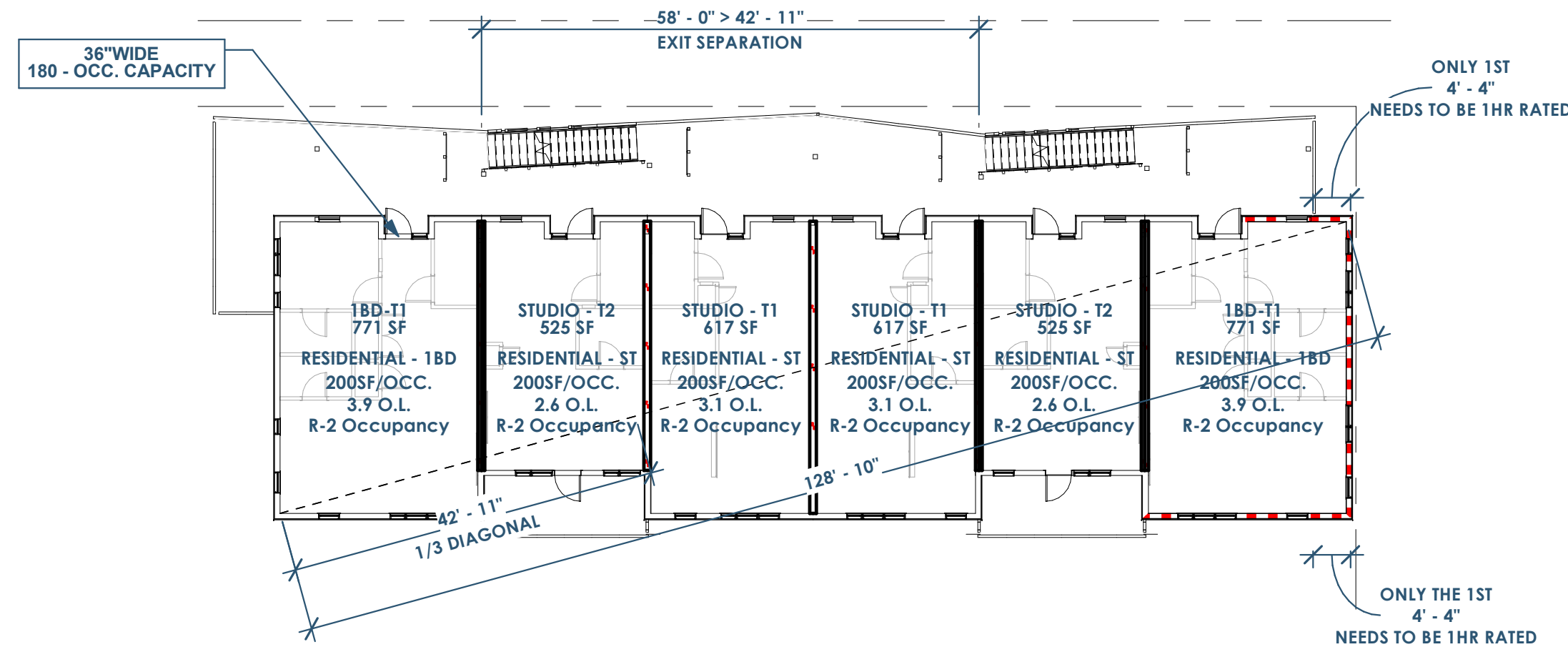
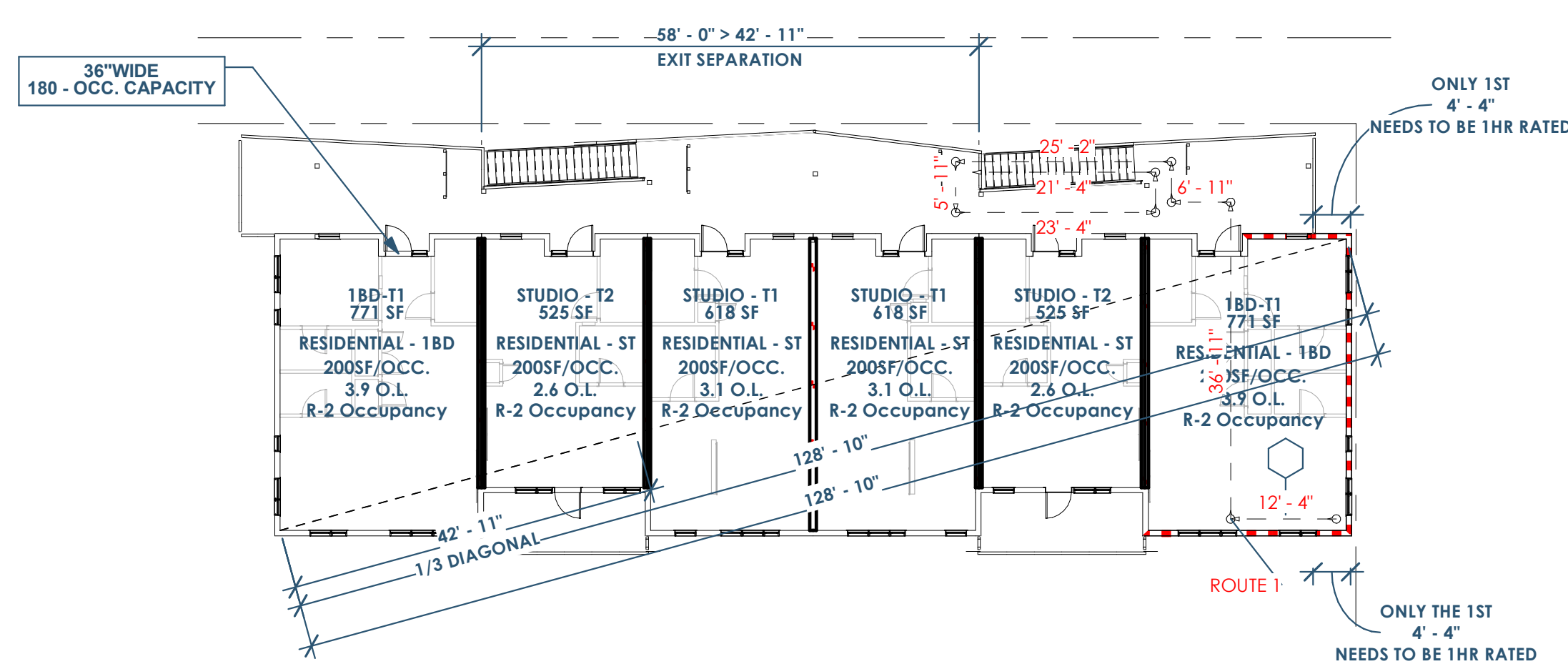


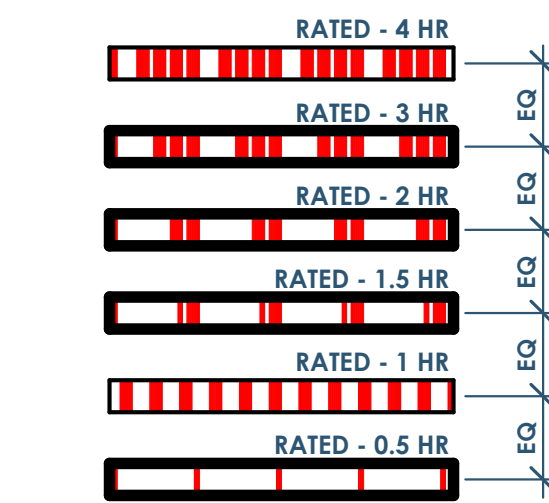
1 LIFE SAFETY - 1ST FLOOR
1/16" = 1'-0"



2 LIFE SAFETY - 2ND FLOOR
1/16" = 1'-0"



4 LIFE SAFETY - 3RD FLOOR
1/16" = 1'-0"



3 LIFE SAFETY LEGEND

EGRESS DATA	
EXIT ROUTE	DISTANCE
ROUTE 1	141' - 4"
Route A	50' - 0"

CODE INFORMATION

OCCUPANT LOAD (BASED ON TABLE 1004.1.2)							
Number	Level	Name	Occupancy	Area	Function of Space	Area Allowance Per Occupant	Occupant Load
B112	1ST FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B117	1ST FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B118	2ND FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B123	2ND FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B124	3RD FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B129	3RD FLOOR	180-T1	R-2	771 SF	RESIDENTIAL - 180	200	3.9
B113	1ST FLOOR	STUDIO - T2	R-2	522 SF	RESIDENTIAL - ST	200	2.6
B114	1ST FLOOR	STUDIO - T1	R-2	615 SF	RESIDENTIAL - ST	200	3.1
B115	1ST FLOOR	STUDIO - T1	R-2	615 SF	RESIDENTIAL - ST	200	3.1
B116	1ST FLOOR	STUDIO - T2	R-2	522 SF	RESIDENTIAL - ST	200	2.6
B119	2ND FLOOR	STUDIO - T2	R-2	525 SF	RESIDENTIAL - ST	200	2.6
B120	2ND FLOOR	STUDIO - T1	R-2	617 SF	RESIDENTIAL - ST	200	3.1
B121	2ND FLOOR	STUDIO - T1	R-2	617 SF	RESIDENTIAL - ST	200	3.1
B122	2ND FLOOR	STUDIO - T2	R-2	525 SF	RESIDENTIAL - ST	200	2.6
B125	3RD FLOOR	STUDIO - T2	R-2	525 SF	RESIDENTIAL - ST	200	2.6
B126	3RD FLOOR	STUDIO - T1	R-2	618 SF	RESIDENTIAL - ST	200	3.1
B127	3RD FLOOR	STUDIO - T1	R-2	618 SF	RESIDENTIAL - ST	200	3.1
B128	3RD FLOOR	STUDIO - T2	R-2	525 SF	RESIDENTIAL - ST	200	2.6
R-2: 18				11468 SF			57.3
Grand Total: 18							57.3

Owner: Renovation Wranglers
 102 E 26th St
 Bryan, TX 77803
 Katerencason@me.com | 979.450.9969

ARCHITECTURE
Architect of Record: LKB Architecture
 2929 Allen Pkwy Suite 200
 Houston, TX 77019
 isa@lkbarchitecture.com | 713.425.3076

STRUCTURAL: Dudley
 6102 Imperial Loop Drive
 College Station, TX 77845
 (979) 777-0720

MEP: AMC Engineers
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 Burnet, TX 78611
 info@amcengineers.com

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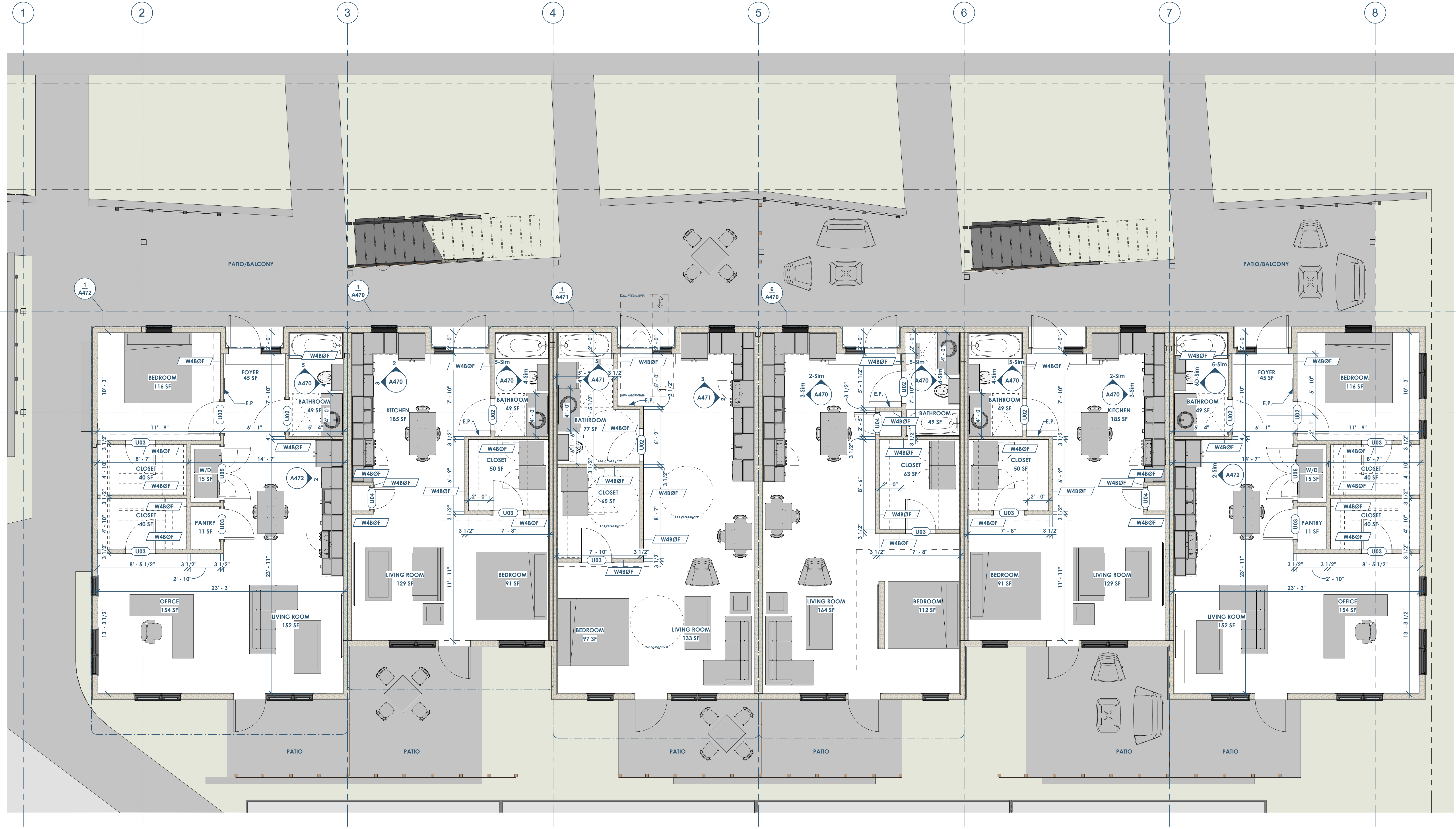
Date	Description
04.16.2022	Progress Set

RENOVATION
Wranglers
ENGINEERS
Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
Katherine@wrangler.com | 979.450.9969

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FLOOR PLAN - 1ST FLOOR
1/4" = 1'-0"

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Date	Description
04.16.2022	Progress Set

OWNER: Renovation Wranglers
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ARCHITECTURE
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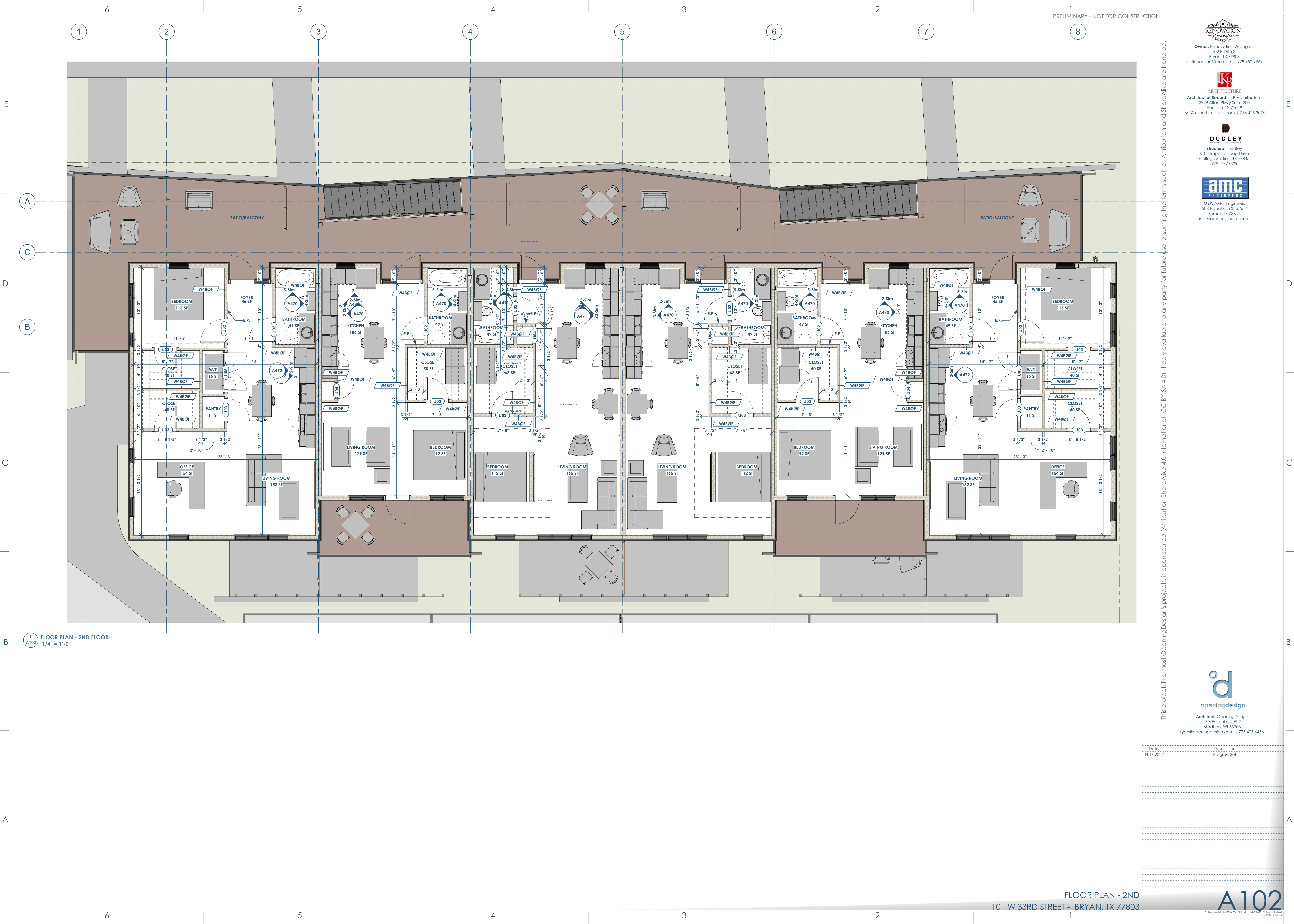
STRUCTURAL
Structural: Dudley
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MEP
MEP: AMC Engineers
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Date	Description
04.16.2022	Progress Set



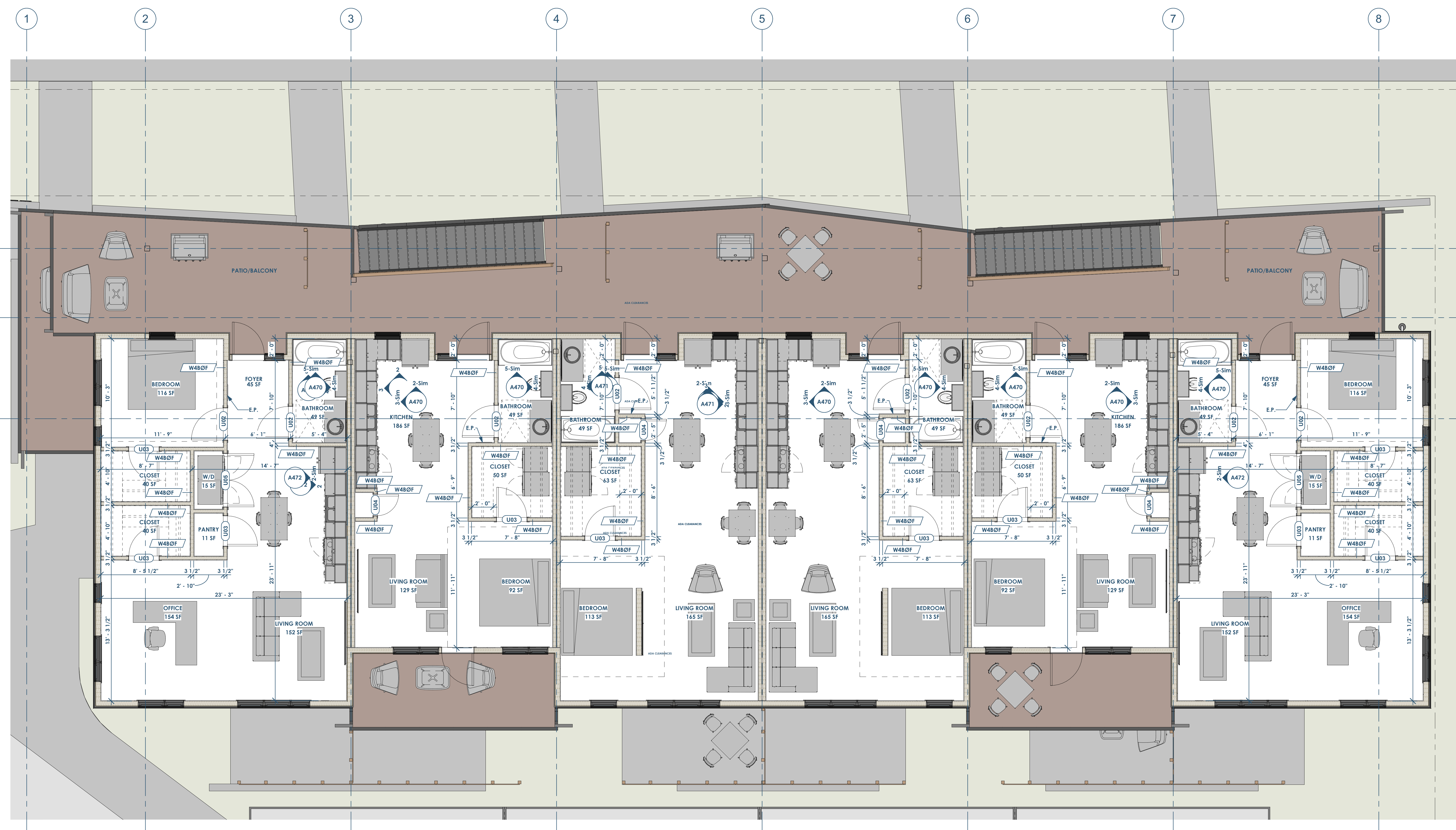
1 FLOOR PLAN - 2ND FLOOR
1/4" = 1'-0"

RENOVATION
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ENGINEERS
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1 FLOOR PLAN - 3RD FLOOR
1/4" = 1'-0"

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Date	Description
04.16.2022	Progress Set

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AKB
ARCHITECTURE

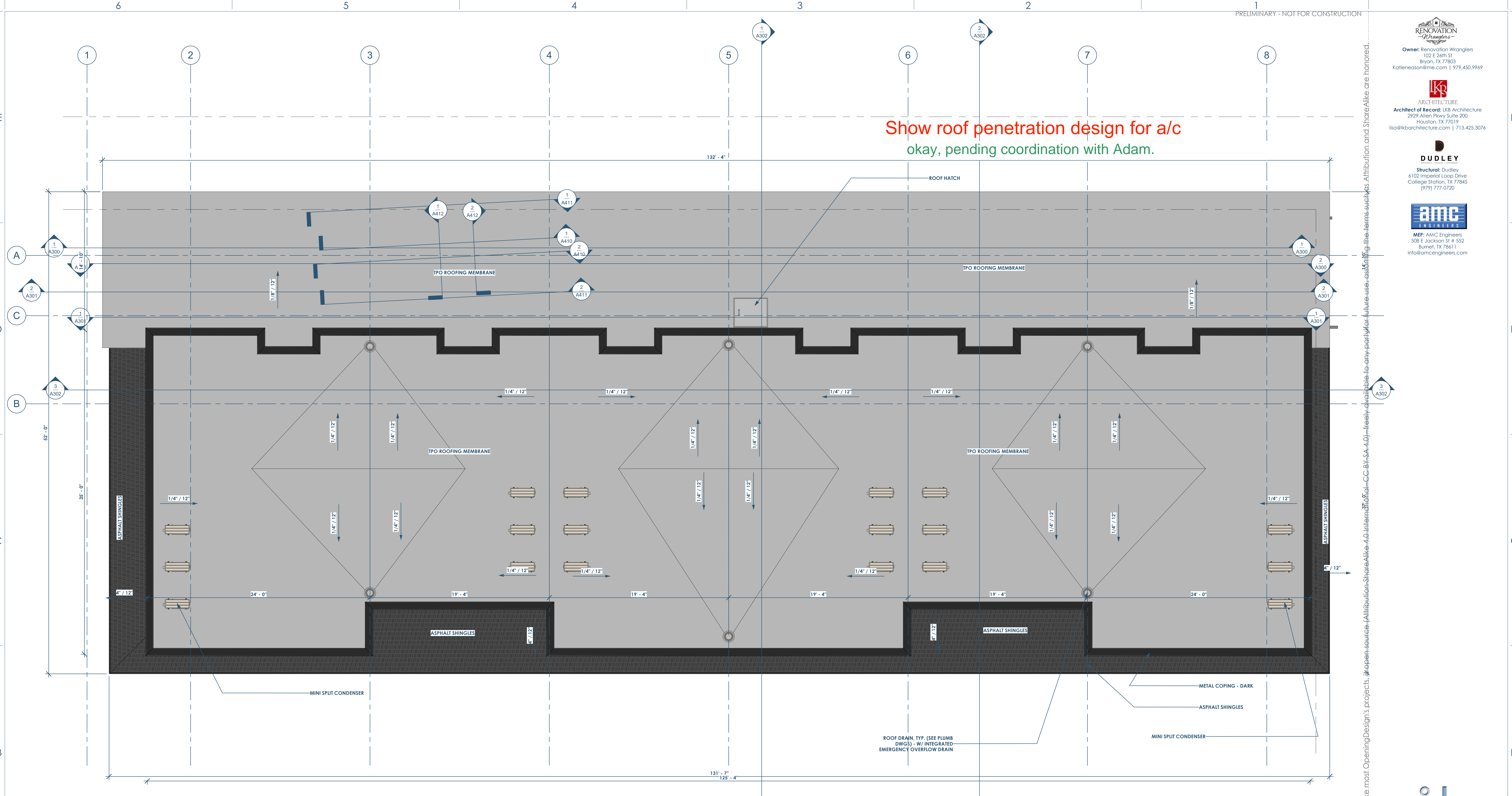
Architect of Record: AKB Architecture
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DUDLEY
Structural: Dudley
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amc
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Show roof penetration design for a/c
okay, pending coordination with Adam.



1 A104 FLOOR PLAN - ROOF
1/4" = 1'-0"

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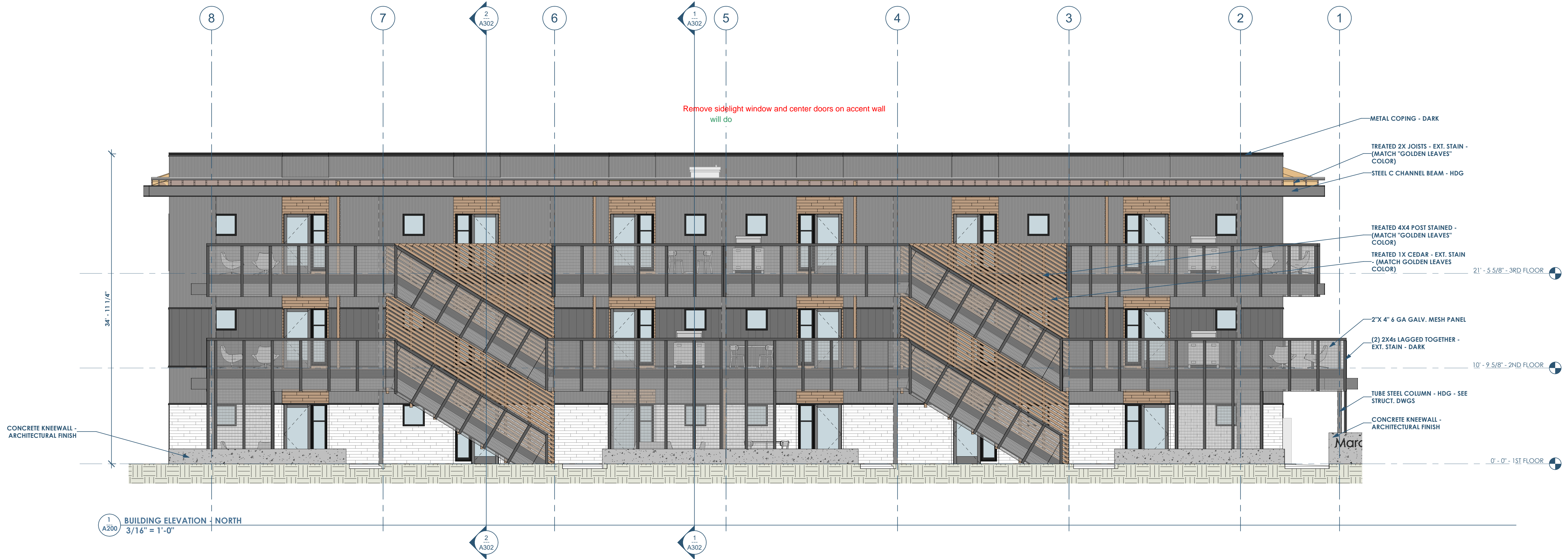
Architect: OpeningDesign
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Date	Description
04.16.2022	Progress Set

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Treated will take a couple of months to dry out and be paintable. We need to paint the sandwich 2x4's before they get installed. I think we should eliminate the treated wood and paint the 4x4 railing post, top rail and 2x4 sandwich boards.

with this logic, are the 2x floor joists also going to be untreated?
Some other options:
- Kiln dry (added cost)
- order materials now, to allow to dry?

4x4 seems off for the top rail - we have this proposed at a 4x6. See A500. This is proposed design, we can change it. Please advise.

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Date:	Description:
04.16.2022	Progress Set

BUILDING ELEVATION - NORTH/WEST

MARCO POLO - 101 W 33RD STREET - CITY OF BRYAN TOWNSITE, BLOCK 96, LOT 3-5 & PT OF 6 & PT OF ALLEY - BRYAN, TX 77803

A200

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ARCHITECTURE
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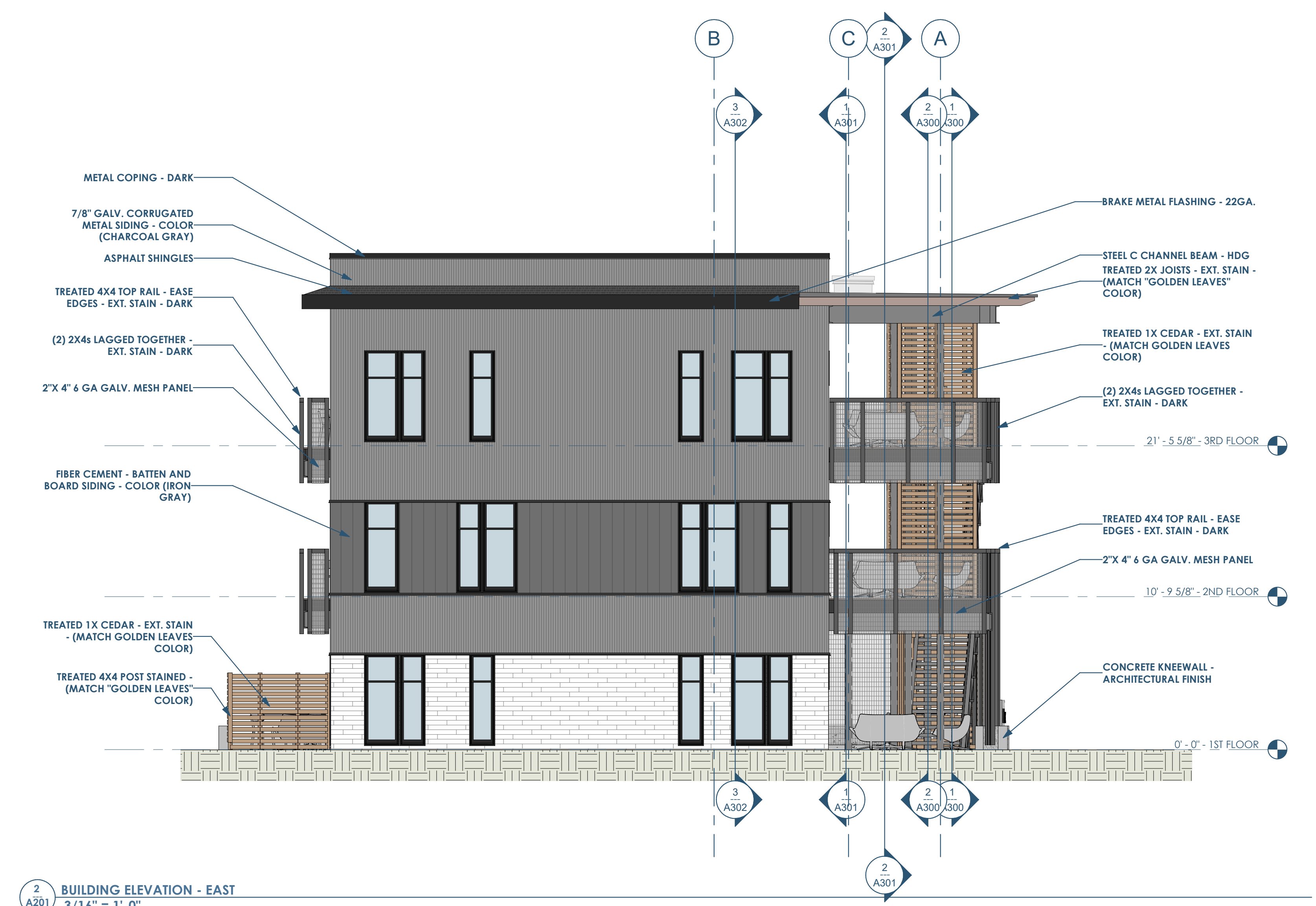
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1 BUILDING ELEVATION - SOUTH
3/16" = 1'-0"



2 BUILDING ELEVATION - EAST
3/16" = 1'-0"



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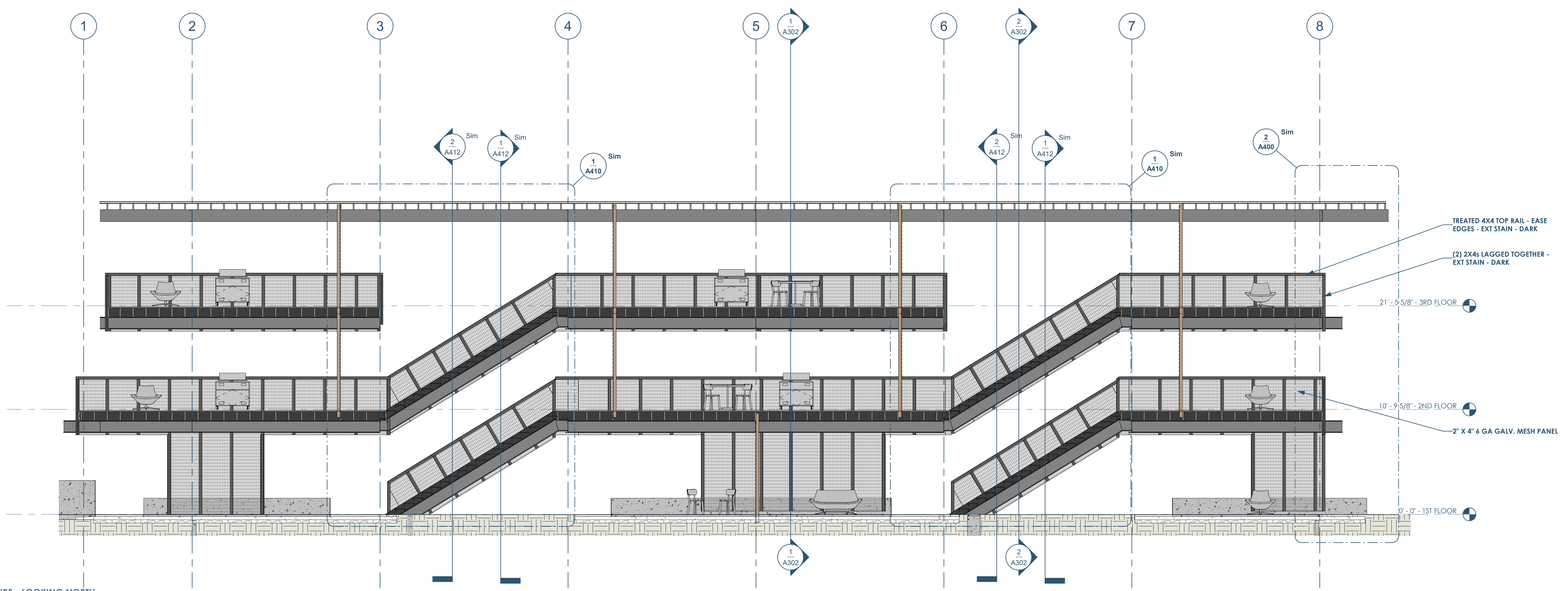
Date	Description
04.16.2022	Progress Set

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 Owner: Renovation Wranglers
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1 A300 BUILDING SECTION - THROUGH STAIRS - LOOKING NORTH
3/16" = 1'-0"

Remove Sidelight Windows next
for full lite doors and center
on accent wall.
will do.



