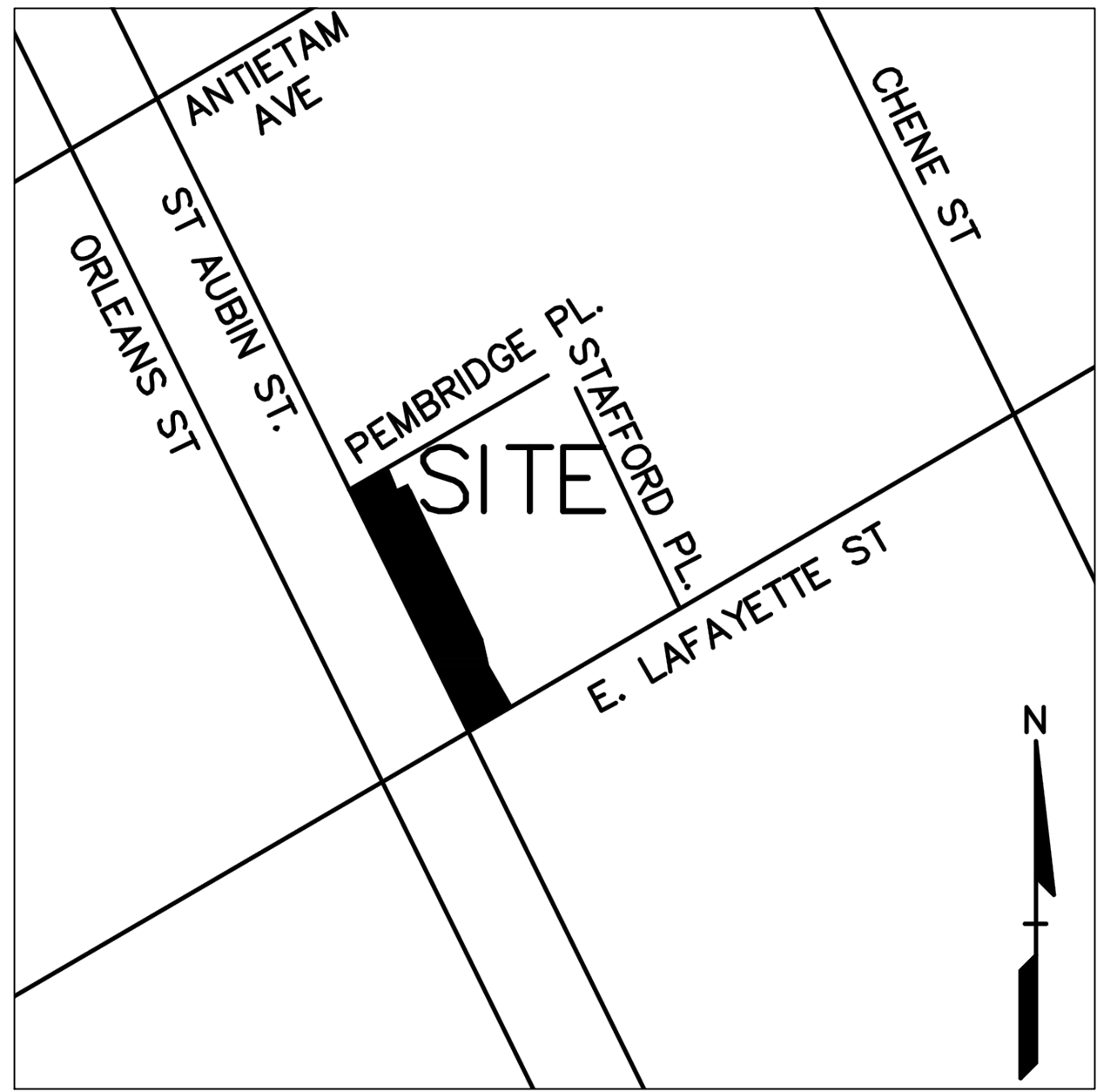


PULLMAN PARC

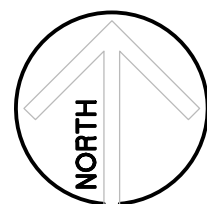
MULTI-FAMILY RESIDENTIAL

DETROIT, MI



LOCATION MAP

NOT TO SCALE



OWNER:

BRODER SACHSE REAL ESTATE

3663 WOODWARD AVE
SUITE #500
DETROIT, MI 48201

ARCHITECT:

ALEXANDER V. BOGAERTS + ASSOCIATES, P.C.

2445 FRANKLIN ROAD
BLOOMFIELD HILLS, MICHIGAN 48302
P. 248.334.5000

REGISTERED DESIGN PROFESSIONAL: XANDER BOGAERTS PRESIDENT NCARB xbogaerts@bogaerts.us 248-719-5022 direct
DIR OF ARCH DOCS: LAURA CUNNINGHAM AIA NCARB lcunningham@bogaerts.us 248-719-5940 direct

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CODE SUMMARY

CODES:

- 2015 MI BUILDING CODE
- 2021 MI MECHANICAL CODE
- 2021 MI PLUMBING CODE
- 2015 MI ENERGY CODE / ASHRAE 90.1 PRESCRIPTIVE
- 2023 NATIONAL ELECTRIC CODE + 2023 CONSTR CODE PART 8 ELECT CODE RULES
- 2012 MI FIRE CODE / 2010 NFPA 13/13R
- 2019 ELEVATOR RULES - 2010 ASME A17.1 SAFETY CODE FOR ELEVATORS + ELEVATOR SAFETY BOARD GENERAL RULES
- 2009 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

CHPT 3: USE AND OCCUPANCY CLASSIFICATION:

- R-2 RESIDENTIAL

CHPT 5 GENERAL BLDG HEIGHT AND AREA

GRADE PLANE

- SEE DEF - BASEMENT AND STORY ABOVE GRADE PLANE

CALCULATION HERE

GRADE PLANE. A reference plane representing the average of finished ground level adjoining the building at exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1829 mm) from the building, between the building and a point 6 feet (1829 mm) from the building.

BUILDING HEIGHT ABOVE GRADE PLANE:

- ALLOWABLE HEIGHT - 60'
- ACTUAL HEIGHT 34' FROM GRADE PLANE (COMPLIES)

NUMBER OF STORIES ABOVE GRADE PLANE (TBL 504.4):

- ALLOWABLE NUMBER OF STORIES: S13R / R-2 / VA - 4 STORIES
- ACTUAL NUMBER OF R STORIES - 4 STORIES (COMPLIES)

ALLOWABLE AREA PER FLOOR:

TBL 506.2 R-2 / S13R / VA - 12,000 SF

SD - 48UNITS X 700SF = +/- 33,600 SF

506.2.3 Single occupancy, multi-story

- Aa=[At+(Ns x If)] x 5a
- Aa=[12,000+(12,000 x 0.75)] x 4 = 84,000 TOTAL (903.3.1.2 13R)
- Aa=[12,000+(12,000 x 0.75)] x 1 = 21,000 MAX EA STORY

506.3.2 Min frontage increase

- W=(L1 x w1 + L2 x w2 +L3 x w3 + L4 x w4)/F
- W=(100x30)/100 = 30

506.3.3 Amount of increase

- If=[F/P - 0.25]W/30
- If=[100/100-0.25]30/30 = 0.75

ACTUAL AREA:

48 UNIT X 2 BLDG

- FIRST FLOOR RESIDENTIAL 9, 817 SF
- SECOND FLOOR RESIDENTIAL 9, 479 SF
- THIRD FLOOR RESIDENTIAL 9, 324 SF
- FOURTH FLOOR RESIDENTIAL 9, 396 SF
- TOTAL BUILDING AREA: 38,016 SF (COMPLIES)

CHPT 6 TYPE OF CONSTRUCTION:

- TYPE VA (RESIDENTIAL FLOORS)
 - COMBUSTIBLE WALLS AND FLOORS

FIRE RESISTANCE RATING REQUIREMENTS (TBL 601)

	VA
PRIMARY STRUCT FRAME	1
BEARING WALLS	
EXTERIOR	1
INTERIOR	1
NON-BEARING WALLS	TBL 602
EXTERIOR	
NON-BEARING WALLS	0
INTERIOR	
FLOOR CONSTR + ASSOC. SECONDARY MEMBERS	1
ROOF CONSTR + ASSOC. SECONDARY MEMBERS	1

FIRE RESIST RATING BASED ON FIRE SEP DIST (TBL 602)

5< X<10 = 1 HR

10< X<30 = 0 HR COMPLIES

X >=30' = 0 HR

CHPT 7 FIRE AND SMOKE PROTECTION:

- DWELLING UNIT SEP - 1 HR FIRE PARTITION (708.3)
- STAIRWELL SHAFT WALLS - 1-HR FIRE BARRIER (707.3.1/713.4) (3 story)
- EXTERIOR BEARING WALLS 1-HR (705.5)
 - <10' (RATED FOR EXPOSURE FROM BOTH SIDES)
 - >10' (RATED FOR EXPOSURE FROM INTERIOR ONLY)
- EXTERIOR NON-BEARING WALLS - NON RATED
- SUPPORTING CONSTR NOT REQD AT INC USES, AT DWELLING SEP, AT SMOKE BARRIER (711.2.3)
- FLOOR CEILING ASSEMBLY - 1-HR HORIZONTAL ASSEMBLY (711.2.4.3)
- ROOF-CEILING ASSEMBLY - 1-HR HORIZONTAL ASSEMBLY

MAX. AREA OF WALL OPENINGS BASED ON FSD (TBL 705.8) - 20'-25' UP, S - NO LIMIT

706.5 HORIZ CONTINUITY - EX 1- TERMINATE INTERIOR SURFACE COMB SHEATHING IF EXT WALL WITHIN 4' IS 1 HR, ¾ HR OPENINGS WITHIN 4'. EX 2 - TERMINATE INTERIOR SURFACE NON-COMB SHEATHING IF EXT WALL IS NON-COMB WITHIN 4'. EX 3 - TERMINATE INTERIOR SURFACE NON-COMB SHEATHING IF SPRINKLERED.

707.5.1 SUPPORTING CONSTRUCTION - THE SUPPORTING CONSTRUCTION FOR A FIRE BARRIER SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE RESISTANCE RATING OF THE FIRE BARRIER SUPPORTED. PROVIDE FIREBLOCKING

CHPT 8 INTERIOR FINISHES

NFPA 265

CHPT 9 FIRE PROTECTION SYSTEMS:

- 903.3.1.2 NFPA 13R
 - INCL
 - 903.3.1.2.1 EXT BALCONIES/DECKS (SIDEWALL)
 - 903.3.1.2.2 OPEN ENDED CORRIDORS
 - 903.3.1.2.3 (NON-OCCUPIED) ATTICS IF 55' ABV LOWEST LEVEL FIRE DEPT. ACCESS
- PROVIDE ONE OF THE FOLLOWING:
- SPRINKLERS
 - NON-COMBUSTIBLE CONSTR
 - FRT WOOD
 - NON-COMB INSULATION

CHPT 10 MEANS OF EGRESS

OCCUPANCY (TBL 1004.1.2)

48 UNIT

	SF	LOAD	OCC
FIRST FLOOR RESIDENTIAL	9,817 SF	200 GROSS	49 OCC
SECOND FLOOR RESIDENTIAL	9,479 SF	200 GROSS	47 OCC
THIRD FLOOR RESIDENTIAL	9,324 SF	200 GROSS	47 OCC
FOURTH FLOOR RESIDENTIAL	9,396 SF	200 GROSS	47 OCC
			TOTAL: 190 OCC

1006.2 <10OCC 125' CPT - ONE EXIT FROM EA SPACE (APT)

1006.3.2(1) STORY W ONE EXIT FOR R-2 - BASEMENT, 1ST, 2ND OR 3RD ABOVE GRADE PLANE - 4 DWELLING UNITS / 125' CPT

CHPT 11 ACCESSIBILITY

1107.6.2.2 APARTMENT UNITS - 2% TYPE A (2), REMAINDER ON GROUND LEVEL TYPE B

TOTAL UNITS PROPOSED: 2 BLDG X 48 = 90 TOTAL UNITS

TYPE 'A' REQUIRED: 2 UNITS (COMPLIES)

TYPE 'B' REQUIRED: REMAINDER OF FIRST LEVEL

1106.1 ACCESSIBLE PARKING SPACES - 83 TOTAL / 4 ACC SPACES REQ'D

1107.7.1 GENERAL EXCEPTIONS - STRUCTURES WITHOUT ELEVATOR SERVICE - GROUND FLOOR ONLY

PLUMBING FIXTURE COUNT (TBL 403.1 MPC)

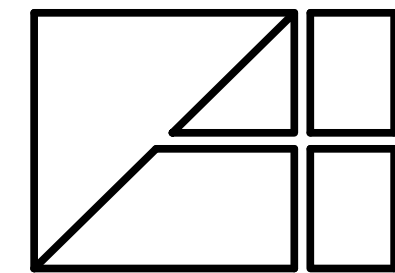
- R-2 - 1 WC PER DWELLING, 1 LAV PER DWELLING, 1 SHOWER/TUB PER DWELLING 1 KITCHEN SINK PER DWELLING, NO DRINKING FOUNTAIN, 1 AUTO CLOTHES WASHER CONN PER 20 DWELLING UNITS.

