STEP 5: INSTALL METAL FLASHING AT HEAD

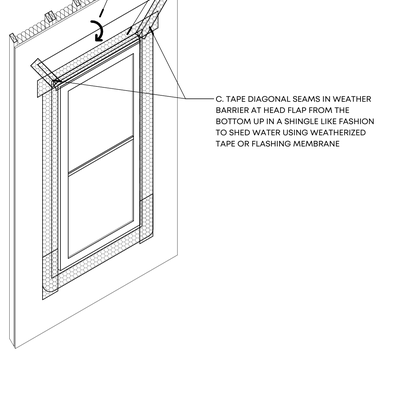


A. CREATE BACK FOLDED SEAMLESS END DAM IN METAL HEAD FLASHING AT BOTH ENDS. FINISHED FLASHING TO EXTEND 1/8" PAST EDGES OF WINDOW FRAME AT BOTH SIDES.

B. APPLY CONTINUOUS BEAD OF SILICONE SEALANT AT HEAD.

C. INSTALL METAL HEAD FLASHING, SETTING VERTICAL LEG IN BEAD OF SEALANT.

STEP 6: FINISHING HEAD FLASHING

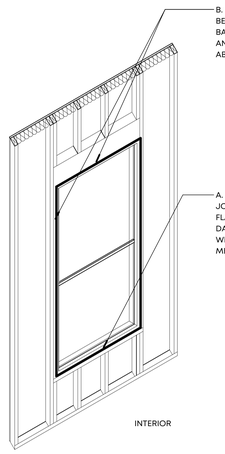


A. FOLD DOWN WEATHER BARRIER HEAD FLAP OVER METAL FLASHING.

B. TAPE WEATHER BARRIER DOWN TO METAL FLASHING WITH WEATHERIZED TAPE OR FLASHING MEMBRANE.

C. TAPE DIAGONAL SEAMS IN WEATHER BARRIER AT HEAD FLAP FROM THE BOTTOM UP IN A SHINGLE LIKE FASHION TO SHED WATER USING WEATHERIZED TAPE OR FLASHING MEMBRANE

STEP 7: SEAL INTERIOR OF OPENING



B. INSTALL LOW RISE EXPANDABLE FOAM BETWEEN WINDOW FRAME AND WEATHER BARRIER OR ROUGH FRAMING AT HEAD AND EXTENTS OF JAMBS OF OPENING ABOVE SEALANT.

A. INSTALL SEALANT AND BACKER ROD JOINT BETWEEN WINDOW FRAME AND FLASHING MEMBRANE AT SILL/BACK DAM. EXTEND UP JAMB BETWEEN WINDOW FRAME AND FLASHING MEMBRANE 6" MIN.

INTERIOR

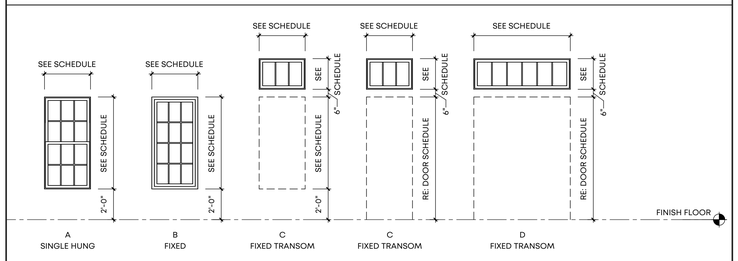
LRK_WINDOW SCHEDULE

MARK	SIZE WIDTH	SIZE HEIGHT	LITES	TYPE	FRAME MATERIAL	COLOR SELECTION	REMARKS
A	3'-0"	6'-0"	6/6	SINGLE HUNG	VINYL	BRONZE EXTERIOR AND INTERIOR	3/4" CONTOUR AND 3/4" SIMULATED DIVIDED LITES; IMPACT RESISTANT
B	3'-0"	6'-0"	6/6	FIXED	VINYL	BRONZE EXTERIOR AND INTERIOR	3/4" CONTOUR AND 3/4" SIMULATED DIVIDED LITES; IMPACT RESISTANT
C	3'-0"	2'-0"	3	FIXED	VINYL	BRONZE EXTERIOR AND INTERIOR	3/4" CONTOUR AND 3/4" SIMULATED DIVIDED LITES; IMPACT RESISTANT
D	6'-3 1/2"	2'-0"	6	FIXED	VINYL	BRONZE EXTERIOR AND INTERIOR	3/4" CONTOUR AND 3/4" SIMULATED DIVIDED LITES; IMPACT RESISTANT
E	3'-0"	3'-8 1/2"					
F	3'-0"	3'-8 1/2"				PAINTED	
G	3'-0"	3'-8 1/2"					