2 A300 BUILDING SECTION - THROUGH STAIRS - LOOKING SOUTH
3/16" = 1'-0"

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openingdesign
 Architect: OpeningDesign
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Date	Description
04.16.2022	Progress Set

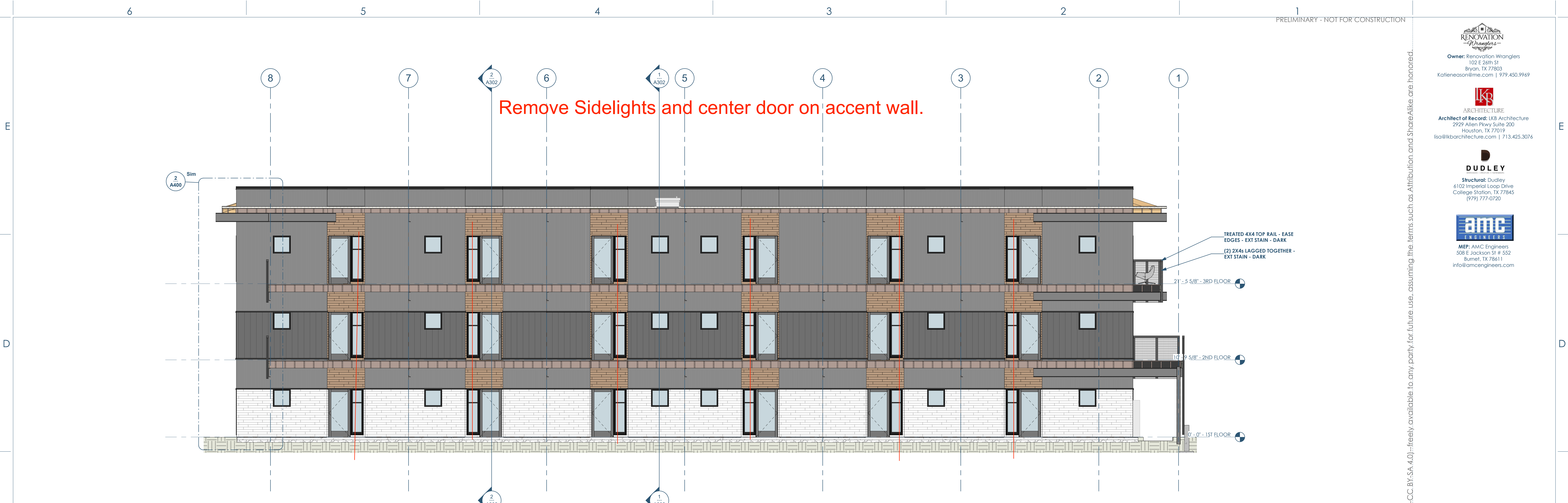
RENOVATION Wranglers
 Owner: Renovation Wranglers
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 Architect of Record: LKB Architecture
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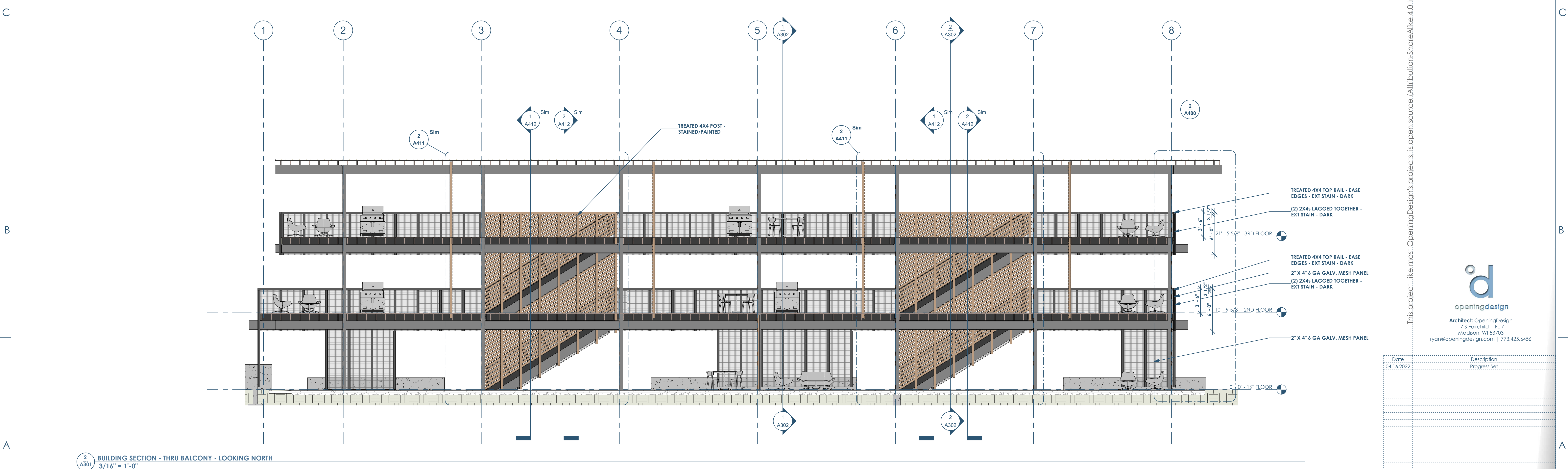
DUDLEY
 Structural: Dudley
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1 A301 BUILDING SECTION - THRU BALCONY - LOOKING SOUTH
3/16" = 1'-0"



2 A301 BUILDING SECTION - THRU BALCONY - LOOKING NORTH
3/16" = 1'-0"

Date	Description
04.16.2022	Progress Set

openingdesign
 Architect: OpeningDesign
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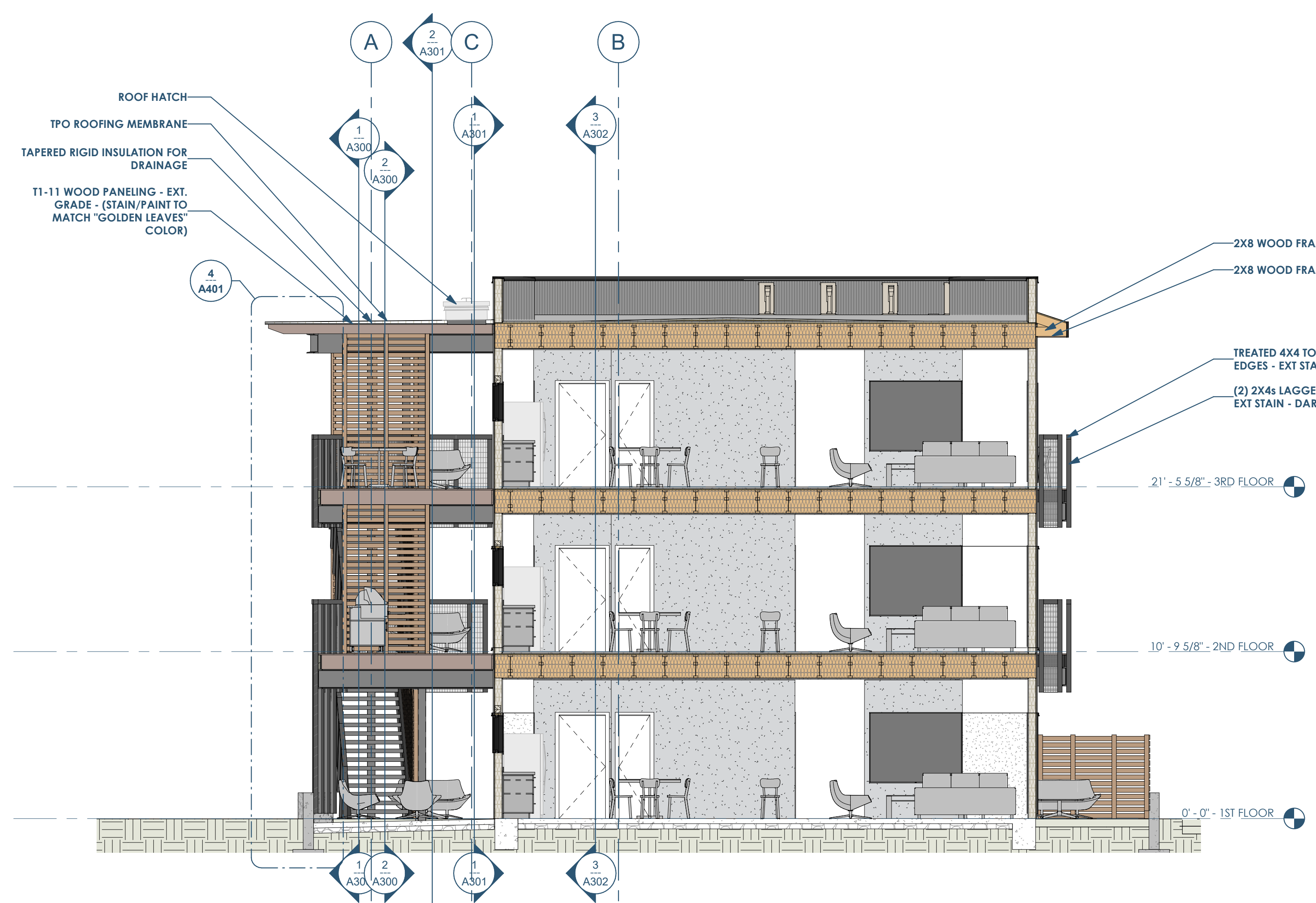
RENOVATION
Wranglers
Engineers

Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
Kateneason@wrangler.com | 979.450.9969

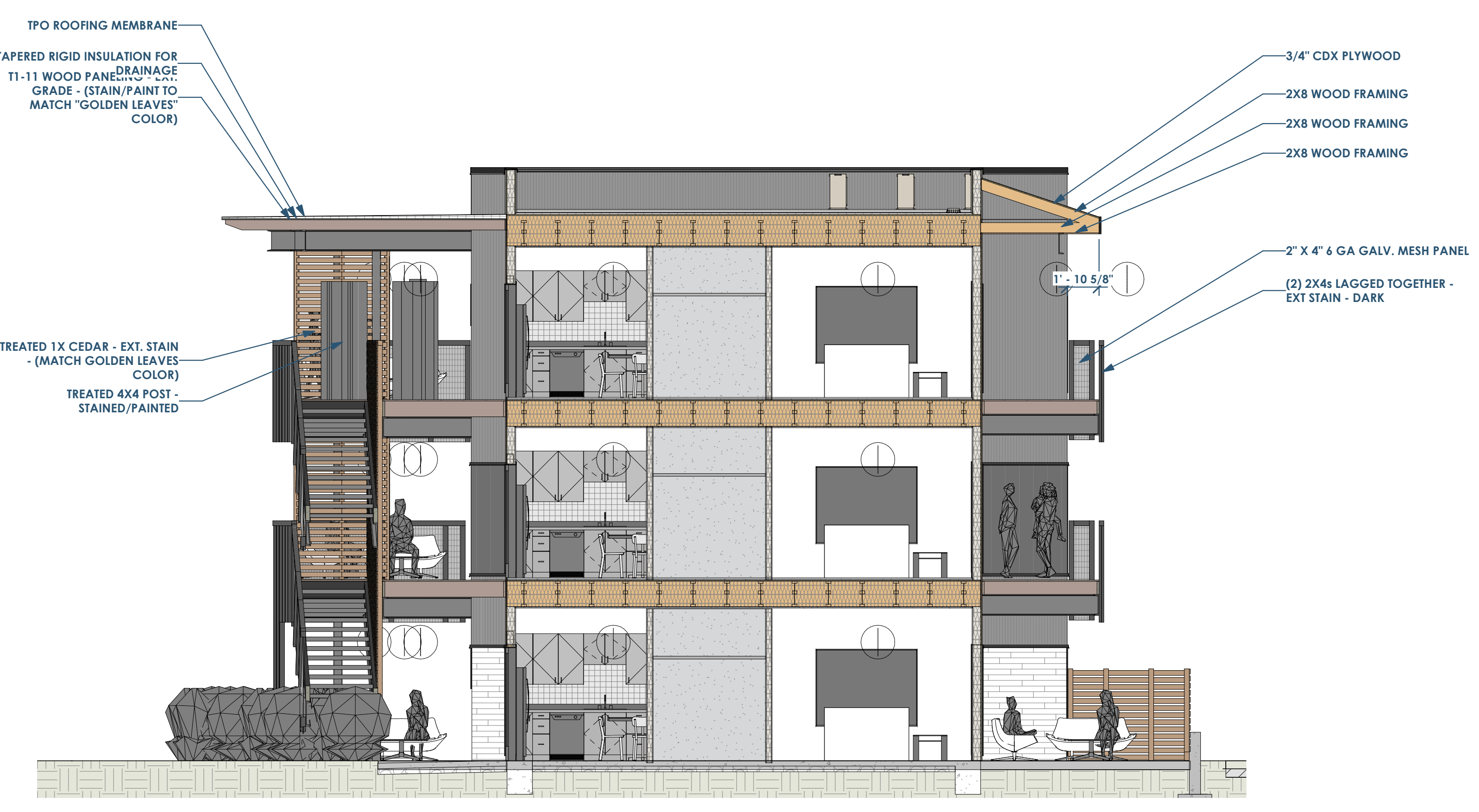
ARCHITECTURE
Architect of Record: LKB Architecture
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isa@lkbarchitecture.com | 713.425.3076

DUDDLEY
Structural: Dudley
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(979) 777-0720

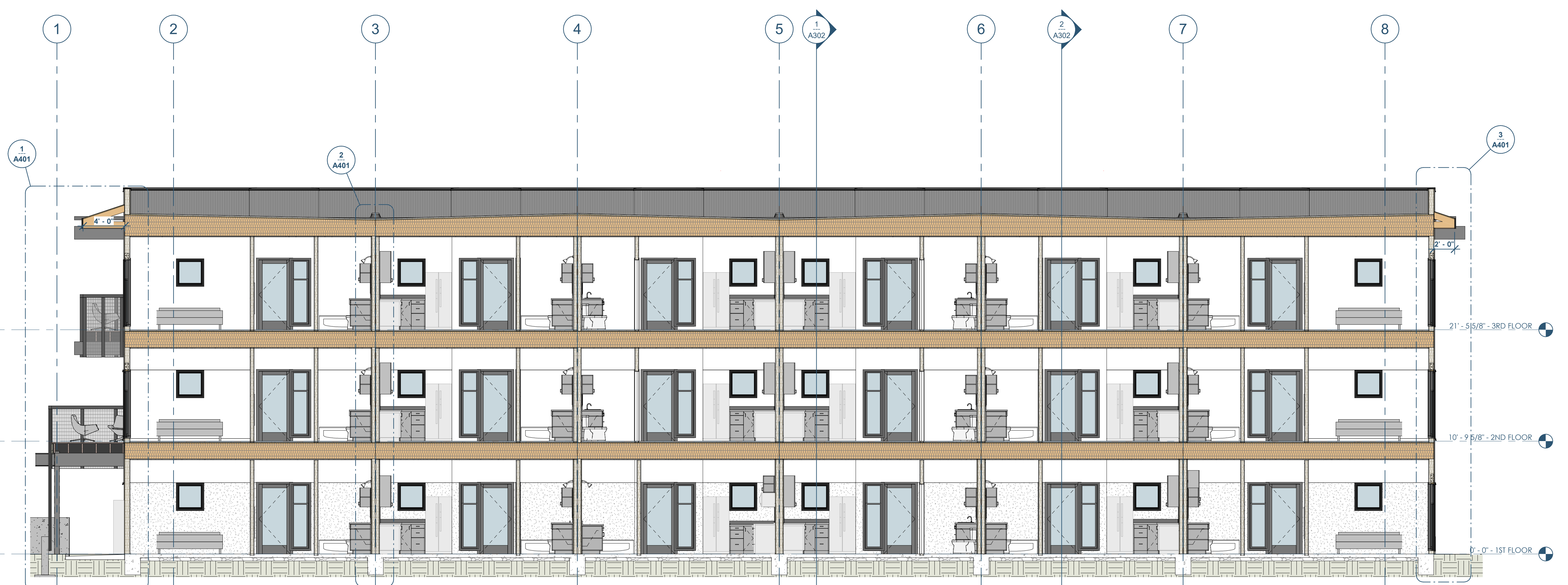
amc
ENGINEERS
MEP: AMC Engineers
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Burnet, TX 78611
info@amcengineers.com



1 BUILDING SECTION - THRU LARGE STUDIO - LOOKING EAST
3/16" = 1'-0"



2 BUILDING SECTION - THRU SMALL STUDIO - LOOKING EAST
3/16" = 1'-0"



3 BUILDING SECTION - EAST/WEST - LOOKING SOUTH
3/16" = 1'-0"

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openingdesign

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Date	Description
04.16.2022	Progress Set

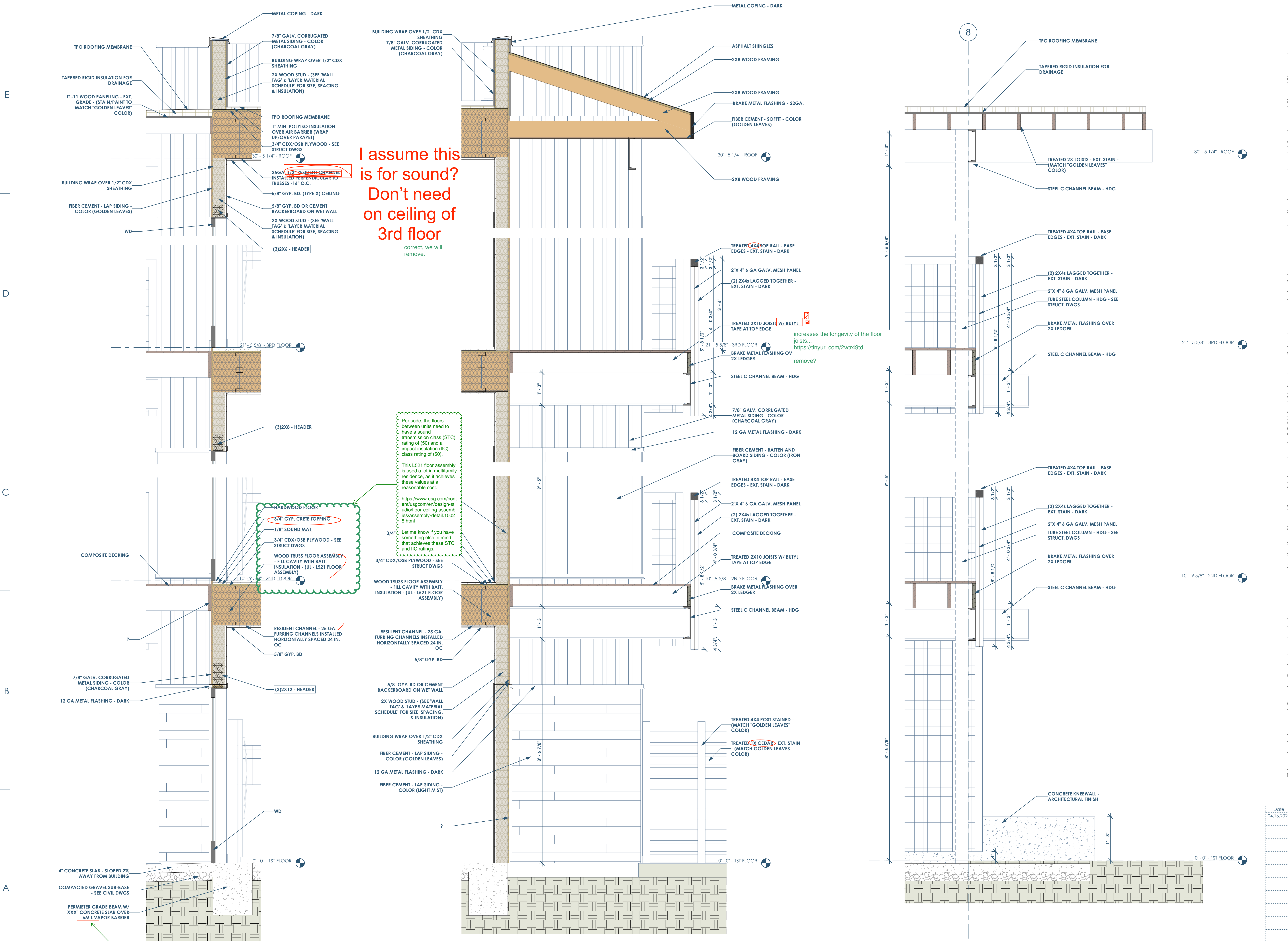
RENOVATION
Wranglers

Owner: Renovation Wranglers
102 E 26th St
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kate@renovations.com | 979.450.9969

ARCHITECTURE
Architect of Record: LKB Architecture
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I assume this is for sound? Don't need on ceiling of 3rd floor

correct, we will remove.

Per code, the floors between units need to have a sound transmission class (STC) rating of (50) and a impact insulation (IIC) class rating of (50).

This L521 floor assembly is used a lot in multifamily residence, as it achieves these values at a reasonable cost.

<https://www.usg.com/content/usgcom/en/design-studio/floor-ceiling-assembly-usg-assembly-detail-1002-5.html>

HARDWOOD FLOOR

- 3/4" GYP. CRETE TOPPING
- 1/8" SOUND MAT
- 3/4" CDX/OSB PLYWOOD - SEE STRUCT DWGS
- WOOD TRUSS FLOOR ASSEMBLY - FILL CAVITY WITH BATT INSULATION - (UL - L521 FLOOR ASSEMBLY)

Yes, 6mil in code minimum.

1 WALL SECTION - SOUTH BALCONY
3/4" = 1'-0"

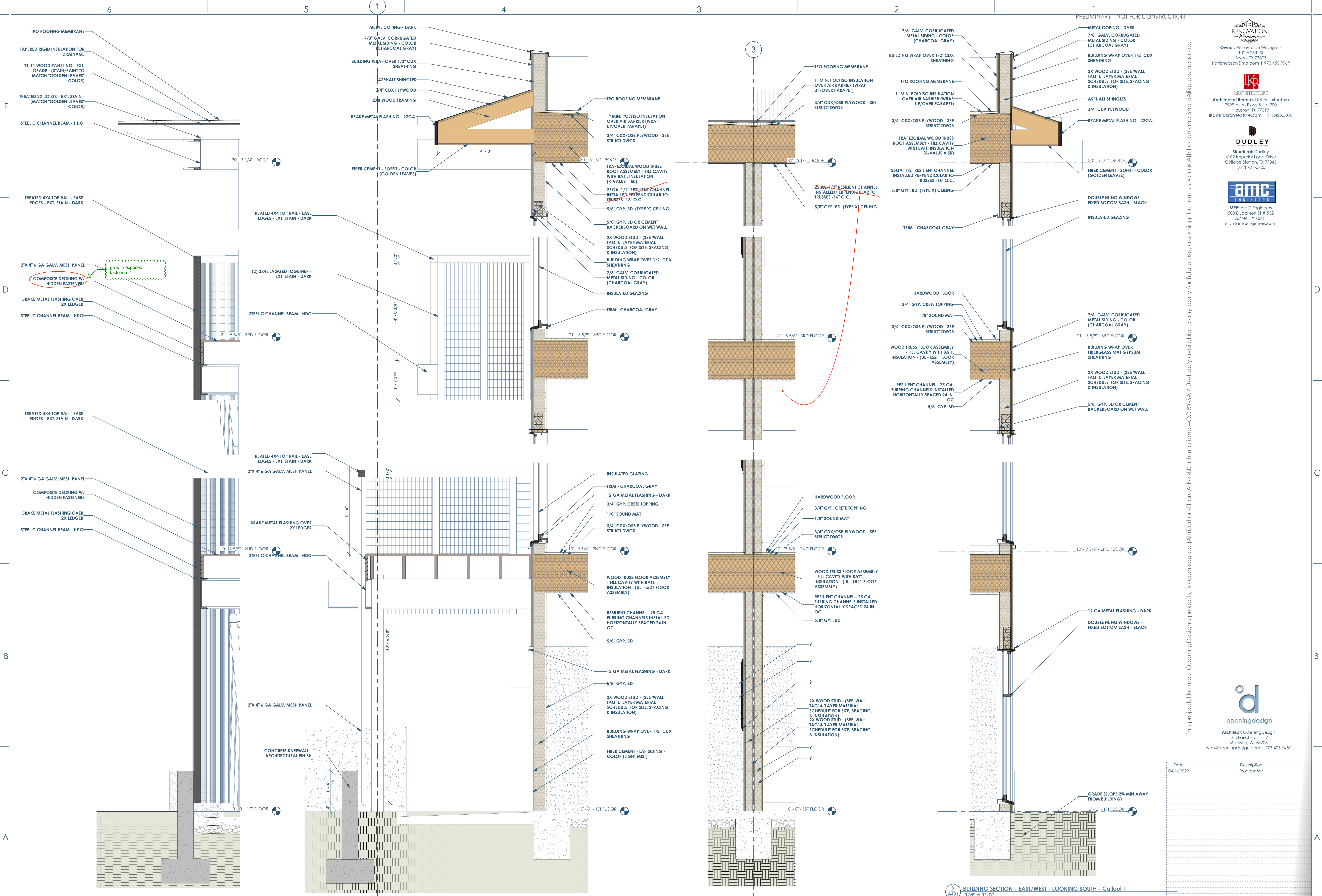
2 WALL SECTION - THRU BALCONY - JLB
3/4" = 1'-0"

WALL SECTIONS

A400

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Date	Description
04.16.2022	Progress Set



4 BUILDING SECTION - THRU LARGE STUDIO - LOOKING EAST - Callout 1
3/4" = 1'-0"

1 WALL SECTION - EAST/WEST - Lisa
3/4" = 1'-0"

2 WALL SECTION - EAST/WEST2 - Lisa
3/4" = 1'-0"

3 BUILDING SECTION - EAST/WEST - LOOKING SOUTH - Callout 1
3/4" = 1'-0"

Date	Description
04.16.2022	Progress Set

Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
Katherine@wranglers.com | 979.450.9969

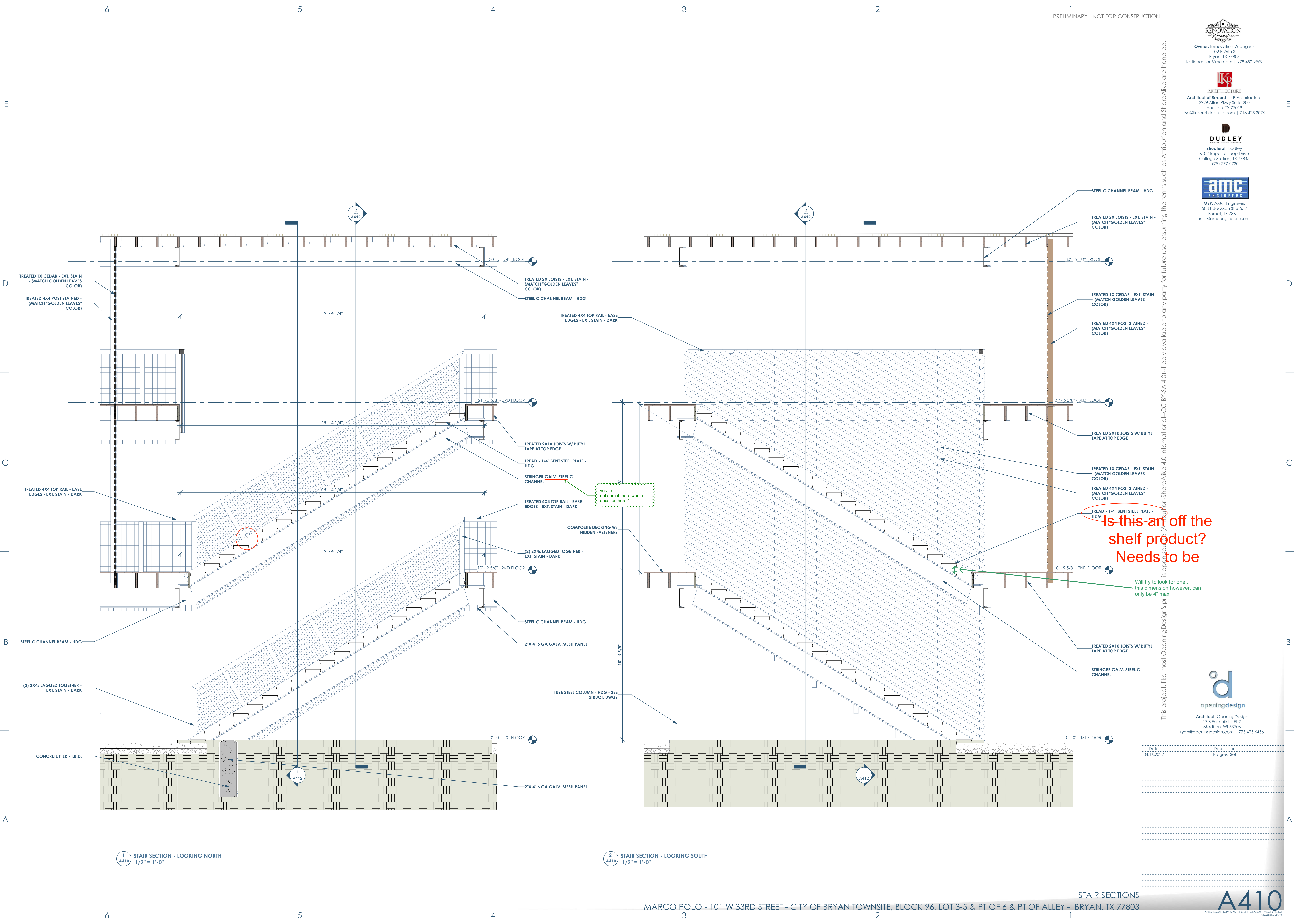
ARCHITECTURE
Architect of Record: LKB Architecture
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STRUCTURAL
Structural: Dudley
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PRELIMINARY - NOT FOR CONSTRUCTION

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yes -
not sure if there was a
question here?

Is this an off the
shelf product?
Needs to be

Will try to look for one...
this dimension however, can
only be 4" max.

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Date	Description
04.16.2022	Progress Set

1 A410 STAIR SECTION - LOOKING NORTH
1/2" = 1'-0"

2 A410 STAIR SECTION - LOOKING SOUTH
1/2" = 1'-0"

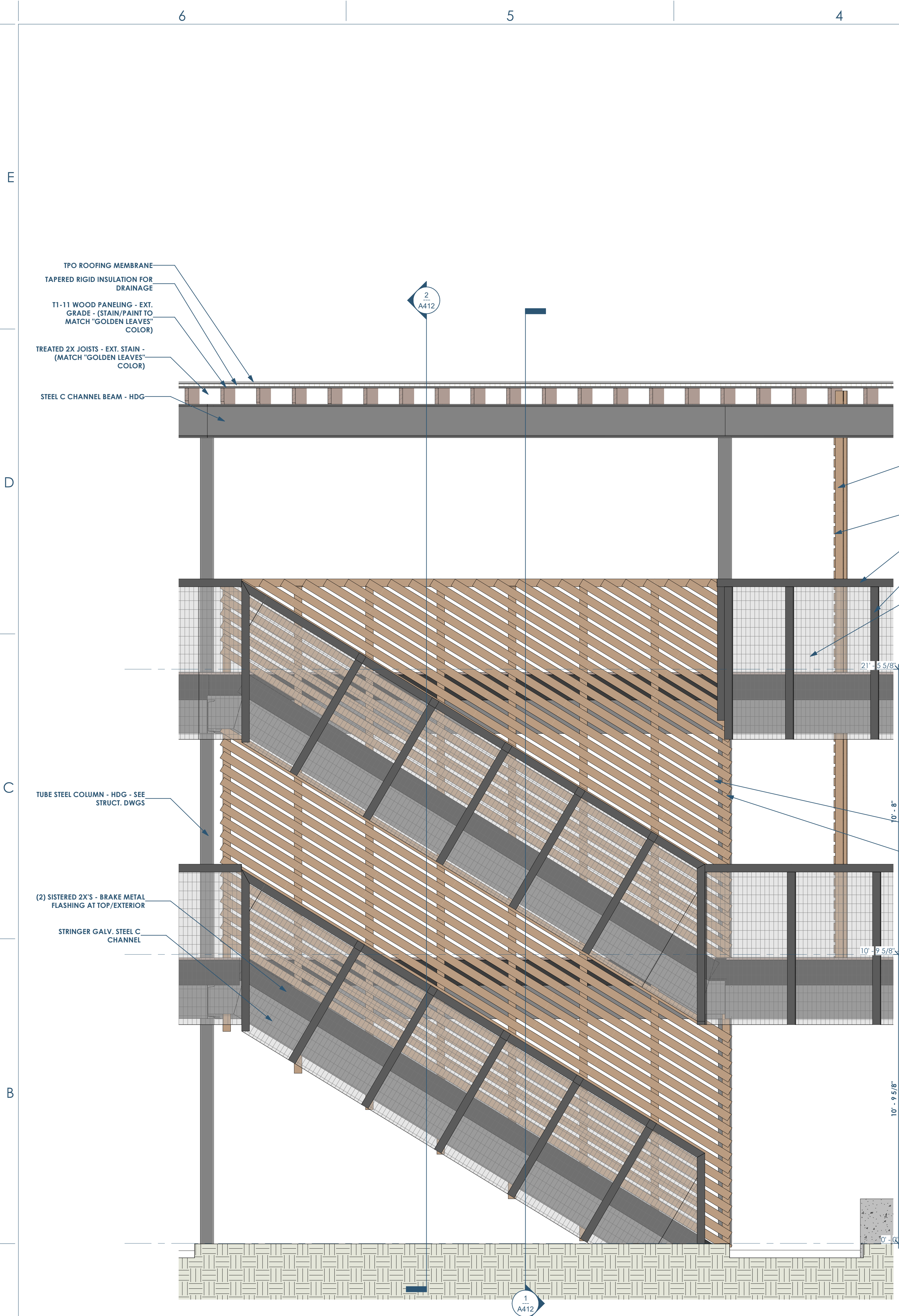
RENOVATION
Wranglers

Owner: Renovation Wranglers
102 E 26th St
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kate@renovations.com | 979.450.9969