List of Deferred Submittals:

See MEP for Performance Spec, Final Design by sub-contractor will be a deferred submittal:
Smoke Alarm (NFPA 72)
Automatic Fire Suppression and Standpipe System (13R)

See Structural for Performance Spec, Final Design by sub-contractor will be a deferred submittal:
Certified (Wood) Roof and Floor Joist Truss Details

Fire-stopping details by Manuf.
Emergency Responder Radio design if required after test
ComCheck Building
Engineered Balcony Railing attachment by Railing
Manuf./sub-contractor



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Planning
Architecture
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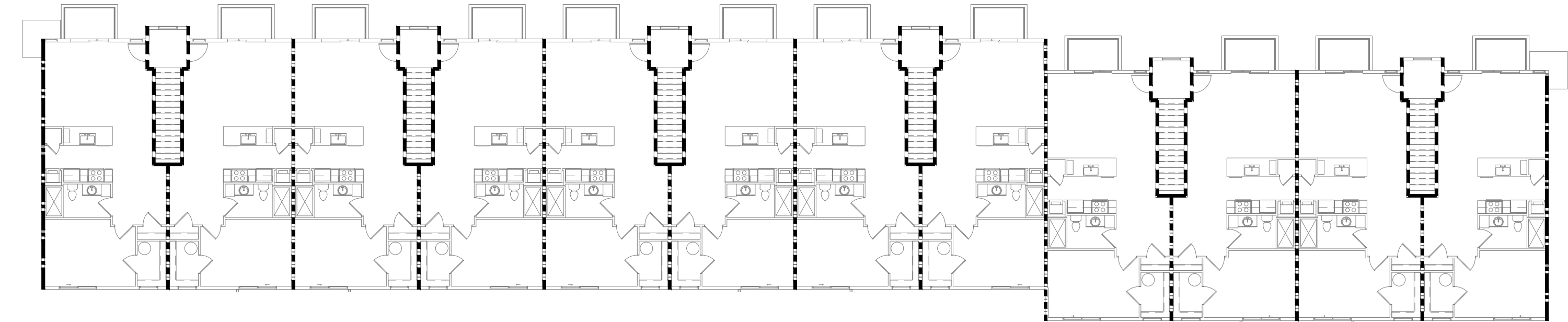
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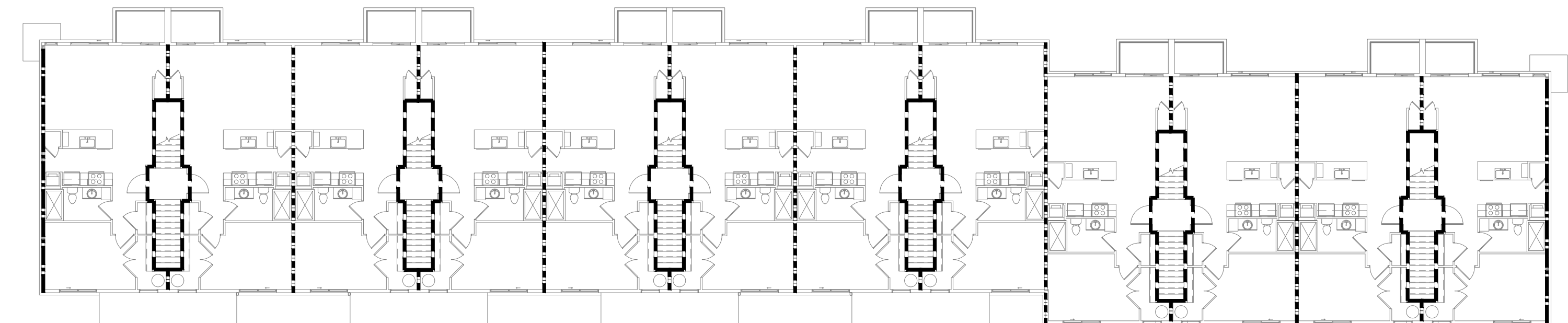
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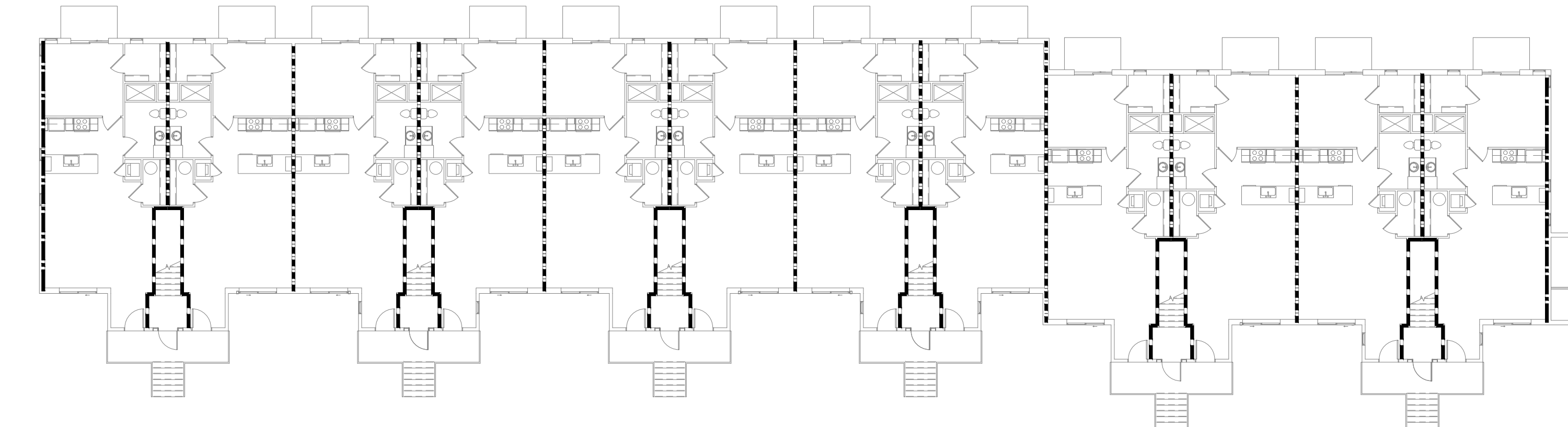
4 FOURTH FLOOR PLAN

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



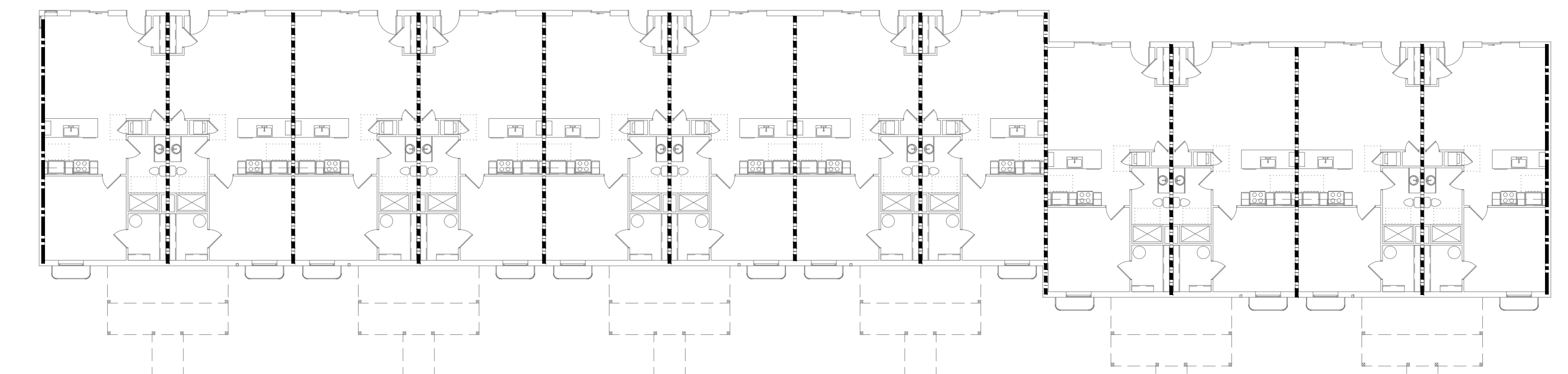
3 THIRD FLOOR PLAN

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



2 SECOND FLOOR PLAN

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



1 FIRST FLOOR PLAN

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

Fireblocking and draftstopping shall be installed in combustible concealed locations in accordance with this section. Fireblocking shall comply with Section 718.2. Draftstopping in floor/ceiling spaces and attic spaces shall comply with Sections 718.3 and 718.4, respectively. The permitted use of combustible materials in concealed spaces of buildings of Type I or II construction shall be limited to the applications indicated in Section 718.5.

718.2 Fireblocking
In combustible construction, fireblocking shall be installed to cut off concealed draft openings (both vertical and horizontal) and shall form an effective barrier between floors, between a top story and a roof or attic space. Fireblocking shall be installed in the locations specified in Sections 718.2.2 through 718.2.7.

718.2.1 Fireblocking Materials
In combustible construction, fireblocking shall be installed to cut off concealed draft openings (both vertical and horizontal) and shall form an effective barrier between floors, between a top story and a roof or attic space. Fireblocking shall be installed in the locations specified in Sections 718.2.2 through 718.2.7.

718.2.1.1 Batts or Blankets of Mineral wool or Mineral Fiber
Batts or blankets of mineral wool or mineral fiber or other approved nonrigid materials shall be permitted for compliance with the 10-foot (3048 mm) horizontal fireblocking in walls constructed using parallel rows of studs or staggered studs.

718.2.1.2 Unfaced Fiberglass
Unfaced fiberglass batt insulation used as fireblocking shall fill the entire cross section of the wall cavity to a minimum height of 16 inches (406 mm) measured vertically. Where piping, conduit or similar obstructions are encountered, the insulation shall be packed tightly around the obstruction.

718.2.1.3 Loose fill Insulation Material
Loose-fill insulation material, insulating foam sealants and caulk materials shall not be used as a fireblock unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and to retard the spread of fire and hot gases.

718.2.1.4 Fireblocking Integrity
The integrity of fire-blocks shall be maintained.

718.2.1.5 Double Stud Walls
Batts or blankets of mineral or glass fiber or other approved nonrigid materials shall be allowed as fireblocking in walls constructed using parallel rows of studs or staggered studs.

718.2.2 Concealed wall spaces
Fireblocking shall be provided in concealed spaces of stud walls and partitions, including furred spaces, and parallel rows of studs or staggered studs, as follows:
1. Vertically at the ceiling and floor levels.
2. Horizontally at intervals not exceeding 10 feet (3048 mm).

718.2.3 Connection between Horizontal and Vertical spaces
Fireblocking shall be provided at interconnections between concealed vertical stud wall or partition spaces and concealed horizontal spaces created by an assembly of floor joists or trusses, and between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, cove ceilings and similar locations.

718.3 Draftstopping in floors
In combustible construction, draftstopping shall be installed to subdivide floor/ceiling assemblies in the locations prescribed in Sections 718.3.2 through 718.3.3.

718.3.1 Draftstopping Materials
Draftstopping materials shall be not less than 1/2-inch (12.7 mm) gypsum board, 3/8-inch (9.5 mm) wood structural panel, 3/8-inch (9.5 mm) particleboard, 1-inch (25-mm) nominal lumber, cement fiberboard, batts or blankets of mineral wool or glass fiber, or other approved materials adequately supported. The integrity of draftstops shall be maintained.

718.3.2 Groups R-1, R-2, R-3 and R-4
Draftstopping shall be provided in floor/ceiling spaces in Group R-1 buildings, in Group R-2 buildings with three or more dwelling units, in Group R-3 buildings with two dwelling units and in Group R-4 buildings. Draftstopping shall be located above and in line with the dwelling unit and sleeping unit separations.

Exceptions:
1. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
2. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.2, provided that automatic sprinklers are installed in the combustible concealed spaces where the draftstopping is being omitted.

718.3.3 Other Groups
In other groups, draftstopping shall be installed so that horizontal floor areas do not exceed 1,000 square feet (93 m2). Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

718.4 Draftstopping in Attics
In combustible construction, draftstopping shall be installed to subdivide attic spaces and concealed roof spaces in the locations prescribed in Sections 718.4.2 and 718.4.3. Ventilation of concealed roof spaces shall be maintained in accordance with Section 1203.2.

718.4.1 Draftstopping Materials
Materials utilized for draftstopping of attic spaces shall comply with Section 718.3.1.

718.4.1.1 Openings
Openings in the partitions shall be protected by self-closing doors with automatic latches constructed as required for the partitions.

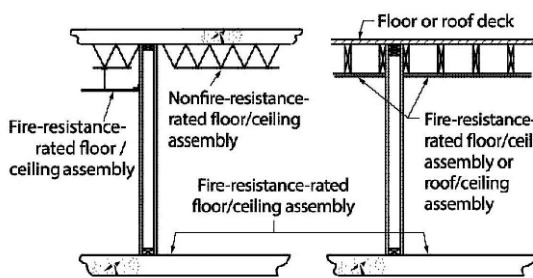
718.4.2 Groups R-1 and R-2
Draftstopping shall be provided in attics, mansards, overhangs or other concealed roof spaces of Group R-2 buildings with three or more dwelling units and in all Group R-1 buildings. Draftstopping shall be installed above, and in line with, sleeping unit and dwelling unit separation walls that do not extend to the underside of the roof sheathing above.

Exceptions:
1. Where corridor walls provide a sleeping unit or dwelling unit separation, draftstopping shall only be required above one of the corridor walls.
2. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
3. In occupancies in Group R-2 that do not exceed four stories above grade plane, the attic space shall be subdivided by draftstops into areas not exceeding 3,000 square feet (279 m2) or above every two dwelling units, whichever is smaller.
4. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.2, provided that automatic sprinklers are installed in the combustible concealed space where the draftstopping is being omitted.

718.4.3 Other Groups
Draftstopping shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet (279 m2). Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

- 1 HR / EXT. SIDE WALL BEARING FIRE PARTITION (UP505)
- - - SGL INT BEARING WALL (1 HOUR FIRE PARTITION (UP5243)
- - - 1 HR FIRE BARRIER (SGL BEARING WALL (UP5243)

1015 FIRE BARRIER CONTINUITY - FIRE BARRIER SHALL EXTEND FROM TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE AND BE SECURELY ATTACHED THERETO. (THRU THE FIRE RESISTANCE RATED ASSEMBLY)
1015.1 SUPPORTING CONSTRUCTION SHALL BE PROTECTED TO AFFORD THE SAME RATING AS THE FIRE BARRIER.



108.4 FIRE PARTITION CONTINUITY - FIRE PARTITION SHALL EXTEND FROM TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE OR TO THE FIRE RESISTANCE-RATED FLOOR/CEILING ASSEMBLY ABOVE AND BE SECURELY ATTACHED THERETO.