LRK_SHUTTER SCHEDULE

MARK	SIZE WIDTH	SIZE HEIGHT	TYPE	FRAME MATERIAL	COLOR SELECTION	REMARKS
SH1	3'-0"	6'-0"	FIXED SHUTTER	COMPOSITE	PAINTED	
SH2	3'-0"	6'-0"	FIXED SHUTTER	COMPOSITE	PAINTED	

WINDOW ELEVATION TYPES



SHUTTER ELEVATION TYPES

WINDOW NOTES

1. TEMPERED GLAZING TO BE PROVIDED AT ALL WINDOWS LOCATED WHEN NEAREST EXPOSED EDGE OF GLAZING IS WIHTIN A 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN A CLOSED POSITION AND WHEN THE BOTTOM EXPODES EDGE OF GLAZING IS LESS THAN 60" ABOVE WALKING SURFACE.
2. TEMPERED (SAFETY) GLAZING IS REQUIRED AT INDIVIDUAL FIXED OR OPERABLE WINOWS WHERE ALL THE FOLLOWING CONDITIONS OCCUR: (1) EXPOSED AREA OF AN INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FEET; (2) EXPOSED BOTTOM EDGE OF INDIVIDUAL PANE IS LESS THAN 18" ABOVE AN ADJACENT FLOOR SURFACE; (3) EXPOSED TOP EDGE OF INDIVIDUAL PANE IS GREATER THAN 36" ABOVE ADJACENT FINISHED FLOOR SURFACE; AND (4) WHEN ONE OR MORE WALKING SURFACES IS WITHIN 36" HORIZONTALLY OF THE PLACE OF THE GLAZING, SAFETY GLAZING SHALL MEET THE HUMAN IMPACT LOADS OF IBC SECTION 2046.
3. ALL GLAZING LOCATED IN ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36" HORIZONTALLY OF A WALKING SURFACE, WHEN THE EXPOSED SURACE OF THE GLASS IS LESS THAN 60" ABOVE THE PLANE OF THE ADAJCENT WALKING SURFACE.
4. WINDOW HEIGHTS ARE TO BE SET TO ALLOW FOR PROPER ALIGNMENT WITH ADJACENT DOOR ASSEMBLIES AND COURSE WITH BRICK VENEER.
5. REFER TO MUNTIN PATTERNS. ALL MUNTINES TO BE EXTERIOR APPLIED THROUGHOUT THE PROJECT.
6. ALL WINDOWS TO HAVE GYPSUM BOARD RETURNS AT HEAD AND JAMB. PROVIDE SEALANT JOINT BETWEEN WINDOW FRAME AND GYPSUM BOARD.
7. ALL WINDOWS TO HAVE OPENING LIMITING CONTROL SYSTEMS AND ONLY IF LOWEST CLEAR OPENING OF WINDOW SILL IS ABOVE 24" A.F.F. LIMIT OPENING TO 4" PER IBC SECT. 1405.12.2. WINDOW FALL PREVENTION DEVICES SHALL MEET THE ASTM F 2090/ASTM F 2006.
8. ALL GLAZINGS TO BE CLEAR, LOW-E.
9. ALL WINDOWS TO MEET WIND DESIGN PRESSURES PER STRUCTURAL DESIGN WIND PRESSURES. PROVIDE AAMA RATING THAT EXCEEDS DESIGN LOAD FOR ALL COMPONENTS INCLUDING PERFORMANCE GRADE, STRUCUTAL LOAD, AND MINIMUM WATER TEST PRESSURES.
10. PROVIDE PULLS AND ADA HARDWARE. TYPE-A UNIT WINDOWS THAT ARE OPERABLE MUST COMPLY WITH 1013.13 PER THE 2003 ANSI. THE 03 ANSI REFERENCES AT LEAST ONE WINDOW PER LIVING, SLEEPING, AND DINING ARES MUST HVE ACCESSIBLE CONTROLS AND BE OPERABLE IN THE 15-48" A.F.F. REACH RANGE.
11. REFER TO PROJECT SPECIFICATION MANUAL FOR FURTHER INFORMATION.
12. ALL WINDOWS TO BE PROVIDED WITH RESTRICTOR DEVICES ALLOWING MAX. 4" OPENING WITHOUT DEACTIVATION.
13. ALL WINDOWS AND DOORS THAT OPEN TO POOL COURTYARD AT LEVEL 01 WILL RECEIVE ALARMS AND WILL BE INOPERABLE.