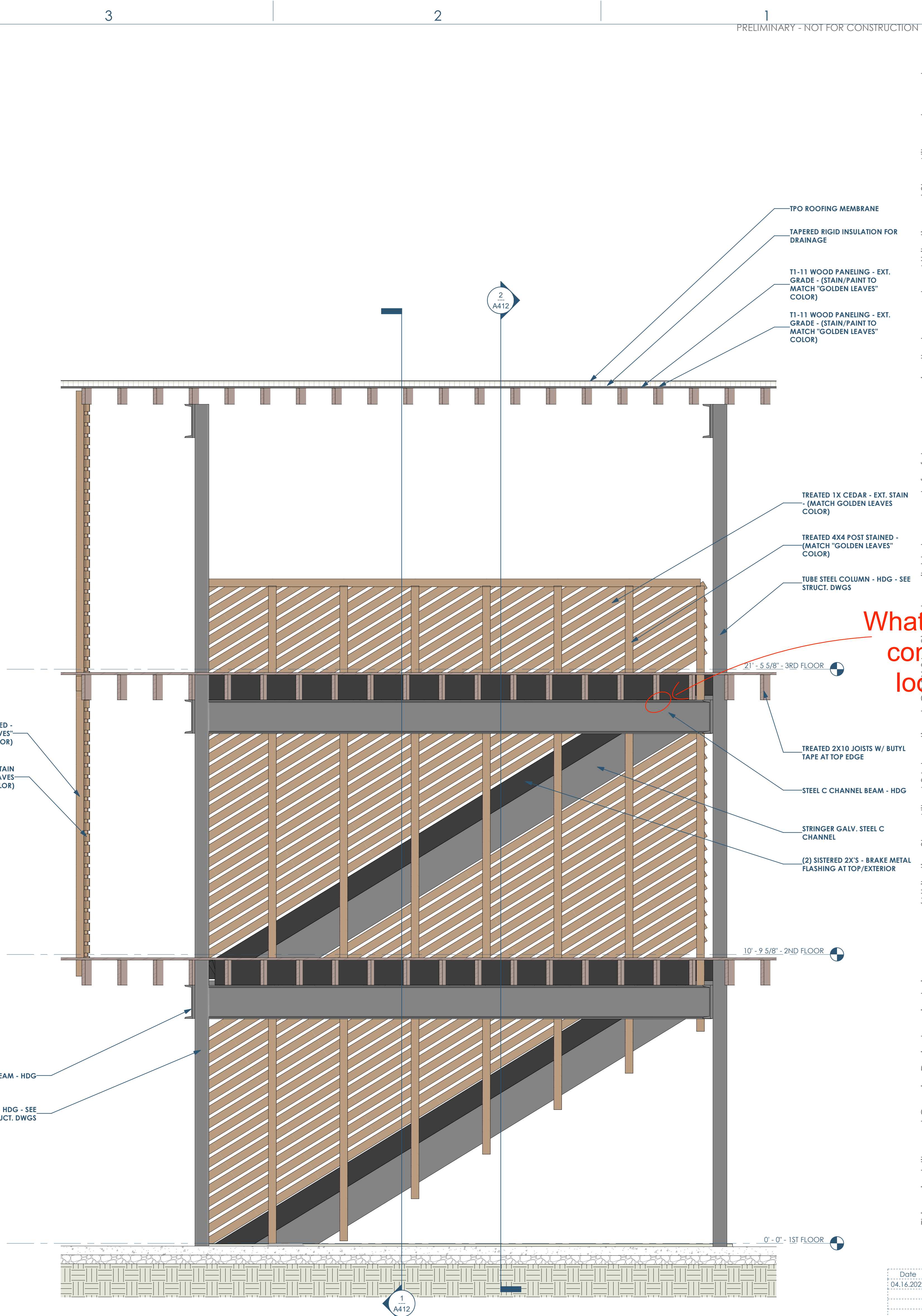
LKB
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Section 64
1/2" = 1'-0"



Section 68
1/2" = 1'-0"

What does this connection look like?

will similar to the railing detail on sheet A500

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Date	Description
04.16.2022	Progress Set

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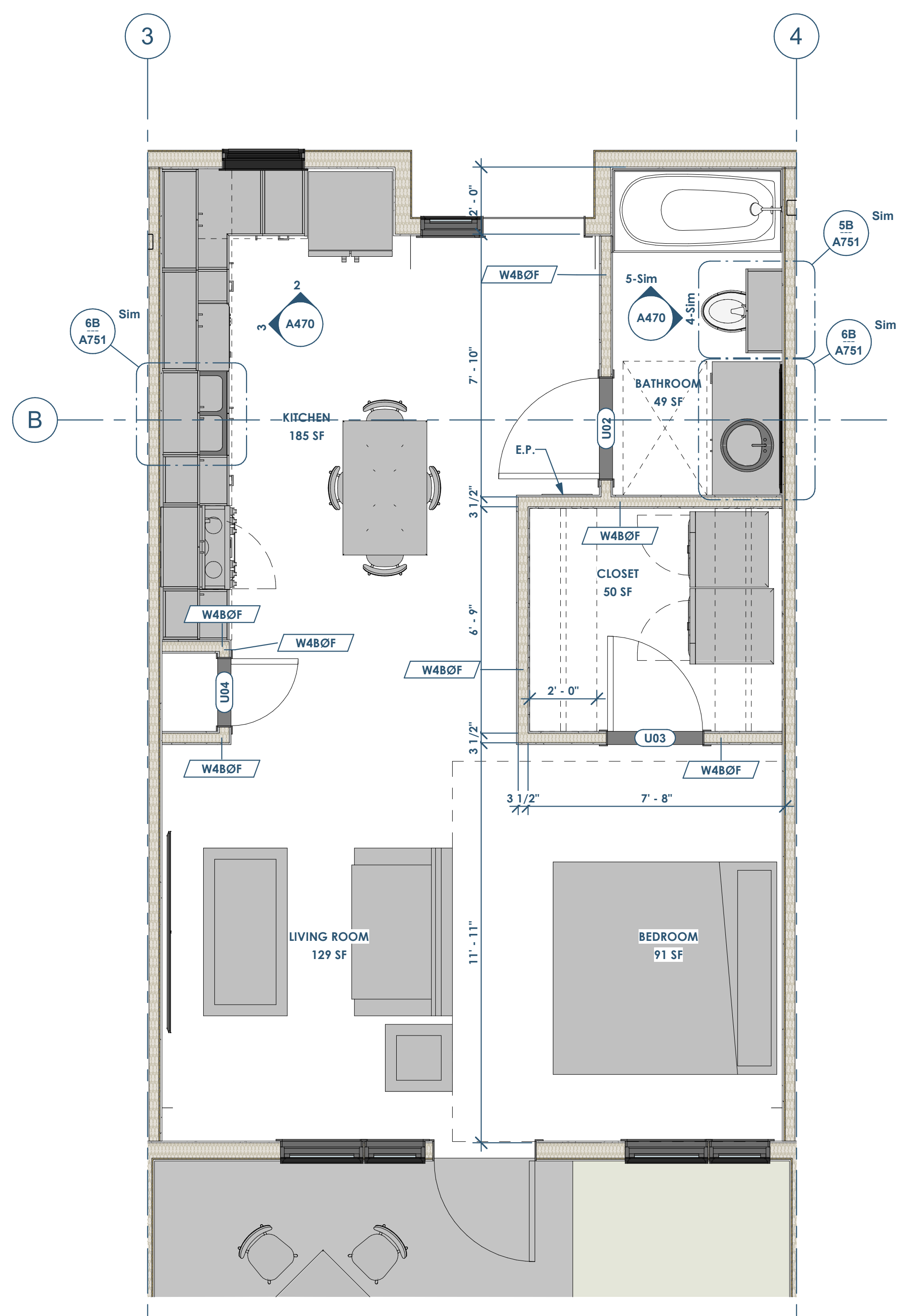
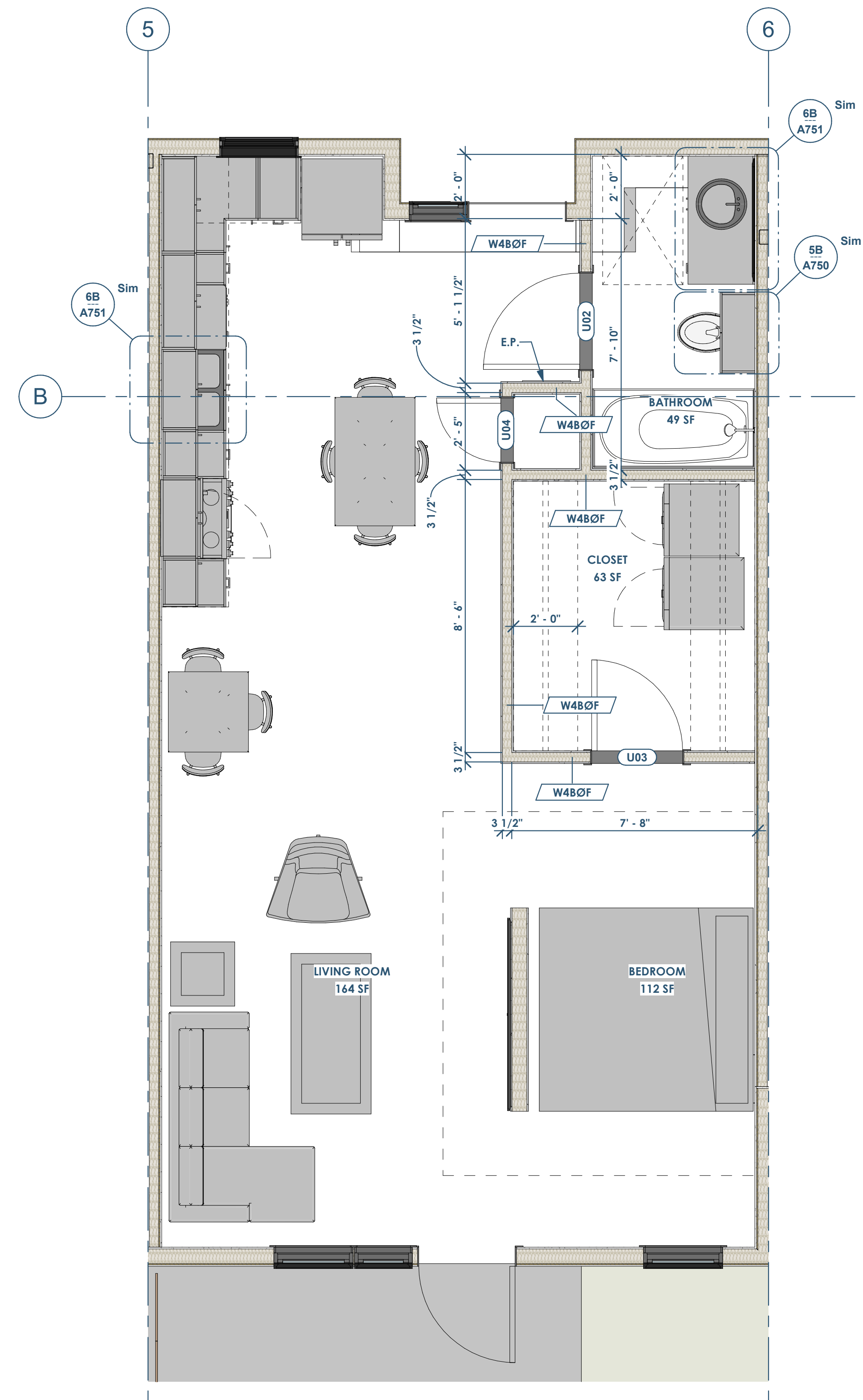
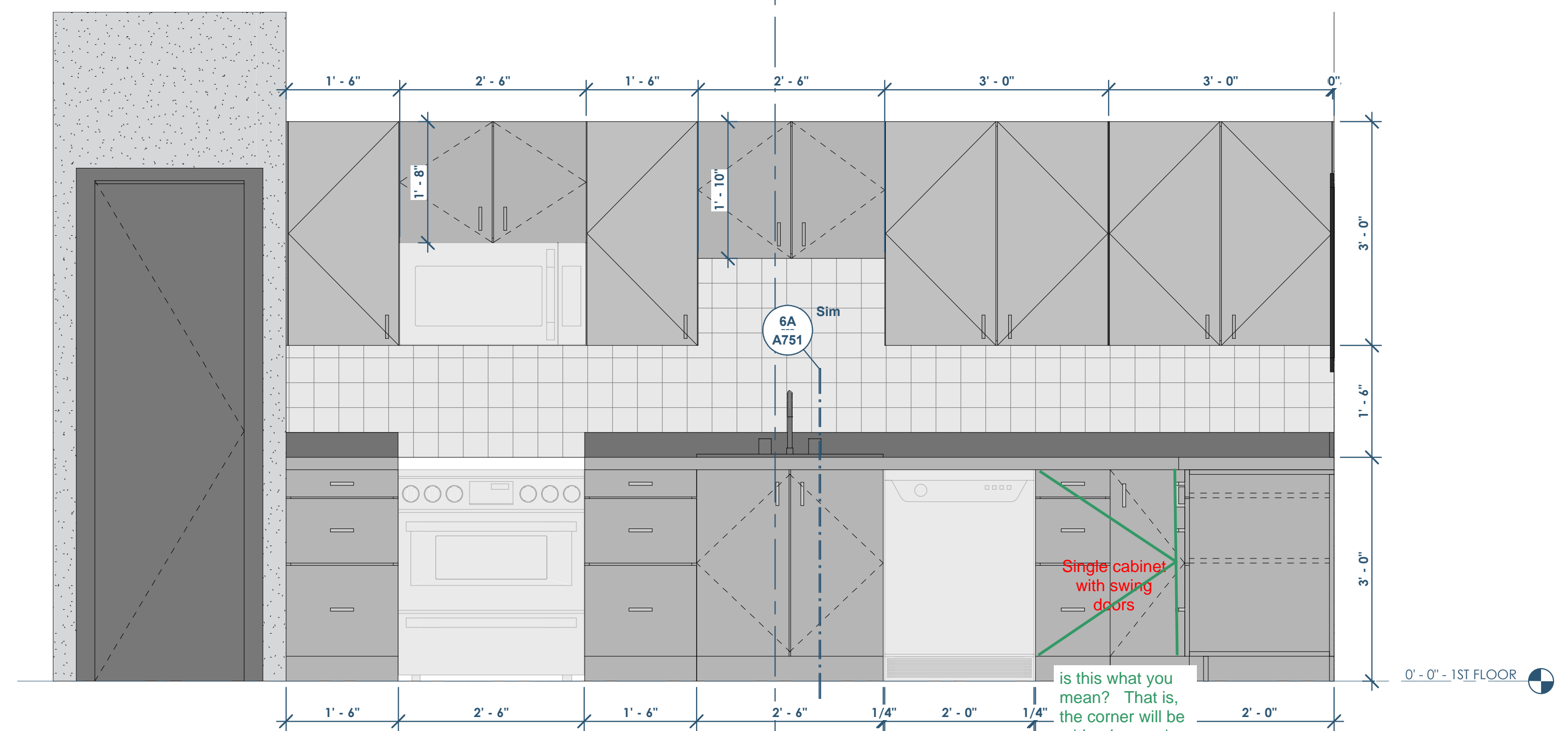
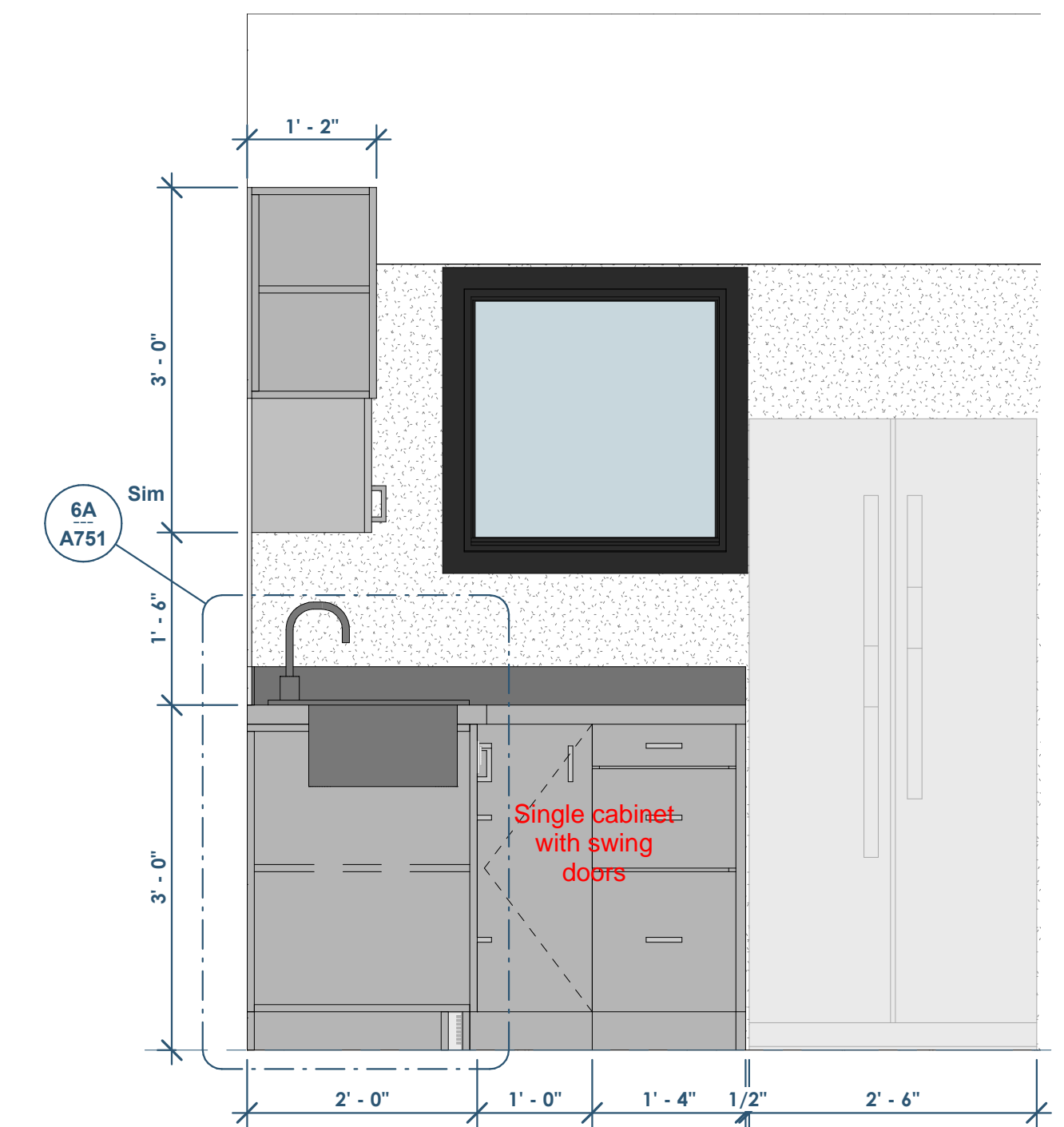
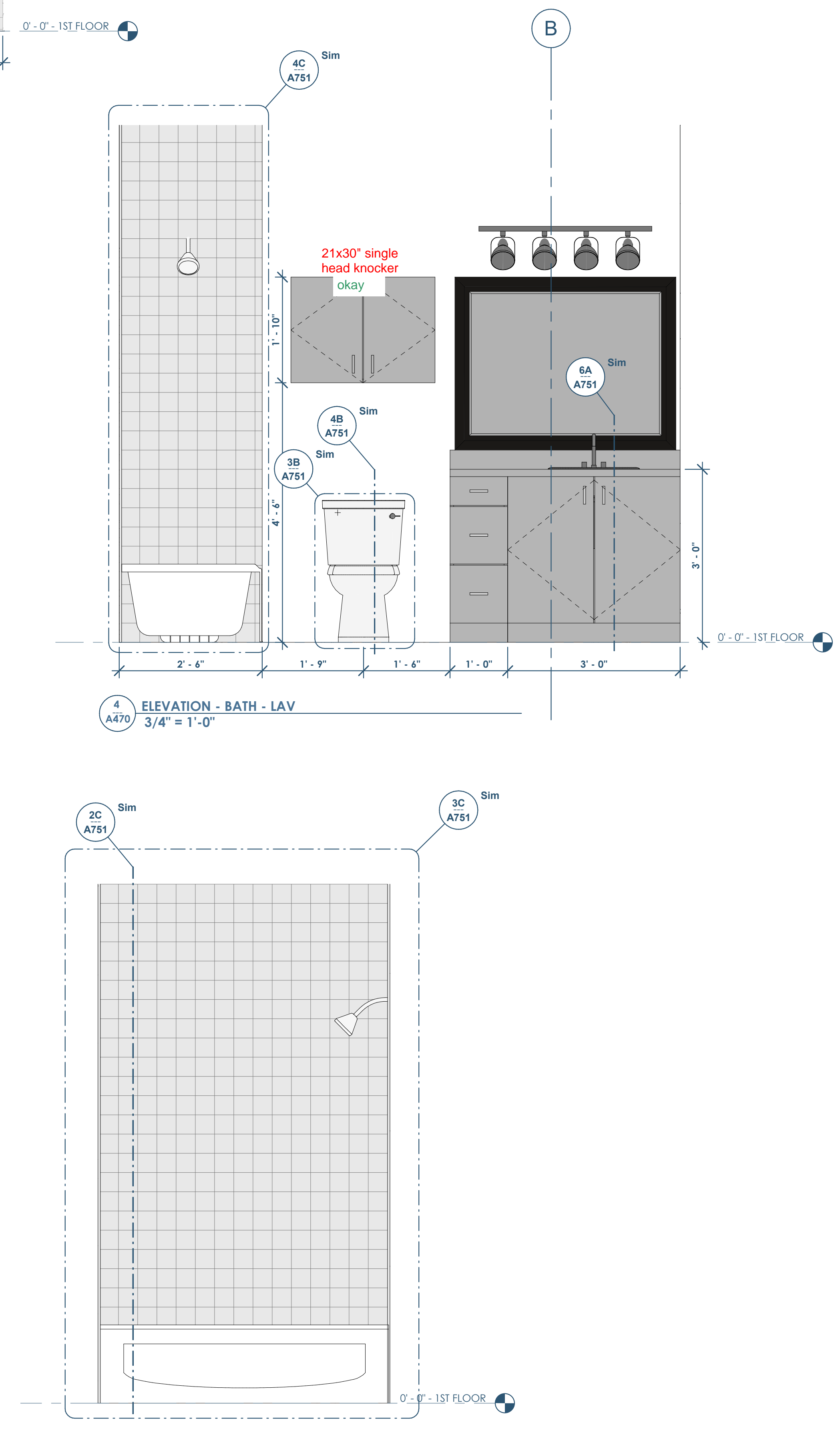
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Date	Description
04.16.2022	Progress Set



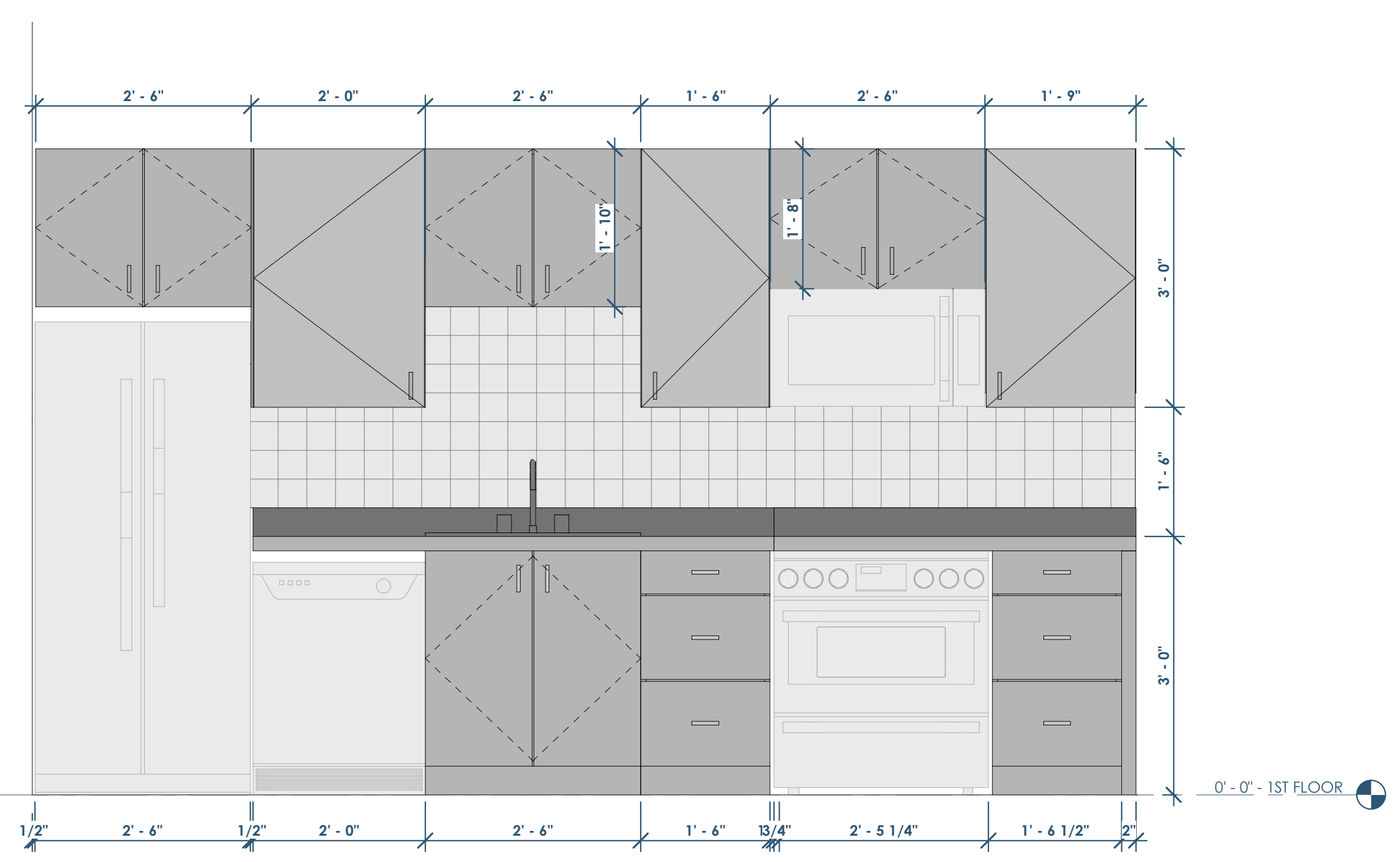
RENOVATION Wranglers
 Owner: Renovation Wranglers
 102 E 26th St
 Bryan, TX 77803
 Kateracasonline.com | 979.450.9969

LKB ARCHITECTURE
 Architect of Record: LKB Architecture
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 isa@lkbarchitecture.com | 713.425.3076

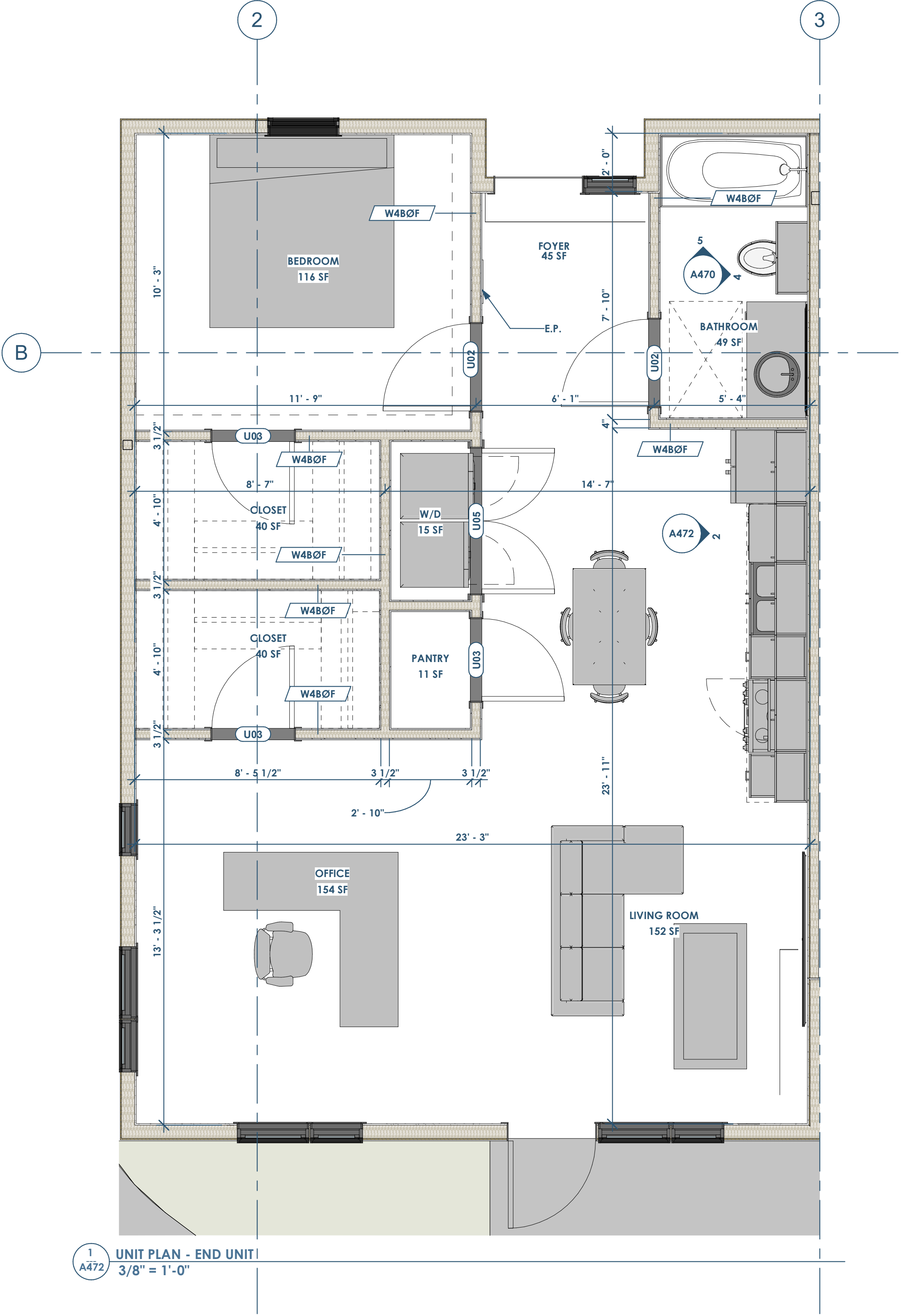
DUDLEY
 Structural: Dudley
 6102 Imperial Loop Drive
 College Station, TX 77845
 (979) 777-0720

amc ENGINEERS
 MEP: AMC Engineers
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2 ELEVATION - END UNIT - KITCHEN
3/4" = 1'-0"

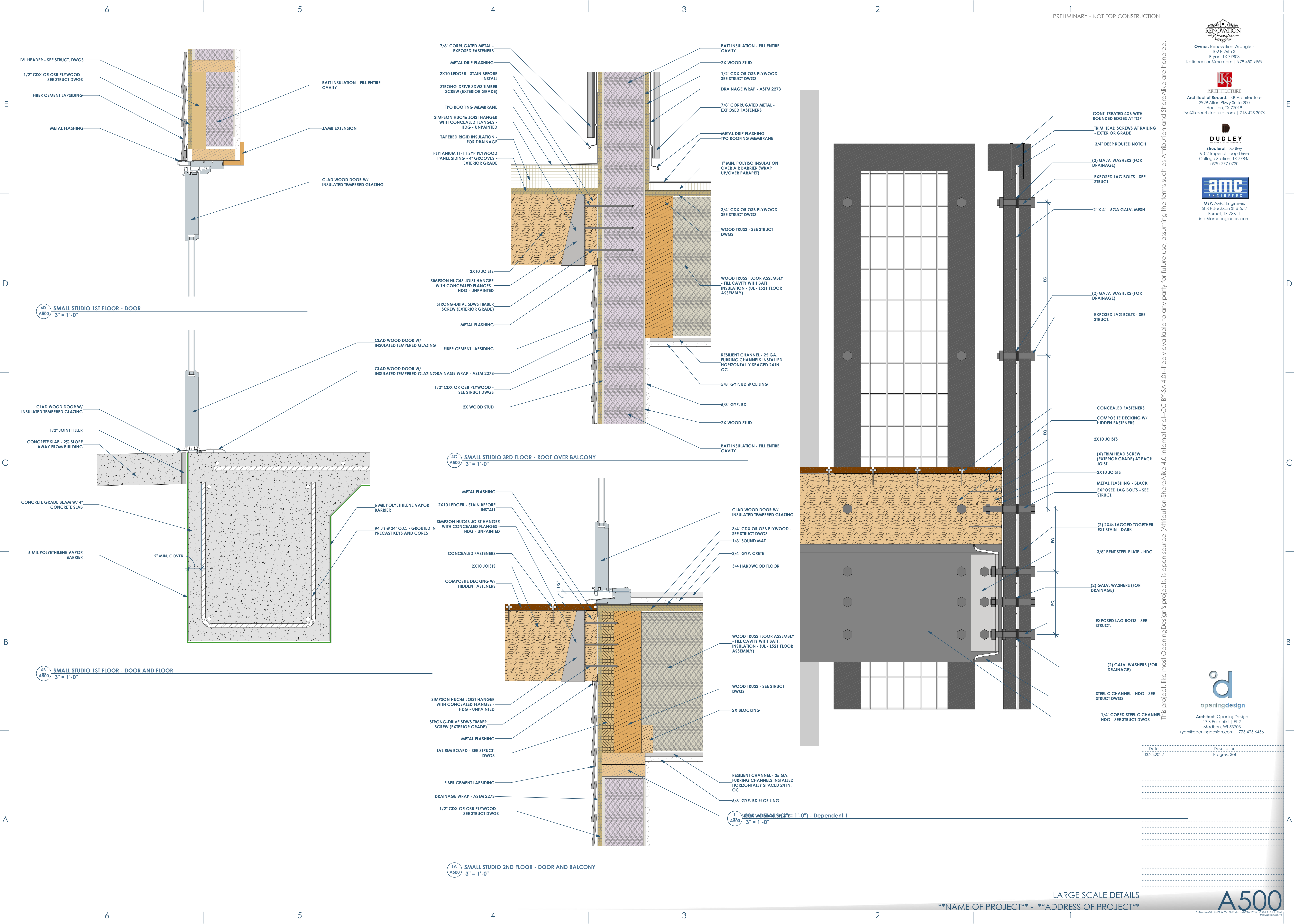


1 UNIT PLAN - END UNIT
3/8" = 1'-0"

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Date	Description
03.25.2022	Progress Set