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SHEET TITLE

CODE DIAGRAMS

BLDG 'B'

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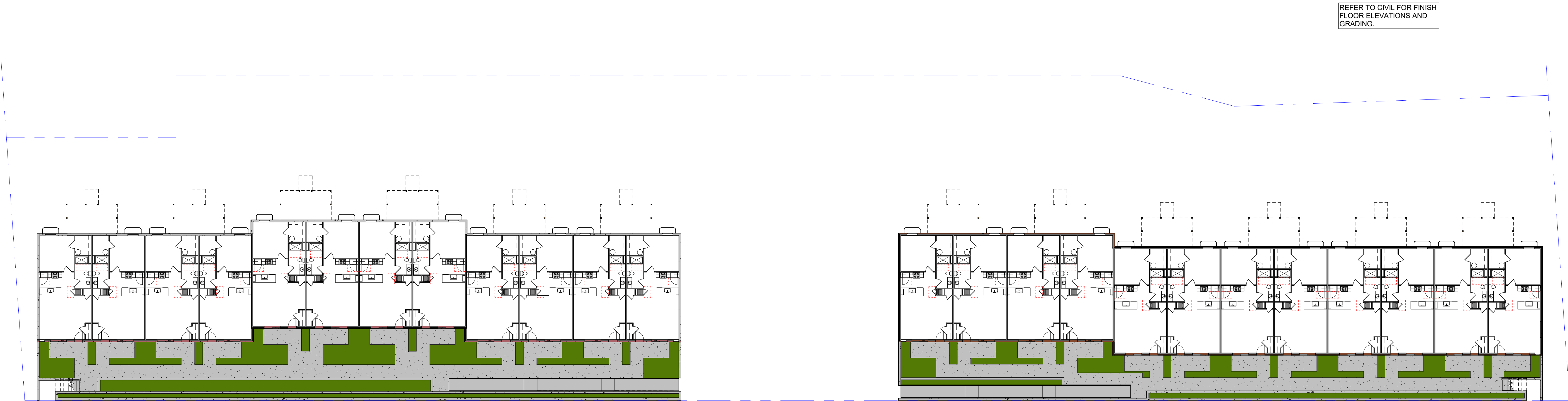
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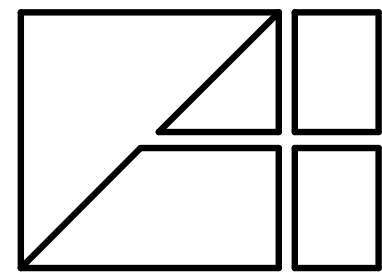
1 FIRST FLOOR
1" = 20'-0"



2 SITE PLAN
1" = 20'-0"

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ARCHITECTURAL SITE PLAN

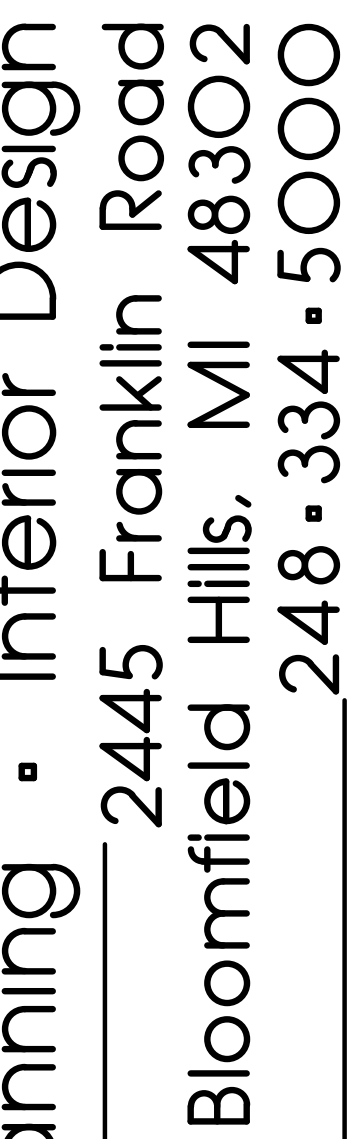
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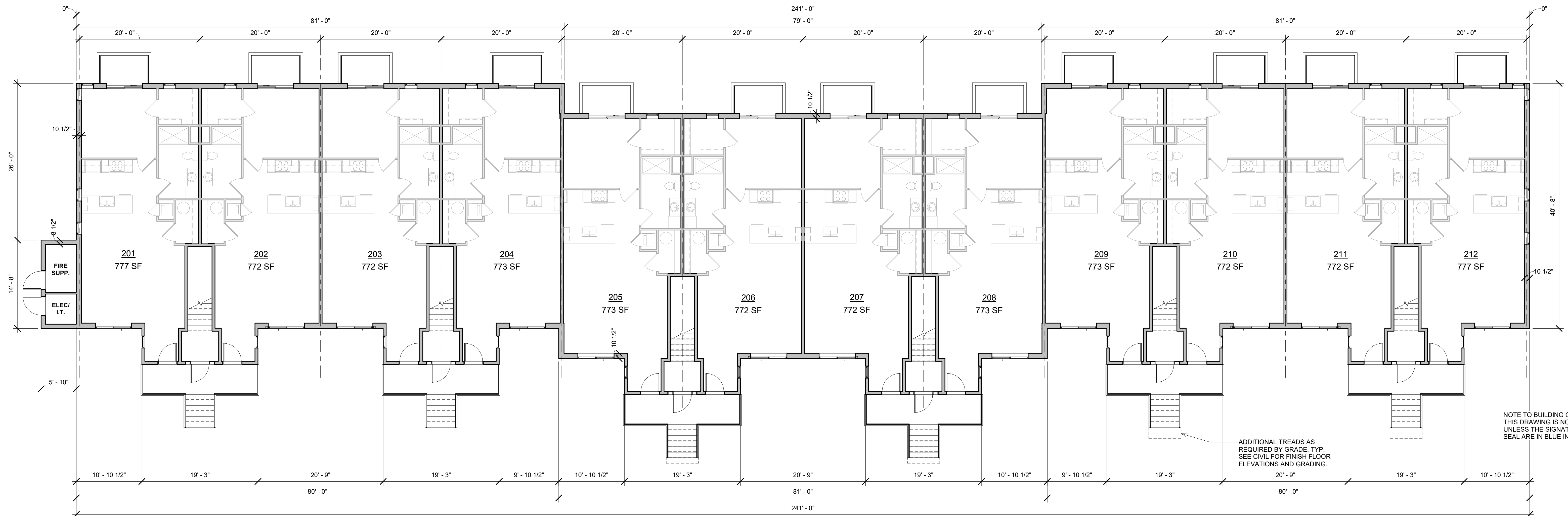
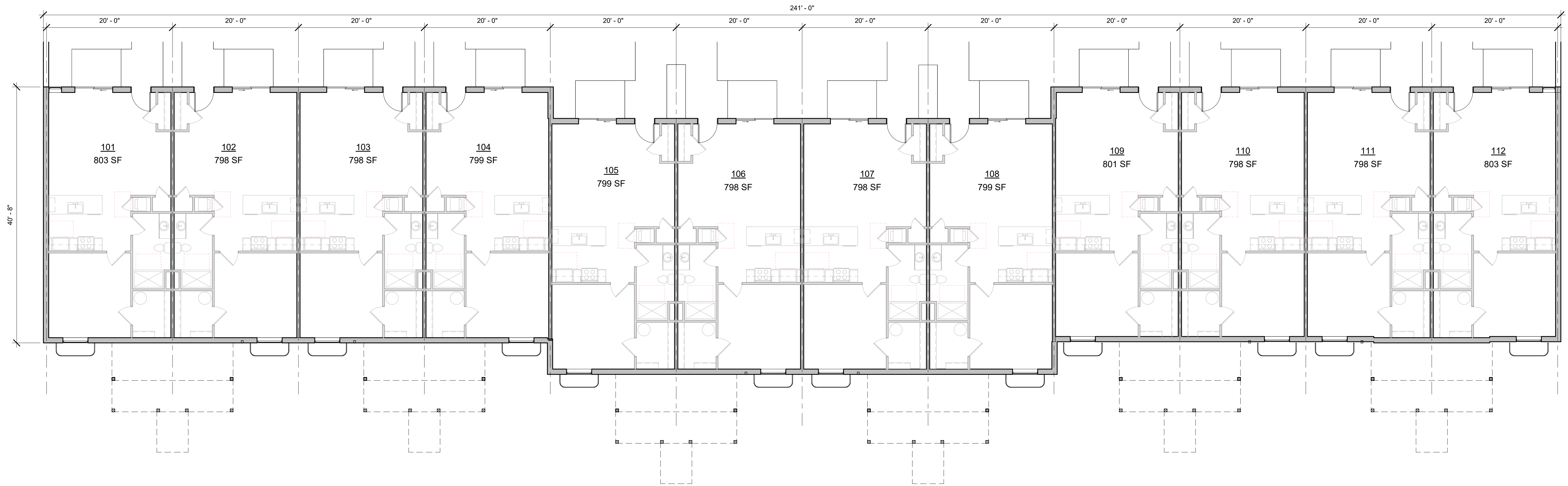
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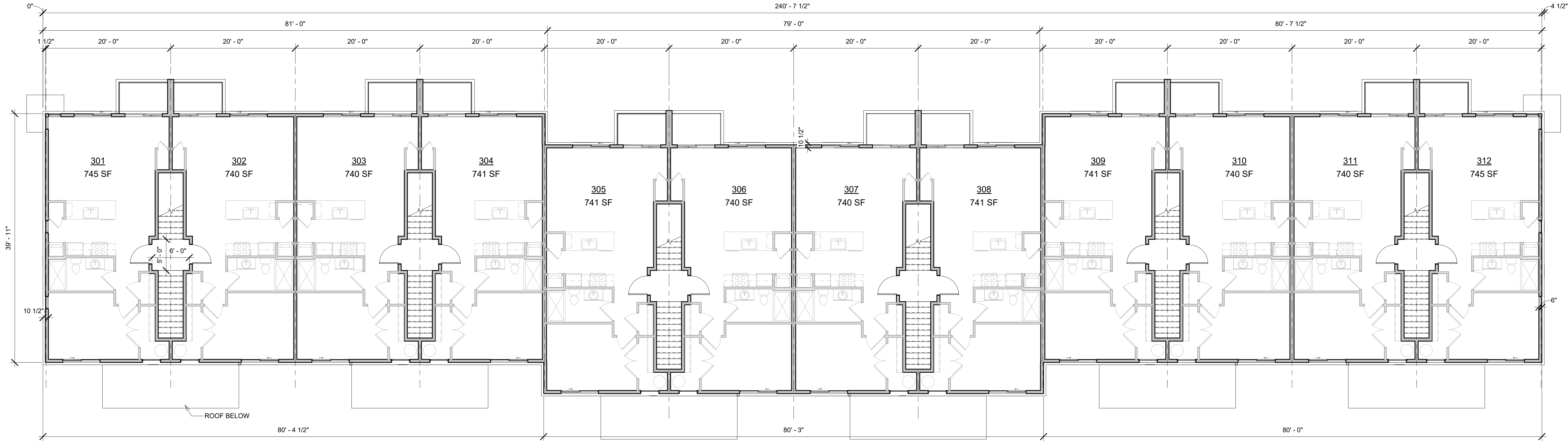
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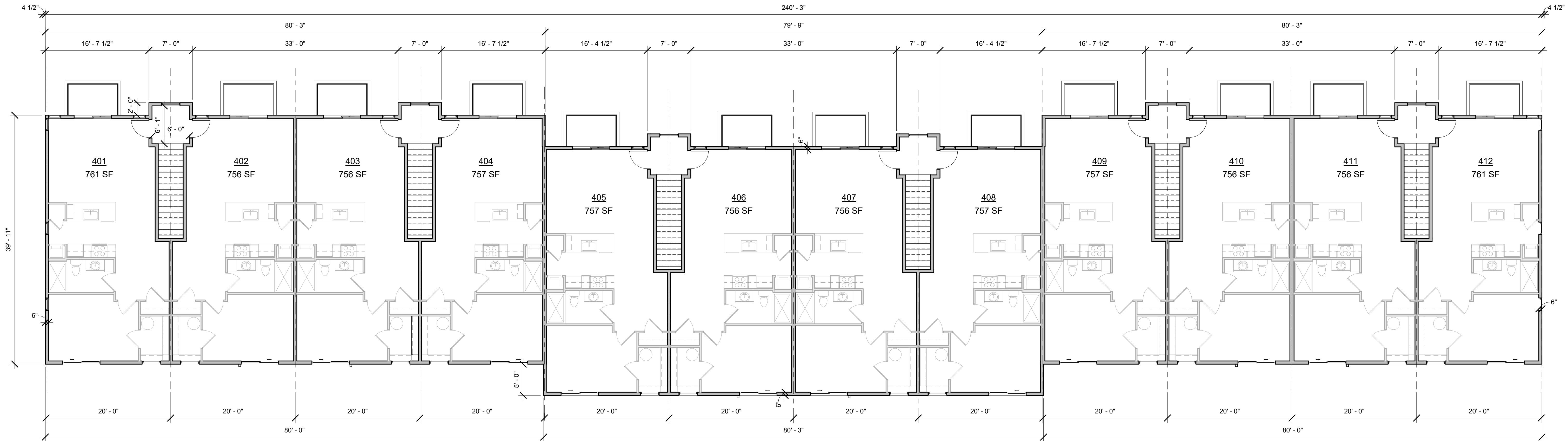
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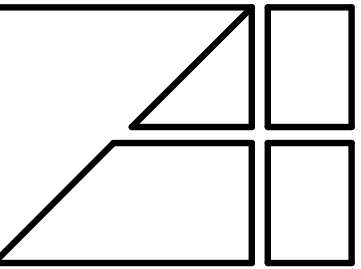


① BUILDING A - THIRD FLOOR PLAN
1/8" = 1'-0"



② BUILDING A - FOURTH FLOOR PLAN
1/8" = 1'-0"