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

	Date	Issued / Revised
2	05.22.24	Design Development Progress
1	06.19.24	100% Design Development
0	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

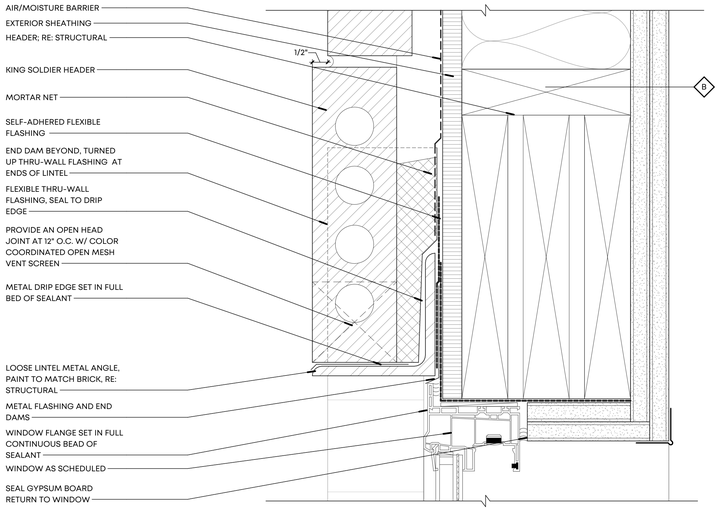
WINDOW SCHEDULES AND DETAILS, LOUVER SCHEDULES AND DETAILS

Drawn By: CBB

Checked By: HC

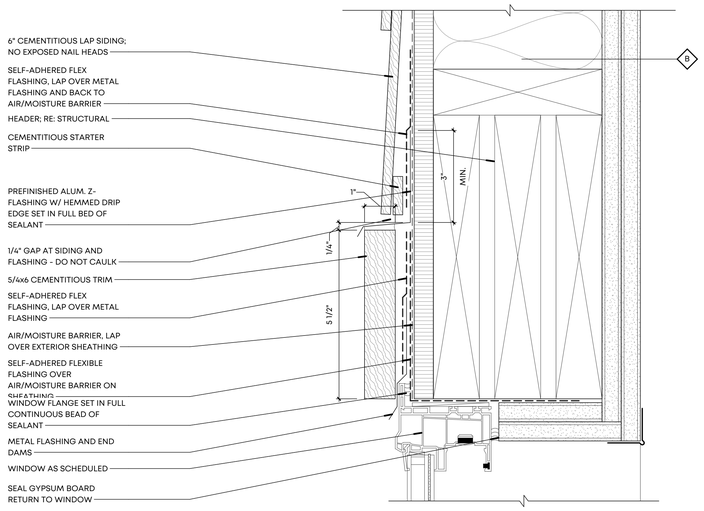
A620

5/8/2025 5:18:30 PM C:\Users\hcolgin\Documents\22025-Elmwood-Central-R24_hcolgin.rvt



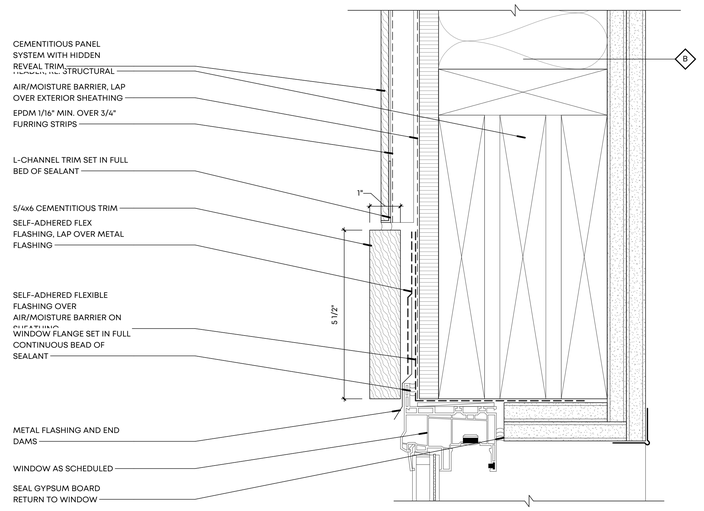
7 TYP. WINDOW HEAD AT BRICK

SCALE: 6" = 1'-0"



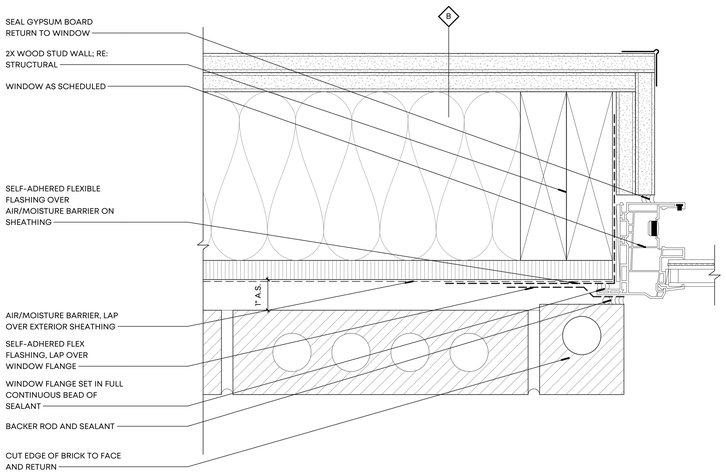
9 TYP. WINDOW HEAD AT LAP SIDING

SCALE: 6" = 1'-0"