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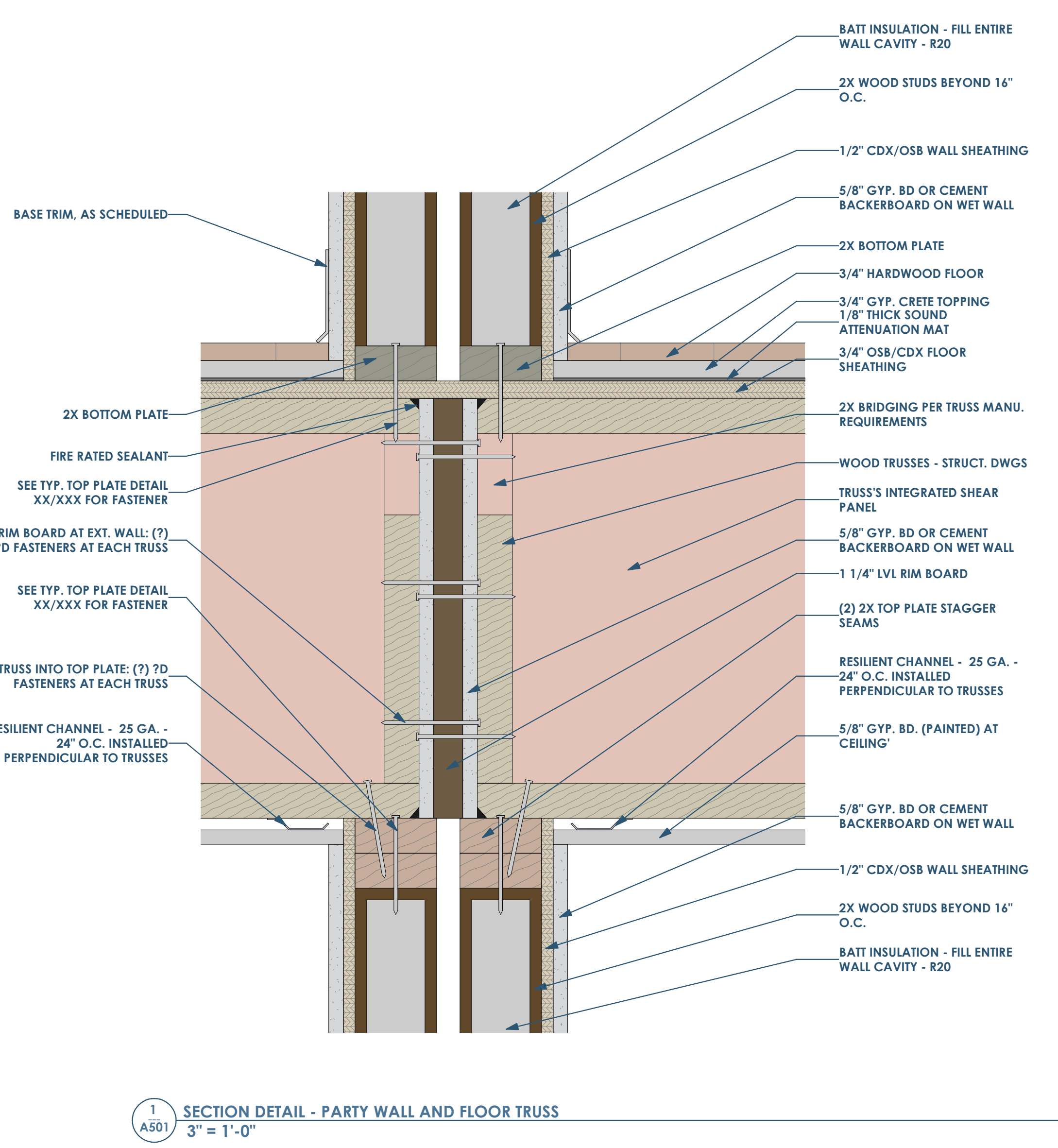
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 Structural: Dudley
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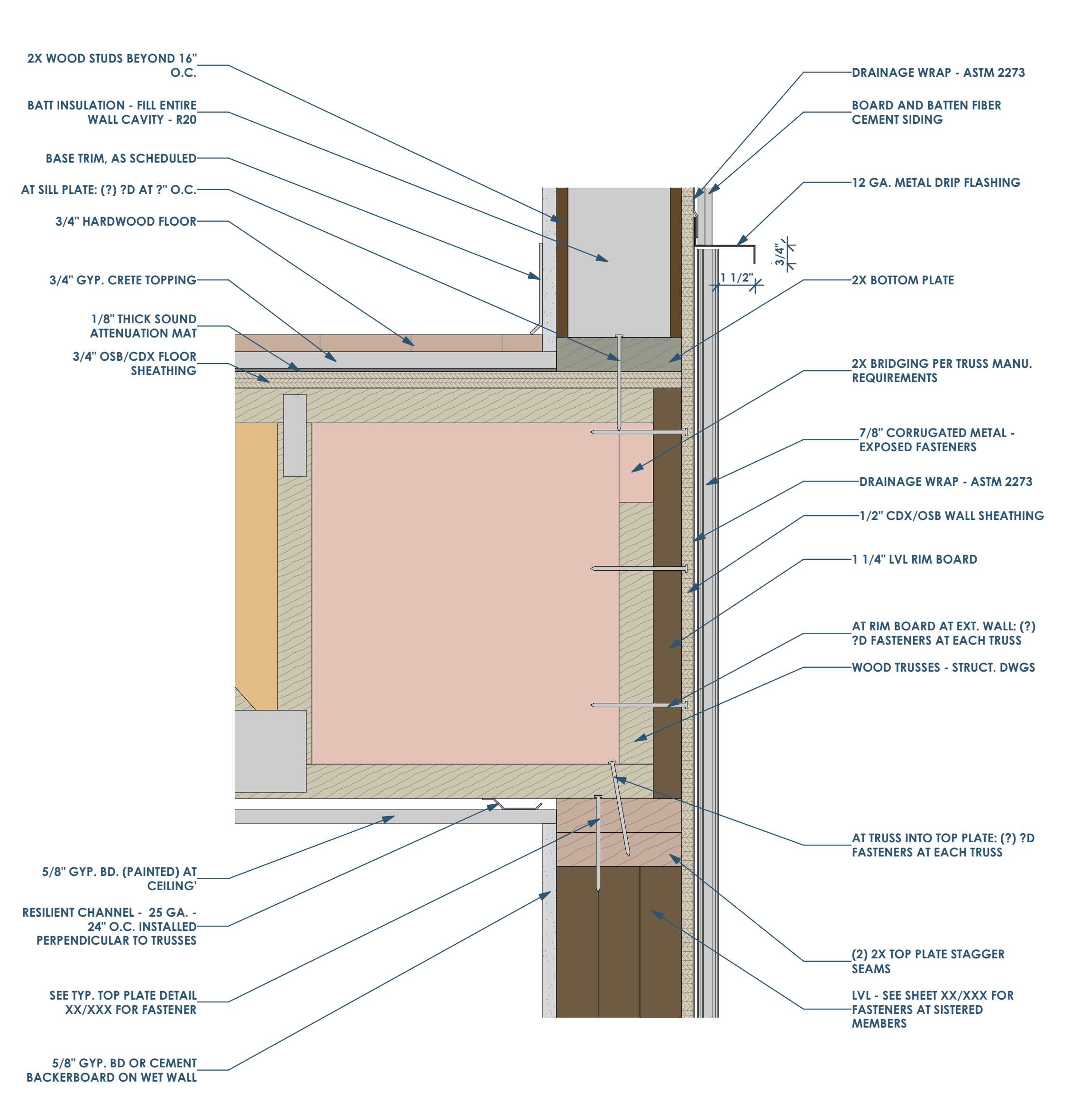
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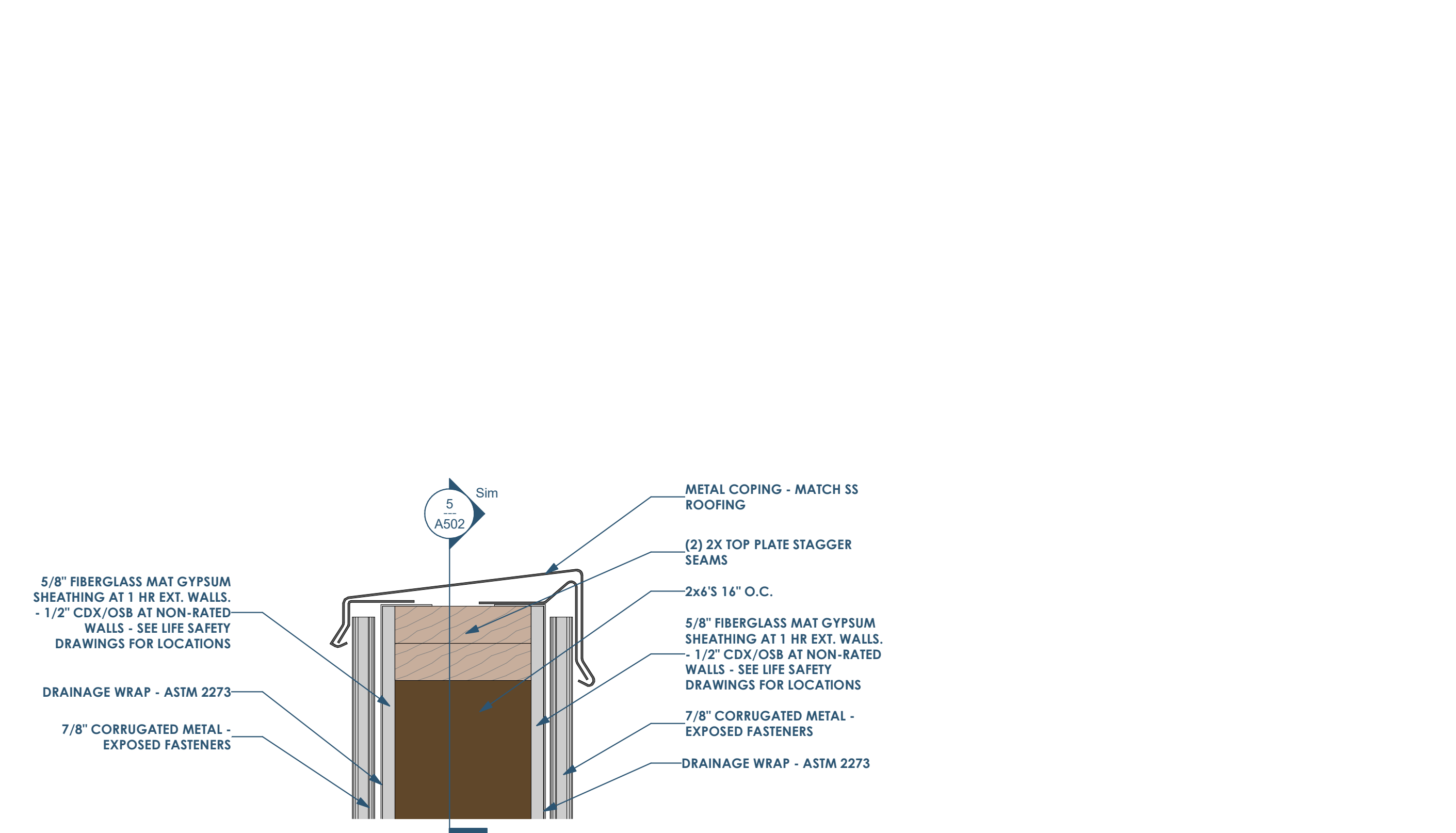


1 SECTION DETAIL - PARTY WALL AND FLOOR TRUSS
3" = 1'-0"

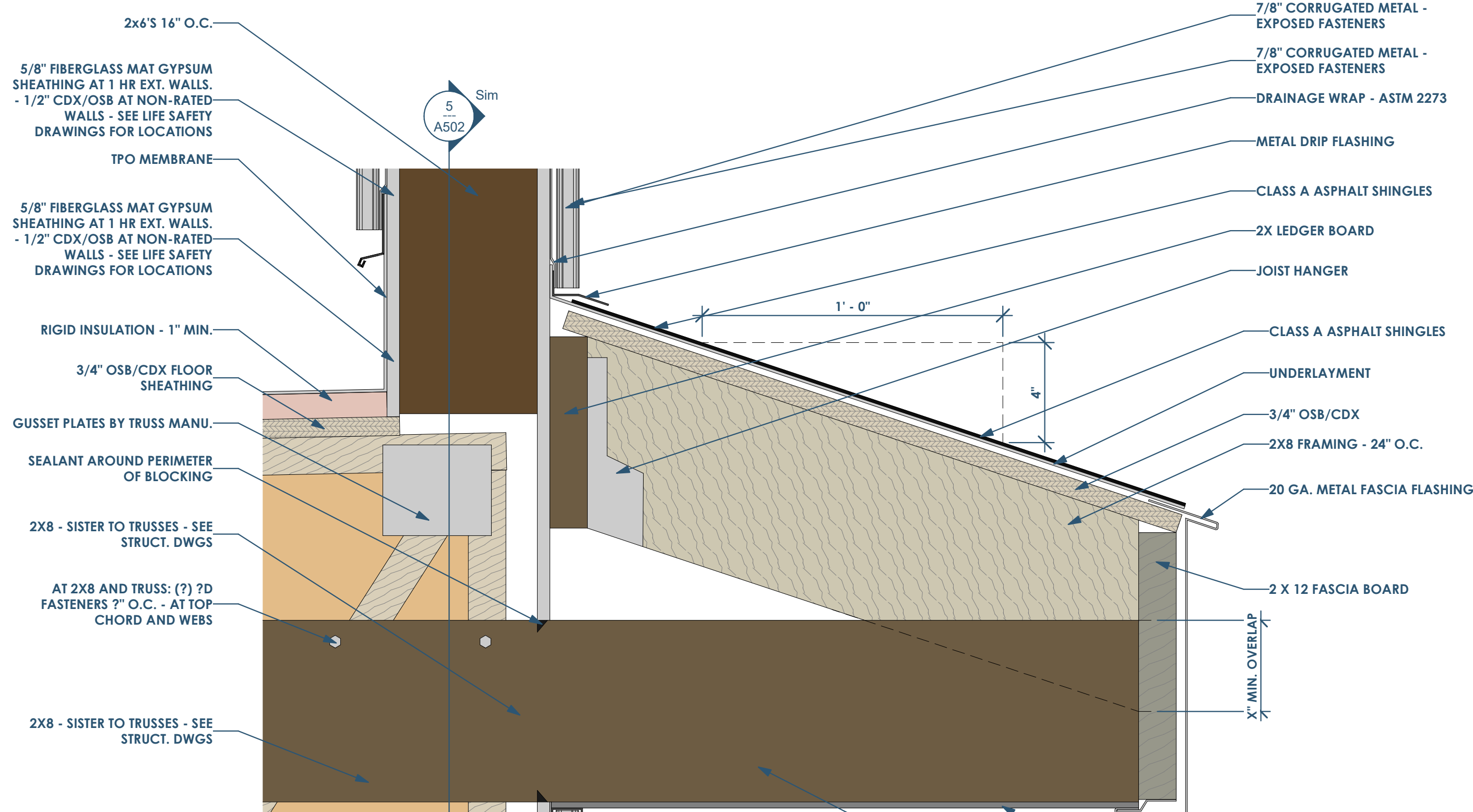


2 SECTION DETAIL - EXTERIOR WALL & FLOOR TRUSS
3" = 1'-0"

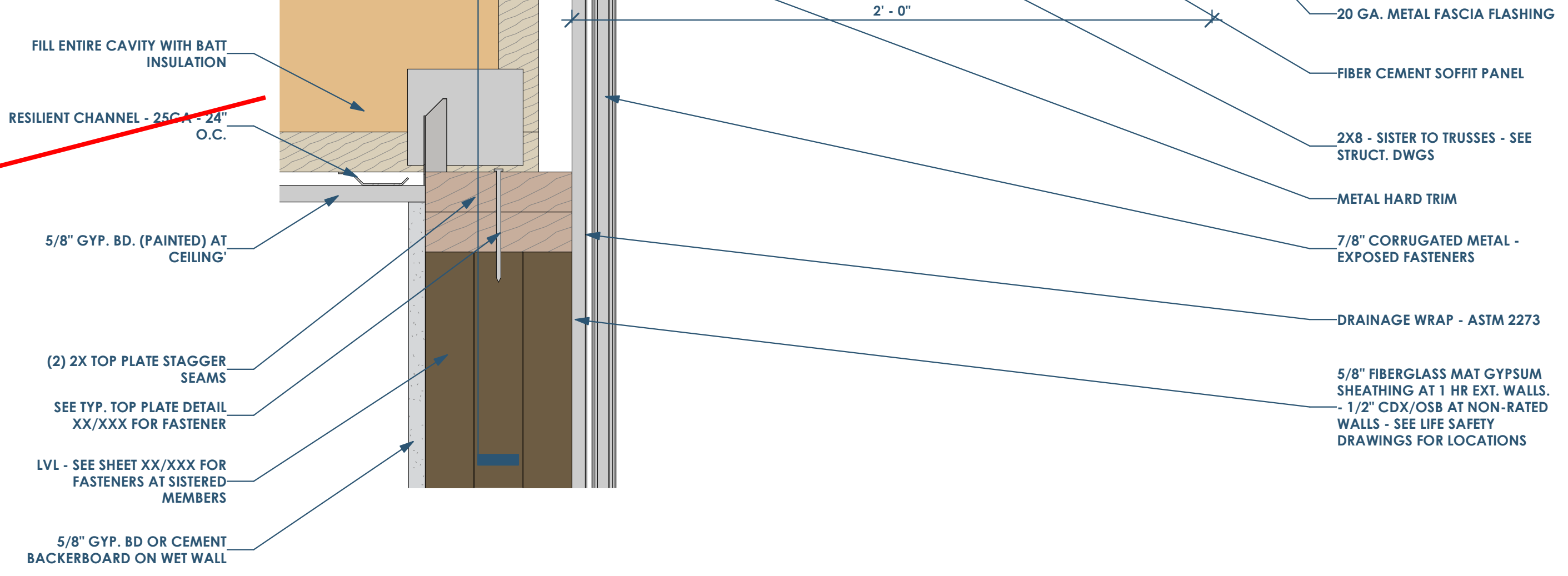
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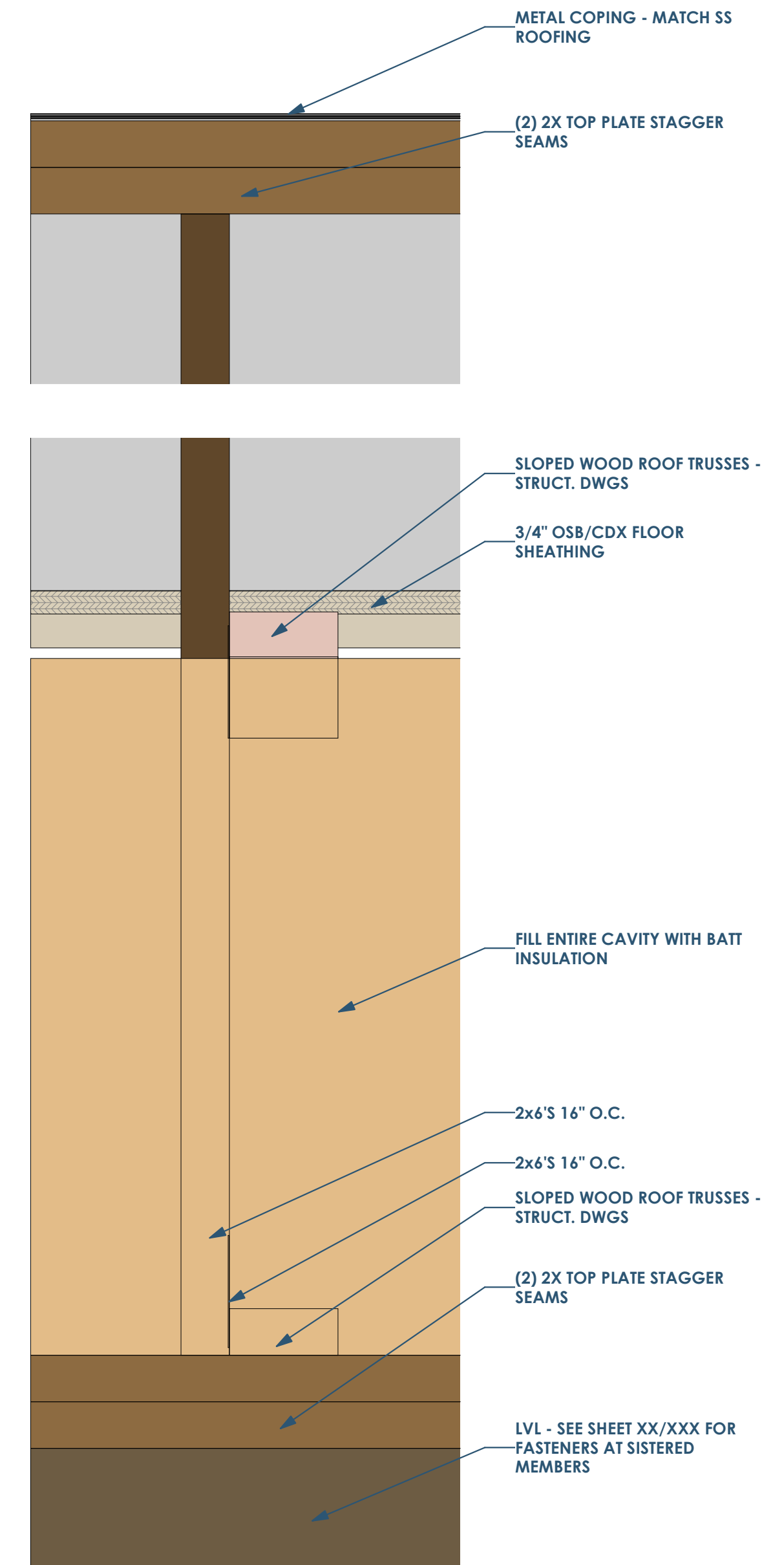
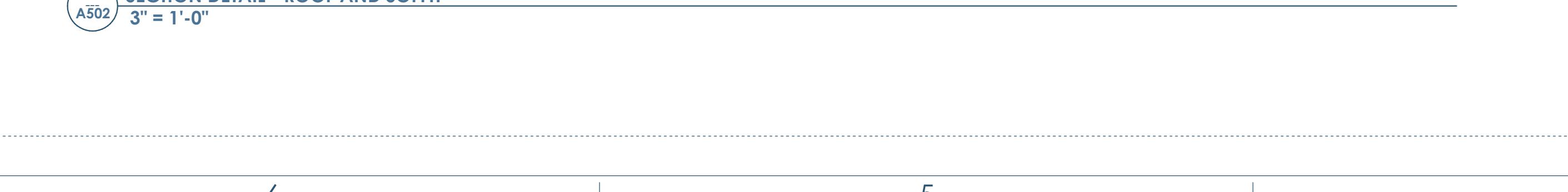
SECTION DETAIL - TOP OF PARAPET 3" = 1'-0"



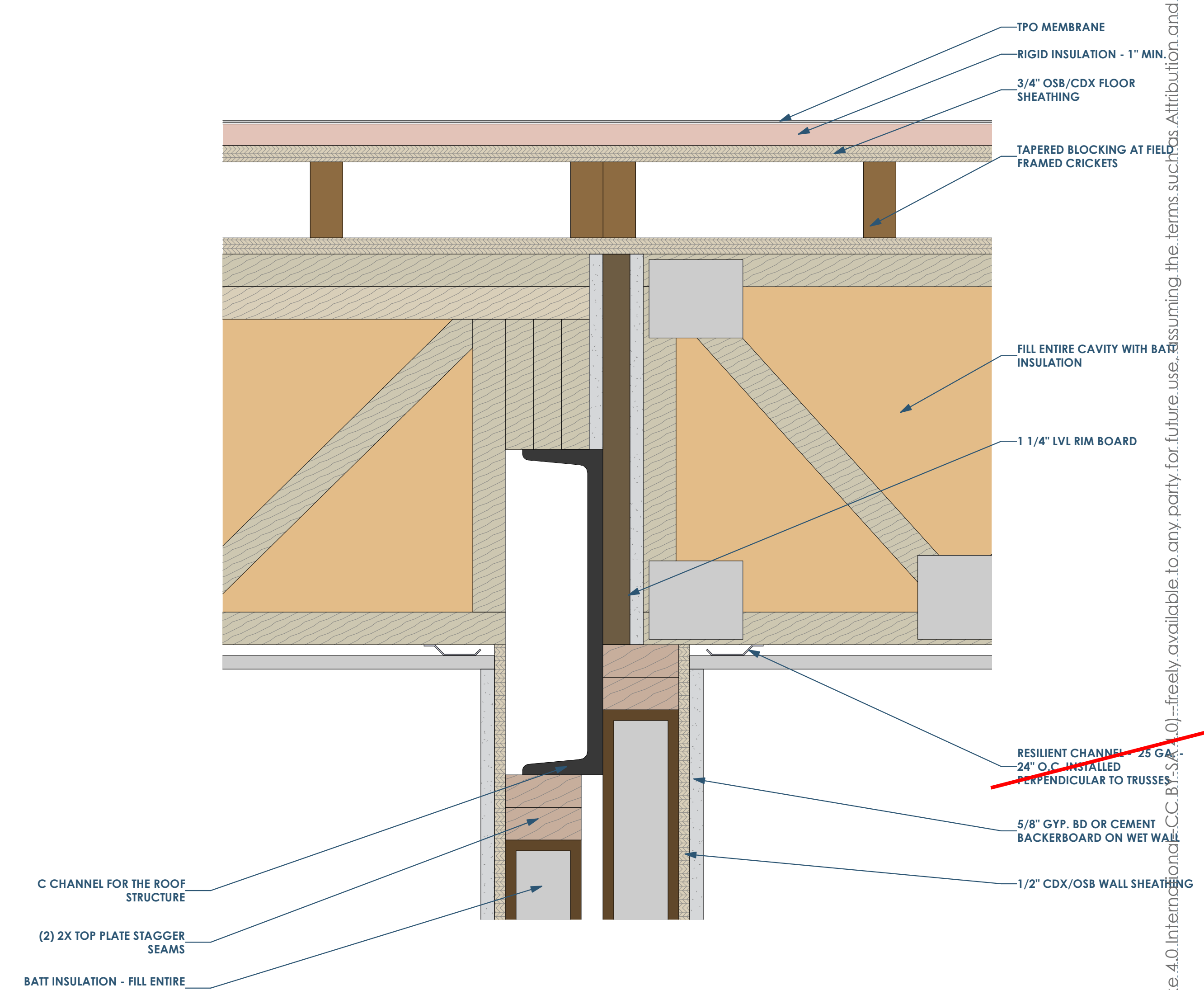
SECTION DETAIL - AT ROOF BEAM 3" = 1'-0"



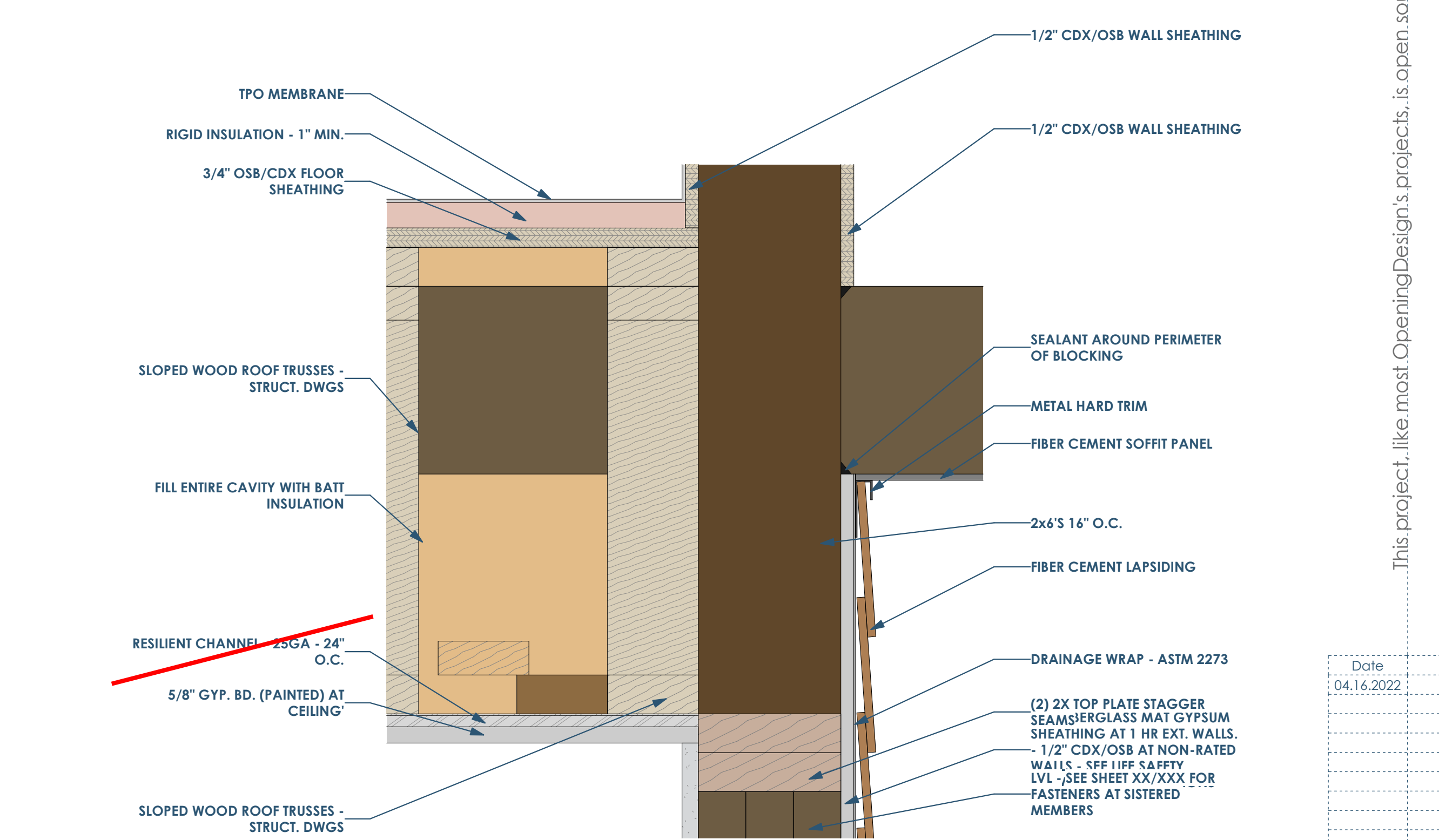
SECTION DETAIL - AT SOFFIT AND ALCOVE 3" = 1'-0"



004 - DETAILS (3" = 1'-0") - Dependent 1 3" = 1'-0"

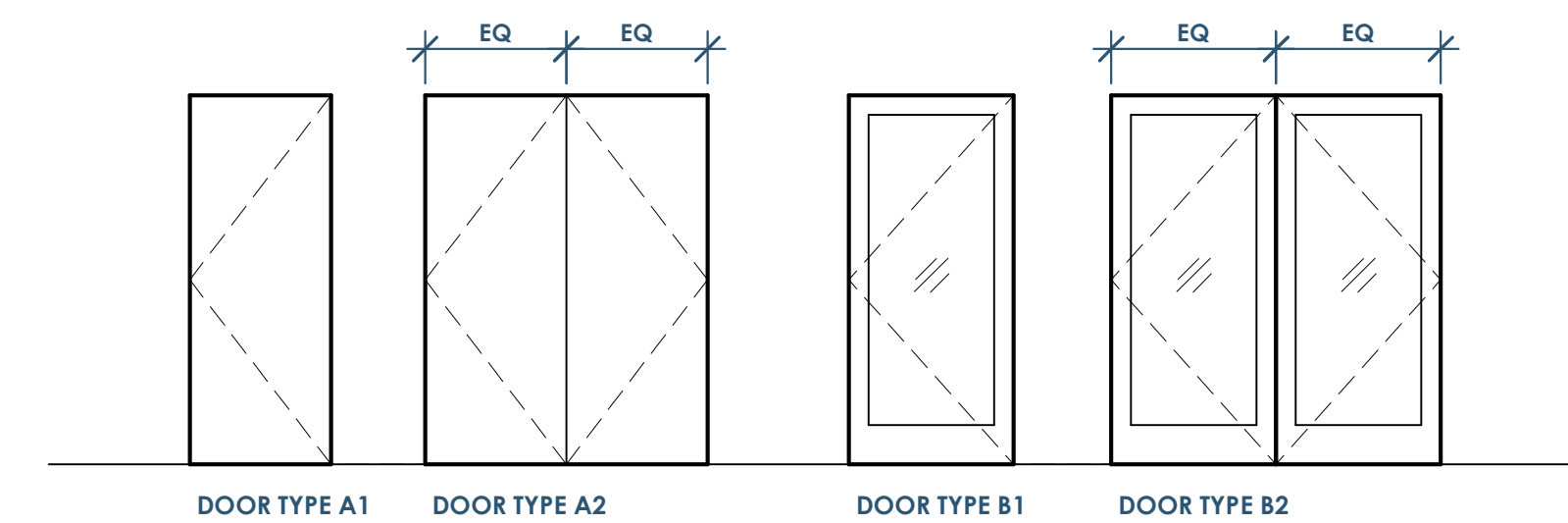


SECTION DETAIL - AT ROOF BEAM 3" = 1'-0"

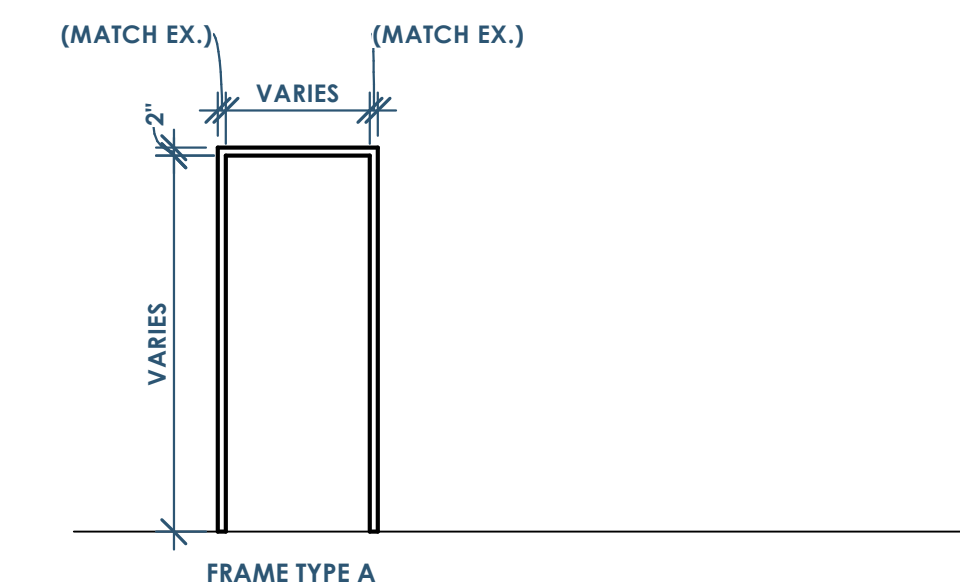


SECTION DETAIL - AT SOFFIT AND ALCOVE 3" = 1'-0"

Date	Description
04.16.2022	Progress Set



1
A600
DOORS - PANEL TYPES
1/4" = 1'-0"



2
A600
DOORS - FRAME TYPES
1/4" = 1'-0"

SIMPLIFIED WINDOW SCHEDULE						
PHASE CREATED	TYPE MARK	TYPE	COUNT	WIDTH	HEIGHT	TYPE COMMENTS
ZAVE 2	W2	Type Name	1	2'-0"	2'-0"	Vinyl-clad wood awning window
ZAVE 2	W1	Type Name	1	3'-0"	4'-0"	
ZAVE 2	W2	Type Name	1	2'-0"	2'-0"	Vinyl-clad wood awning window
ZAVE 2	W3	Type Name	1	2'-1 5/8"	6'-4 7/8"	Vinyl-clad wood double hung window
ZAVE 2	W4	Type Name	1			Vinyl clad wood gliding window
ZAVE 2	W0	Type Name	1			@master-bath; electric fresh air skylight

DOOR SCHEDULE - TYPE											
Count	Type Mark	Type	Width	Height	Fire Rating	Door Type	Door Material	Frame Type	Frame Material	Type Comments	DS Hardware Set (SFI)
24	U02	U02 - SINGLE - FLUSH - 3-0 x 4-8	3'-0"	6'-8"		B1	WD	A	WD		
30	U03	U02 - SINGLE - FLUSH - 2-10 x 6-8	2'-10"	6'-8"		B1	WD	A	WD		
11	U04	U04 - SINGLE - FLUSH - 2-0 x 6-8	2'-0"	6'-8"		B1	WD	A	WD		
6	U05	U05 - DOUBLE - FLUSH - 5-0 x 6-8	5'-0"	6'-8"	QHR	B2	WD	A	WD		

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Date	Description
04.16.2022	Progress Set