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BUILDING A PLANS

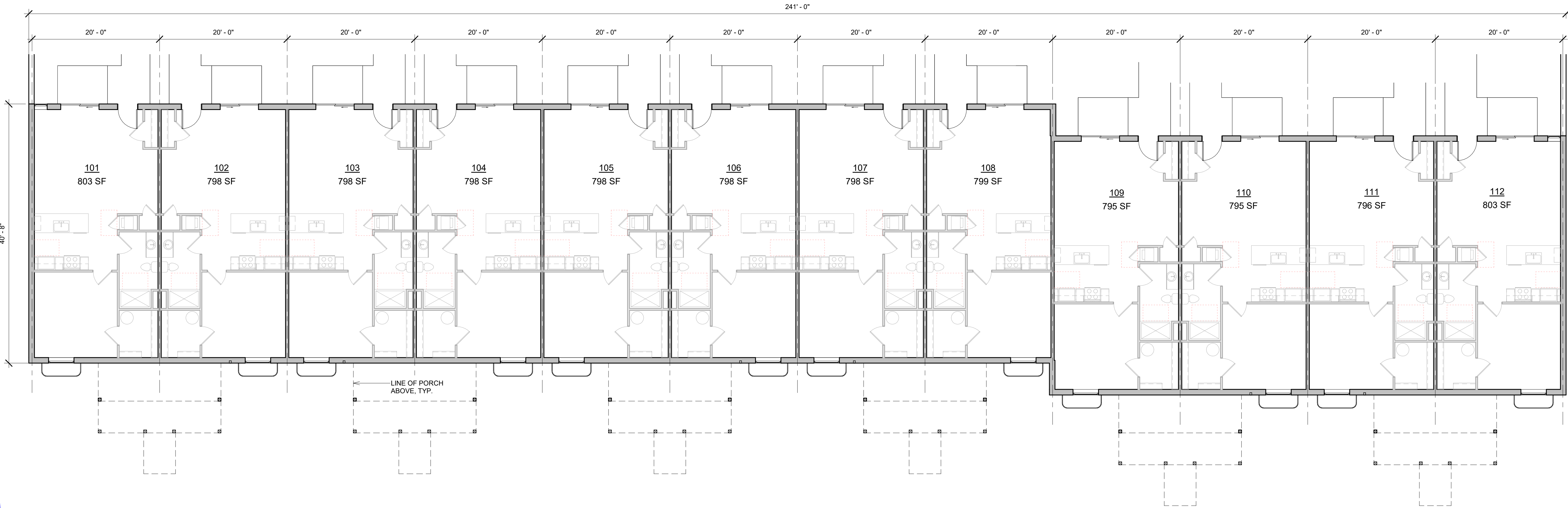
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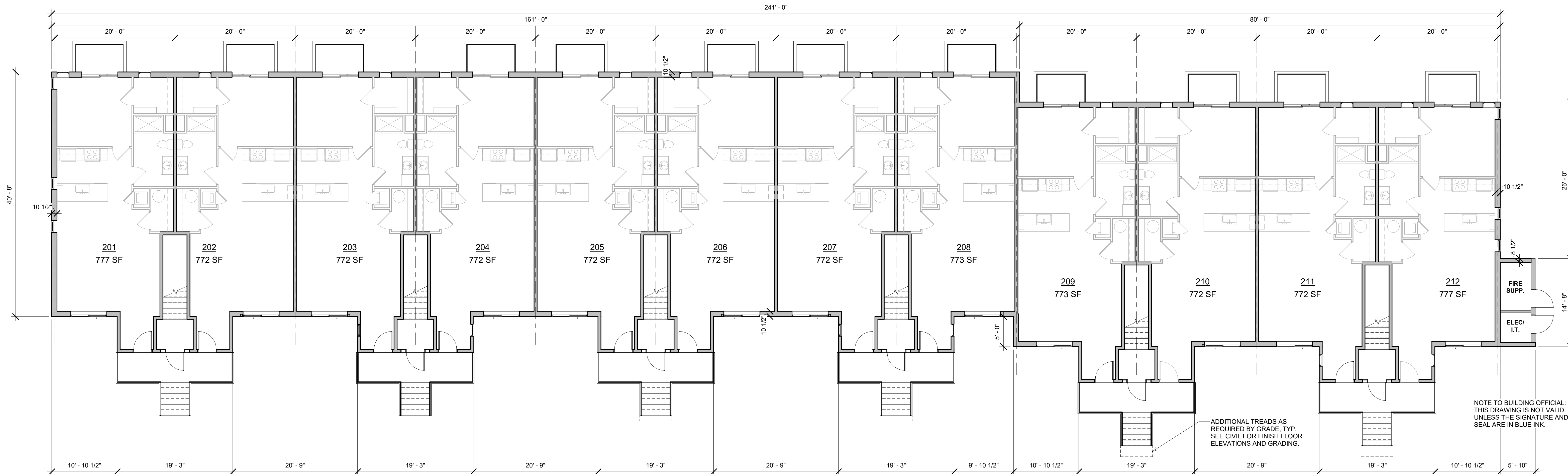
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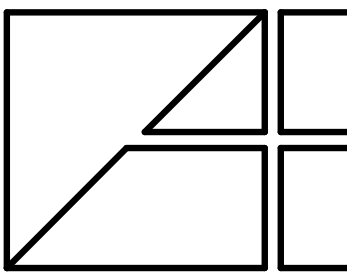
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1 BUILDING B - FIRST FLOOR PLAN
1/8" = 1'-0"



2 BUILDING B - SECOND FLOOR PLAN
1/8" = 1'-0"



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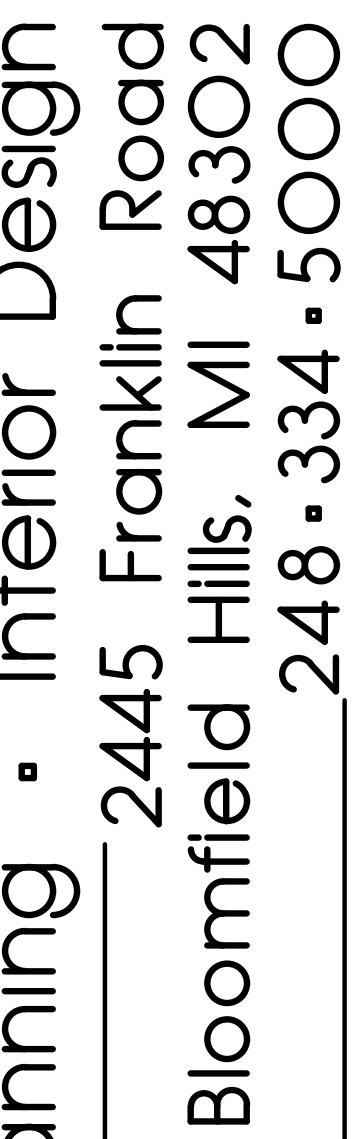
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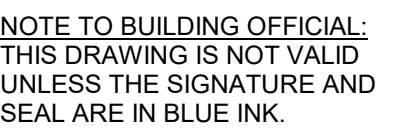
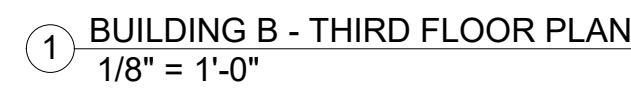
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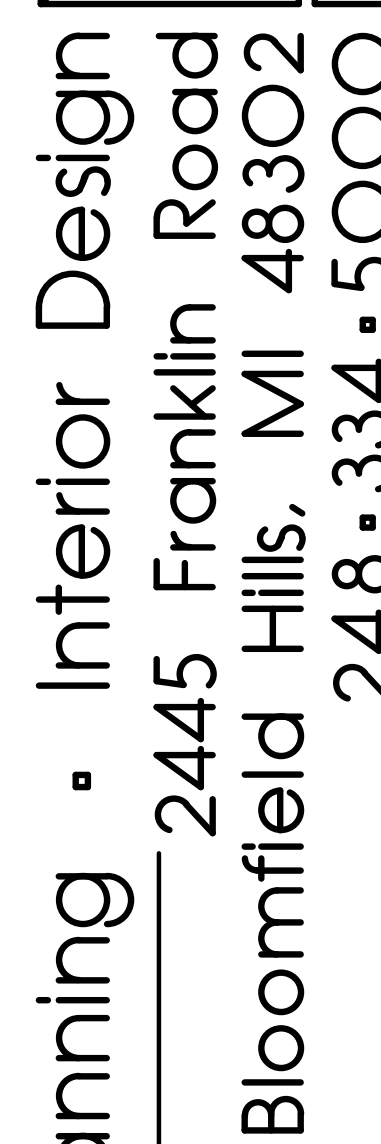
CLIENT PROJECT
PULLMAN PARC
BRODER SACHSE REAL ESTATE
DETROIT, MICHIGAN

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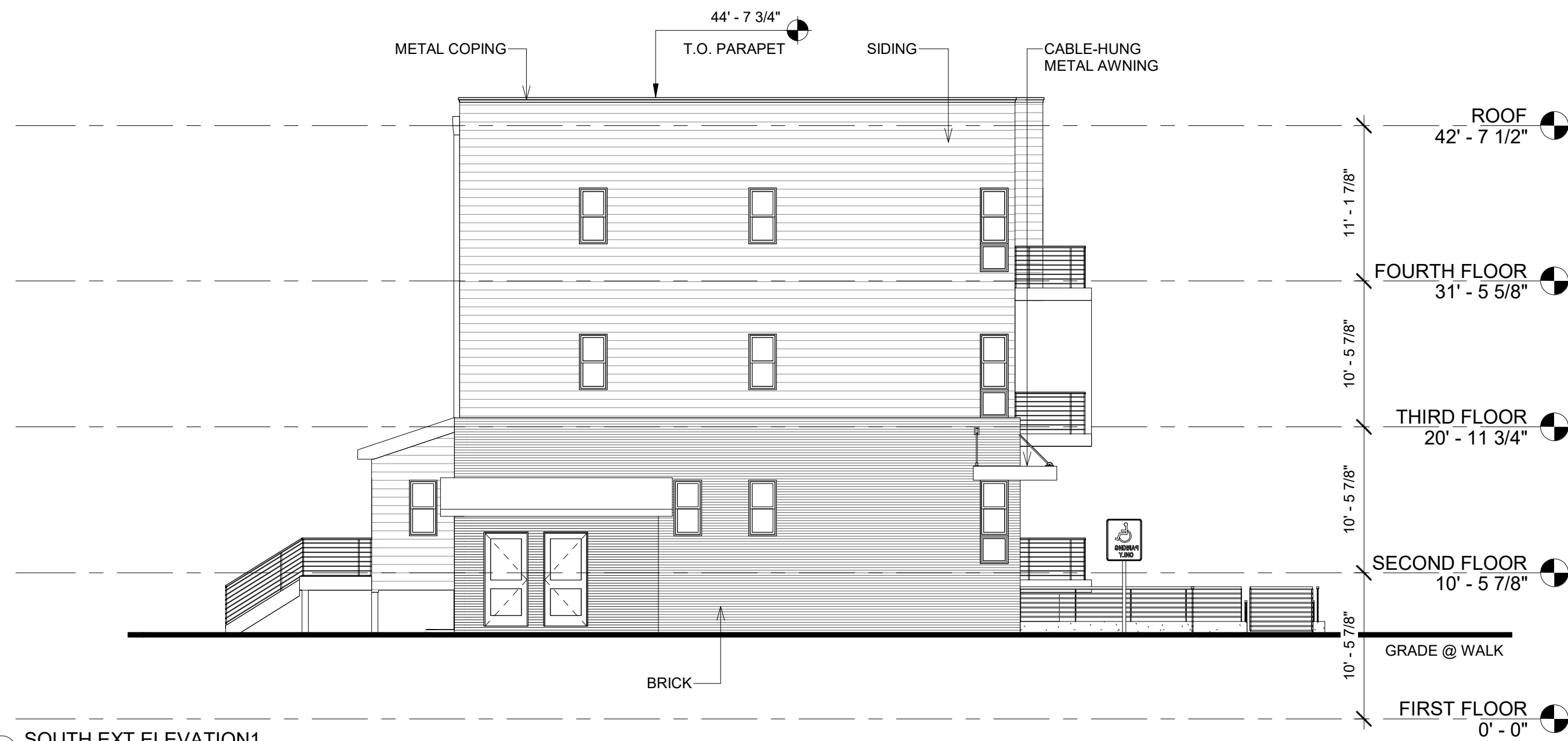
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1 WEST EXT ELEVATION Copy 1
1/8" = 1'-0"

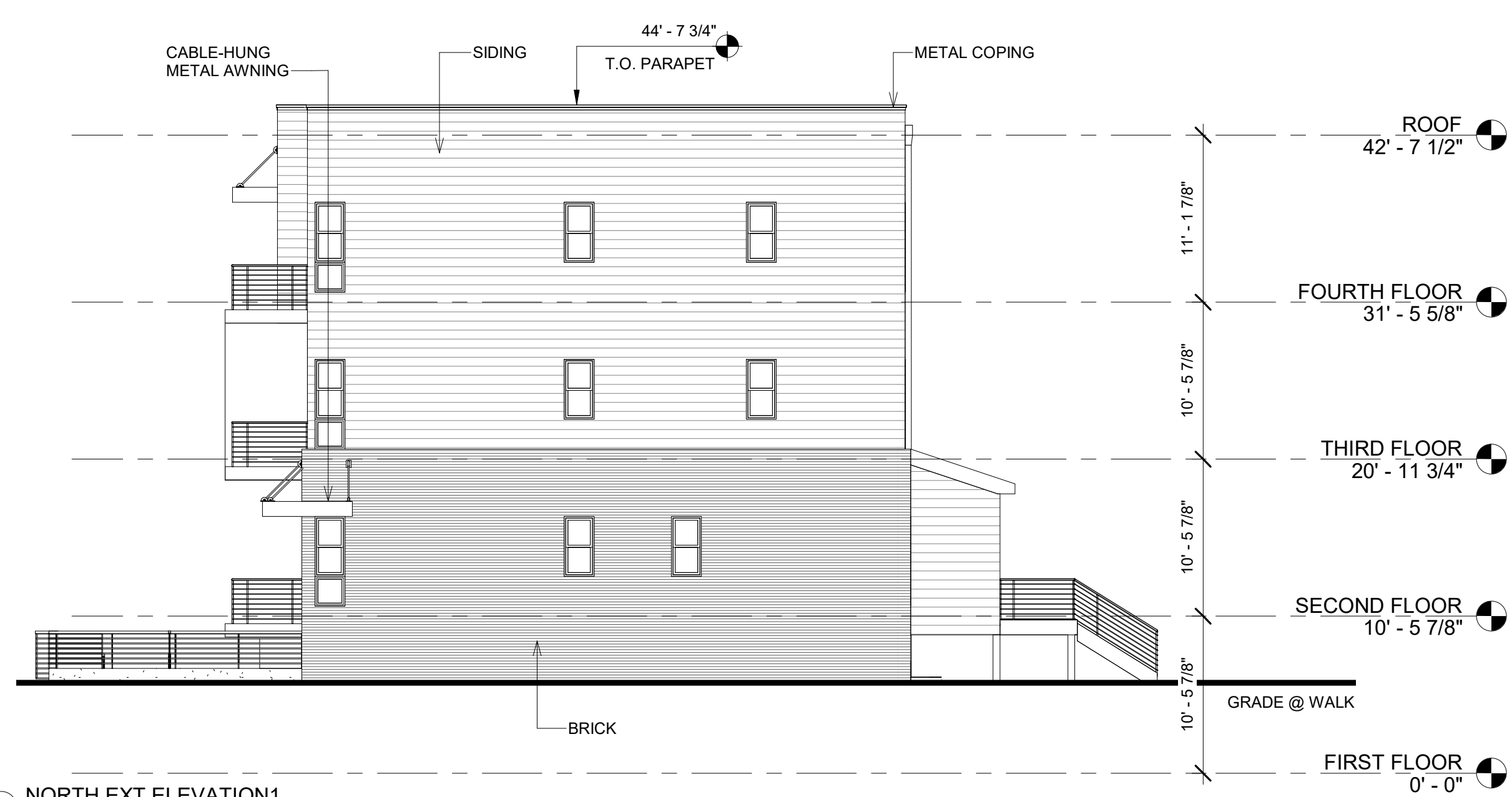


2 EAST EXT ELEVATION1
1/8" = 1'-0"



3 SOUTH EXT ELEVATION1
1/8" = 1'-0"

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4 NORTH EXT ELEVATION1
1/8" = 1'-0"