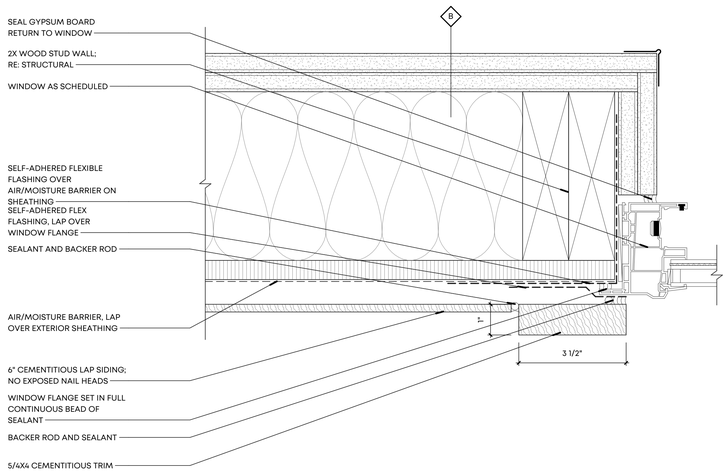
11 TYP. WINDOW HEAD AT PANEL SIDING

SCALE: 6" = 1'-0"



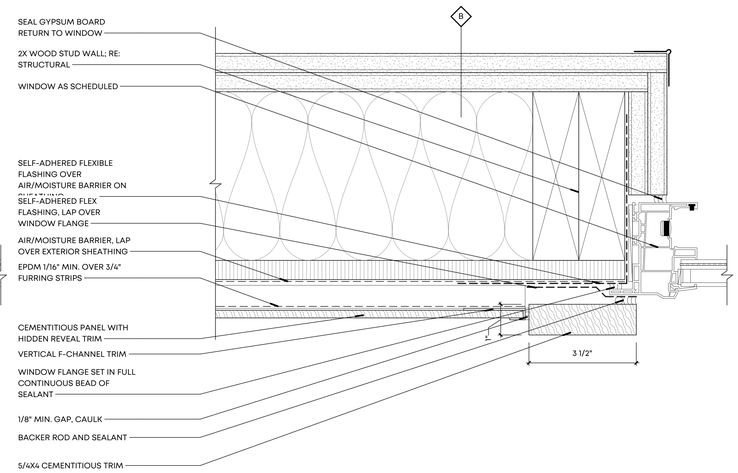
19 TYP. WINDOW JAMB AT BRICK

SCALE: 6" = 1'-0"



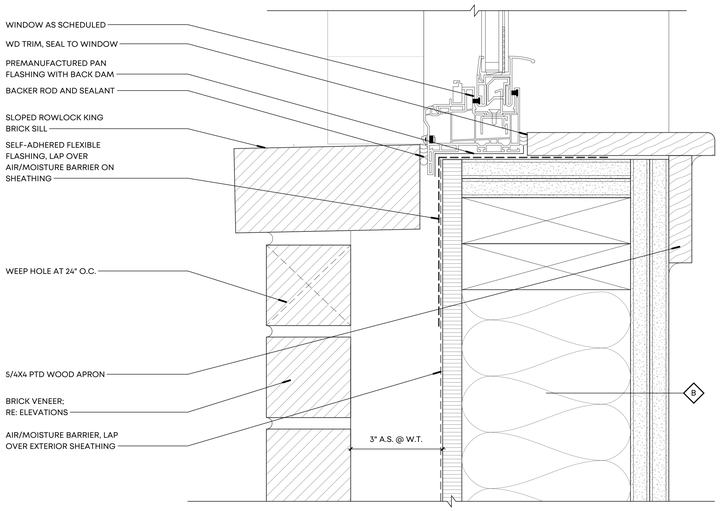
21 TYP. WINDOW JAMB AT LAP SIDING

SCALE: 6" = 1'-0"