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ENGINEERS

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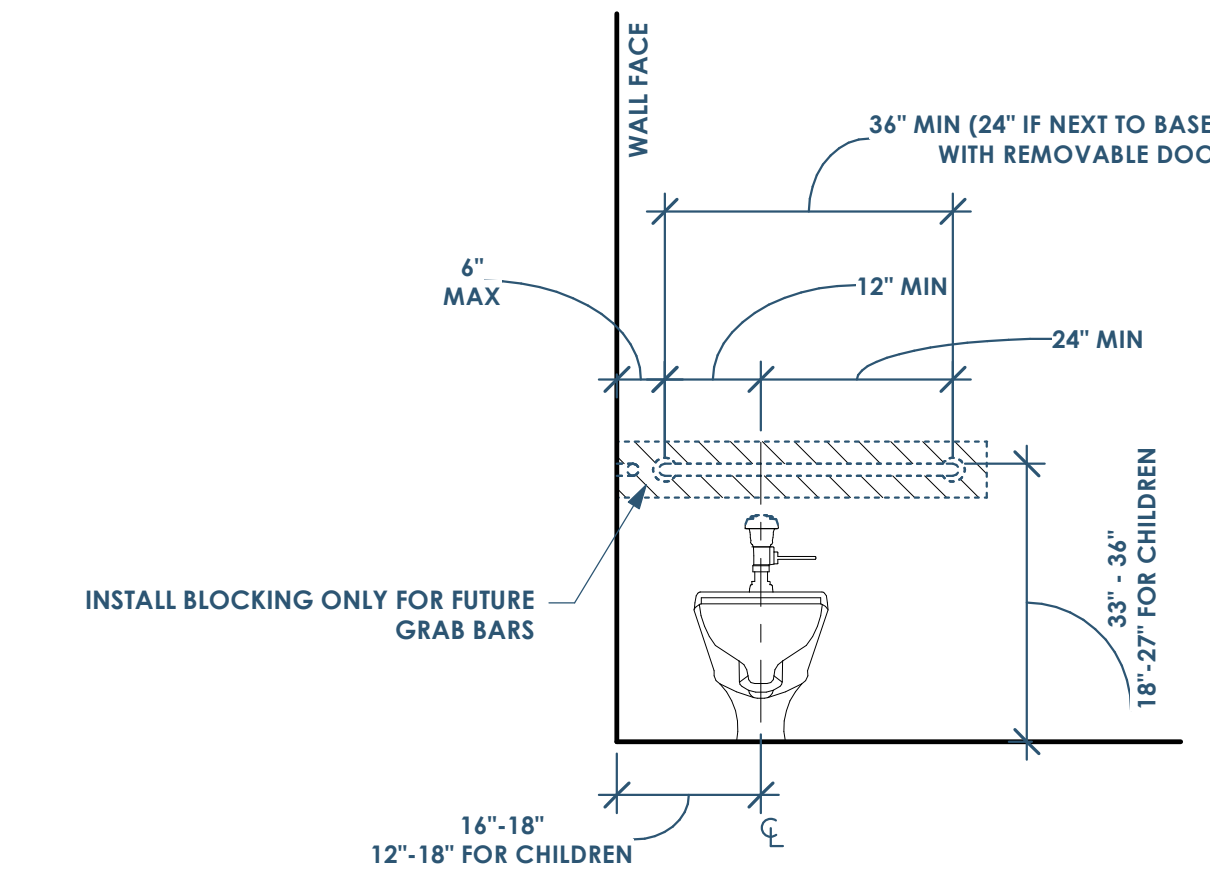
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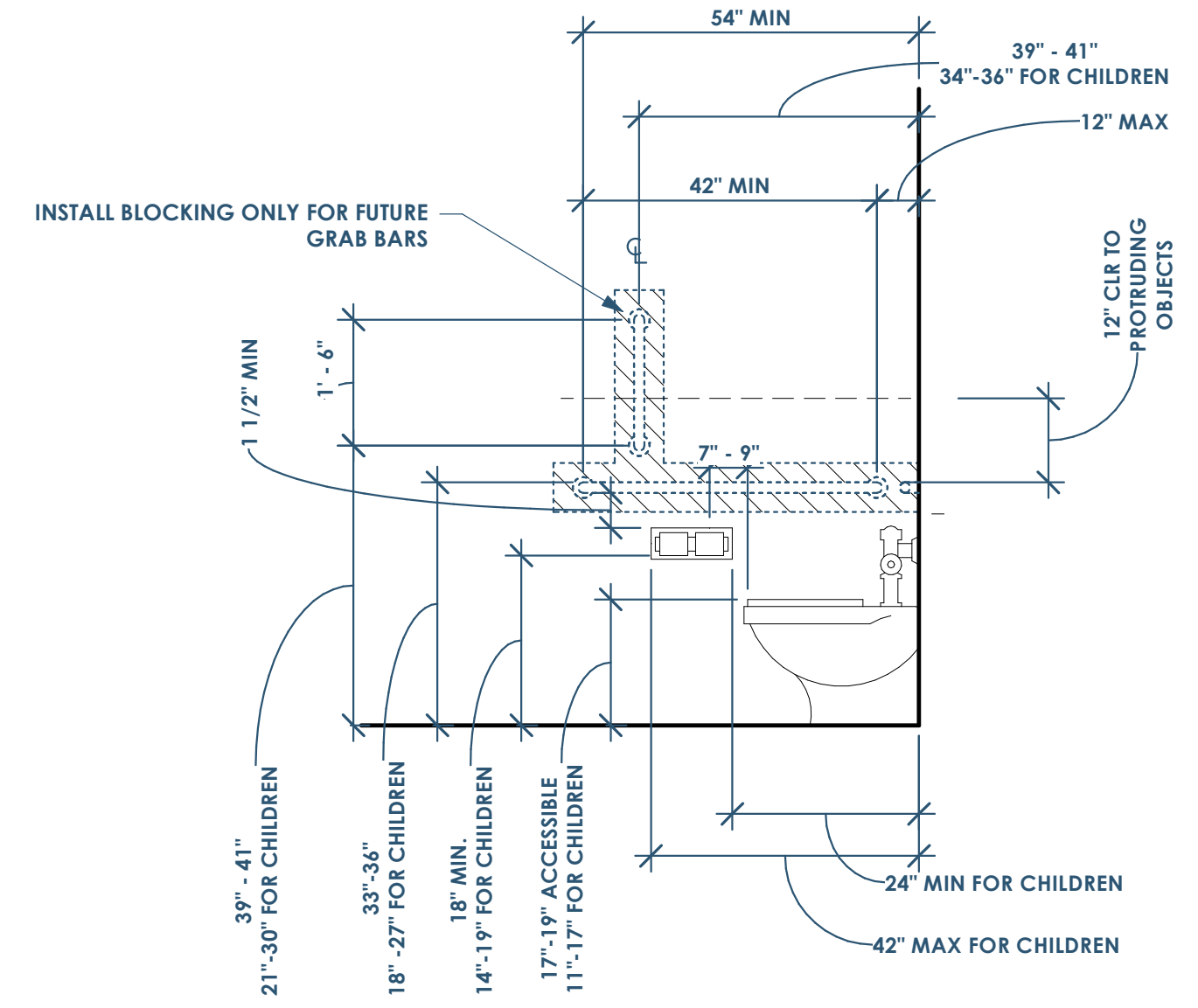
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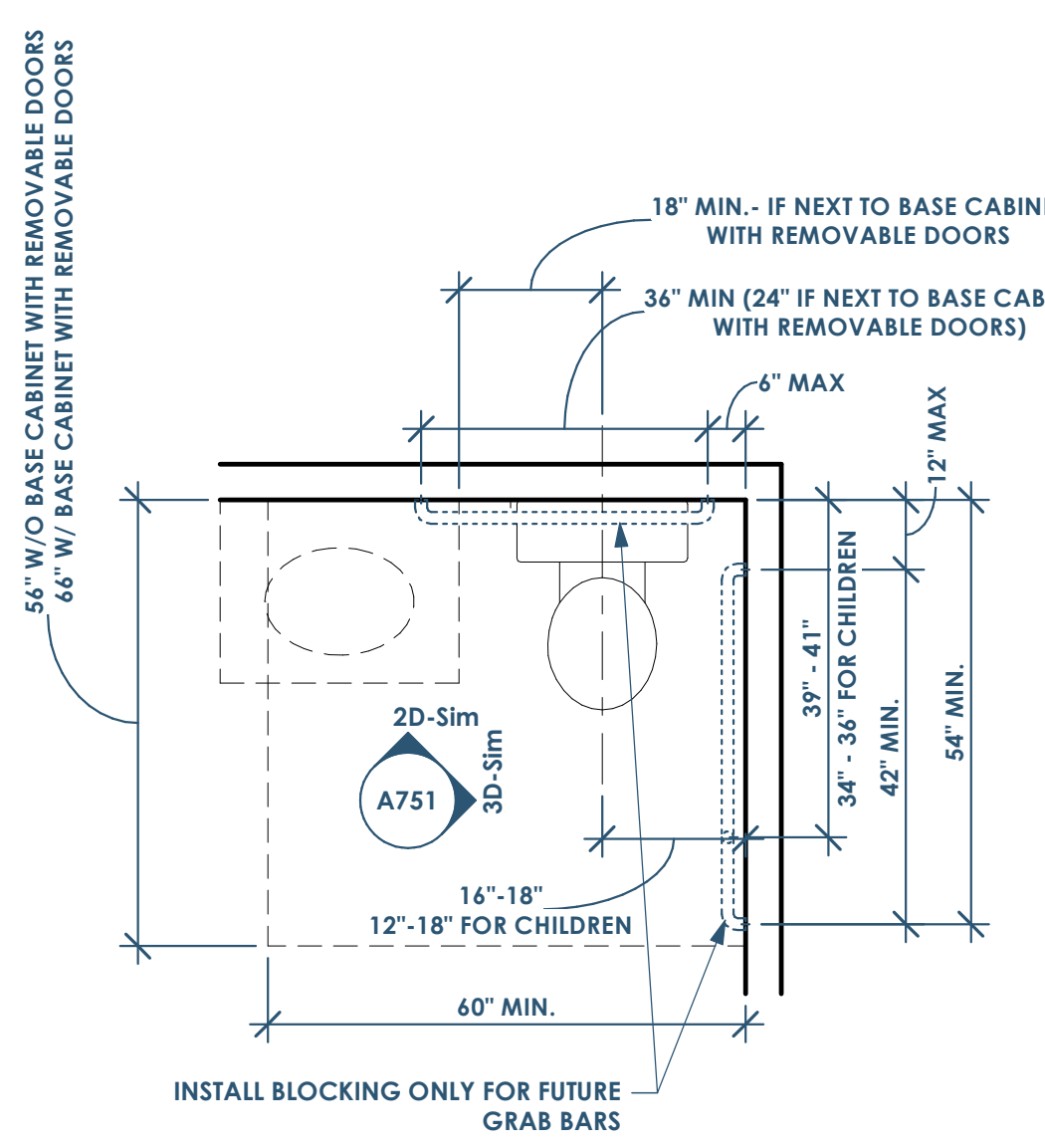
GENERAL NOTES:
NOTE: PER IBC1210.2.2 WALLS AND PARTITIONS WITHIN 2 FEET (610MM) OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF NOT LESS THAN 4 FEET (1219 MM) ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIAL USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE



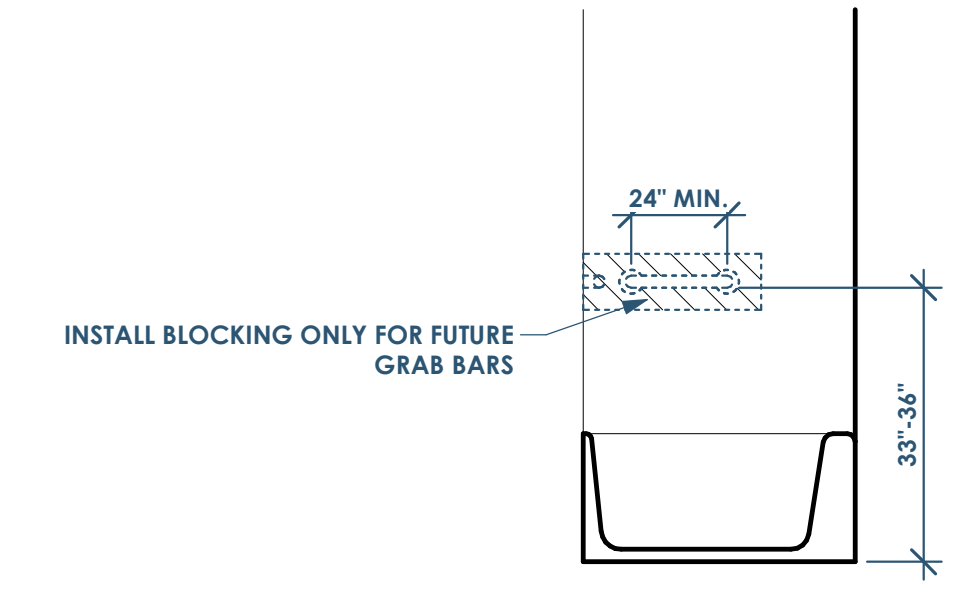
2D ADA - TYPE A - WATER CLOSET - FRONT
1/2" = 1'-0"



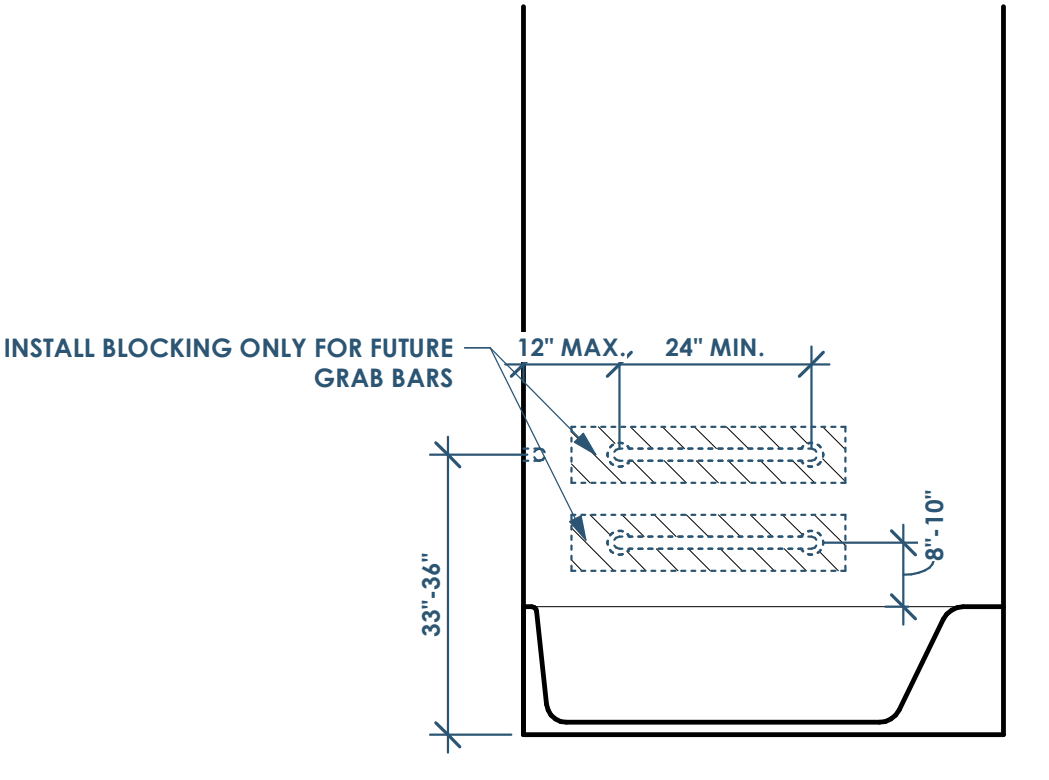
3D ADA - TYPE A - WATER CLOSET - SIDE
1/2" = 1'-0"



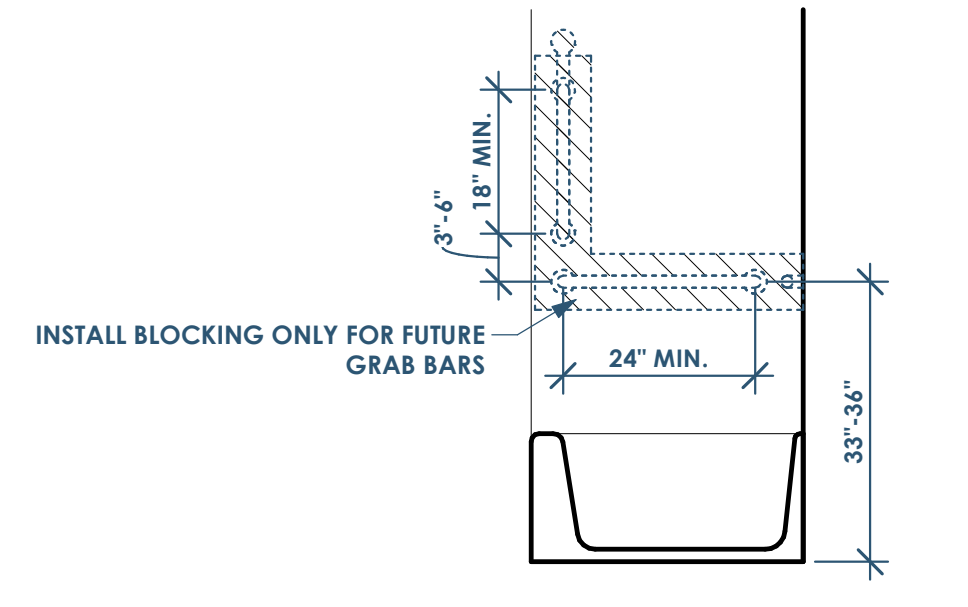
4D ADA - TYPE A - WATER CLOSET - FLOOR PLAN (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



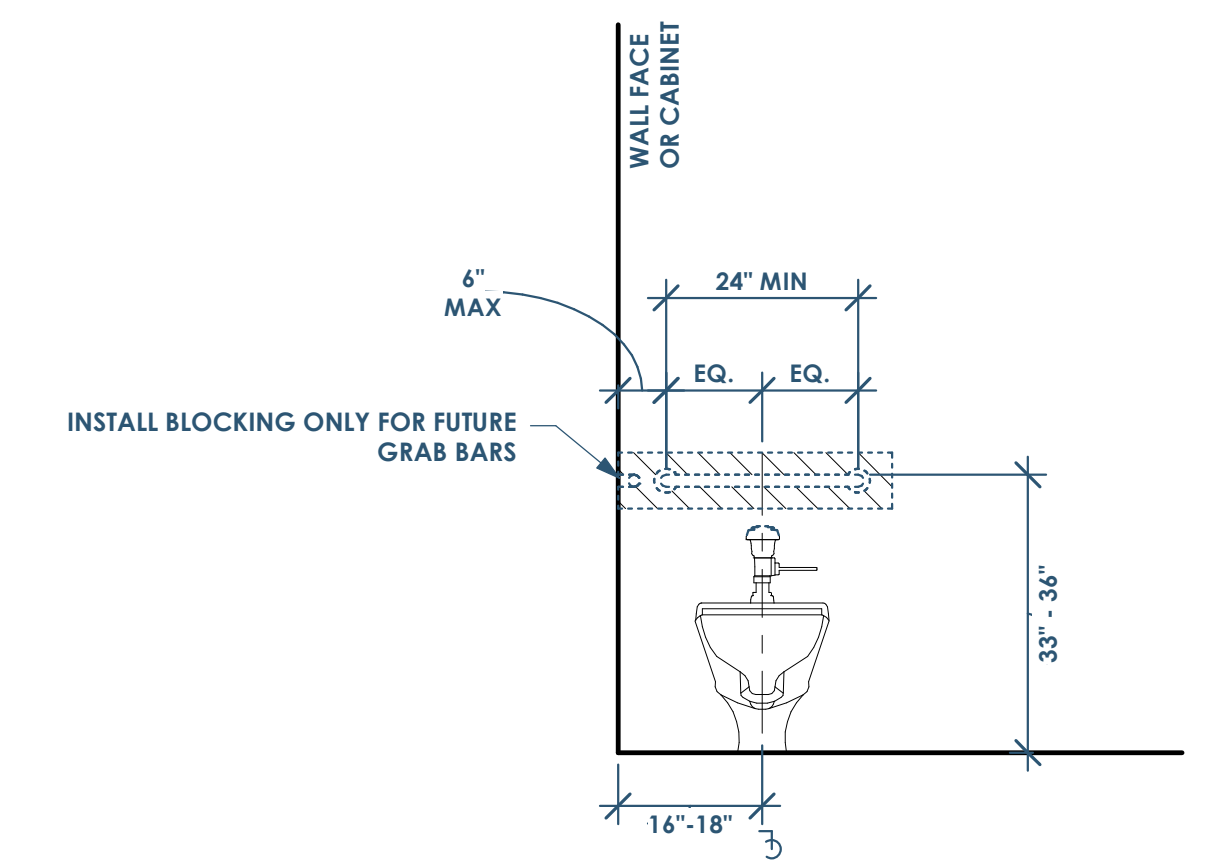
2C ADA - TYPE A & B - BATH - NON-CONTROL SIDE
1/2" = 1'-0"



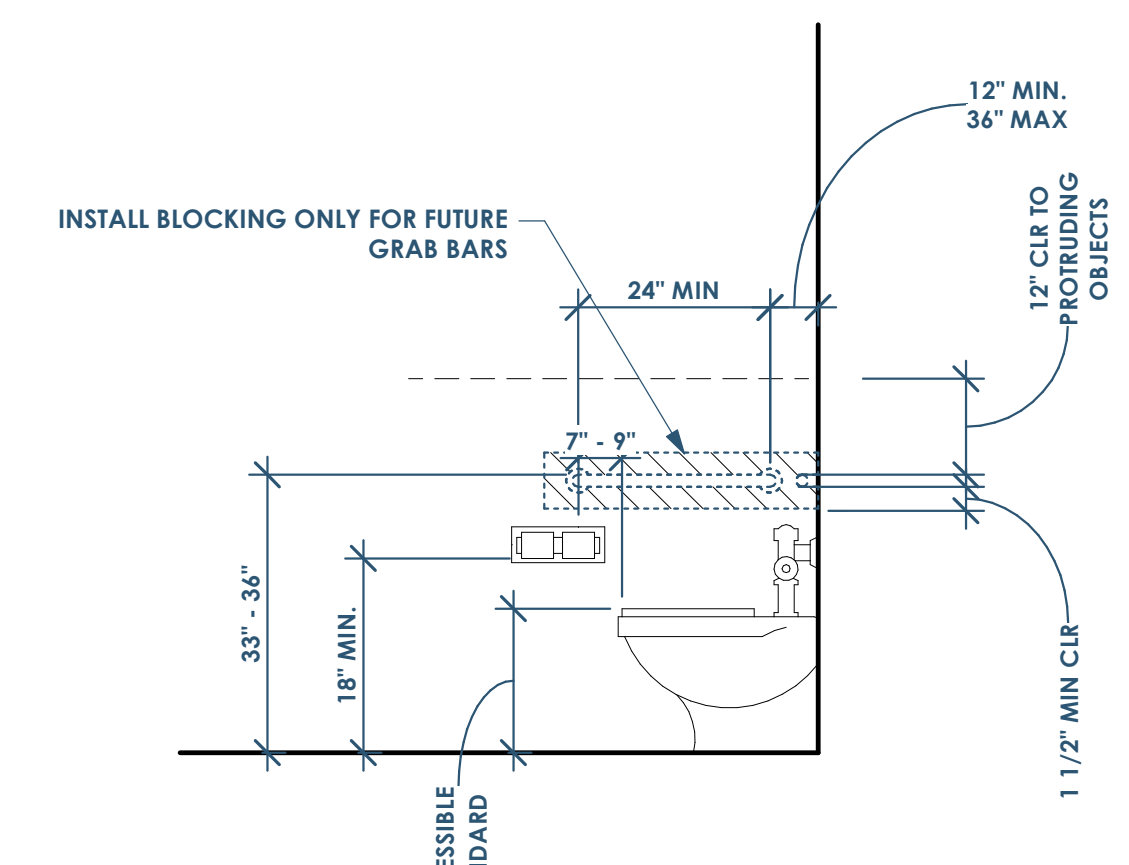
3C ADA - TYPE A & B - BATH - FRONT
1/2" = 1'-0"



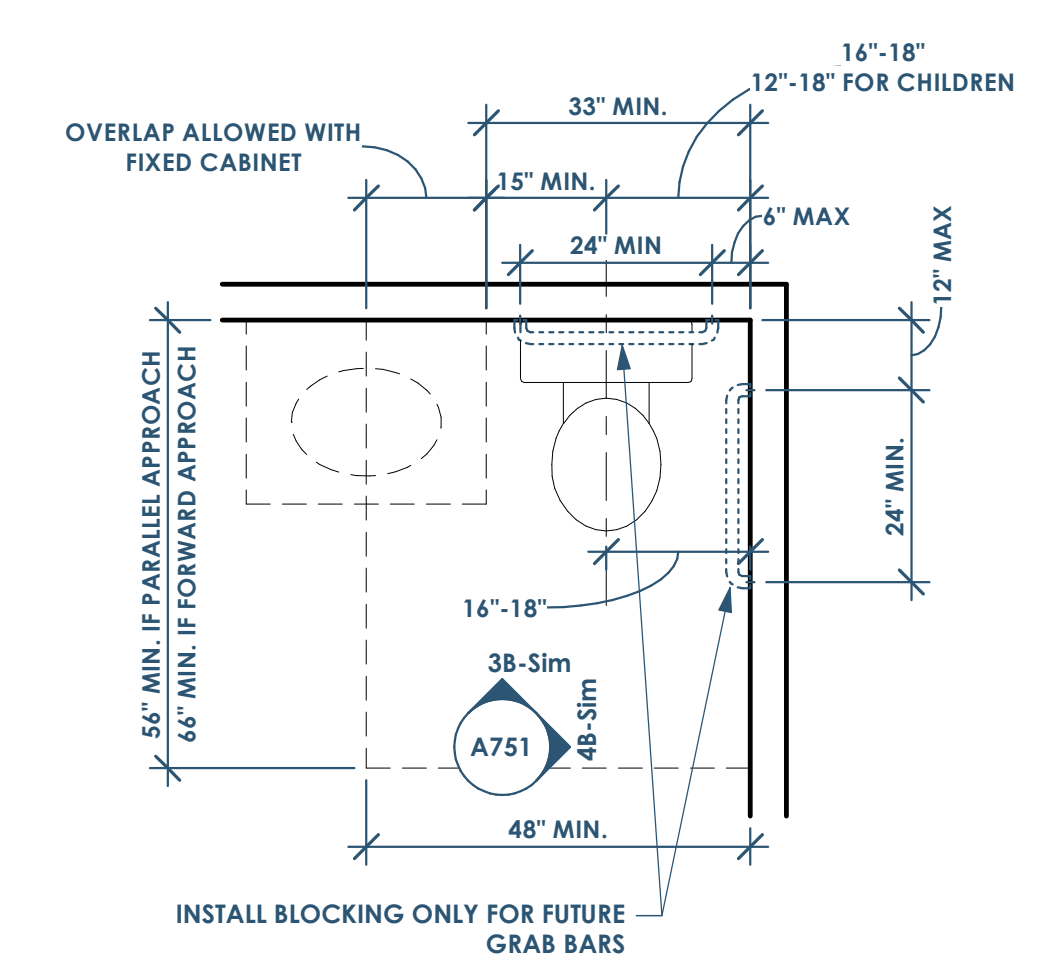
4C ADA - TYPE A & B - BATH - CONTROLS SIDE
1/2" = 1'-0"



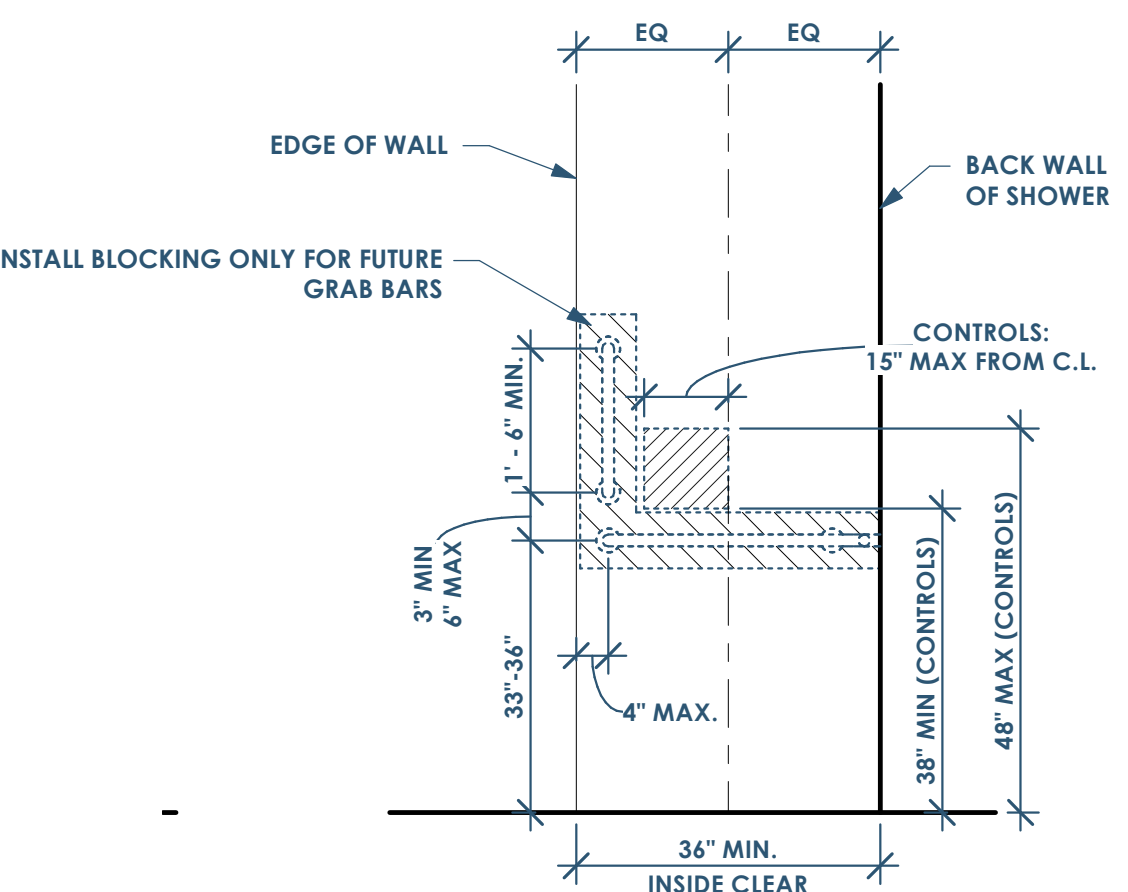
3B ADA - TYPE B - WATER CLOSET - FRONT
1/2" = 1'-0"



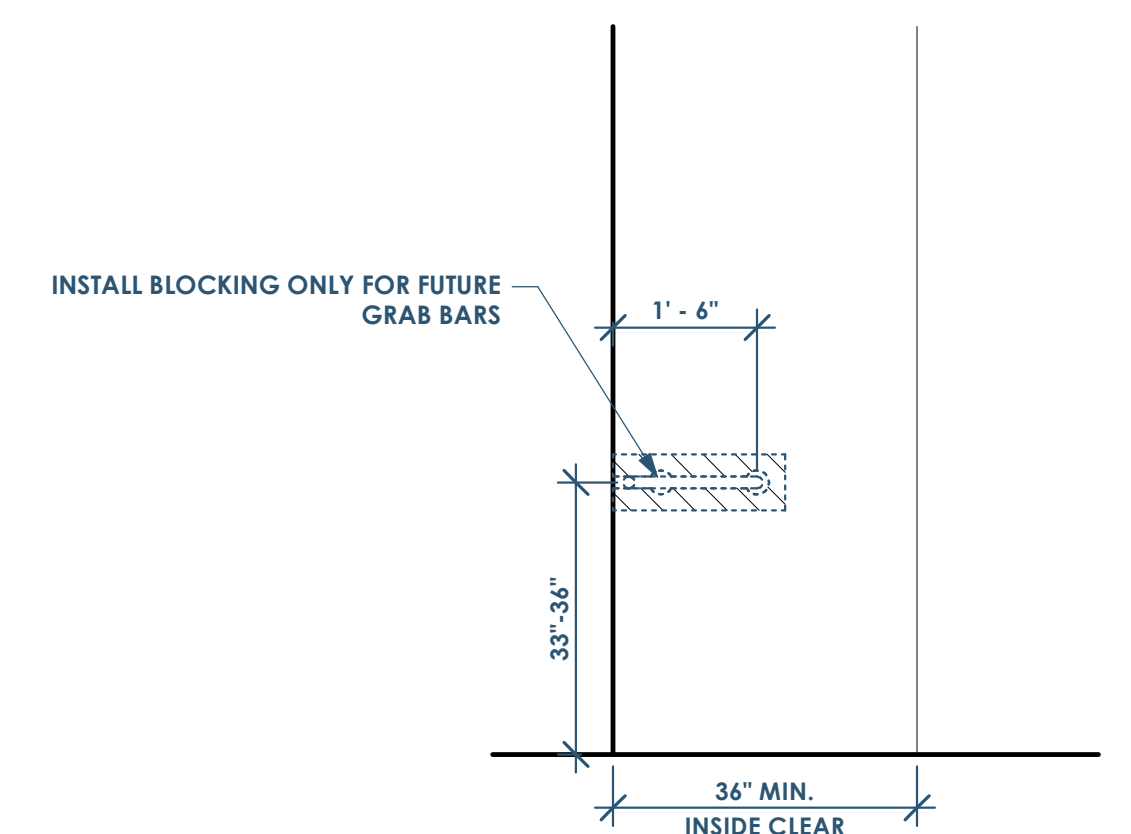
4B ADA - TYPE B - WATER CLOSET - SIDE
1/2" = 1'-0"



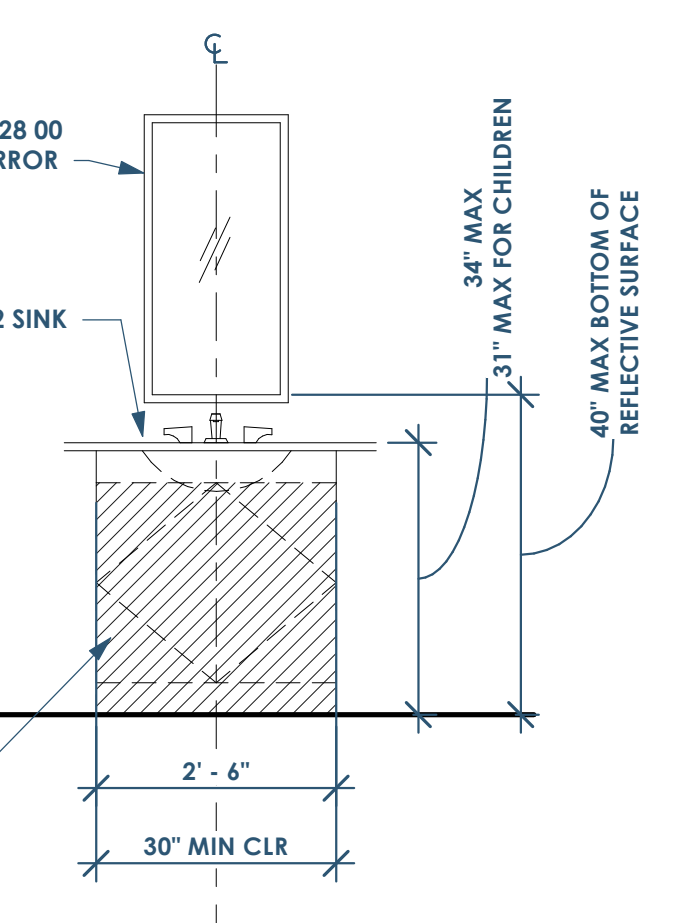
5B ADA - TYPE B - WATER CLOSET - FLOOR PLAN
1/2" = 1'-0"



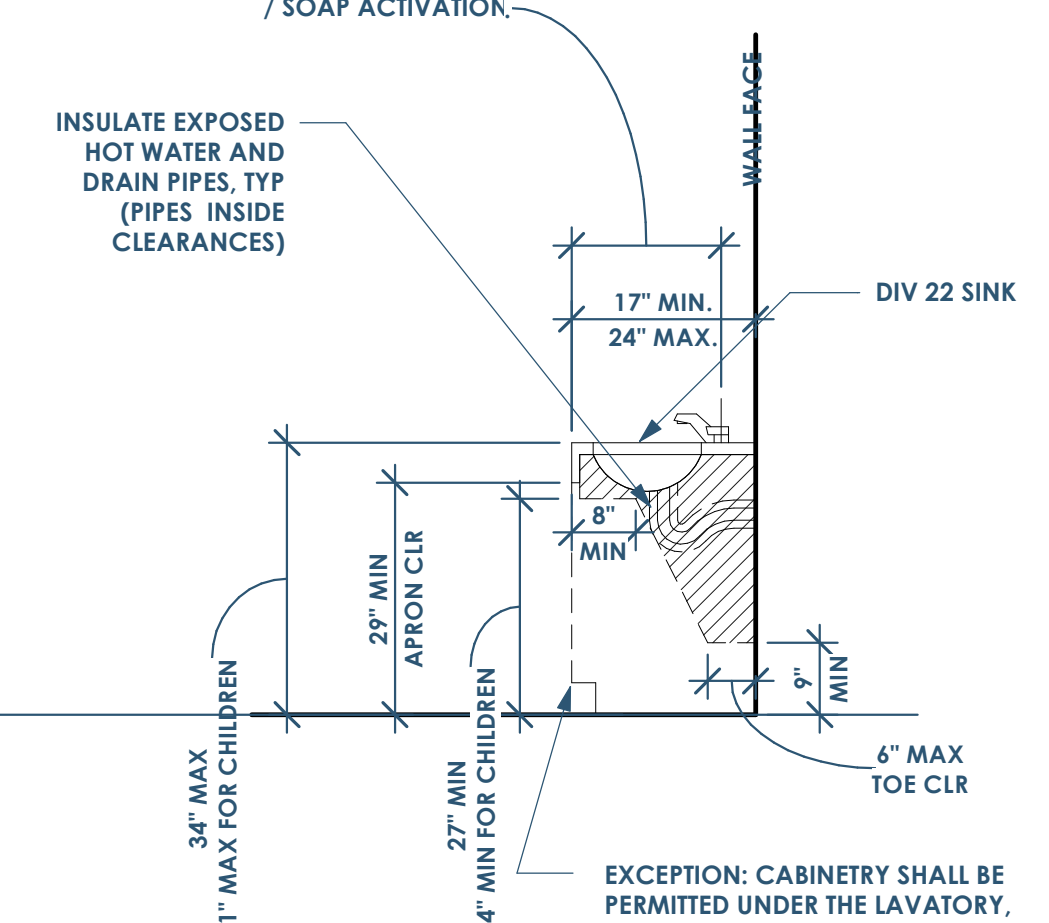
5A ADA - TYPE A & B - SHOWER - SIDE
1/2" = 1'-0"