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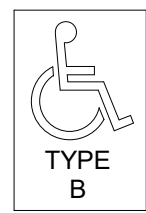
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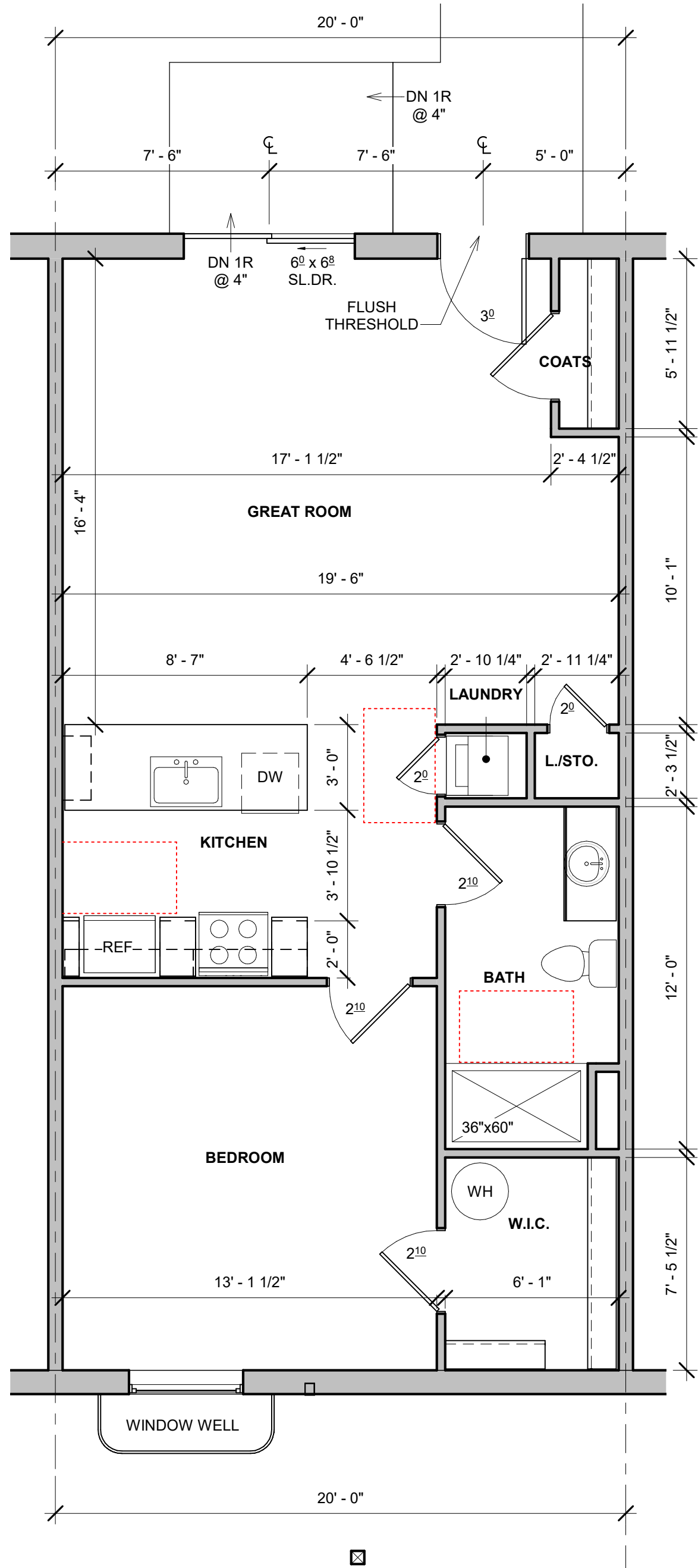
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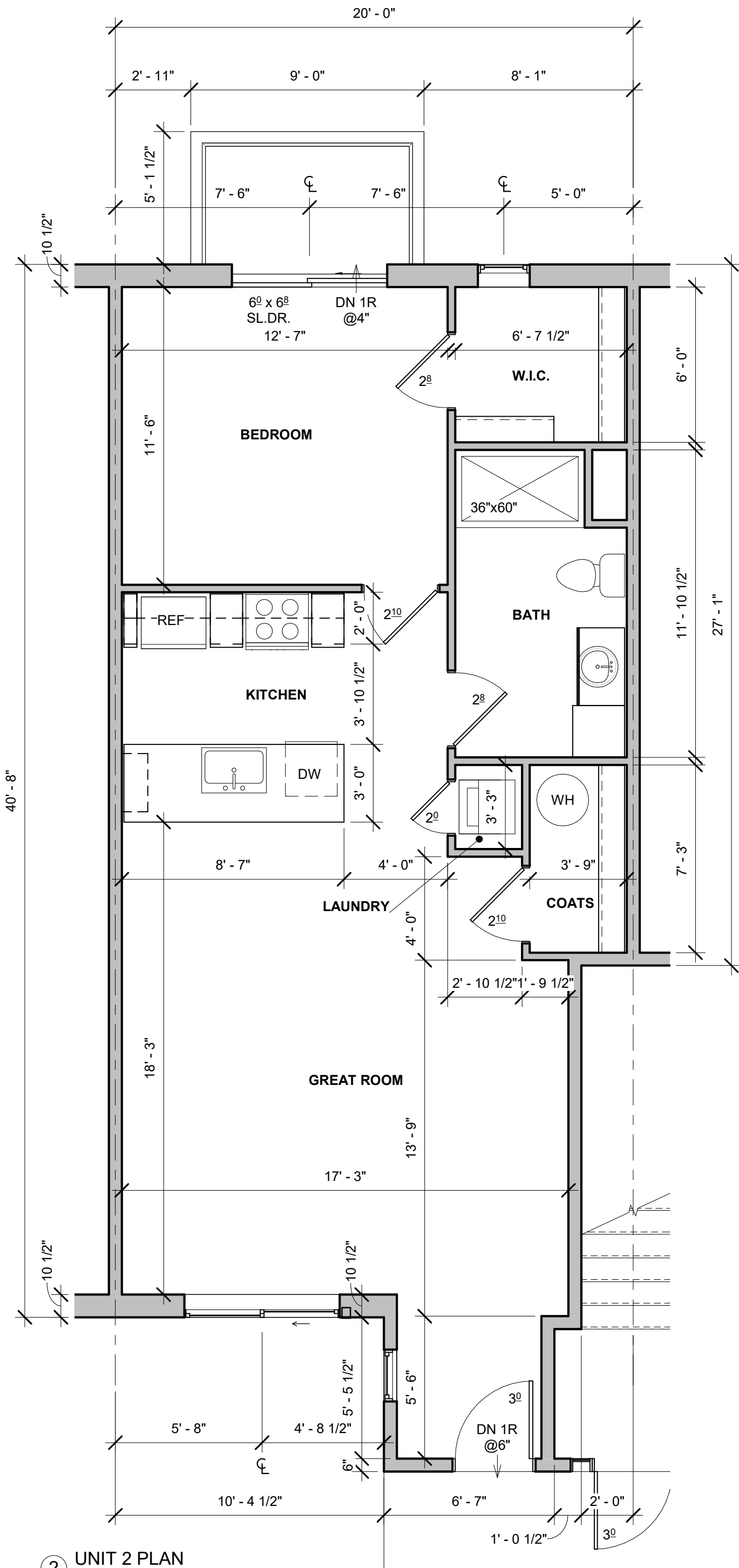
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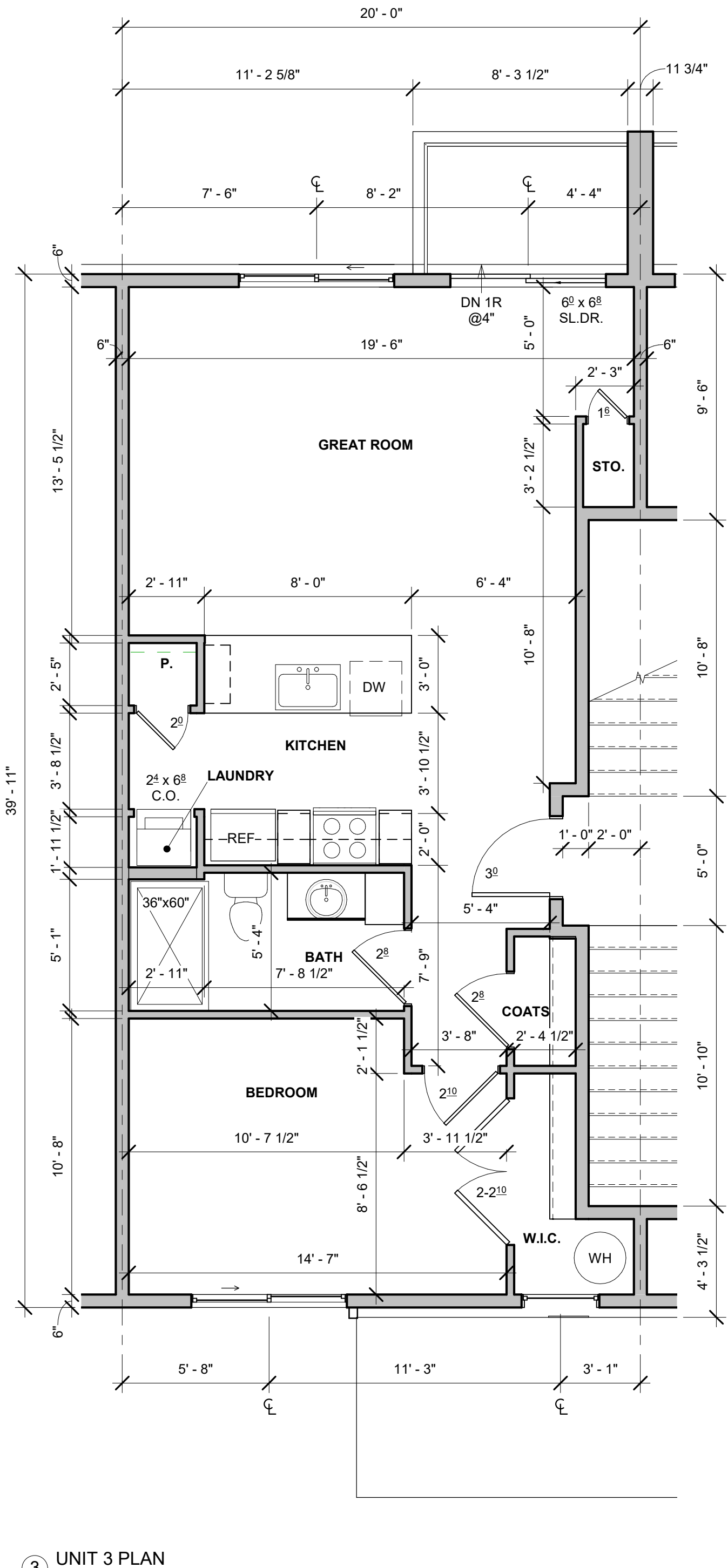
① UNIT 1 PLAN - TYPE B
1/4" = 1'-0"
MINIMUM (2) TYPE A UNITS REQUIRED, FOR ENTIRE SITE