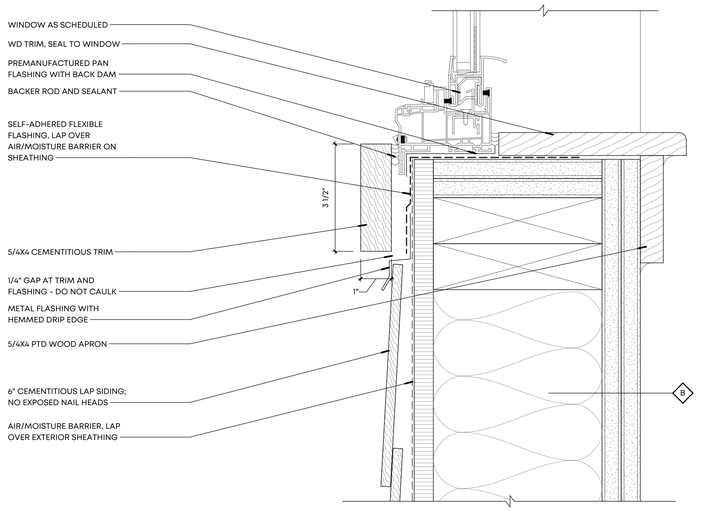
23 TYP. WINDOW JAMB AT PANEL SIDING

SCALE: 6" = 1'-0"



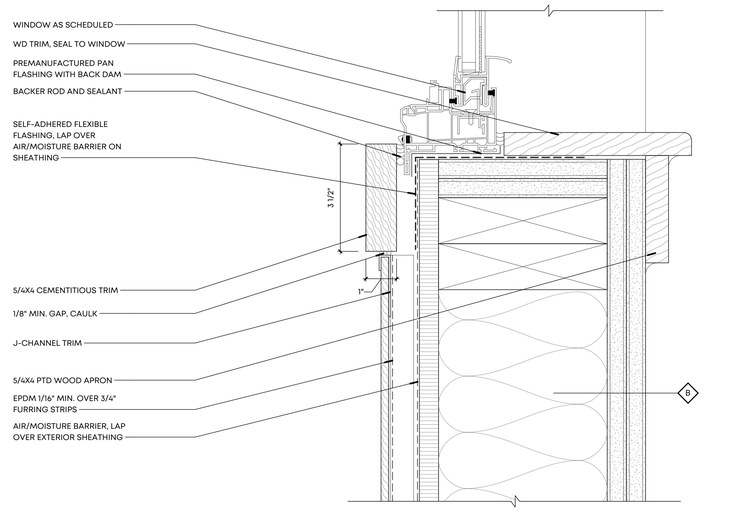
25 TYP. WINDOW SILL AT BRICK

SCALE: 6" = 1'-0"



27 TYP. WINDOW SILL AT LAP SIDING

SCALE: 6" = 1'-0"



29 TYP. WINDOW SILL AT PANEL SIDING

SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

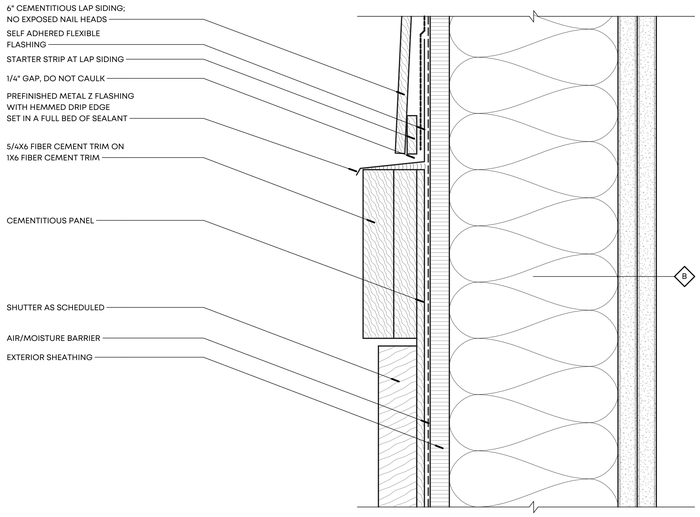
Drawing Name:

WINDOW DETAILS

Drawn By: CBB

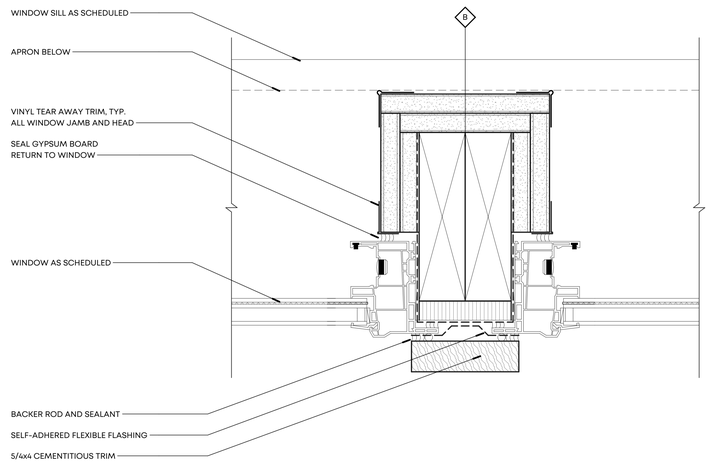
Checked By: HC

A621



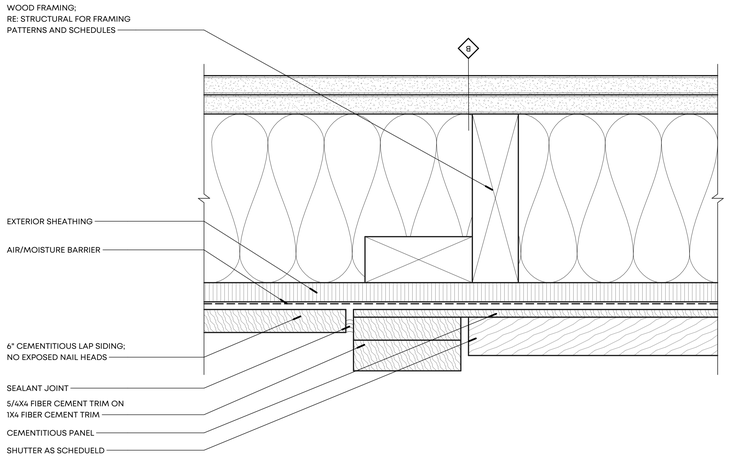
9 SHUTTER HEAD AT LAP SIDING

SCALE: 6" = 1'-0"



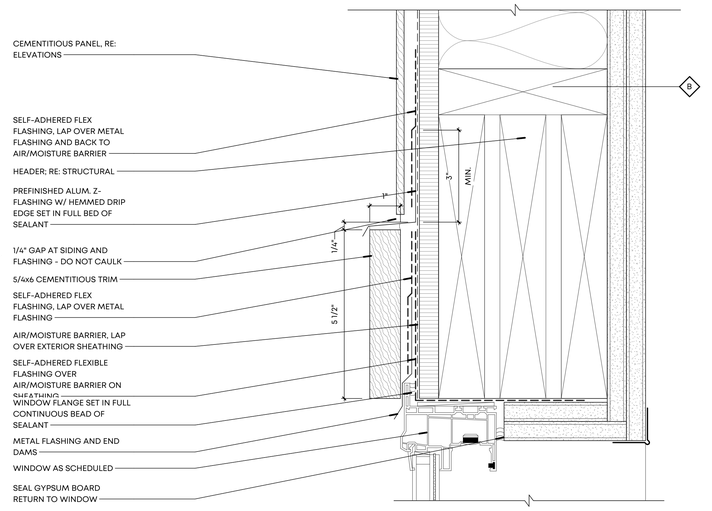
11 WINDOW CENTER JAMB

SCALE: 6" = 1'-0"



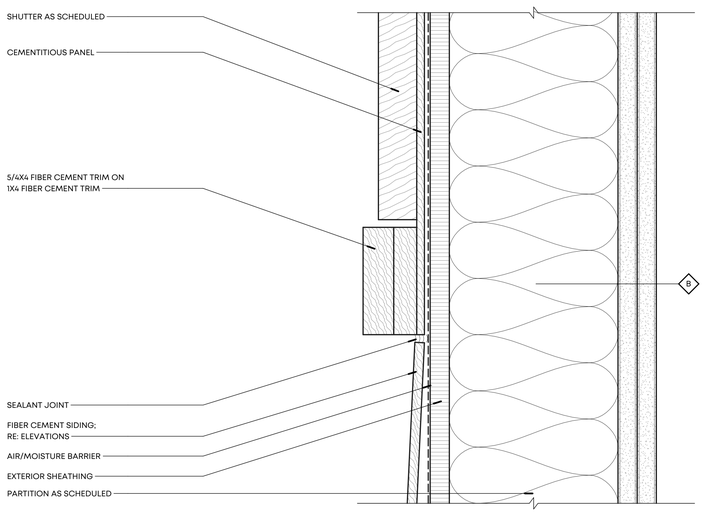
15 SHUTTER JAMB AT LAP SIDING

SCALE: 6" = 1'-0"