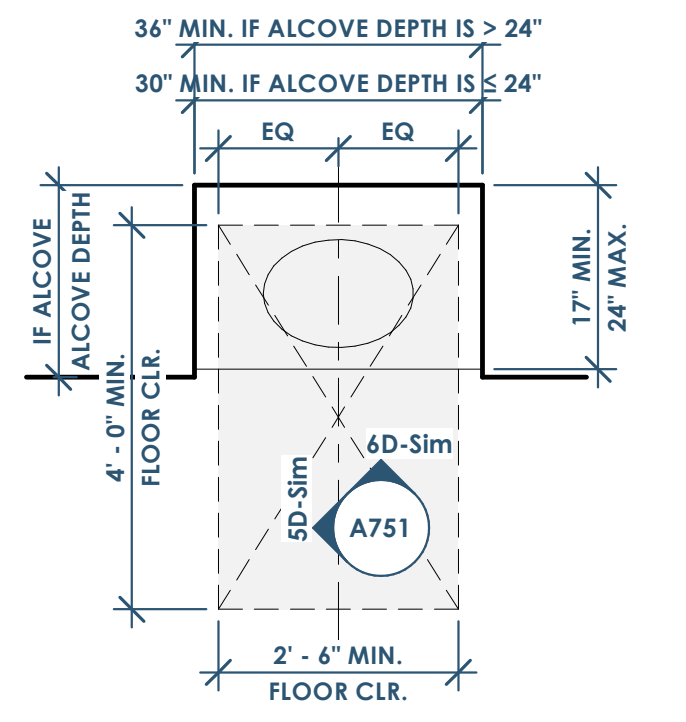
4A ADA - TYPE A & B - SHOWER - BACK
1/2" = 1'-0"



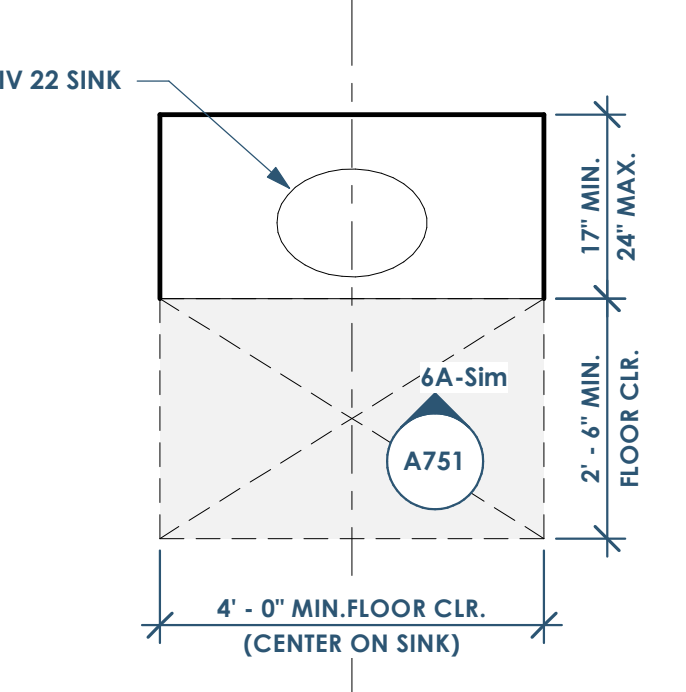
6D ADA - TYPE A - LAVATORY - FRONT (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



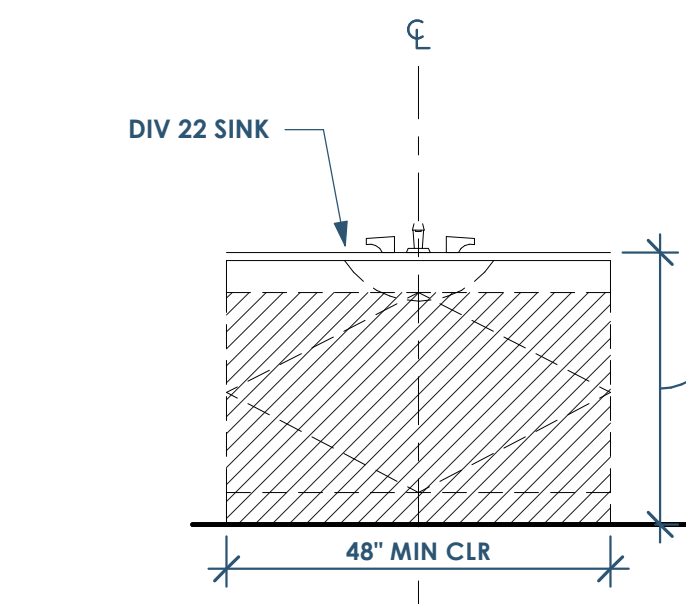
5D ADA - TYPE A - LAVATORY - SIDE (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



4C ADA - TYPE A - LAVATORY - PLAN
1/2" = 1'-0"



4B ADA - TYPE A - LAVATORY - PLAN
1/2" = 1'-0"




6A ADA - TYPE B - LAVATORY - FRONT
1/2" = 1'-0"




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PARTITION TAG NOMENCLATURE

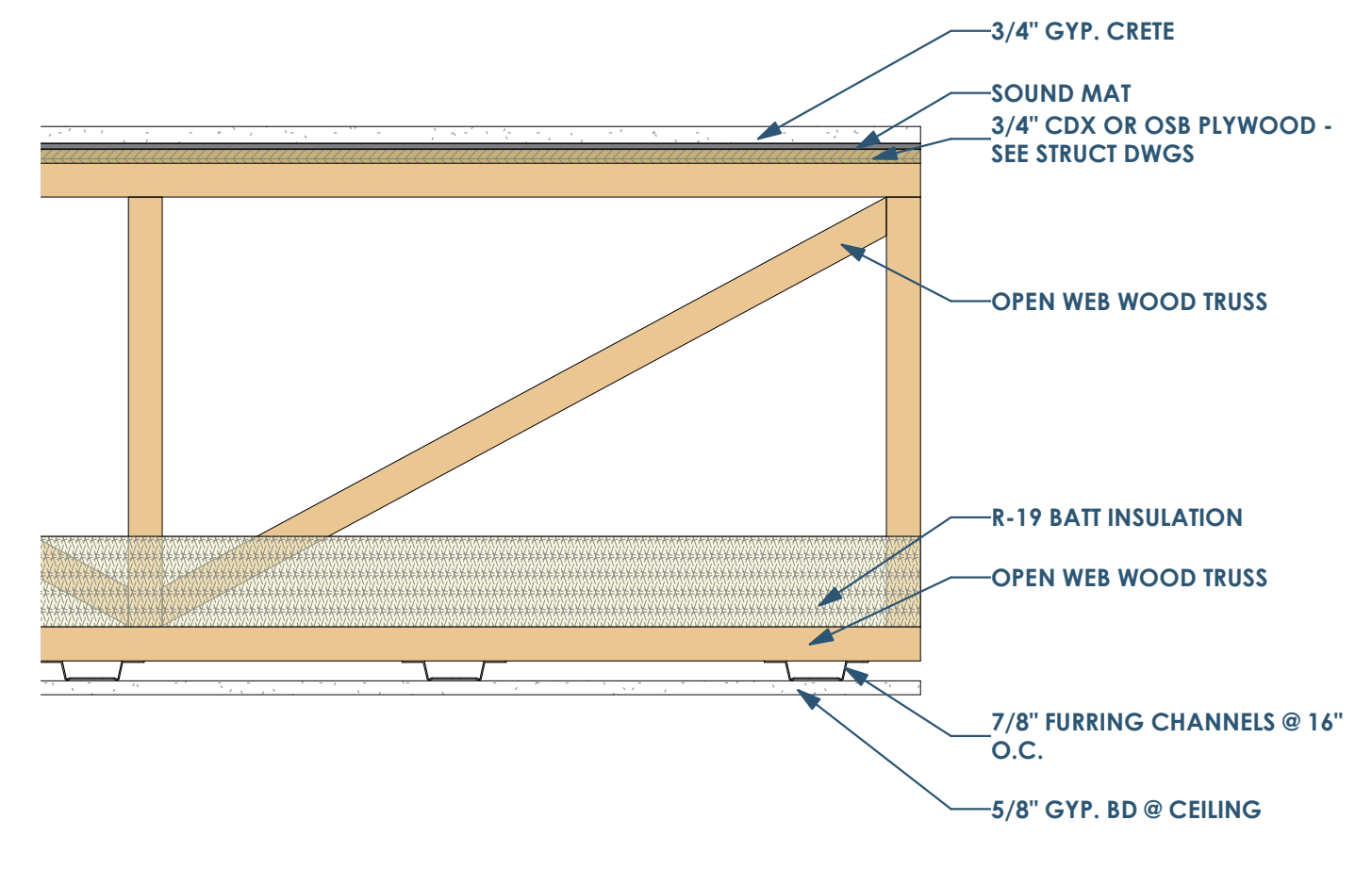
- 1ST LETTER = CORE MATERIAL**
 - W=WOOD
 - M=METAL
 - C=CONCRETE
 - B=MASONRY BLOCK
- 2ND LETTER = SIZE OF CORE**
 - WOOD: NOMINAL STUD SIZES (EX: 4 = 3 1/2")
 - METAL STUD: (EX 358 = 3 5/8")
 - CONCRETE: ACTUAL WALL THICKNESS (EX: 8 = 8")
 - MASONRY: NOMINAL BRICK MODULES (EX: 8 = 7 5/8")
- 3RD LETTER = LAYER MATERIAL**

LAYER MATERIAL (3RD LETTER)							
	LAYER 3	LAYER 2	LAYER 1	CORE	LAYER 1	LAYER 2	LAYER 3
A=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	5/8" GYP. BD.	-	-
B=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	5/8" GYP. BD.	-
C=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	-	-
D=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	-	-
E=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	-	-
F=	-	5/8" GYP. BD.	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	1/2" RESILIENT CHANNEL	5/8" GYP. BD.	5/8" GYP. BD.
G=	5/8" GYP. BD.	5/8" GYP. BD.	SHEATHING - SEE STRUCT. DWGS	STUDS 16" O.C. (20 GA. IF METAL)	SHEATHING - SEE STRUCT. DWGS	5/8" GYP. BD. OVER 1/2" RESILIENT CHANNEL	5/8" GYP. BD.
Q=	-	-	-	CONCRETE - VERT: NO. X AT X" O.C. - HORIZ: NO. Y AT X" O.C.	-	-	-
R=	-	-	-	MASONRY - VERT: NO. X AT X" O.C. - HORIZ: NO. Y AT X" O.C.	-	-	-

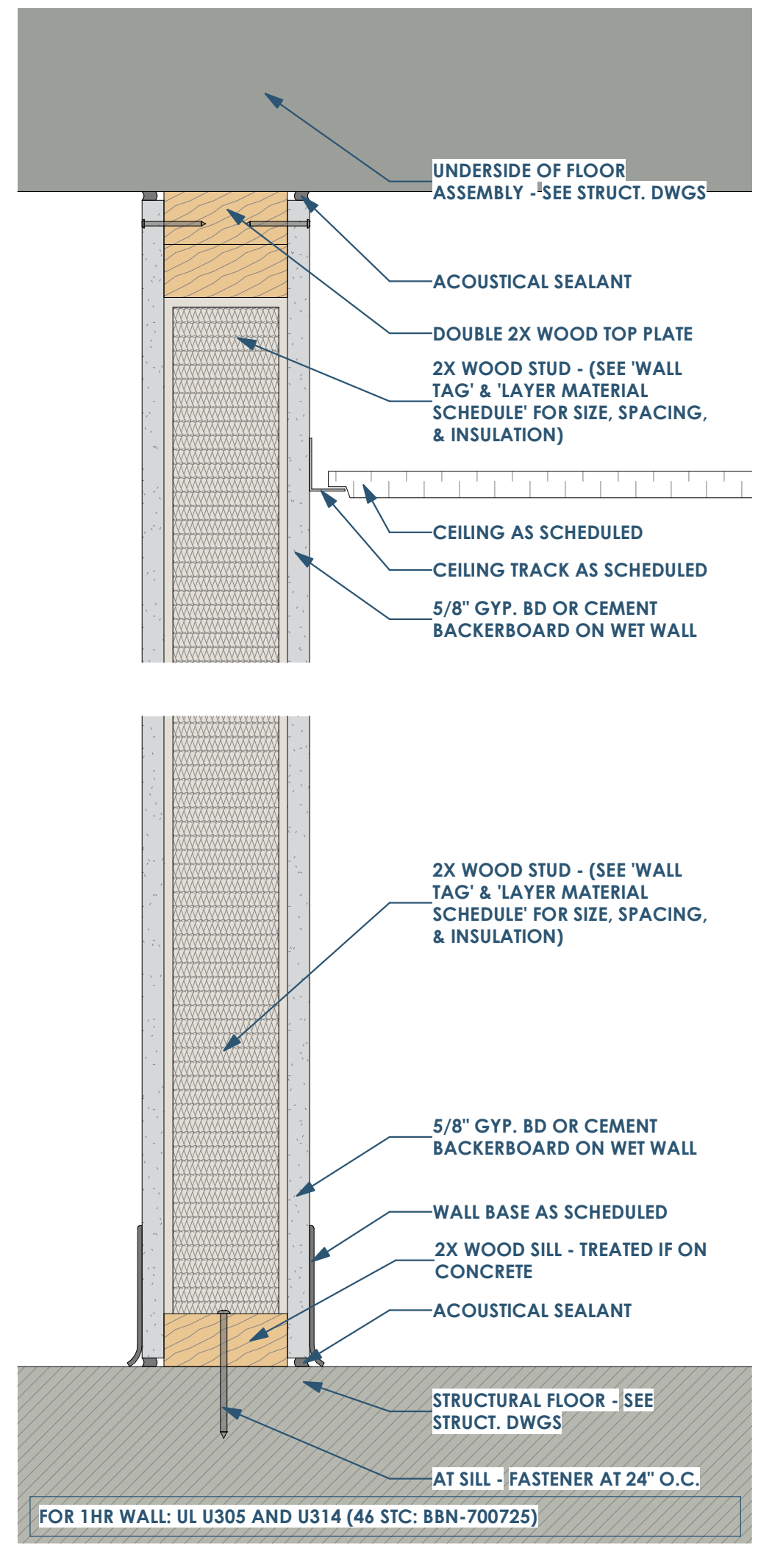
- 4TH NUMBER: FIRE RATING**
 - 0=0 HOUR
 - 1=1 HOUR
 - 2=2 HOUR
 - 3=3 HOUR
 - 5=5/2 HOUR

- 5TH (AND BEYOND) LETTERS = MODIFIERS**
 - A=PARTIAL HEIGHT PARTITION (WALL LAYER 1, 2, & 3 TO EXTEND 6" ABOVE FINISHED CEILING HEIGHT)
 - B=PARTIAL HEIGHT WALL (WALL LAYER 1, 2, & 3 TO TERMINATE AT OR BELOW HUNG CEILING)
 - D=FULL HEIGHT TO UNDERSIDE OF STRUCTURAL DECK/SHEATHING (CORE AND WALL LAYER 1, 2, & 3 TO TERMINATE AT STRUCTURAL DECK)
 - F=FULL HEIGHT TO THE BOTTOM OF STRUCTURE
 - K=KNEE WALL PARTITION
 - R=FURRED OUT WALL

- EXAMPLE: M358B0AR**
 - M=METAL
 - 358=3 5/8" METAL STUD
 - B=20 GA METAL STUDS 16" O.C. W/ BATT INSULATION
 - 0=0 HOUR
 - A=PARTIAL HEIGHT PARTITION (WALL LAYER 1, 2, & 3 TO EXTEND 6" ABOVE FINISHED CEILING HEIGHT)
 - R=FURRED OUT WALL



1 A800 FLOOR/CEILING ASSEMBLY - L521
1 1/2" = 1'-0"



1A A800 WALL OF FULL HEIGHT PARTITION
3" = 1'-0"

DESIGN CRITERIA

Table with 2 columns: Item, Description. Includes construction documents, building code version, risk category, dead loads, wind speed, equipment, and roof load details.

STRUCTURAL DEFERRED SUBMITTALS

- 1. STRUCTURAL DEFERRED SUBMITTALS ARE THOSE PORTIONS OF THE DESIGN WHICH REQUIRE STRUCTURAL ENGINEERING THAT ARE NOT SUBMITTED AT THE TIME OF THE APPLICATION BUT ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL AT A LATER DATE...

GENERAL CONDITIONS

- 1. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

REINFORCED CONCRETE - 03 30 00

- 1. GENERAL
a. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE AND IN THESE CONSTRUCTION DOCUMENTS.
b. MIX DESIGN
c. ALL CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED REGISTERED ENGINEER...

Table with 10 columns: ELEMENT, fc, EXPOSURE CATEGORY, MAX CL, MAX FLY ASH, MAX W/C RATIO, MAX COARSE AGG. SIZE, MIN AIR CONTENT. Includes interior slabs on ground.

CONCRETE FINISHING AND CURING

- 1. FINISHING, FINISHING OPERATIONS AND FINAL FINISHING SHALL BE COMPLETED PRIOR TO THE ACCUMULATION OF BLEED WATER ON THE SURFACE. FINAL FINISHING SHOULD NOT BEGIN UNTIL THE BLEED WATER HAS EVAPORATED AND THE WATER SHEEN HAS DISAPPEARED FROM THE SURFACE...

CONCRETE CRACKS

- 1. EVEN WITH PROPER DESIGN AND CONSTRUCTION ALL CONCRETE WILL CRACK. PLASTIC SHRINKAGE CRACKS CONTINUE TO OPEN AS THE SLAB CURES UP TO APPROXIMATELY ONE YEAR, AND REACH 50% OF THEIR FINAL SIZE IN APPROXIMATELY TWO YEARS...

TEMPERING (ADDING WATER TO CONCRETE ON-SITE)

- 1. WATER SHALL NOT BE ADDED TO THE MIX PORTION ON THE JOB SITE IN EXCESS OF THE VOLUME OF WATER THAT IS SPECIFICALLY INDICATED TO HAVE BEEN WITHHELD FROM THE READY MIX SUPPLIER.

FLOOR FINISHNESS AND LEVELNESS

- 1. SCHEDULE OVERALL VALUES FOR FINISHES (SOB) AND LEVELNESS (SOB) SHALL CONFORM TO THE VALUES LISTED BELOW FOR THE FLOOR SURFACE CLASSIFICATION NOTED FOR EACH SUB CATEGORY TYPES.

STRUCTURAL STEEL - 05 10 00

- 1. GENERAL
a. ALL STRUCTURAL STEEL IS TO BE FABRICATED AND DELIVERED IN ACCORDANCE WITH THE LATEST EDITION OF AISC 340 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
b. PROTECTION
c. STEEL LOCATED WITH PERMANENTLY CONDITIONED, NON-CORROSION PROTECTIVE SPACE AND WITHIN THE BUILDING ENVELOPE DOES NOT REQUIRE SHOP PAINT UNLESS STEEL WILL BE EXPOSED TO THE ELEMENTS FOR A YEAR OR MORE DURING CONSTRUCTION.

INSPECTIONS

- 1. CONSTRUCTION OR WORK FOR WHICH A PERMIT IS REQUIRED SHALL BE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL, AND SUCH CONSTRUCTION OR WORK SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED. REQUIRED TESTS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
a. FOUNDATION INSPECTIONS
b. FOOTINGS AND FOUNDATION INSPECTIONS
c. CONCRETE INSPECTIONS

DRAWING INTERPRETATION

- 1. DRAWING VIEWS LABELED AS FOLLOWS:
a. PARTIAL PLAN, ELEVATIONS, SECTIONS, DETAIL OR SCHEDULES LABELED WITH 'TYPICAL' AT THE BEGINNING OF THEIR TITLE SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THE THOSE SPECIFICALLY SHOWN...

REINFORCING STEEL - 03 20 00

- 1. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL CONFORM TO THE RECOMMENDATIONS OF THE ACI DETAILING MANUAL, ACI 315 AND 318 (ACI) DETAILING HANDBOOK.
2. CONCRETE REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, WITH SUPPLEMENTARY REQUIREMENTS.
3. COMPLETE REINFORCING PLACEMENT DRAWINGS PREPARED IN ACCORDANCE WITH ACI 315 SHALL BE REVIEWED BY THE ENGINEER AND AVAILABLE ON THE JOB SITE PRIOR TO BEGINNING THE PLACING OF CONCRETE.

WOOD FRAMING SPECIFICATIONS [06 10 00]

- 1. WOOD FRAMING STUDS, TRUSSIES, ANCHORAGE, HURRING AND CONNECTORS NOT SHOWN ON THE CONSTRUCTION DOCUMENTS SHALL BE AT A MINIMUM AS FOLLOWS:
a. CONCRETE LUMBER IN PERMANENTLY CONDITIONED PLACES SHALL MEET OR EXCEED THE FOLLOWING GRADES, PRODUCT LINE AND CRITERIA
b. STUDS
c. 2X6 GRADE SOUTHERN YELLOW PINE
d. 2X8 GRADE DOUGLAS FIR/LARCH
e. 2X10 GRADE DOUGLAS FIR/LARCH

WOOD TRUSS SPECIFICATIONS [06 17 00]

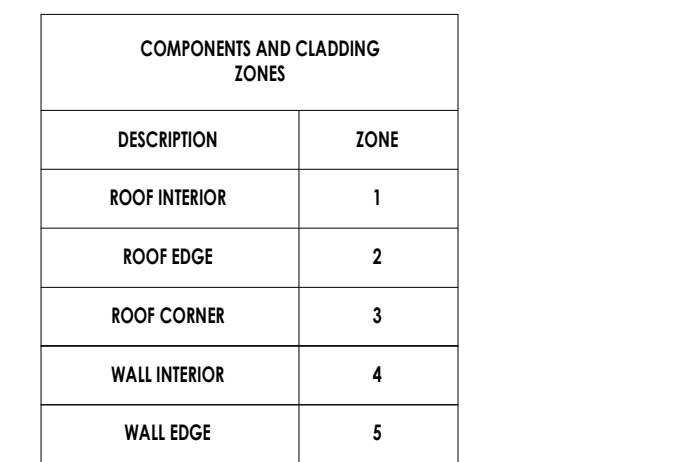
- 1. TRUSS SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1-2016) AND SHALL CONFORM TO THE DESIGN, MATERIALS AND FABRICATION REQUIREMENTS OF THE TRUSS MANUFACTURER'S TEMPORARY BRACING MAY REMAIN IN PLACE IF IT DOES NOT INTERFERE WITH ARCHITECTURAL REQUIREMENTS.

WOOD SHRINKAGE

- 1. REGARDLESS OF THE BUILDING TYPE, BUILDING DESIGNS MUST COMPENSATE FOR THE FACT THAT WOOD SHRINKAGE AS IT DRIES, SHRINKAGE CONTINUES UNTIL WOOD REACHES ITS EQUILIBRIUM MOISTURE CONTENT (EMC), WHICH AVERAGES 6% OF MOISTURE CONTENT FOR MOST STRUCTURES IN THE U.S. THE CONTRACTOR SHALL PREPARE AND SUBMIT A PLAN TO MINIMIZE ACTIVITY IN THE WOOD FRAMING SYSTEMS SHALL BE OF THE FOLLOWING:
a. THE CONSTRUCTION OF A WOOD-FRAMED BUILDING REQUIRES AN UNDERSTANDING OF FRAMING TOLERANCES, SHRINKAGE, AND INTERACTION WITH DESIGNS FOR MATERIALS.

C&C - GROSS ULTIMATE WIND PRESSURES

Table with 4 columns: Cladding Type, Location, Effective Area, Wind pressures. Includes windward wall, roof, and various corners/edges.



FLAT / HIP / GABLE ROOF - h s 40 0' (0.12) x SLOPE S 7' (1.5:12)

FOUNDATION DESIGN CRITERIA

- 1. GEOTECHNICAL REPORT: THIS FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS PROVIDED IN SITE-SPECIFIC GEOTECHNICAL REPORT. IN DESIGNING THE FOUNDATION FOR THE PROPOSED STRUCTURE, THE FOUNDATION DESIGN ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE GEOTECHNICAL ENGINEER'S REPORT OR ANY INFORMATION CONTAINED THEREIN.

LATERAL LOAD RESISTING SYSTEM

- 1. ALL LATERAL LOAD RESISTANCE AND STABILITY OF THE BUILDING IS PROVIDED EXCLUSIVELY BY VERTICAL LATERAL LOAD RESISTING SYSTEM, THE HORIZONTAL DAMPBRAKES, DISTRIBUTED LATERAL WALLS AND/OR SEISMIC FORCES HORIZONTALLY TO THE VERTICAL LATERAL LOAD RESISTING SYSTEM.

STAIR, HANDRAILS, RESTROOM ACCESSORIES AND GUARDRAIL SPECIFICATIONS

- 1. ALL STAIRS, GUARDRAILS AND HANDRAILS SHALL BE DESIGNED BY A REGISTERED STRUCTURAL ENGINEER BASED ON THE FOLLOWING DESIGN CRITERIA:
a. STAIRS
b. STAIR STRINGERS, TREADS AND RISERS SHALL BE DESIGNED TO SUPPORT 100 PSF LIVE LOAD.
c. INDIVIDUAL STAIR TREADS SHALL BE DESIGNED TO SUPPORT A 300 LB CONCENTRATED LOAD PLACED IN A POSITION THAT WOULD CAUSE THE MAX STRESS.

DRAWING INTERPRETATION

- 1. DRAWING VIEWS LABELED AS FOLLOWS:
a. PARTIAL PLAN, ELEVATIONS, SECTIONS, DETAIL OR SCHEDULES LABELED WITH 'TYPICAL' AT THE BEGINNING OF THEIR TITLE SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THE THOSE SPECIFICALLY SHOWN...

REINFORCING STEEL - 03 20 00

- 1. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL CONFORM TO THE RECOMMENDATIONS OF THE ACI DETAILING MANUAL, ACI 315 AND 318 (ACI) DETAILING HANDBOOK.
2. CONCRETE REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, WITH SUPPLEMENTARY REQUIREMENTS.
3. COMPLETE REINFORCING PLACEMENT DRAWINGS PREPARED IN ACCORDANCE WITH ACI 315 SHALL BE REVIEWED BY THE ENGINEER AND AVAILABLE ON THE JOB SITE PRIOR TO BEGINNING THE PLACING OF CONCRETE.

Logo for Renovation Wranglers and Architect of Record: LKB Architecture. Includes contact information for Katelyn Ezarion and Sharee Alike.

Logo for Dudley and AME Engineers. Includes contact information for Dudley and AME Engineers.

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Date: 04.16.2022

Description: Progress Set

Logo for OpeningDesign and Architect: OpeningDesign. Includes contact information for OpeningDesign.

RENOVATION
Wranglers
Engineers

Owner: Renovation Wranglers
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DUDDLEY

Structural: Dudley
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College Station, TX 77845
(979) 777-0720

amc
ENGINEERS

MEP: AMC Engineers
508 E Jackson St # 552
Bumet, TX 78611
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STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS & TESTING

- SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS. (SEE IBC CHAPTER 17).
- THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL. DUDLEY ENGINEERING CAN BE SOUGHT TO PROVIDE SPECIAL INSPECTIONS. WE RECOMMEND THAT THE PROJECT GEOLOGICAL ENGINEER BE SOUGHT TO PROVIDE SPECIAL INSPECTIONS FOR THE SOILS AND TESTING FOR THE SOIL AND CONCRETE.
- DATES OF THE SPECIAL INSPECTION:
 - THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED BELOW FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE IBC.
 - THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE EOR, CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF INCORRECTED, TO THE EOR AND THE BUILDING OFFICIAL.
 - ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.
- DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:
 - THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED WITHIN THIS STATEMENT OF SPECIAL INSPECTIONS.
 - THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
 - ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.
- PLEASE SEE THE SPECIAL INSPECTION SCHEDULE FOR THE TYPES, DUTIES AND FREQUENCY OF SPECIAL ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.
- REFER TO ARCHITECTURAL AND/OR MEP DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIRED. DUDLEY ENGINEERING HAS LISTED THE STRUCTURAL SPECIAL INSPECTIONS AND TESTING.

WIND-RESISTING COMPONENTS (1705.1.3)

- PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS:
- ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS.
 - EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.

REQUIRED VERIFICATION AND INSPECTION OF GRADING AND DRAINAGE FOR FOUNDATIONS ON EXPANSIVE SOILS	CONTINUOUS	PERIODIC	REQUIRED
AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, FINAL GRADES SHALL BE VERIFIED TO DOCUMENT REQUIRED DRAINAGE.	-	X	YES
AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, DOWNPOUNTS SHALL BE INSPECTED TO CONFIRM CONFORMANCE.	-	X	YES
GRADES AROUND THE STRUCTURE SHALL BE PERIODICALLY INSPECTED AND ADJUSTED AS PART OF THE BUILDING'S MAINTENANCE PROGRAM.	-	X	YES
PLUMBING LEAK "HYDROSTATIC" TEST PERFORMED BY A LICENSED PLUMBER. TEST TO OCCUR AFTER ROUGH PLUMBING INSTALL.	-	X	YES
WHERE PAVING/FLATWORK ABOUT THE FOUNDATION, A MAINTENANCE PROGRAM SHALL BE ESTABLISHED TO EFFECTIVELY SEAL AND MAINTAIN JOINTS AND PREVENT SURFACE WATER INFILTRATION.	-	X	YES

REQUIRED VERIFICATION AND INSPECTION OF SOILS (TABLE 1705.4)	CONTINUOUS	PERIODIC	REQUIRED
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	YES
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS.	-	X	YES
PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIALS.	-	X	YES
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	YES
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THE SITE HAS BEEN PREPARED PROPERLY.	-	X	YES

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION (§1705.5)	CONTINUOUS	PERIODIC	REQUIRED
PREFABRICATED WOOD STRUCTURAL ELEMENTS (METAL PLATE CONNECTED WOOD TRUSSES FABRICATION AND IMPERMEATION PROCEDURES) (NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION)	-	X	YES
HIGH-LOAD DIAPHRAGMS <ol style="list-style-type: none"> INSPECT GRADE AND THICKNESS OF WOOD STRUCTURAL PANEL SHEATHING. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED BUILDING PLANS. 	-	X	NO
METAL PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FT OR GREATER <ol style="list-style-type: none"> VERIFY THAT TEMPORARY INSTALLATION RESTRAINT BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE. 	-	X	NO
INSPECTION OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING COMPONENTS WITHIN THE SEISMIC / MAIN WIND FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRIPS, BRACES, SHEAR WALLS AND HOLD-DOWNS.	-	X	YES
MOISTURE CONTENT OF LOAD BEARING WOOD FRAMING. <ul style="list-style-type: none"> MOISTURE CONTENT JUST PRIOR TO INSTALLING SHEET ROCK SHOULD BE AT OR BELOW 16%. SPECIAL ATTENTION SHALL BE PAID TO MEMBERS ORIENTED WITH THEIR VERTICAL AXIS PERPENDICULAR TO THE VERTICAL PLANE (PLATES, JOISTS, TRUSS CHORDS, ETC.). 	-	X	YES

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION (§1705.2.1)	CONTINUOUS	PERIODIC	REQUIRED
STRUCTURAL STEEL - GENERAL			
THE SPECIAL INSPECTOR SHALL INSPECT THE FABRICATED OR ERECTED STEEL FRAME, AS APPROPRIATE, TO VERIFY COMPLIANCE WITH THE DETAIL SHOWN ON THE CONSTRUCTION DOCUMENTS SUCH AS BRACES, STIFFENERS, MEMBER LOCATIONS AND PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION.			
STRUCTURAL STEEL - ANCHOR RODS / EMBED PLATES			
THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENT SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS, AS A MINIMUM, THE DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR RODS OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE, SHALL BE VERIFIED PRIOR TO PLACEMENT OF CONCRETE.			

REQUIRED VERIFICATION AND INSPECTION OF WELDED JOINTS	CONTINUOUS	PERIODIC	REQUIRED
INSPECTION TASKS PRIOR TO WELDING (ASCC 340 TABLE NS 4-1)			
WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE	X	-	YES
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	-	YES
MATERIAL IDENTIFICATION (MPE / GRADE)	-	X	YES
WELDER IDENTIFICATION SYSTEM	-	X	YES
FIT-UP GROOVE WELDS	-	X	NO
CONFIGURATION AND FINISH OF ACCESS HOLES	-	X	NO
FIT-UP FILLET WELDS	-	X	YES
CHECK WELDING EQUIPMENT	-	X	YES
INSPECTION TASKS DURING WELDING (ASCC 340 TABLE NS 4-2)			
USE OF QUALIFIED WELDERS	-	X	YES
CONTROL AND HANDLING OF WELDING CONSUMABLES	-	X	YES
NO WELDING OVER CRACKED TACK WELDS	-	X	YES
ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE)	-	X	YES
WPS FOLLOWED <ul style="list-style-type: none"> SETTINGS ON WELDING EQUIPMENT BACKLAP SELECTED WELDING MATERIALS SHIELDING GAS TYPE / FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURE MONITORED (MINI MARK) PRESET CORRECTION (E, V, H, CH) 	-	X	YES
WELDING TECHNIQUES <ul style="list-style-type: none"> INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE DIMENSIONS EACH PASS MEET QUALITY REQUIREMENTS 	-	X	YES
WELDS CLEANED	-	X	YES
SIZE, LENGTH AND LOCATION OF WELDS	X	-	YES
WELDS MEET VISUAL ACCEPTANCE CRITERIA <ul style="list-style-type: none"> CRACK PROHIBITION WELD / BASE-METAL FUSION CENTER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY 	X	-	YES
ARC STRIKES	X	-	YES
I-W AREA	X	-	YES
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	-	YES
REPAIR ACTIVITIES	X	-	YES
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER	X	-	YES
	X	-	YES

NON-DESTRUCTIVE TESTING OF WELDED JOINTS	CONTINUOUS	PERIODIC	REQUIRED
FILLET WELDS:			
MT TEST A MINIMUM OF 10% OF THE LENGTH OF EACH FILLET WELD EXCEEDING 5/16"	-	X	YES
PERIODIC MT TESTING OF REPRESENTATIVE FILLET WELDS 5/16" AND LESS BUT NEED NOT EXCEED 10% OF ALL SUCH WELDS, EXCEPT AS REQUIRED FOR HIGH REJECTION RATES AS INDICATED IN THE FOLLOWING PARAGRAPH.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS.	X	-	YES
PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS			
MT TEST A MINIMUM OF 25% OF THE LENGTH OF EACH PJP WELD EXCEEDING 5/16" EFFECTIVE THROAT.	-	X	YES
PERIODIC MT TESTING OF REPRESENTATIVE PJP WELDS 5/16" AND LESS BUT NEED NOT EXCEED 10% OF ALL SUCH WELDS, EXCEPT AS REQUIRED FOR HIGH REJECTION RATES AS INDICATED IN THE FOLLOWING PARAGRAPH.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS.	X	-	YES
COMPLETE JOINT PENETRATION (CJP) WELDS			
ALL CJP WELDS EXCEEDING 5/16" THICKNESS SHALL BE 100% UT TESTED PER AWS D1.1 CLAUSE 6 PART 1. THE TESTING LABORATORY SHALL REVIEW THE CJP JOINTS TO DETERMINE WHERE GROWTH OR ACCESSIBILITY PRECLUDED THE USE OF STANDARD SCANNING PATTERNING PER AWS D1.1 CLAUSE 6 PART 1. AT THESE LOCATIONS THE TESTING LABORATORY SHALL DEVELOP AND SUBMIT FOR APPROVAL A WRITTEN TESTING PROCEDURE IN ACCORDANCE WITH AWS D1.1 ANNEX E.	X	-	YES
PERIODIC MT TESTING OF REPRESENTATIVE CJP WELDS 5/16" AND LESS NOT TO EXCEED 10% OF ALL SUCH WELDS.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS.	X	-	YES

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT)	CONTINUOUS	PERIODIC	REQUIRED
TURN-OF-NUT PRETENSIONING: THE INSPECTOR SHALL OBSERVE THE PRE-INSTALLATION VERIFICATION TESTING REQUIRED IN SECTION 8.2. SUBSEQUENTLY, IT SHALL BE ENSURED BY ROUTINE OBSERVATION THAT THE BOLTING CREW PROPERLY ROTATES THE TURNED ELEMENT RELATIVE TO THE UNTURNED ELEMENT BY THE AMOUNT SPECIFIED IN TABLE 8.2. AS A RESULT, WHEN FASTENERS ASSEMBLED, THE MATCH-CHARACTER AFTER THE FINAL FIT-UP OF THE JOINT BUT PRIOR TO PRETENSIONING, VISUAL INSPECTION AFTER PRETENSIONING IS PERMITTED IN LIEU OF ROUTINE OBSERVATION. NO FURTHER EVIDENCE OF CONFORMITY IS REQUIRED. A PRETENSION THAT IS GREATER THAN THE VALUE SPECIFIED IN TABLE 8.1 SHALL NOT BE CAUSE FOR REJECTION. A ROTATION THAT EXCEEDS THE REQUIRED VALUES, INCLUDING TOLERANCE, SPECIFIED IN TABLE 8.2 SHALL NOT BE CAUSE FOR REJECTION.			
TABLE 8.2: NUT ROTATION FROM SNUG-TIGHT CONDITION FOR TURN-OF-NUT PRETENSIONING			
BOLT LENGTH	DISPOSITION OF OUTER FACES OF BOLTED PARTS		
	BOTH FACES NORMAL TO BOLT AXIS	ONE FACE NORMAL TO BOLT AXIS, OTHER SLOPED NOT MORE THAN 1:20	BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO BOLT AXIS
LENGTH ≤ 4d	1/2 TURN	1/2 TURN	2/3 TURN
4d < LENGTH ≤ 8d	1/2 TURN	2/3 TURN	5/8 TURN
8d < LENGTH ≤ 12d	2/3 TURN	5/8 TURN	1 TURN
<ol style="list-style-type: none"> NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. FOR ALL REQUIRED ROTATIONS, THE TOLERANCE IS PLUS OR MINUS 0.1°. APPLICABLE TO JOINTS IN WHICH ALL MATERIAL WITHIN THE GRIP IS STEEL. 			