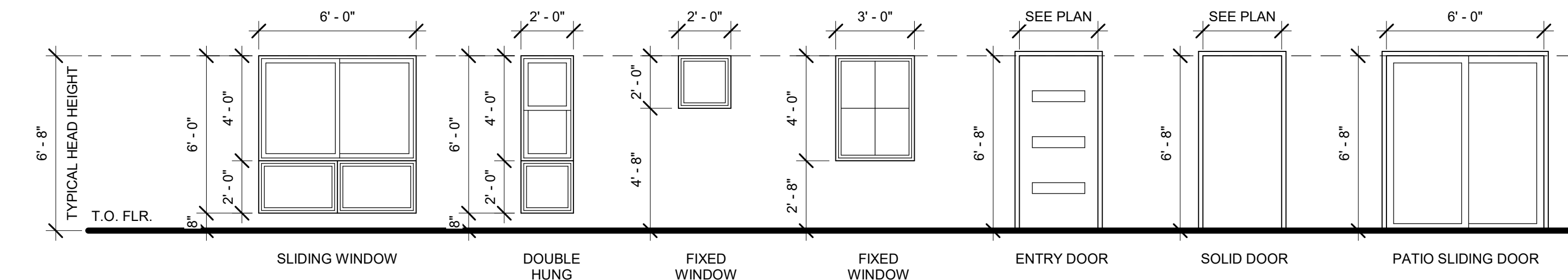
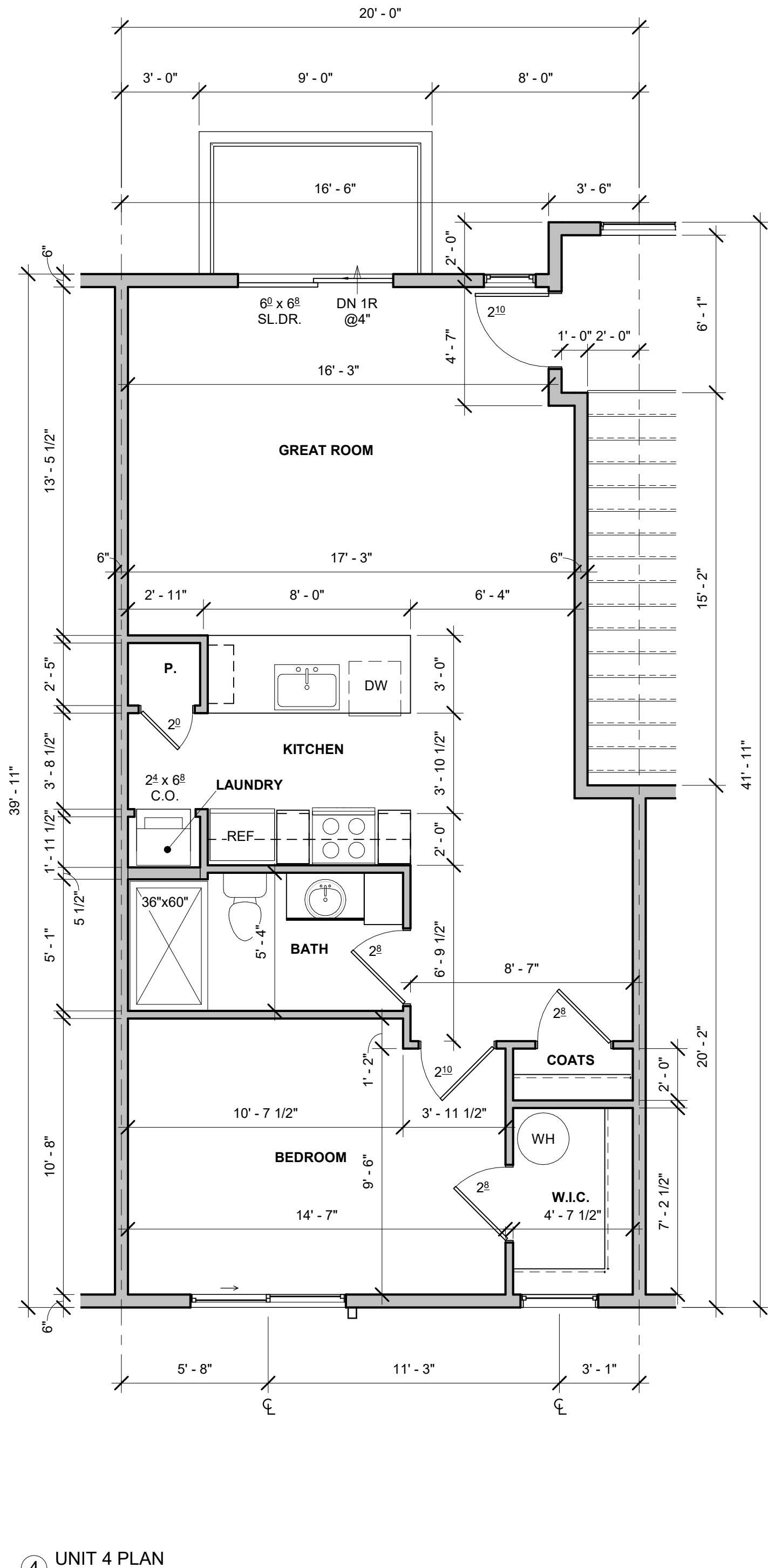
② UNIT 2 PLAN
1/4" = 1'-0"



③ UNIT 3 PLAN
1/4" = 1'-0"

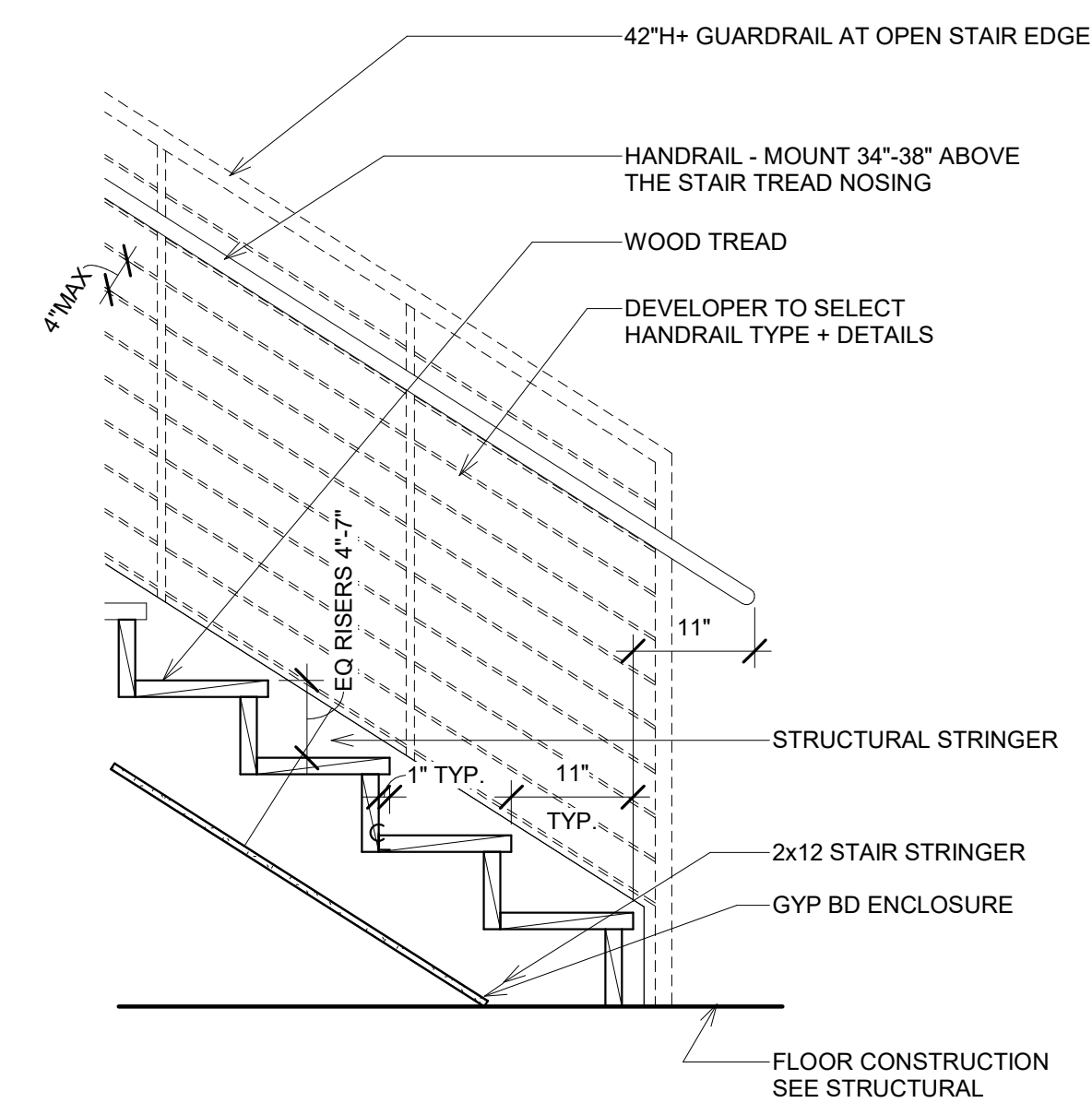
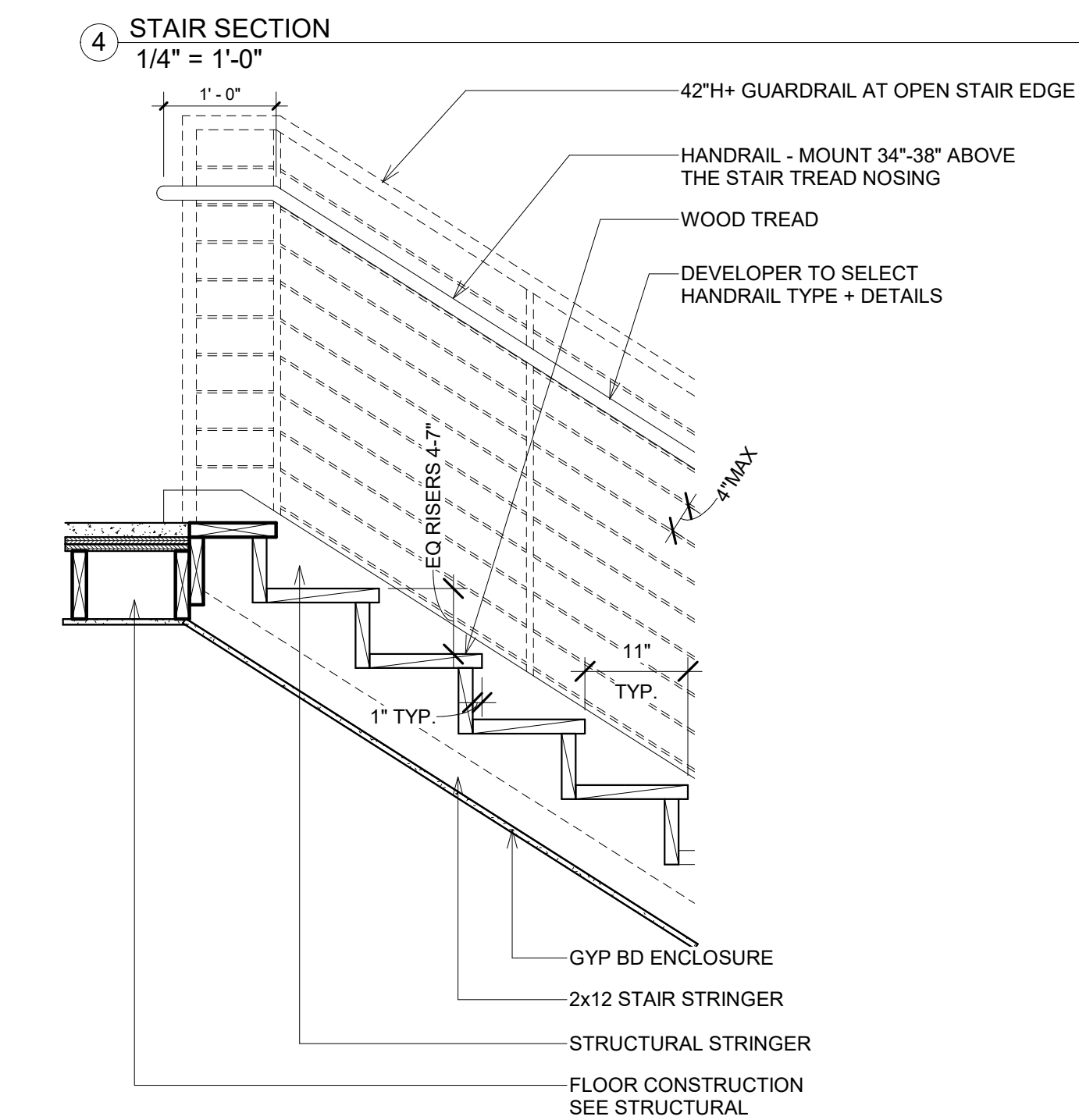
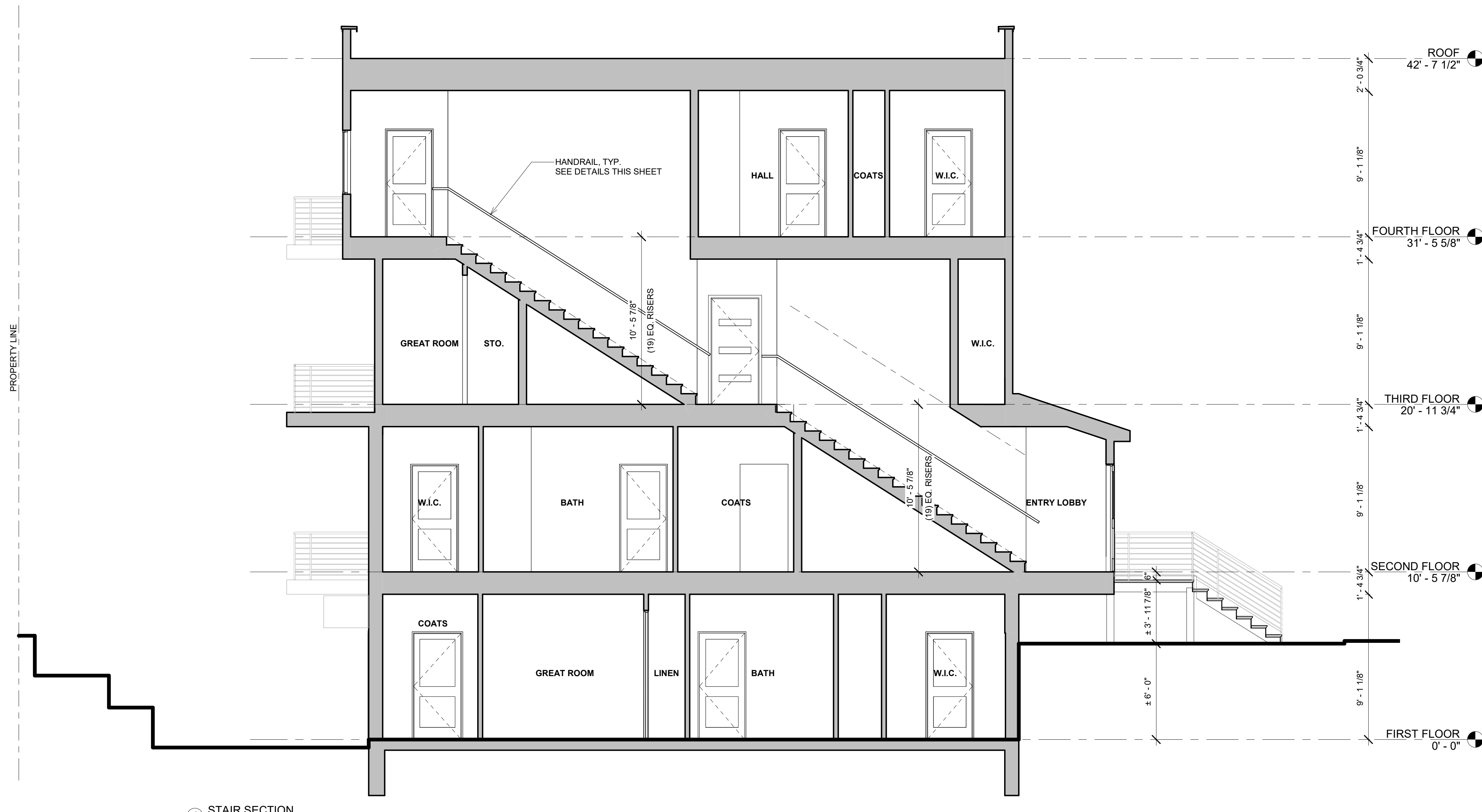
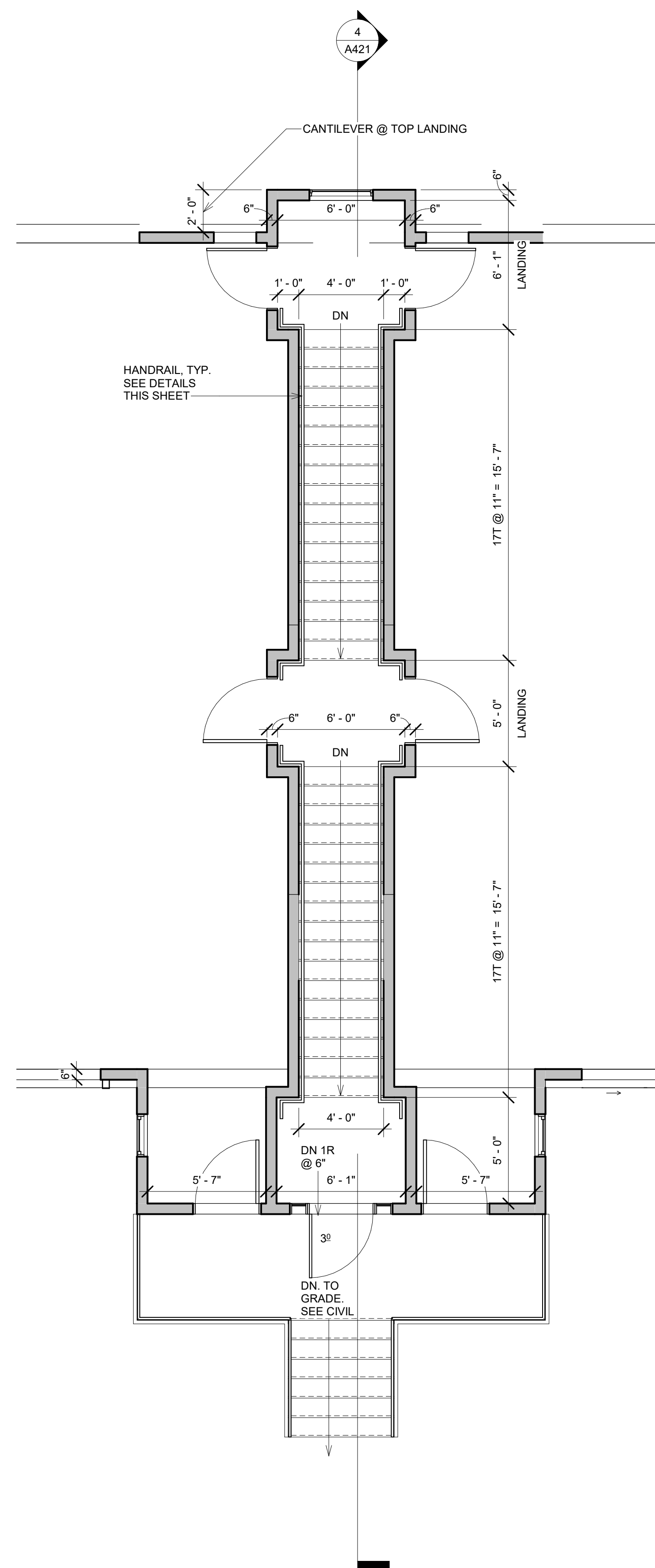