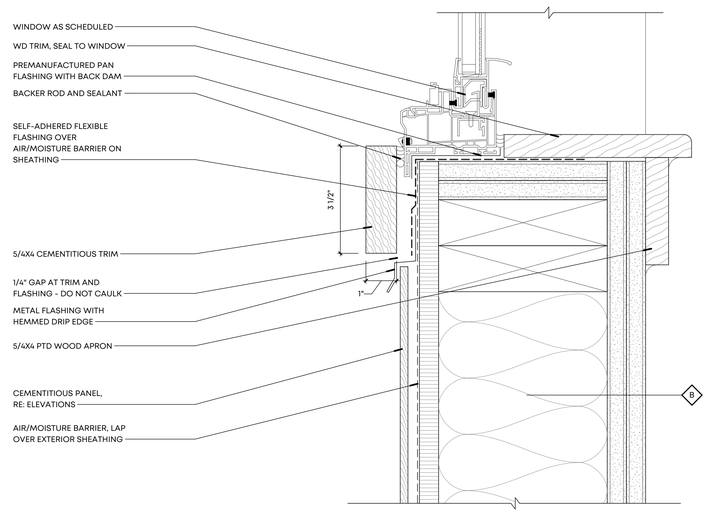
17 WINDOW HEAD AT PANEL SIDING

SCALE: 6" = 1'-0"



27 SHUTTER SILL AT LAP SIDING

SCALE: 6" = 1'-0"



29 WINDOW SILL AT PANEL SIDING

SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
	05.22.24	Design Development Progress
	06.19.24	100% Design Development
	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

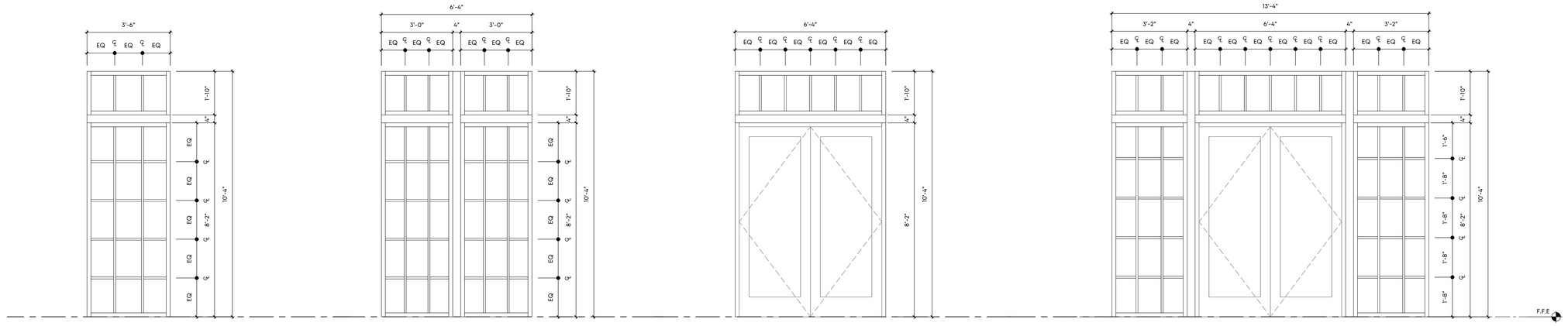
Drawing Name:

WINDOW AND SHUTTER DETAILS

Drawn By: CBB, AW

Checked By: HC

A622



S1 STOREFRONT S1

SCALE: 1/2" = 1'-0"

S2 STOREFRONT S2

SCALE: 1/2" = 1'-0"

S3 STOREFRONT S3

SCALE: 1/2" = 1'-0"

S4 STOREFRONT S4

SCALE: 1/2" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

Date	Issued / Revised
06.19.24	100% Design Development
05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

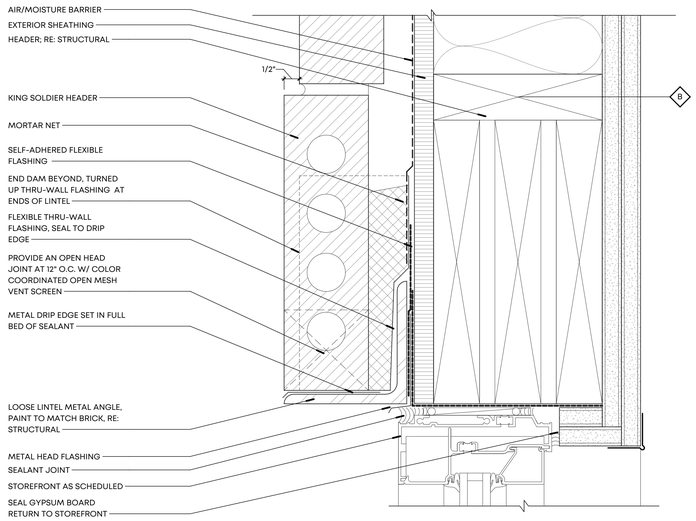
Drawing Name:

STOREFRONT SCHEDULE AND TYPES

Drawn By: KMS, AW

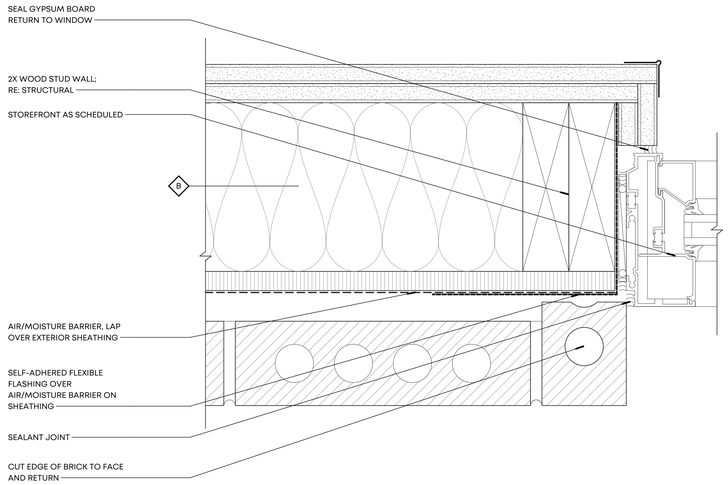
Checked By: HC

A630



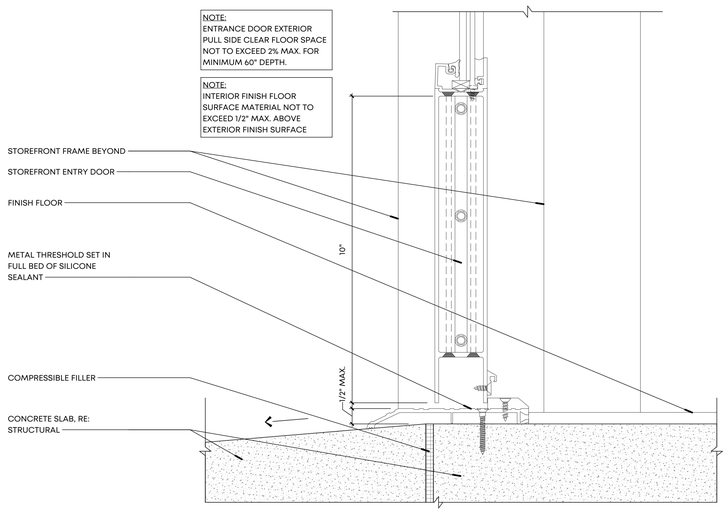
11 DETAIL - TYP. STOREFRONT HEAD AT BRICK

SCALE: 6" = 1'-0"



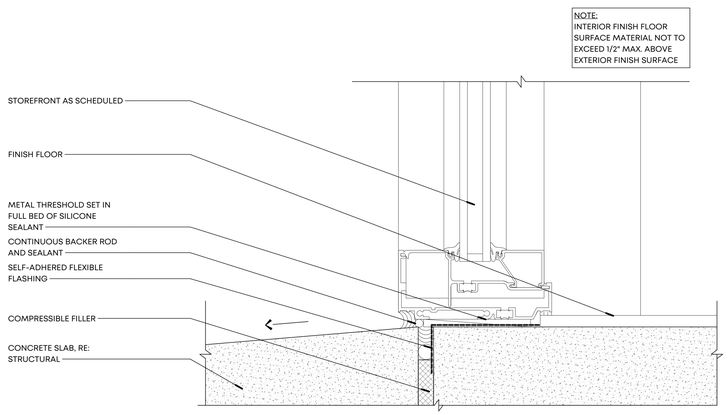
23 DETAIL - TYP. STOREFRONT JAMB AT BRICK

SCALE: 6" = 1'-0"



27 DETAIL - TYP. STOREFRONT DOOR AT THRESHOLD

SCALE: 6" = 1'-0"



29 DETAIL - TYP. STOREFRONT SILL AT CONCRETE

SCALE: 6" = 1'-0"

LRK

643 Magazine Street
Suite 102
New Orleans, LA 70130
504.558.1885

Client:

LAURICELLA LAND COMPANY, LLC
envision + advance + sustain

FELICITY PROPERTY CO

1200 S. Clearview Pkwy.
New Orleans, LA 70123

Issues and Revisions

#	Date	Issued / Revised
2	06.19.24	100% Design Development
1	05.08.25	50% Construction Documents

©2022 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal

05.08.25
FOR REVIEW ONLY - NOT FOR CONSTRUCTION

LRK Project Number: 02.22025.00

Project Name:

THE FRANCIS

Elmwood, LA

Drawing Name:

STOREFRONT DETAILS

Drawn By: CBB, AW

Checked By: HC

A631