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING	CONTINUOUS	PERIODIC	REQUIRED
VERIFICATION AND INSPECTION			
DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	-	X	YES

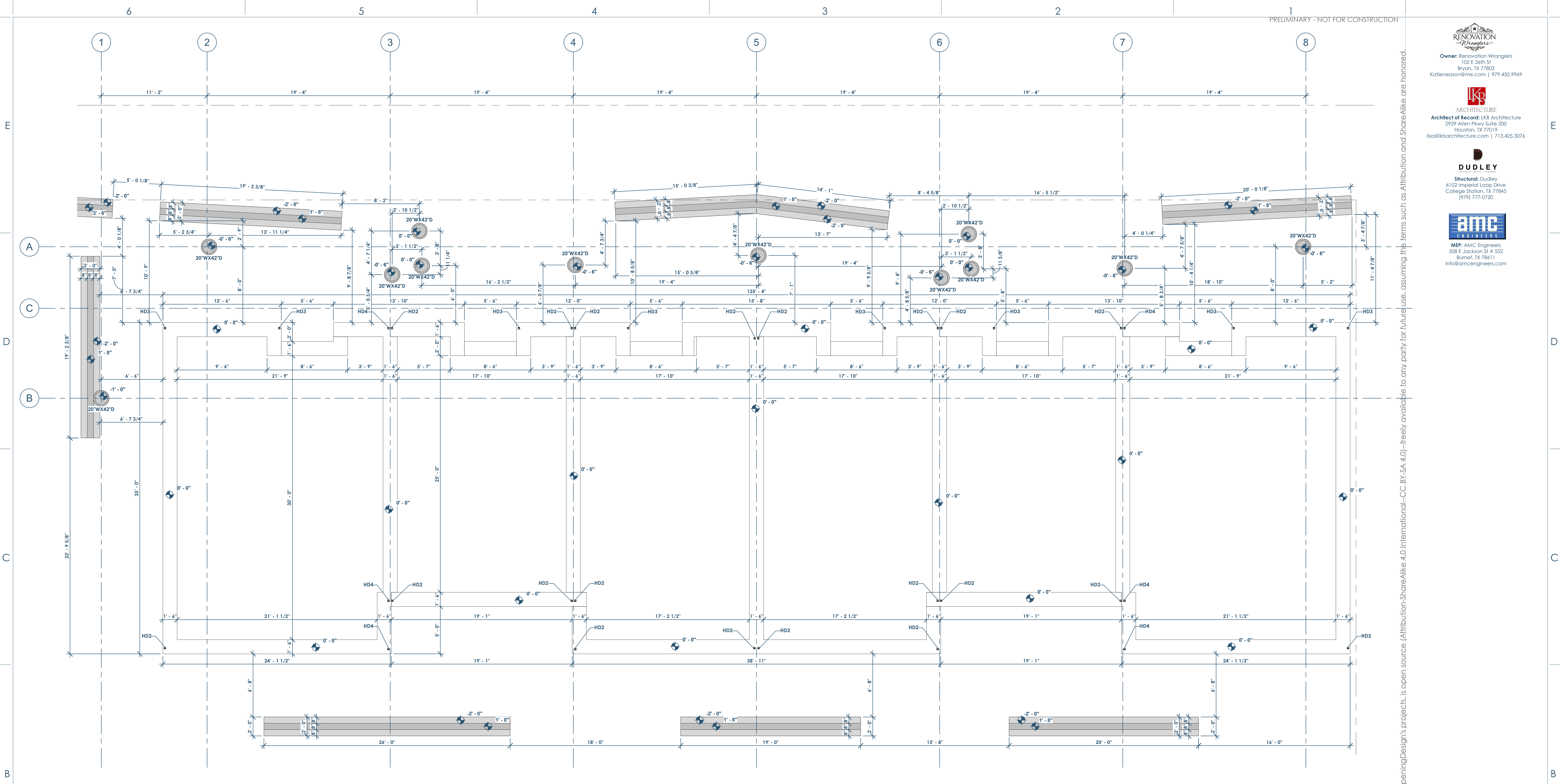
STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS DURING BOLTING	CONTINUOUS	PERIODIC	REQUIRED
VERIFICATION AND INSPECTION			
DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	-	X	YES

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openingdesign

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Date	Description
04.16.2022	Progress Set



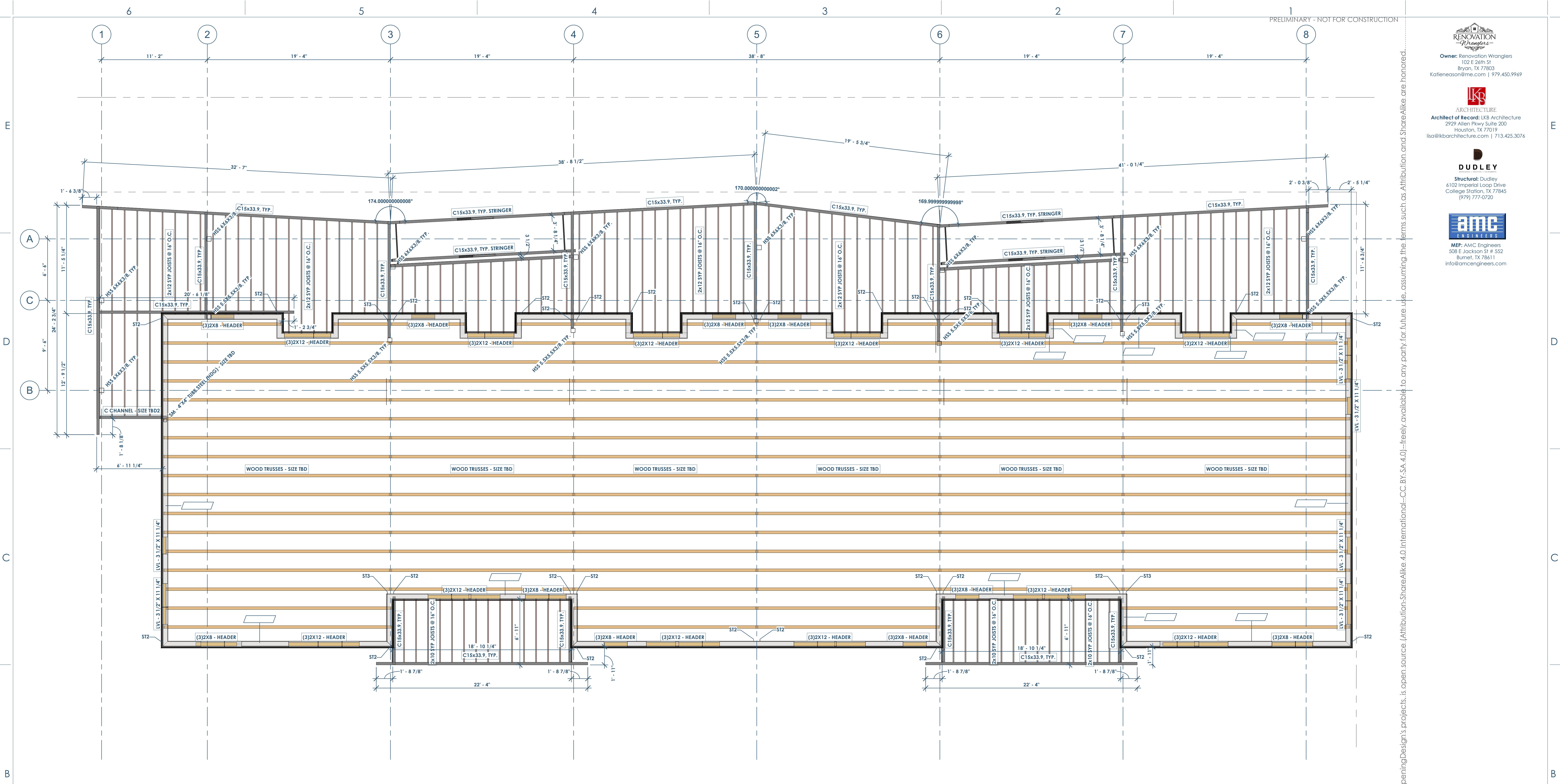
68 STRUCTURAL - FOUNDATION
 S100 1/4" = 1'-0"

SHEARWALL HOLDDOWN AT FOUNDATION							
TYPE MARK	TYPE	HARDWARE	Count	END POST	ATTACHMENT TO END POST	ANCHORAGE TO FOUNDATION	CAPACITY
HD2	POST-INSTALLED HOLDDOWN	SIMPSON HTS	20		(20) 0.148 X 3 NAILS	5/8" DIA. GR.36 ALL-THREAD WITH 8" EMBEDMENT WITH NUT AND WASHER	4470
HD3	POST-INSTALLED HOLDDOWN	SIMPSON HD18-SDS2.5	8		(20) 1/4" X 2 1/2" SDS SCREWS	7/8" DIA. GR.36 ALL-THREAD WITH 17 1/2" EMBEDMENT WITH NUT AND WASHER	4200
HD4	POST-INSTALLED HOLDDOWN	SIMPSON HDU14-SDS2.5	6		(36) 1/4" X 2 1/2" SDS SCREWS	1" DIA. GR.36 ANCHOR ROD WITH 18" EMBEDMENT	10000

SHEARWALL HOLDDOWNS AT ELEVATED FLOOR						
TYPE MARK	HOLDDOWN HARDWARE	Count	END LENGTH (IN)	FASTENERS	END POST	ALLOWABLE TENSION LOAD (LBF)
ST1	(1) SIMPSON CS18	34	12"	(11) 0.131 X 2 1/2" NAILS	(2) -2X	1,370
ST2	(2) SIMPSON CS18	30	12"	(11) 0.131 X 2 1/2" NAILS	(2) -2X	2740
ST3	(2) SIMPSON CS14	4	19"	(18) 0.131 X 2 1/2" NAILS	(3) -2X	4980

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Date	Description
04.16.2022	Progress Set

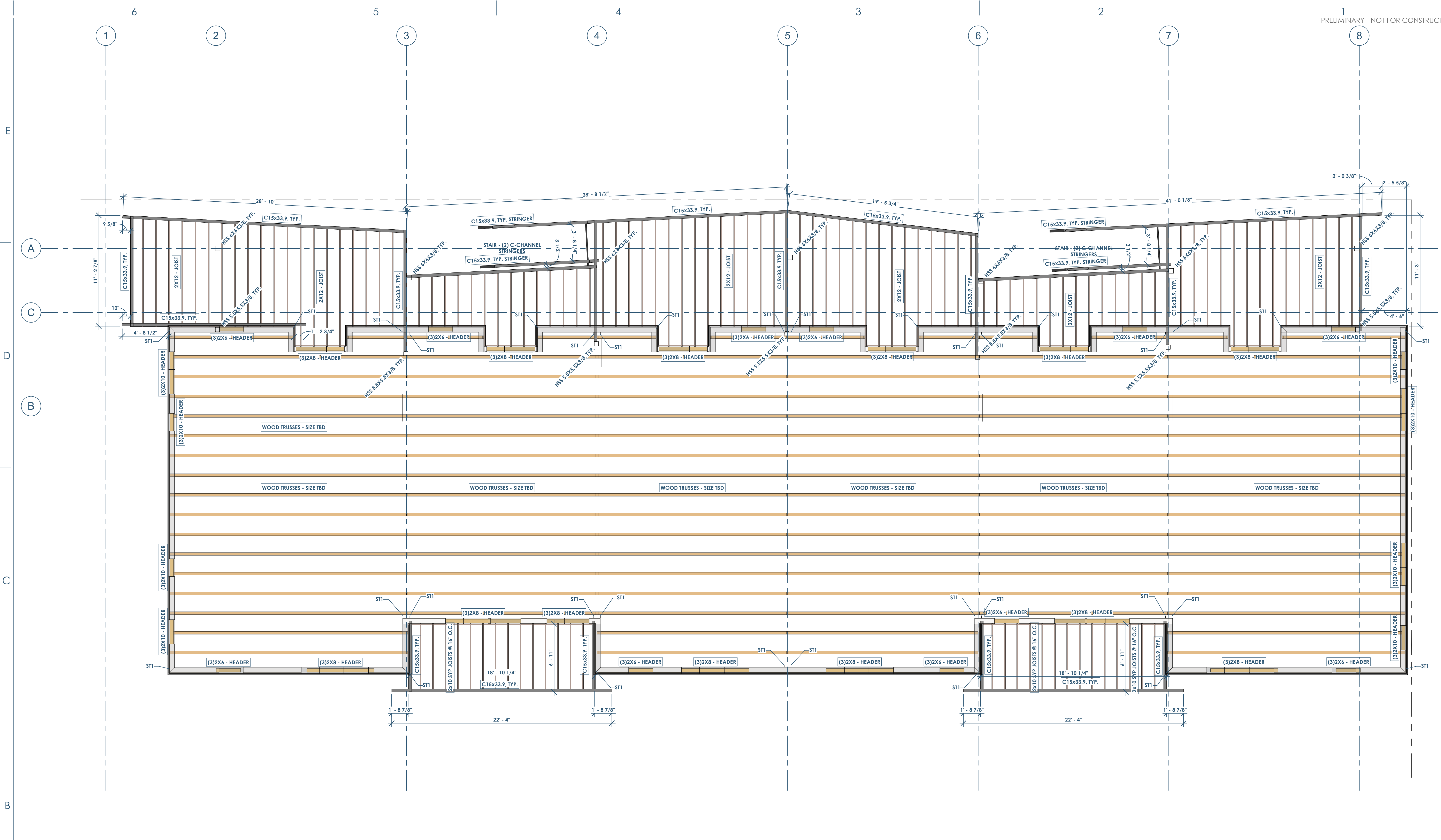


48
S101 FRAMING PLAN - 2ND FLOOR
 1/4" = 1'-0"

SHEARWALL HOLDDOWNS AT ELEVATED FLOOR						
TYPE MARK	HOLDDOWN HARDWARE	Count	END LENGTH (IN)	FASTENERS	END POST	ALLOWABLE TENSION LOAD (LBF)
ST1	(1) SIMPSON CS18	34	12"	(11) Ø.131 x 2 1/2" NAILS	(2) - 2X	1,370
ST2	(2) SIMPSON CS18	30	12"	(11) Ø.131 x 2 1/2" NAILS	(2) - 2X	2740
ST3	(2) SIMPSON CS14	4	19"	(18) Ø.131 x 2 1/2" NAILS	(3) - 2X	4980

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Date	Description
04.16.2022	Progress Set



68
S102
FRAMING PLAN - 3RD FLOOR
1/4" = 1'-0"

SHEARWALL HOLDDOWNS AT ELEVATED FLOOR						
TYPE MARK	HOLDDOWN HARDWARE	Count	END LENGTH (IN)	FASTENERS	END POST	ALLOWABLE TENSION LOAD (LBF)
ST1	(1) SIMPSON C518	34	12"	(11) 0.131 x 2 1/2" NAILS	(2) - 2X	1,370
ST2	(2) SIMPSON C518	30	12"	(11) 0.131 x 2 1/2" NAILS	(2) - 2X	2740
ST3	(2) SIMPSON C514	4	19"	(18) 0.131 x 2 1/2" NAILS	(3) - 2X	4980

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Date	Description
04.16.2022	Progress Set

RENOVATION
Druggers
 ENGINEERS

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LKB
 ARCHITECTURE

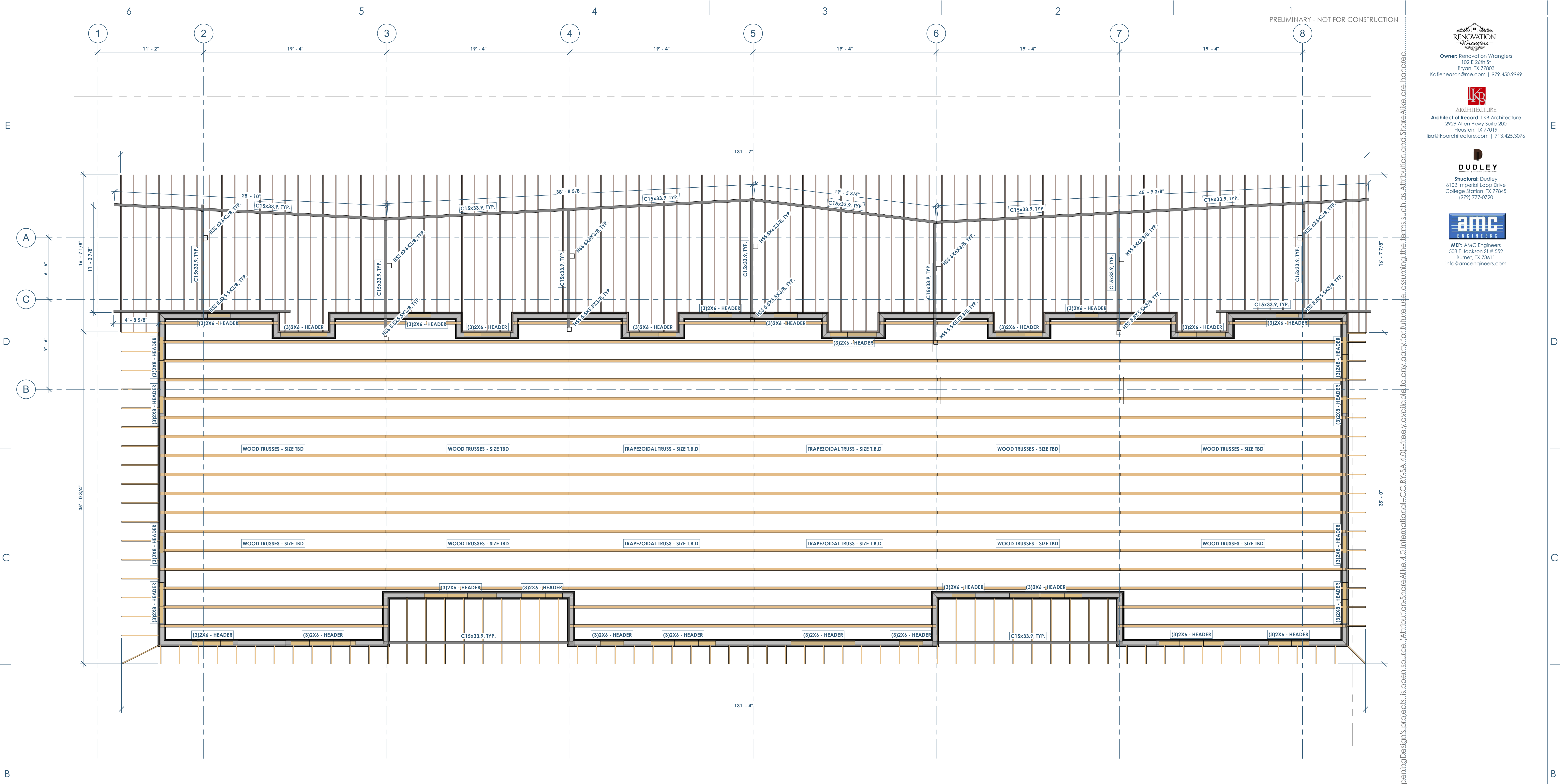
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DUDLEY

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6B
 5103
 FRAMING PLAN - ROOF
 1/4" = 1'-0"

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Date	Description
04.16.2022	Progress Set

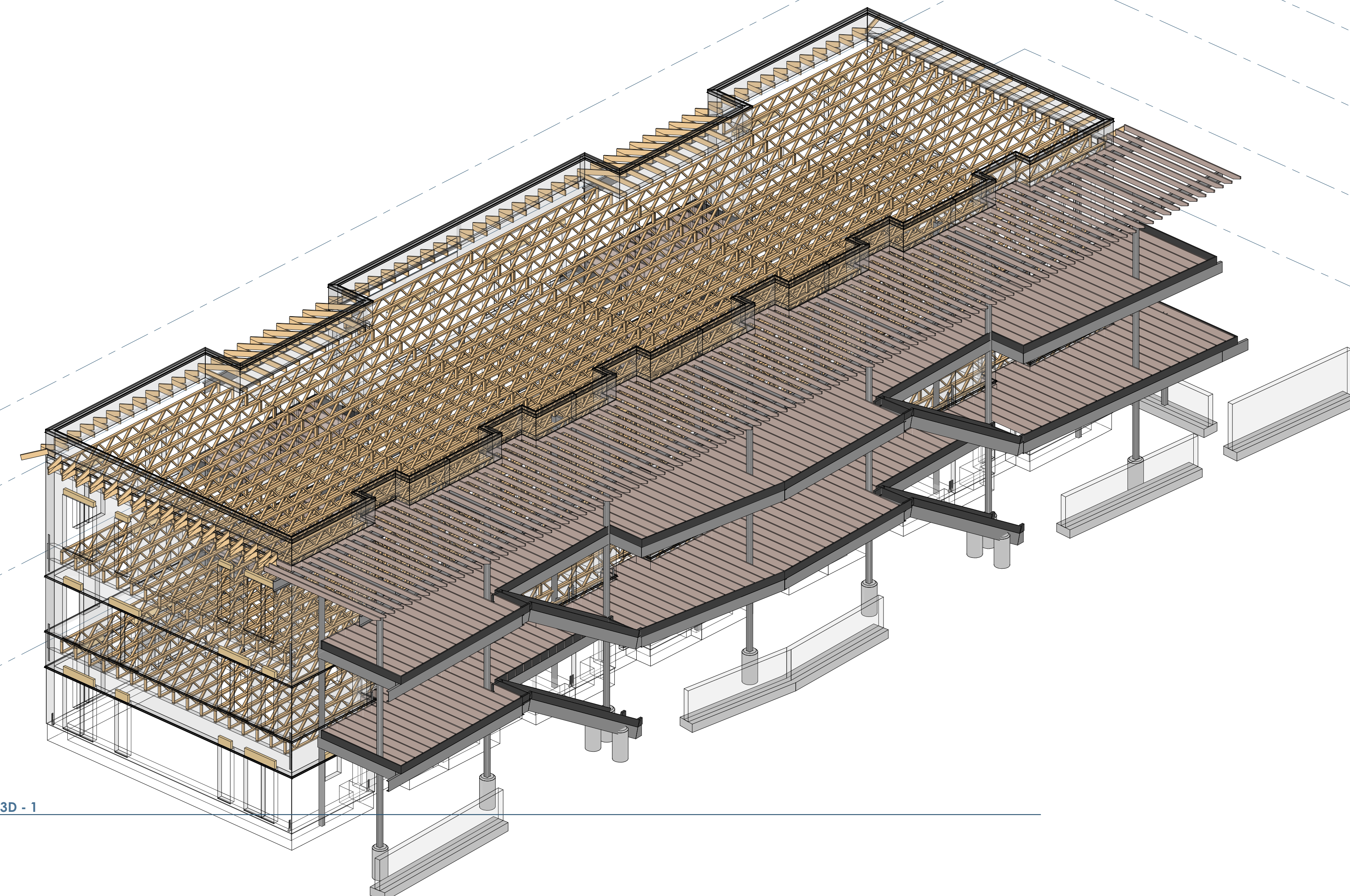
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RENOVATION Wranglers
 Owner: Renovation Wranglers
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 kate@renovations.com | 979.450.9969

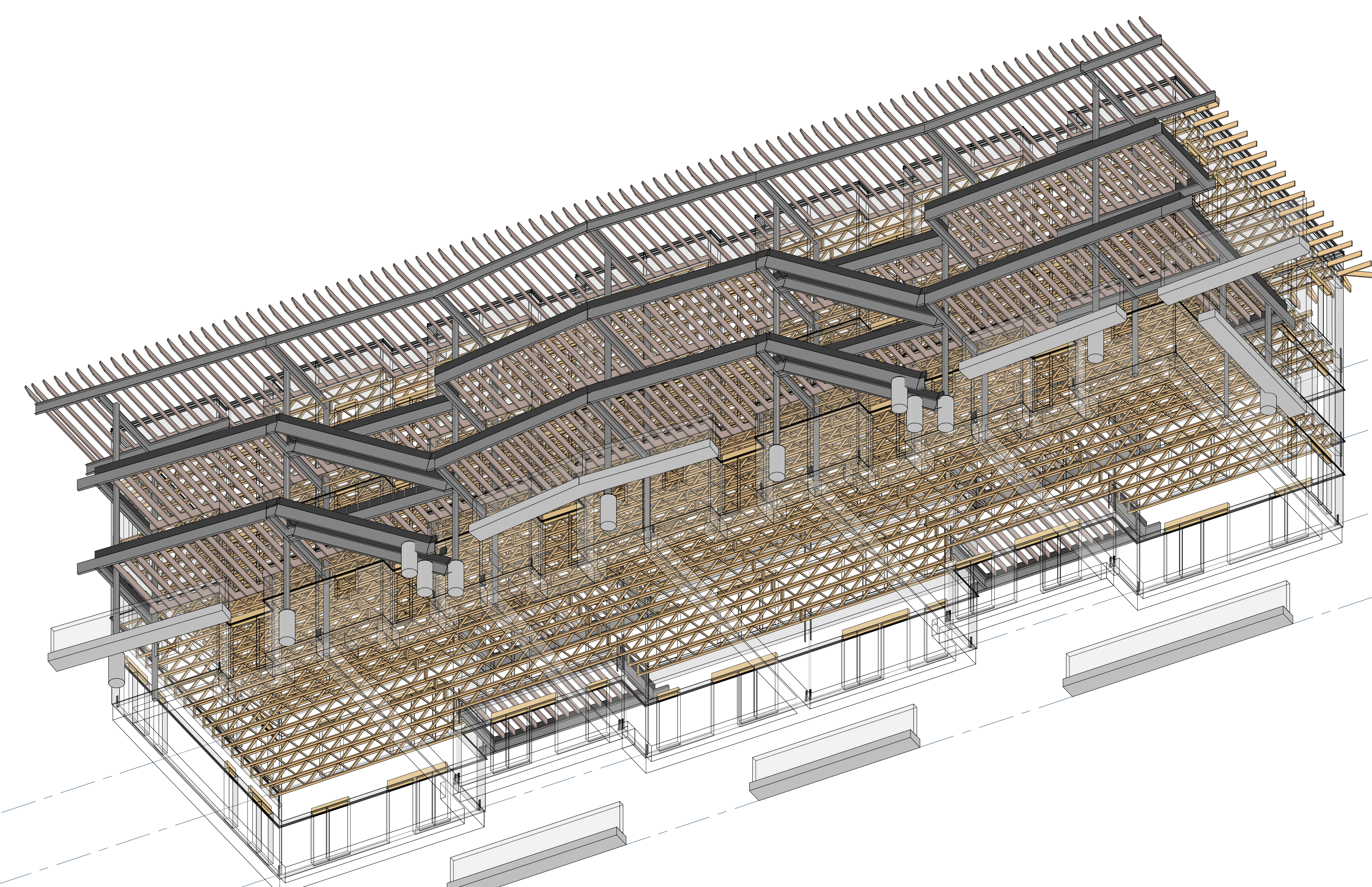
LKB ARCHITECTURE
 Architect of Record: LKB Architecture
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 Houston, TX 77019
 isa@lkbarchitecture.com | 713.425.3076

DUDLEY
 Structural: Dudley
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6C S900 STRUCTURAL FRAMING - 3D - 1



4A S900 STRUCTURAL FRAMING - 3D - 2

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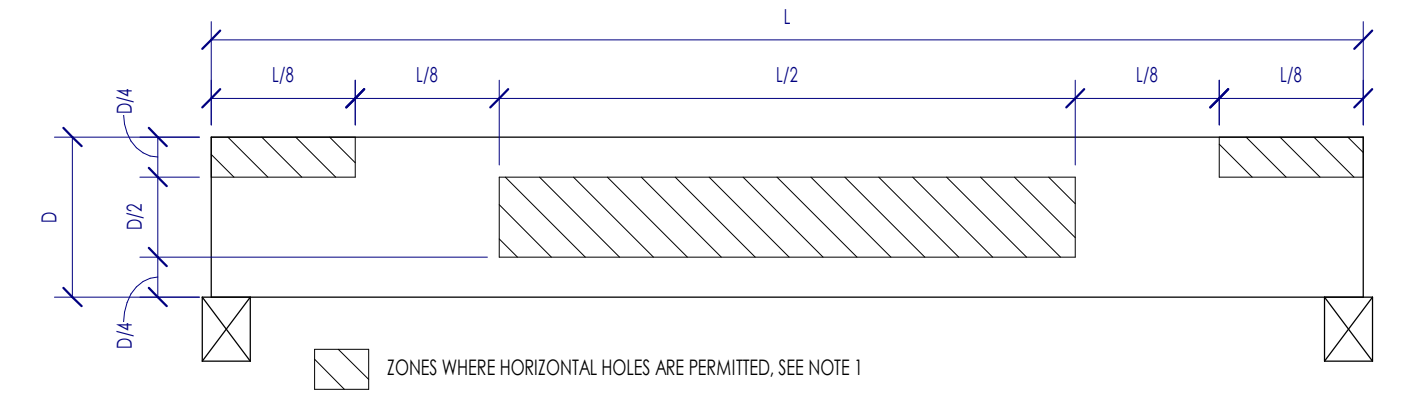
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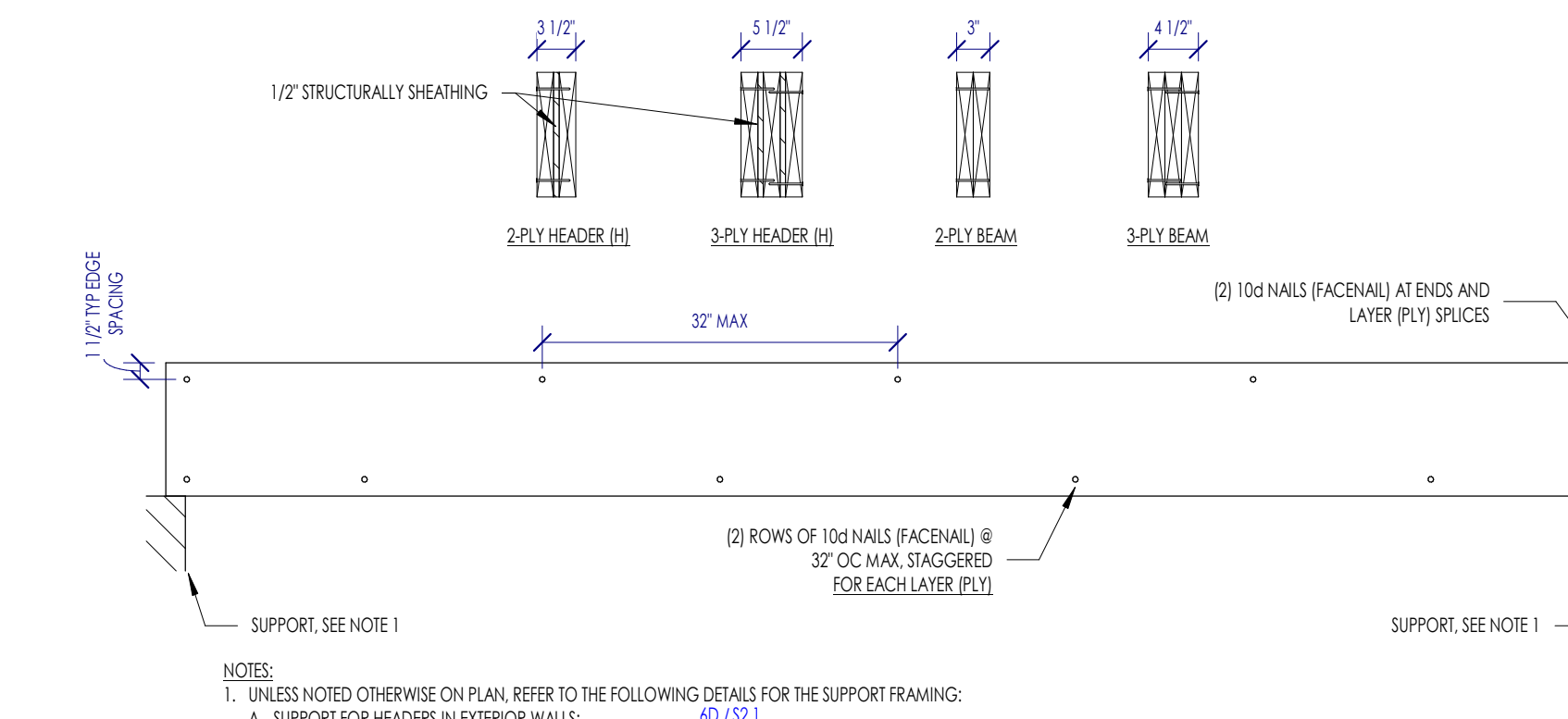
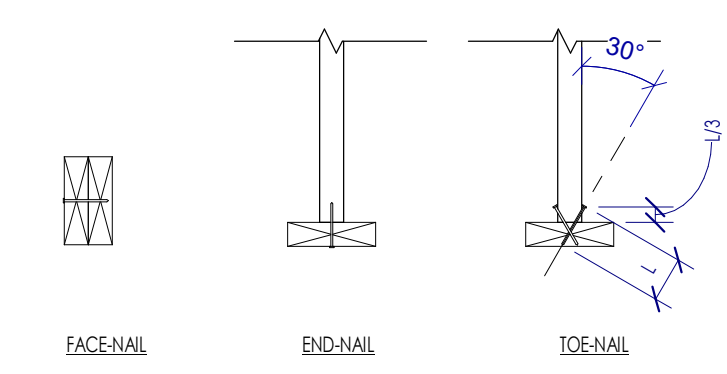
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TYPICAL FASTENING SCHEDULE			
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO RILL OR GIRDER	(2) - 0.131"Ø X 3"	TORNAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 3" NAILS @ 12" OC NAILS	FACE NAIL
3	TOP PLATE TO STUD	(3) - 0.131"Ø X 3" NAILS	END NAIL
4	STUD TO SOLE PLATE - OPTION 1	(2) - 1/4" COMMON (2) - 0.131"Ø X 3" NAILS	END NAIL
5	STUD TO SOLE PLATE - OPTION 2	(4) 0.131"Ø X 3" NAILS	TORNAIL
6	DOUBLE/MULTIPLE STUDS	REFERENCE DETAIL 3C/32.1	FACE NAIL
7	DOUBLE TOP PLATES	0.131"Ø X 3" NAILS @ 12" OC	FACE NAIL
8	DOUBLE TOP PLATE SPICE	REFERENCE DETAIL 3B/32.1	FACE NAIL
9	BLOCKING BETWEEN JOISTS/RIFTERS TO TOP PLATE	(3) - 0.131"Ø X 3" NAILS	TORNAIL
10	RIM JOIST TO TOP PLATE	0.131"Ø X 3" NAILS @ 6" OC	TORNAIL
11	CeILING JOIST TO TOP PLATE	(3) - 0.131"Ø X 3" NAILS	TORNAIL
12	CeILING JOIST LAP OVER PARTITION	(4) - 0.131"Ø X 3" NAILS	FACE NAIL
13	CeILING JOIST TO PARALLEL RAFTERS	(4) - 0.131"Ø X 3" NAILS	FACE NAIL
14	RAFTER TO TOP PLATE	(3) - 0.131"Ø X 3" NAILS	TORNAIL
15	BUILT-UP CORNER STUDS	0.131"Ø X 3" NAILS @ 14" OC	FACE NAIL
16	BUILT-UP BEAMS	REFERENCE DETAIL 20/32.0	FACE NAIL
17	COLLAR TIE TO RAFTER	(4) - 0.131"Ø X 3" NAILS	FACE NAIL
18	JACK RAFTER TO HP	(4) - 0.131"Ø X 3" NAILS	TORNAIL
19	RAFTER TO RIDGE BOARD/BEAM	(3) - 0.131"Ø X 3" NAILS	TORNAIL
20	BLOCKING AT STUDS	(3) - 0.131"Ø X 3" NAILS EACH SIDE	TORNAIL



NOTES:
 1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/16" OR D/10, WHICHEVER IS SMALLEST.
 2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.
 3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY LOADED GLE LAMINATED BEAMS. FOR BEAMS THAT ARE EITHER CONTINUOUS ACROSS MULTIPLE SPANS OR THAT ARE SUPPORTING NON-UNIFORM LOADS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.