④ UNIT 4 PLAN
1/4" = 1'-0"

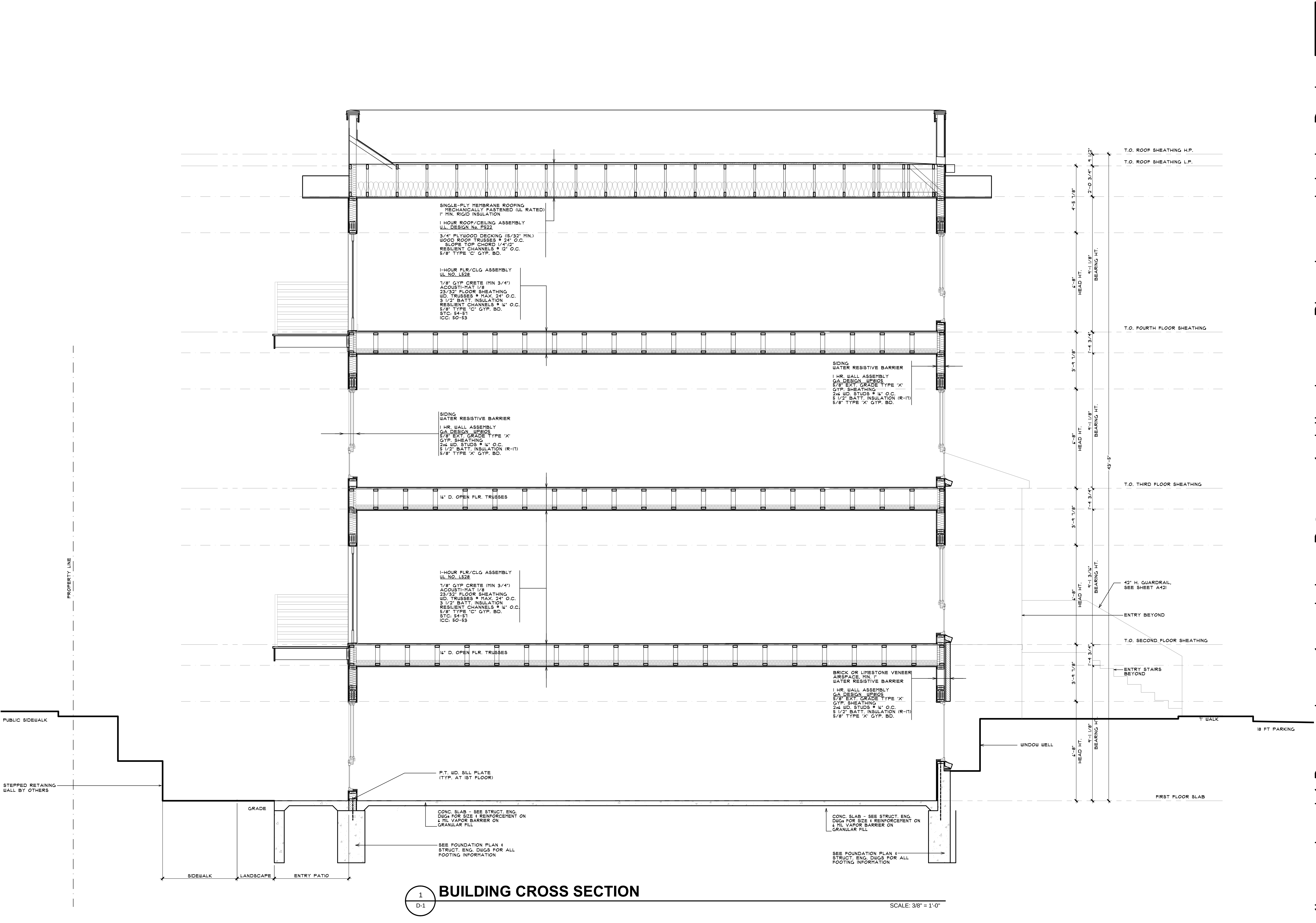


⑤ WINDOW AND DOOR ELEVATIONS
1/4" = 1'-0"

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1 BUILDING CROSS SECTION

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

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SHEET TITLE

BUILDING SECTION

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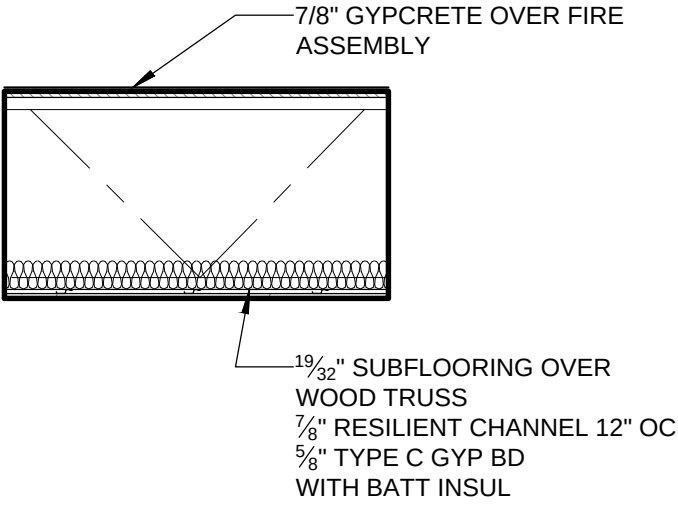
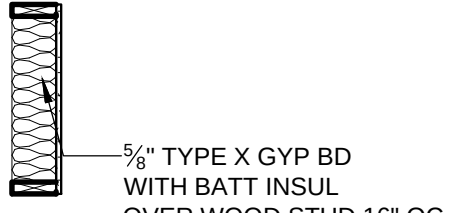
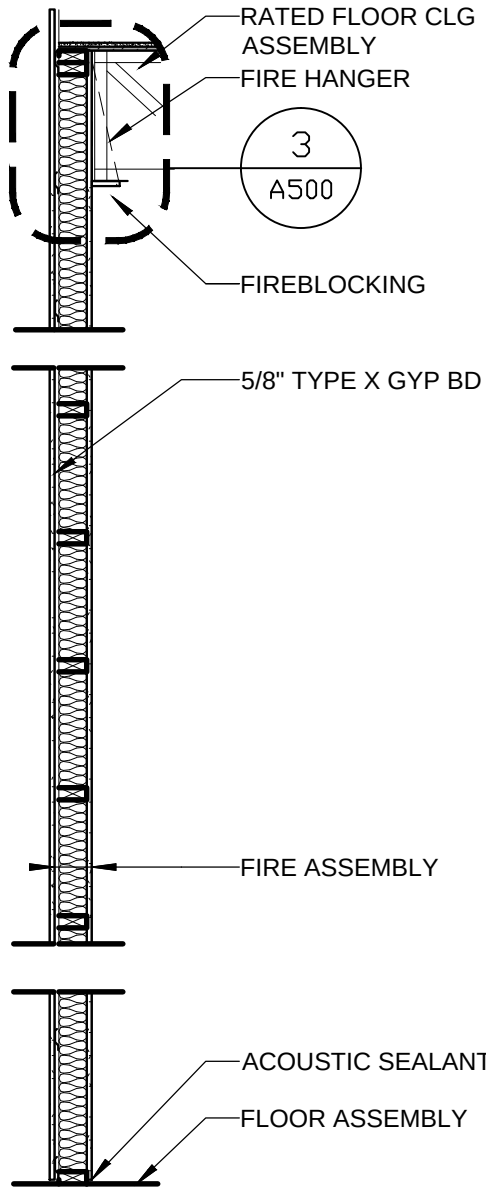
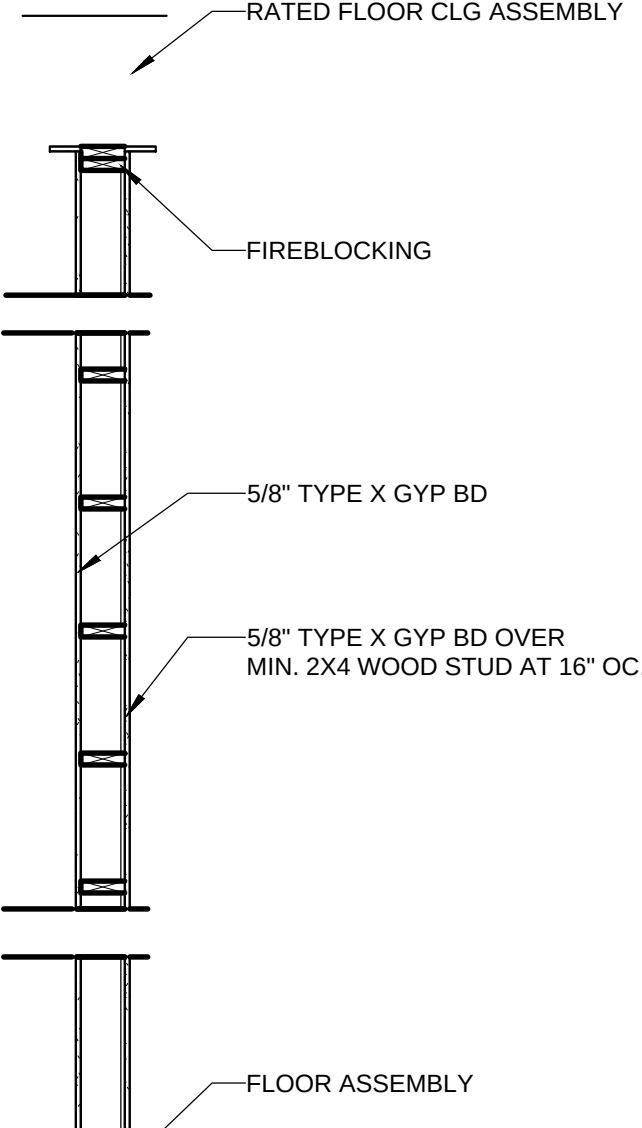
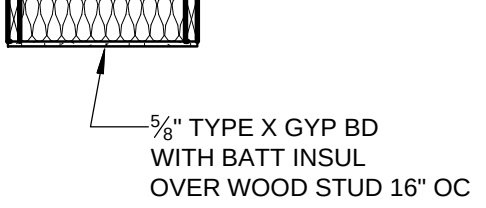
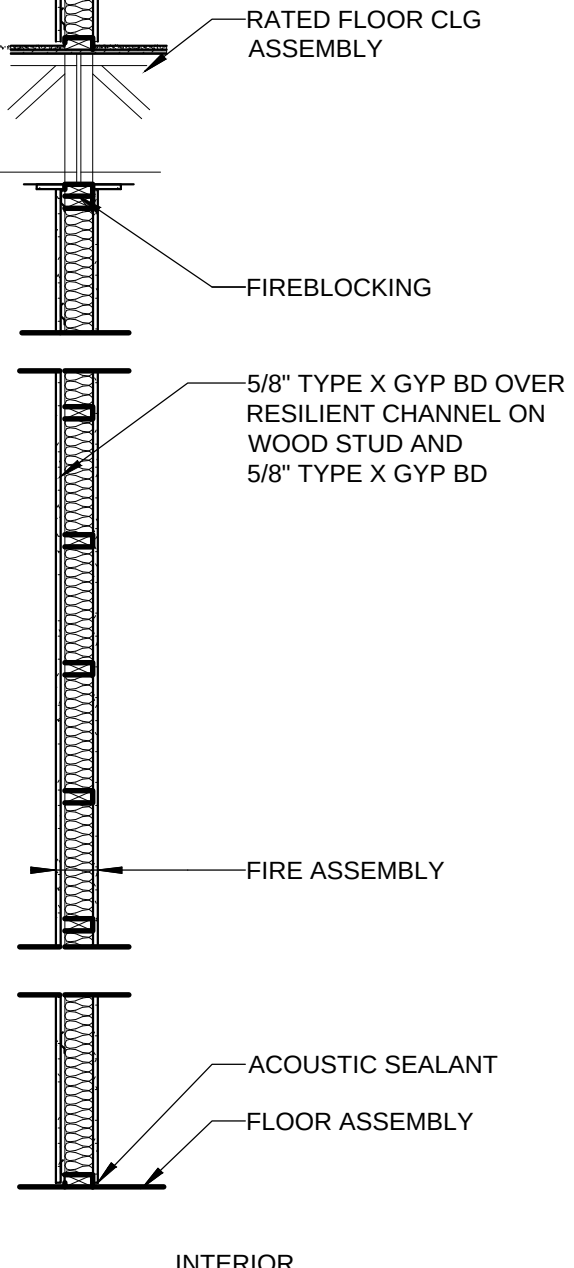
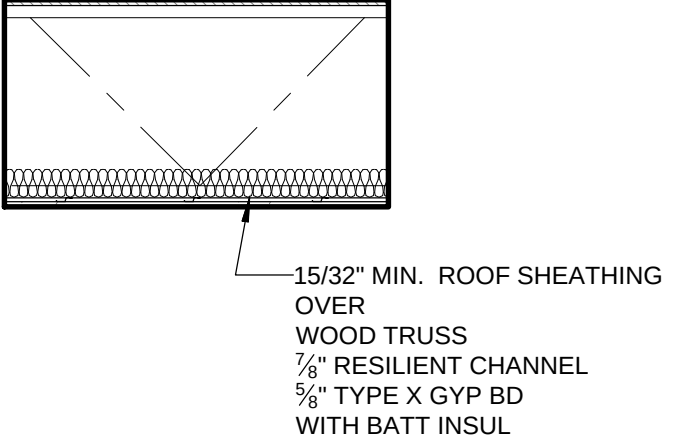
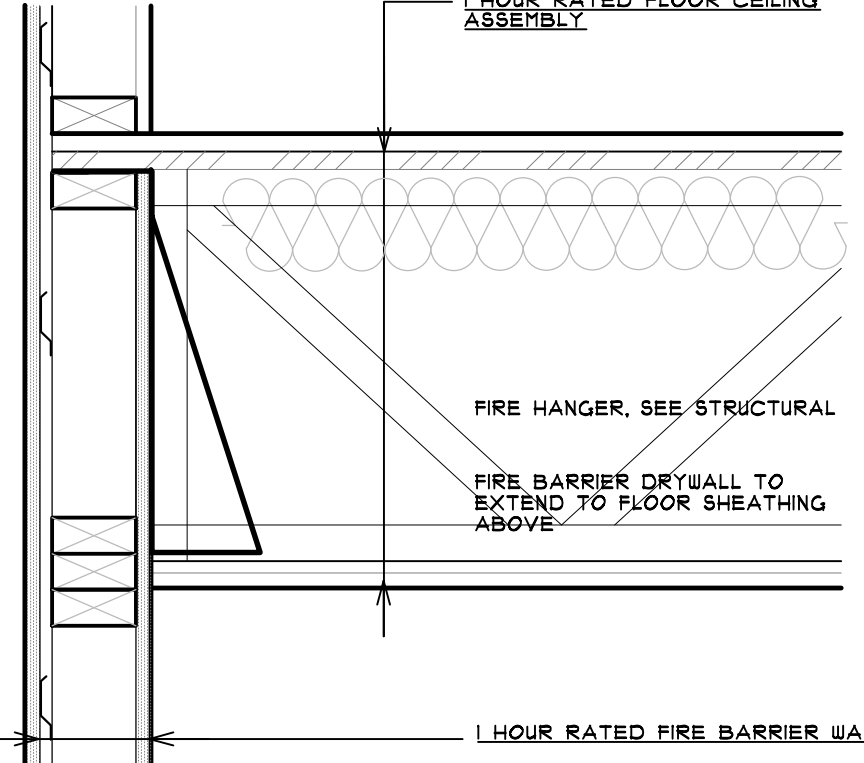
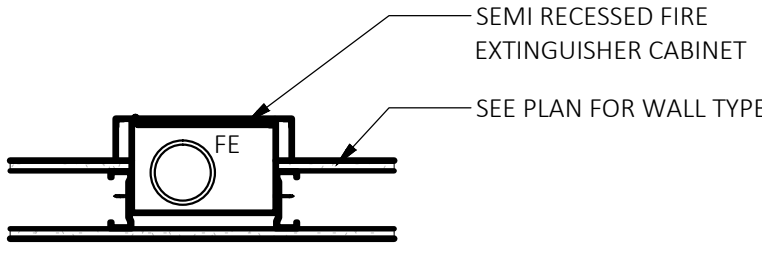
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LOCATION / NOTES		NON-BEARING	BEARING	LOCATION / NOTES		LOCATION / NOTES		LOCATION / NOTES		LOCATION / NOTES	
RESIDENTIAL FLOOR CEILING ASSEMBLY		VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD	BEARING WALL ADJACENT TO STAIR - SEE CALCULATIONS A501		VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD	FIRE BARRIER ASSEMBLY SIDE WALL STAIRS		TYPICAL NON-RATED PARTITION	
		PLAN VIEW	PLAN VIEW			PLAN VIEW	PLAN VIEW				
	1-HR FLOOR CEILING - WOOD	UL # L528				UL #			1-HR LOAD BEARING WOOD FIRE BARRIER	UL #WP 3243	
		STC 59 IIC 50				STC -				STC - 50-54	
CEILING ASSEMBLY UNDER STAIR - SEE CALCULATIONS A501		VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD			VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD	FIRE BARRIER ASSEMBLY REAR WALL STAIRS		DEMISING WALL FIRE SEPARATION ASSEMBLY	
		PLAN VIEW	PLAN VIEW			PLAN VIEW	PLAN VIEW			ADD SOUND INSULATION FOR HIGHER STC	
	1-HR CEILING - WOOD	UL # PRESCRIPT							1-HR LOAD BEARING WOOD	UL # WP3243	
		STC -								STC - 50 TO 54	
RESIDENTIAL ROOF CEILING ASSEMBLY		VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD			VERTICAL SECTION AT HEAD	VERTICAL SECTION AT HEAD				
		PLAN VIEW	PLAN VIEW			PLAN VIEW	PLAN VIEW				
	1-HR ROOF CEILING - WOOD	UL # P522				UL #			FIRE EXTINGUISHER 1 HR RATED	1" = 1'-0"	
		STC -				STC -					

PARTITION NOTES

THERE SHALL BE NO CHANGES TO ANY PART OF THE FIRE ASSEMBLY WITHOUT PRIOR APPROVAL BY THE ARCHITECT

THIS SHEET IS FOR GENERAL KNOWLEDGE OF ASSEMBLY ONLY. SEE FULL UL ASSEMBLY FOR ALL REQUIREMENTS.

<https://iq.ulprospector.com/en/>

- A CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR INTERIOR NON LOAD-BEARING PARTITIONS FOR REVIEW INDICATING GAGE OF METAL STUDS BASED UPON DIMENSIONS OF THE STUD, STUD SPACING, HEIGHT, AND ALLOWABLE DEFLECTION LIMIT. WITH REGARD TO RATED PARTITIONS, IN NO CASE SHALL THE GAGE SELECTED BE LESS THAN THAT DICTATED BY THE UL DESIGN SELECTED
- B PROVIDE ACOUSTIC SEALANT (BOTH SIDES) AT TOP AND BOTTOM TRACK OF ALL PARTITION TYPES INDICATING ACOUSTICAL FILL.
- C PROVIDE ACOUSTIC SEALANT AT ALL PENETRATIONS WITHIN ACOUSTICAL PARTITIONS.
- D AT ALL WALLS CONTAINING WALL CABINETS REINFORCE FRAMING WITH ADDITIONAL STRAPPING @ 58" AND 78" AFF.
- E PROVIDE FIRE RATED SEALANT AT BOTH SIDES OF RATED WALL. JOINT SYSTEM SHALL RESIST THE SPREAD OF FIRE FOR A TIME PERIOD OF NOT LESS THAN THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLY AS INDICATED BY THE U.L. ASSEMBLY PROVIDED. ALL JOINTS TO BE STAGGERED.
- F PROVIDE WATER-RESISTANT GYPSUM BOARD BACKING AT BATHROOM / TOILET ROOM SIDE ONLY.
- G PROVIDE GLASS MAT GYPSUM BOARD AT ALL WALLS TO RECEIVE TILE.
- H PROVIDE SILL SEALANT ON WALLS THAT SET ON CONCRETE OR MASONRY.
- I PENETRATIONS THROUGH RATED PARTITIONS SHALL NOT EXCEED APPLICABLE CODE REQUIREMENTS OR U.L. STANDARDS FOR CONDITIONS INDICATED.
- J PROVIDE STRUCTURAL DEFLECTION AT PARTITION HEADS PER U.L. ASSEMBLY REQUIREMENTS AND MANUFACTURER'S SPECIFICATIONS.
- K FIRESTOPPING: PROVIDE FIRESTOPPING ASSEMBLIES AT ALL PENETRATIONS AND INTERRUPTIONS TO FIRE RATED ASSEMBLIES WHICH PROVIDE THE SPECIFIED FIRE RATING OR PARTITION OR FLOOR. SEE SPECIFICATIONS
- L FOR COMBUSTIBLE WOOD CONSTRUCTION: HORIZONTAL FIRE BLOCKING IS REQUIRED IN EACH STUD SPACE WITHIN ALL WOOD STUD WALLS TALLER THAN 10'. THE BLOCKING CAN BE LOCATED ANYWHERE WITHIN THE HEIGHT OF WALL AS LONG AS THE SPACES SEPARATED BY THE BLOCKING ARE NO TALLER THAN 10'. BLOCKING MATERIAL SHALL BE ANY MATERIAL ALLOWED BY CODE. HORIZONTAL FIREBLOCKING IS NOT REQUIRED WHEN AN APPROVED INSULATION MATERIAL, WITH FLAME SPREAD NO GREATER THAN 100, IS USED WITHIN STUD CAVITIES.
- M AT WALL HUNG EQUIPMENT, MILLWORK AND ACCESSORIES PROVIDE WALL REINFORCING. CONTRACTOR'S OPTION: WOOD BLOCKING OR METAL BACKER PLATE. REFER TO INDIVIDUAL ELEVATIONS FOR LOCATION ABOVE FLOOR.
- N FURNISH AND INSTALL METAL PROFILE CLOSURES WHERE PARTITION EXTENDS TO UNDERSIDE OF METAL DECK.
- O ALL GYPSUM BOARD SURFACES SHALL RECEIVE A LEVEL 4 FINISH UNLESS NOTED OTHERWISE. FOR REFERENCE THE FOLLOWING LEVELS OF FINISH ARE ESTABLISHED AS A GUIDE FOR SPECIFIC FINAL DECORATION. THE MINIMUM REQUIREMENTS FOR EACH LEVEL SHALL BE AS DESCRIBED HEREIN:

- NOTES:
- SEE UL GENERAL INFORMATION FOR FIRE-RESISTANCE RATINGS / DESIGN CRITERIA AND ALLOWABLE VARIANCES AND GA600 GENERAL EXPLANATORY NOTES WHICH INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
- WHEN NOT SPECIFIED AS A COMPONENT OF A FIRE TESTED WALL OR PARTITION SYSTEM, MINERAL FIBER, GLASS FIBER, OR CELLULOSE FIBER INSULATION OF A THICKNESS NOT EXCEEDING THAT OF THE STUD DEPTH SHALL BE PERMITTED TO BE ADDED WITHIN THE STUD CAVITY.
 - IN EACH SYSTEM CONTAINING BATT OR BLANKET INSULATION THE INSULATION IS SPECIFIED TO BE EITHER MINERAL OR GLASS FIBER AND, FOR FIRE RESISTANCE, THE SYSTEM SHALL BE BUILT USING THE TYPE SPECIFIED.
 - SYSTEMS TESTED WITH METAL FURRING CHANNELS ATTACHED DIRECTLY TO THE BOTTOM CHORDS OF STEEL BEAMS, BAR JOISTS, OR WOOD TRUSSES OR FRAMING SHALL BE PERMITTED TO BE SUSPENDED. GENERALLY, FURRING CHANNELS ARE ATTACHED TO 1-1/2" INCH COLD ROLLED CARRYING CHANNELS 48 INCHES O.C. SUSPENDED FROM JOISTS BY 8 GAGE WIRE HANGERS SPACED NOT GREATER THAN 48 INCHES O.C.
 - ADDITIONAL LAYERS OF TYPE X OR REGULAR GYPSUM PANELS SHALL BE PERMITTED TO BE ADDED TO ANY SYSTEM.
 - WHEN NOT SPECIFIED AS A COMPONENT OF A FIRE RESISTANCE RATED WALL OR PARTITION SYSTEM, WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO BE ADDED TO ONE OR BOTH SIDES. SUCH PANELS SHALL BE PERMITTED TO BE APPLIED EITHER AS A BASE LAYER DIRECTLY TO THE FRAMING (UNDER THE GYPSUM BOARD), AS A FACE LAYER (OVER THE FACE LAYER OF GYPSUM BOARD), OR BETWEEN LAYERS OF GYPSUM BOARD IN MULTI-LAYER SYSTEMS. WHEN SUCH PANELS ARE APPLIED UNDER THE GYPSUM BOARD OR BETWEEN LAYERS OF GYPSUM BOARD THE LENGTH OF THE FASTENERS SPECIFIED FOR THE ATTACHMENT OF THE GYPSUM BOARD APPLIED OVER THE WOOD STRUCTURAL PANELS SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE WOOD STRUCTURAL PANELS. FASTENER SPACING FOR THE GYPSUM BOARD AND THE NUMBER OF LAYERS OF GYPSUM BOARD SHALL BE AS SPECIFIED IN THE SYSTEM DESCRIPTION.

SEE SHEET 00 FOR FIRESTOPPING / DRAFTSTOPPING TYPICAL NOTES.

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Interior Design

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