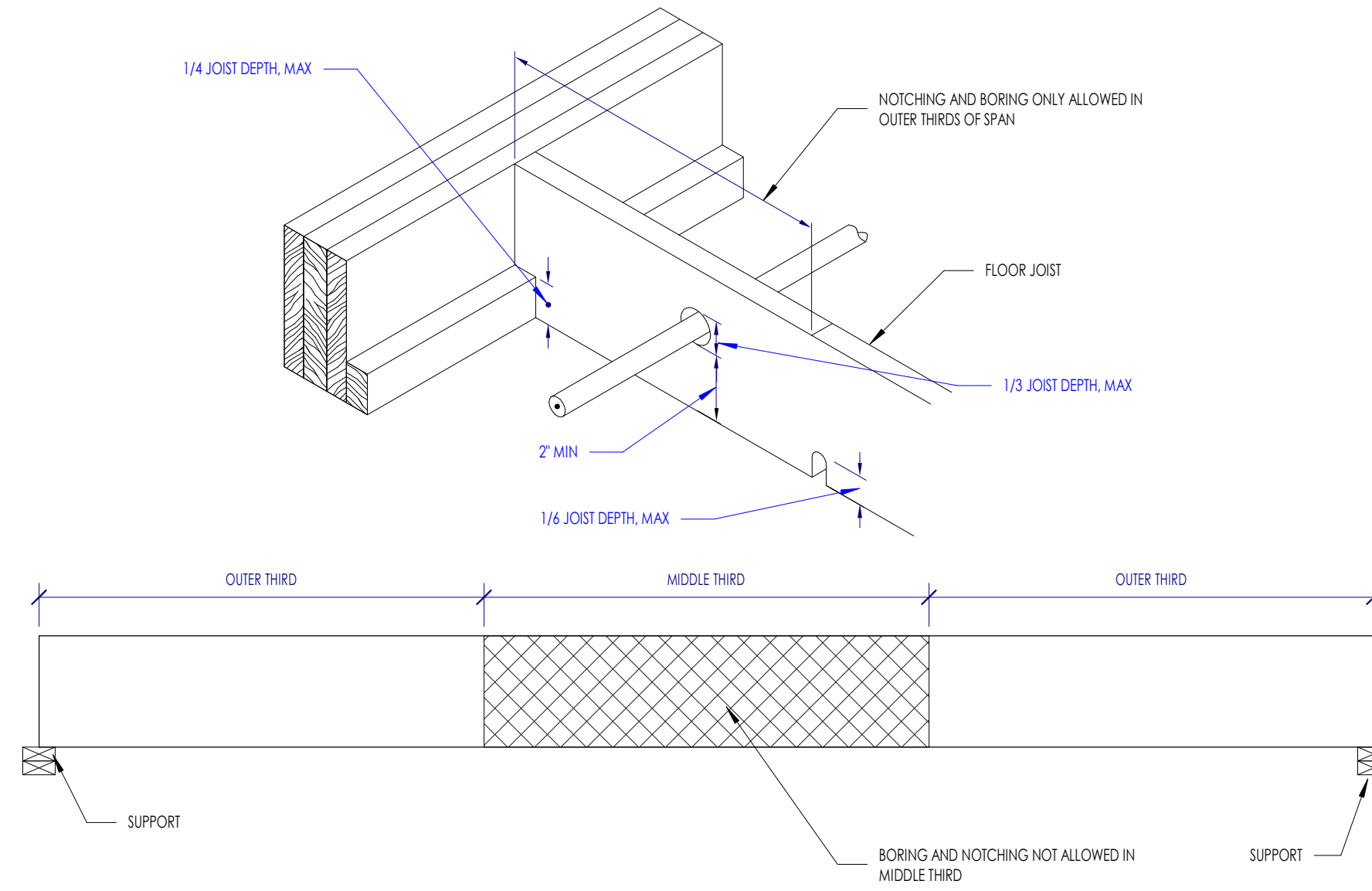


4D S2.0 TYPICAL WOOD FASTENING SCHEDULE
 3/4" = 1'-0"

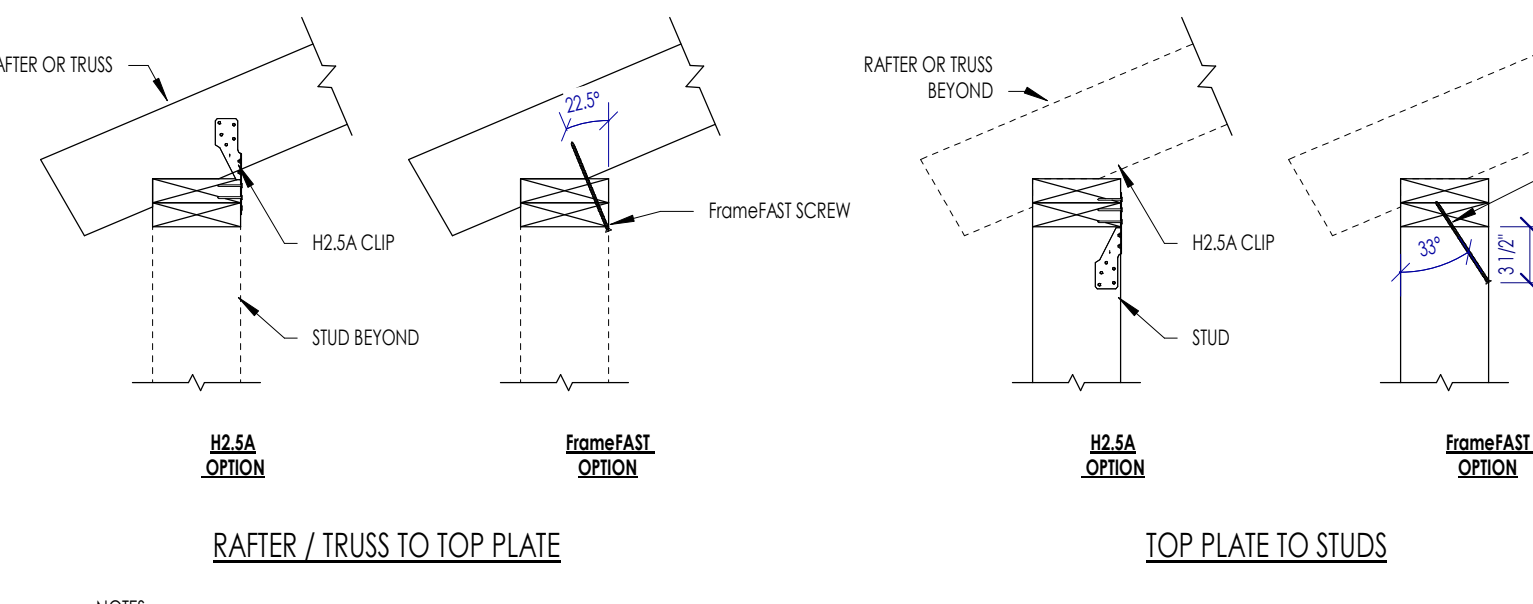
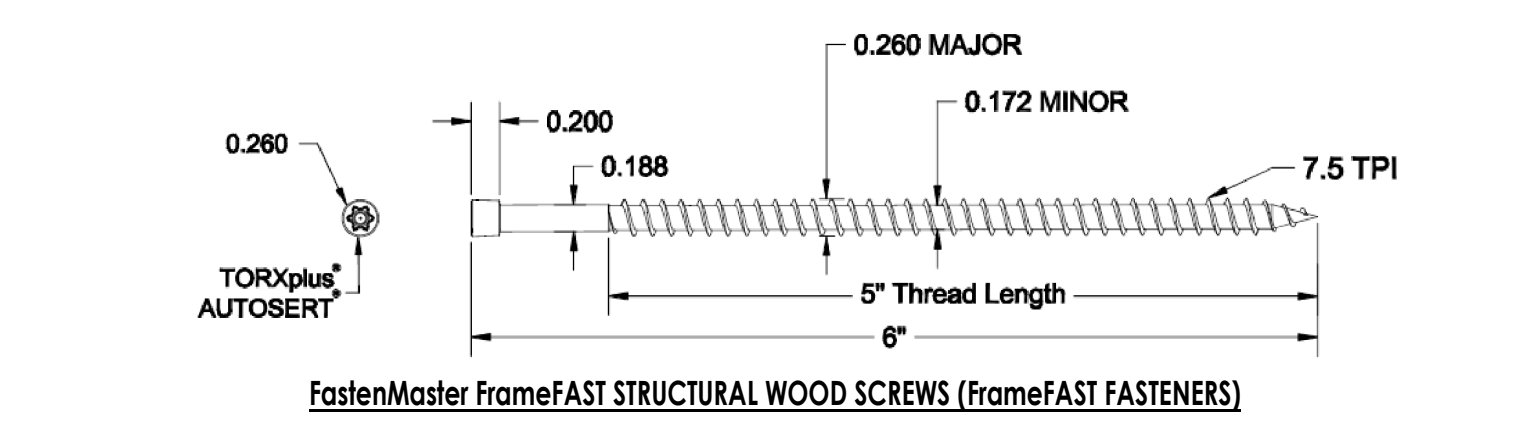
5D S2.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS
 1/2" = 1'-0"

3D S2.0 TYPICAL NAILING CONFIGURATIONS
 1" = 1'-0"

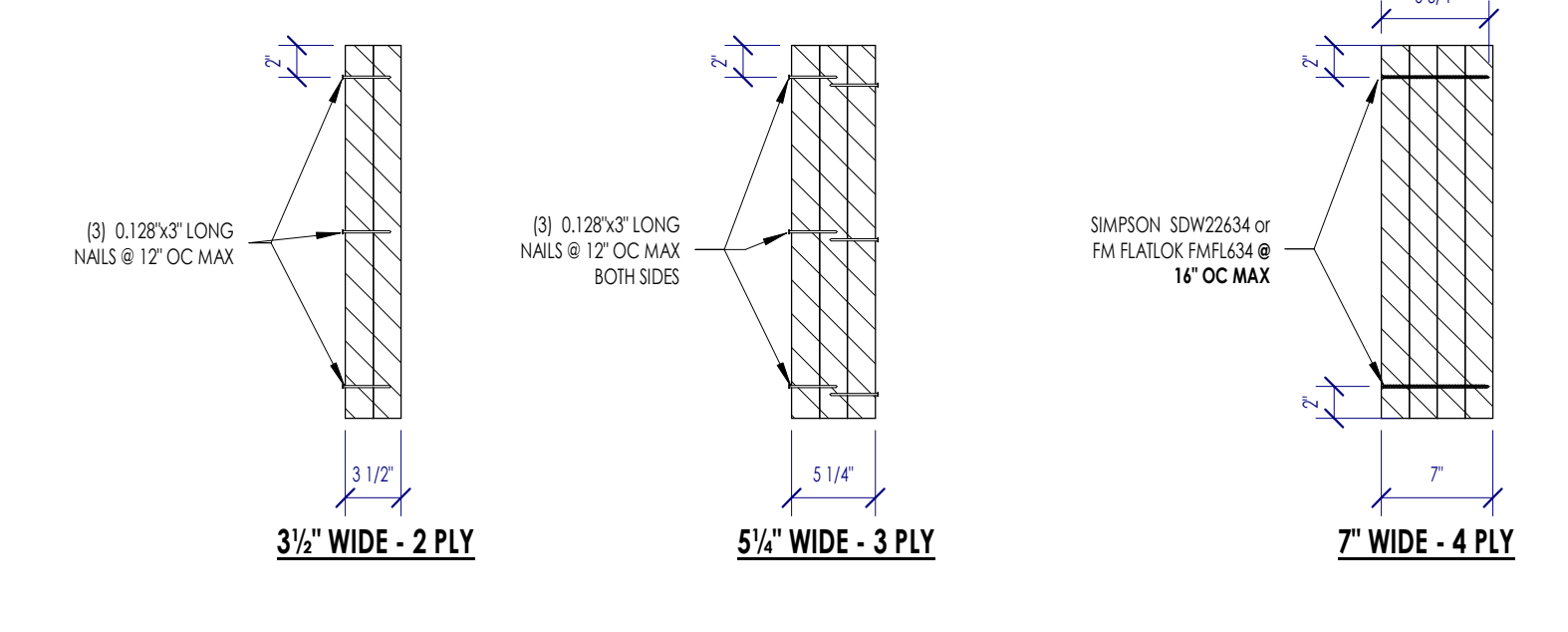
2D S2.0 TYPICAL NAILING BUILT UP BEAMS, GIRDERS & HEADERS
 3/4" = 1'-0"



6C S2.0 ALLOWABLE NOTCHING AND BORING OF FLOOR JOISTS
 3/4" = 1'-0"



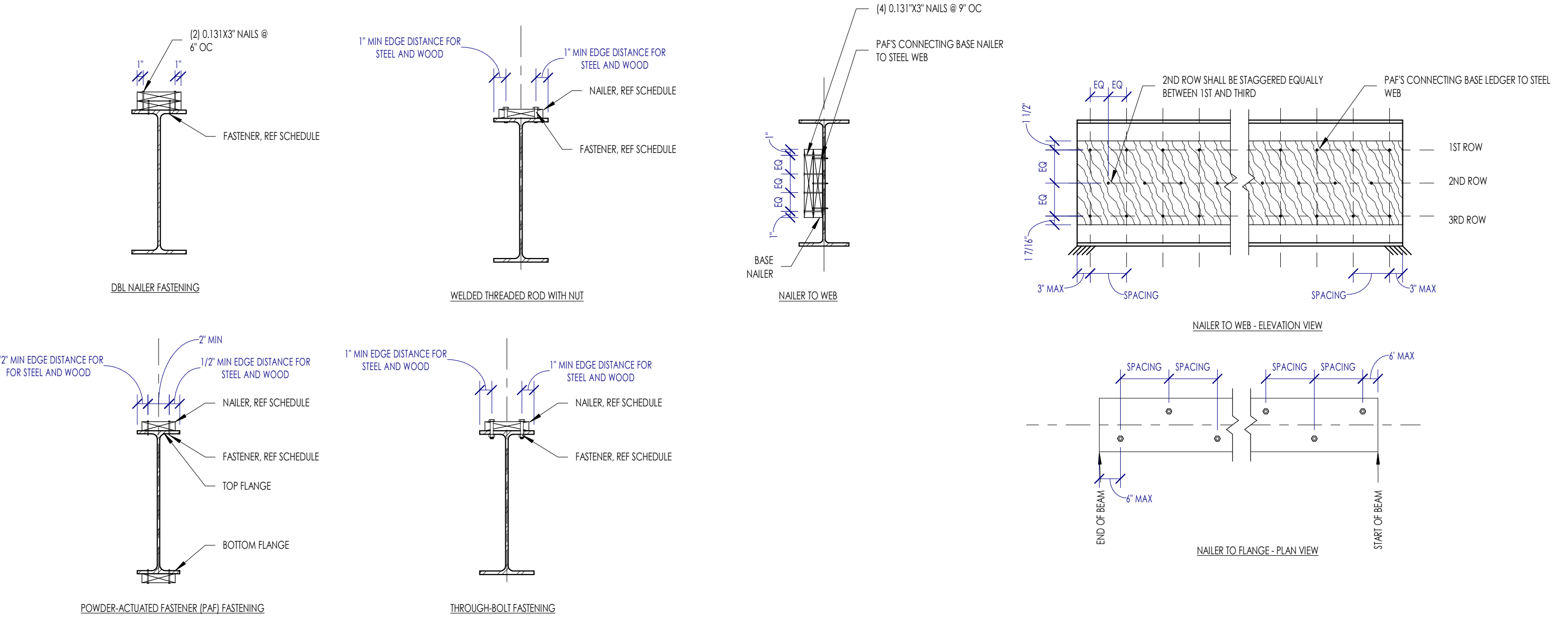
5C S2.0 ALLOWABLE SUBSTITUTION OF H2.5A CLIPS WITH FrameFAST SCREWS - UPLIFT LOAD PATH
 1" = 1'-0"



2C S2.0 TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS
 1" = 1'-0"

FASTENER SCHEDULE - TO BEAM TOP FLANGE			FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE		
L (ft)	PAF FASTENER	BOLT / ROD*	L (ft)	PAF FASTENER	BOLT / ROD*
< 0.35	XU 47 @ 12" OC	1/2"Ø @ 24" OC	< 0.35	(3) - XU 47 @ 12" OC	(2) - 1/2"Ø @ 24" OC
0.35 < L ≤ 0.44	DS 47 @ 12" OC	1/2"Ø @ 24" OC	0.35 < L ≤ 0.44	(3) - DS 47 @ 12" OC	(2) - 1/2"Ø @ 24" OC
L > 0.44	N/A	1/2"Ø @ 12" OC	L > 0.44	N/A	(2) - 1/2"Ø @ 12" OC

NALER SCHEDULE - TO BEAM FLANGE		NALER SCHEDULE - TO BEAM WEB	
d (ft)	NALER SIZE	d (ft)	NALER SIZE
≤ 5.5	2x4	5 < d ≤ 6.75	2x4
5.5 < d ≤ 7.25	2x6	6.75 < d ≤ 8.75	2x6
7.25 < d ≤ 8.75	2x8	8.75 < d ≤ 10.75	2x10
		10.75 < d ≤ 15	(2) - 2x8
		15 < d ≤ 19	(2) - 2x10
		19 < d ≤ 23	(2) - 2x12
		d > 23	(2) - 2x8



6A S2.0 WOOD NAILER TO TOP OF STRUCTURAL STEEL
 3/4" = 1'-0"

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LKB
ARCHITECTURE

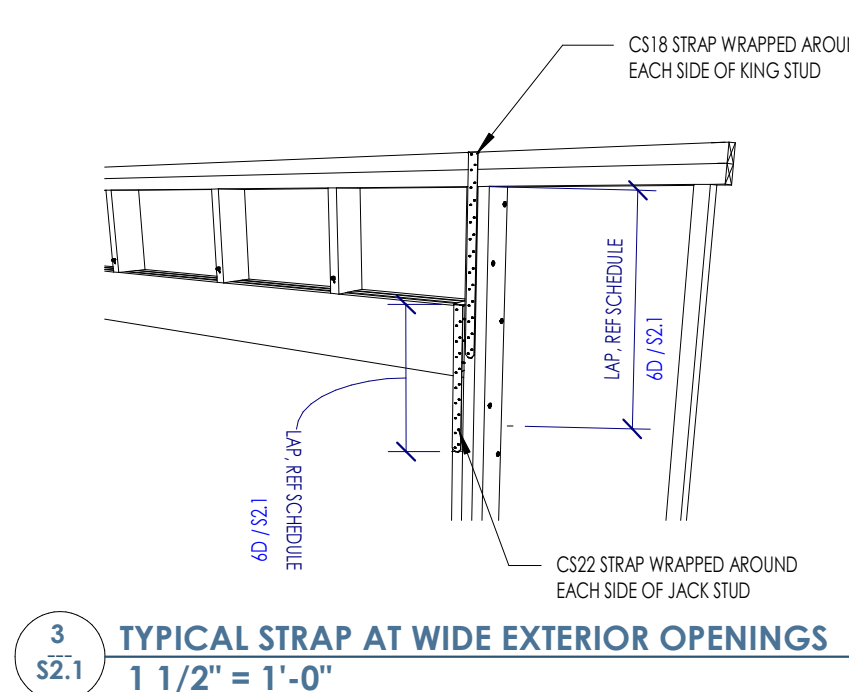
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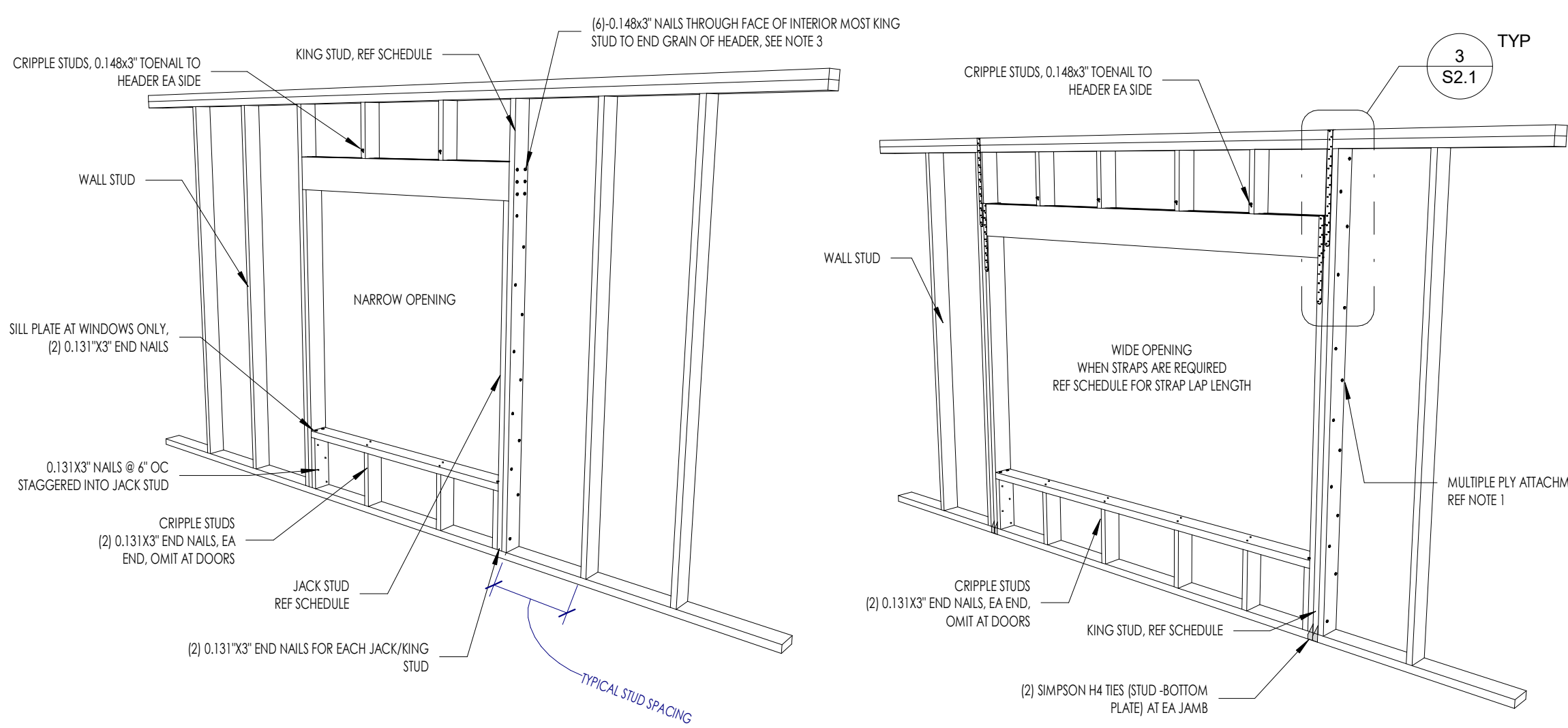
3 S2.1 TYPICAL STRAP AT WIDE EXTERIOR OPENINGS
1 1/2" = 1'-0"

ENGINEERING NOTE:
1. ENGINEER MUST REVIEW THE DRAWINGS TO CONFIRM THAT THERE ARE NOT OPENINGS LARGER THAN THOSE LISTED IN THE TABLES ABOVE. IF THERE ARE, THEN WE ADD THESE TO OUR SCHEDULE. KEEP IN MIND THE FOLLOWING:
A. THE WIDER THE OPENING, THE MORE LOAD THE KING STUDS MUST BE ABLE TO TAKE IN BENDING.
B. AXIAL LOADS ARE PRIMARILY TAKEN BY THE JACK STUDS.
C. YOU NEED TO INCREASE THE STRAP WIDTH OPENING ON THE UPST FORCE.
2. IF PROJECT DOES NOT HAVE EXTERIOR WALL SIZES OF THE OPTIONS LISTED ABOVE THEN DELETE THAT TABLE (MOST PROJECTS ARE USING 2X6 EXTERIOR WALLS FOR INSULATION PURPOSES. IF THIS IS THE CASE THEN DELETE THE 2X4 TABLE.)

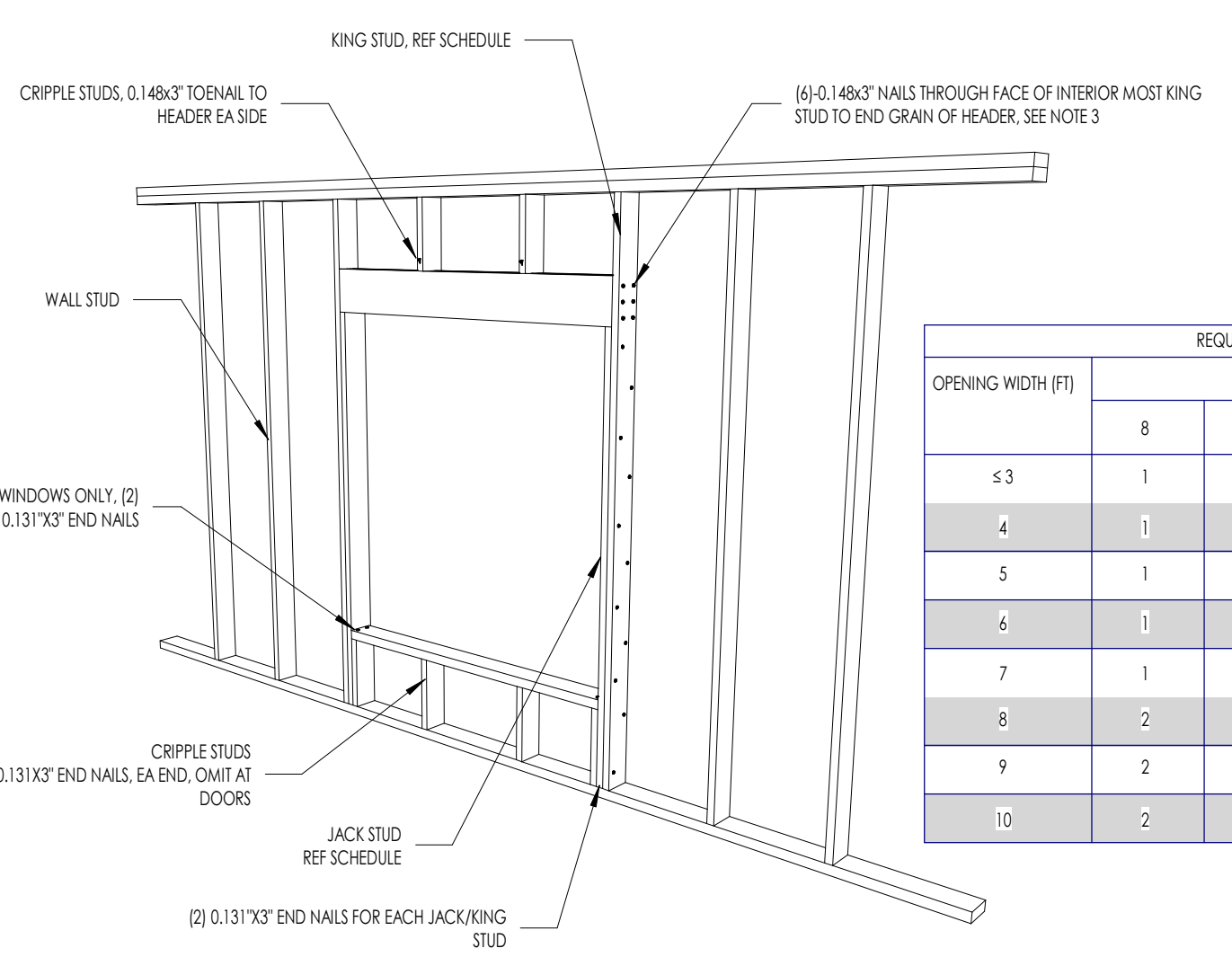
2X4 STUD WALL							
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	11	12		
≤3	1	1	1	2	2	1	N/R
4	1	1	2	2	2	1	N/R
5	2	2	2	3	3	1	N/R
6	2	2	3	3	3	1	N/R
7	2	2	3	3	4	1	N/R
8	3	3	4	4	4	2	8
9	3	3	4	4	4	2	8
10	3	3	4	4	4	2	8

2X6 STUD WALL							
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	11	12		
≤3	1	1	1	1	1	1	N/R
4	1	1	1	1	1	1	N/R
5	1	1	1	1	2	1	N/R
6	1	1	1	2	2	1	N/R
7	1	1	2	2	2	1	N/R
8	1	1	2	2	3	1	8
9	1	2	2	2	2	2	8
10	1	2	2	2	3	2	8

NOTES:
1. MULTIPLE PILES MUST BE ATTACHED PER THE MECHANICALLY LAMINATED BUILT-UP COLUMN, NAILED DETAIL.
2. TABLE IS BASED OFF AN HORIZONTAL WIND PRESSURE OF 20 PSF AND GRAVITY LOADING OF 200 PLF.
3. NAILS MUST BE CONSIDERED ON THE INDIVIDUAL PILES OF THE HEADER.
4. N/R = NOT REQUIRED. IF N/R, THEN REFERENCE NARROW OPENING DIAGRAM FOR CONNECTION REQUIREMENTS, OTHERWISE REFERENCE THE WIDE OPENING DIAGRAM.



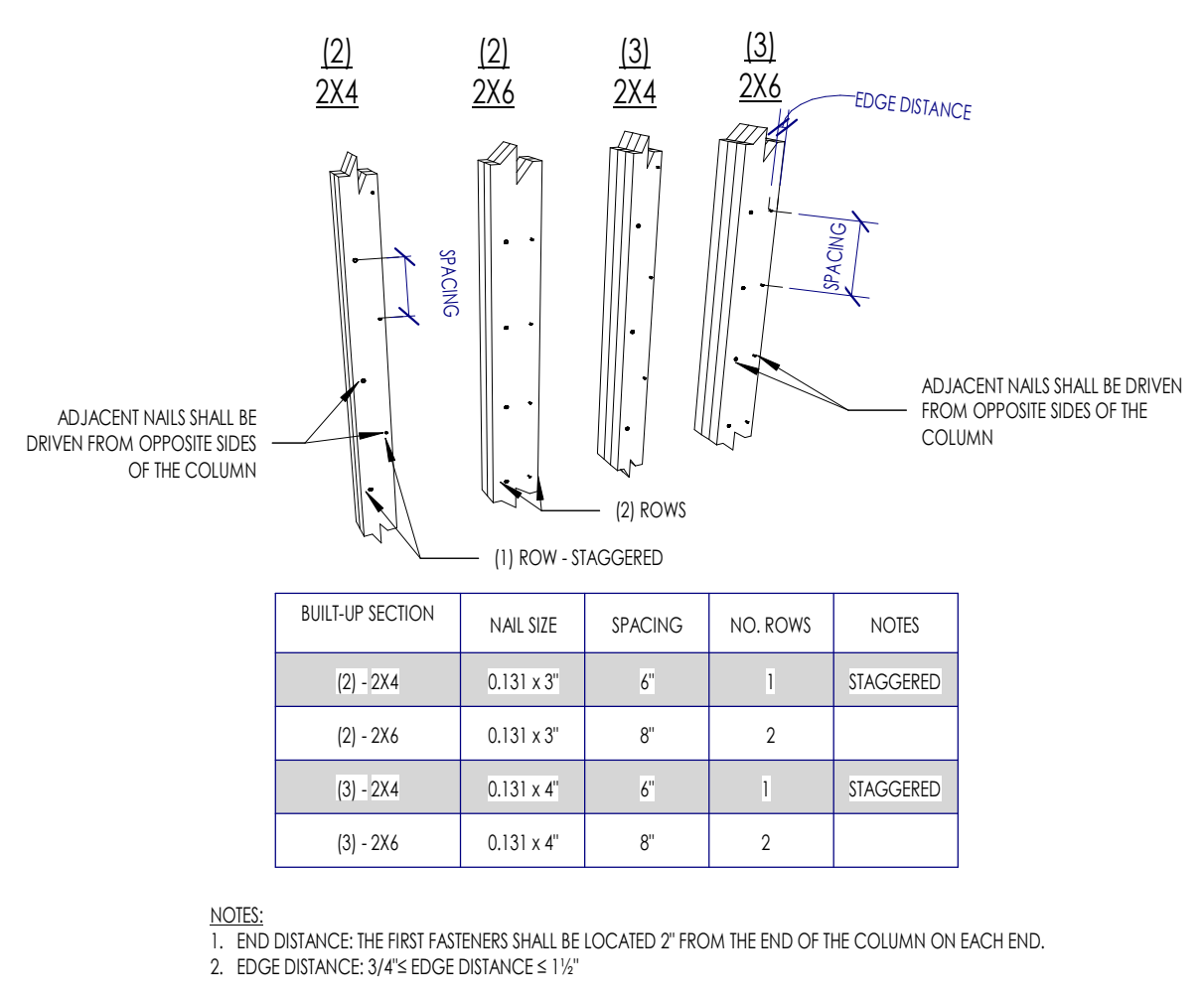
4 S2.1 TYPICAL EXTERIOR OPENING FRAMING
1 1/2" = 1'-0"



4C S2.1 TYPICAL INTERIOR OPENING FRAMING
1 1/2" = 1'-0"

LOAD BEARING WALL							NON-LOAD BEARING WALL							
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	HEADER SIZE
	8	9	10	11	12			8	9	10	11	12		
≤3	1	1	1	1	1	1	≤3	1	1	1	1	1	1	2X8H 3X6H
4	1	1	1	1	1	1	4	1	1	1	1	1	1	2X8H 3X6H
5	1	1	1	2	2	1	5	1	1	1	2	2	1	2X8H 3X6H
6	1	1	2	2	2	1	6	1	1	2	2	2	1	2X8H 3X6H
7	1	1	2	2	3	1	7	1	1	2	2	3	1	2X8H 3X6H
8	2	2	2	3	3	2	8	2	2	2	3	3	1	2X10H 3X10H
9	2	2	3	3	3	2	9	2	2	3	3	3	1	2X10H 3X10H
10	2	2	3	3	3	2	10	2	2	3	3	3	1	2X10H 3X10H

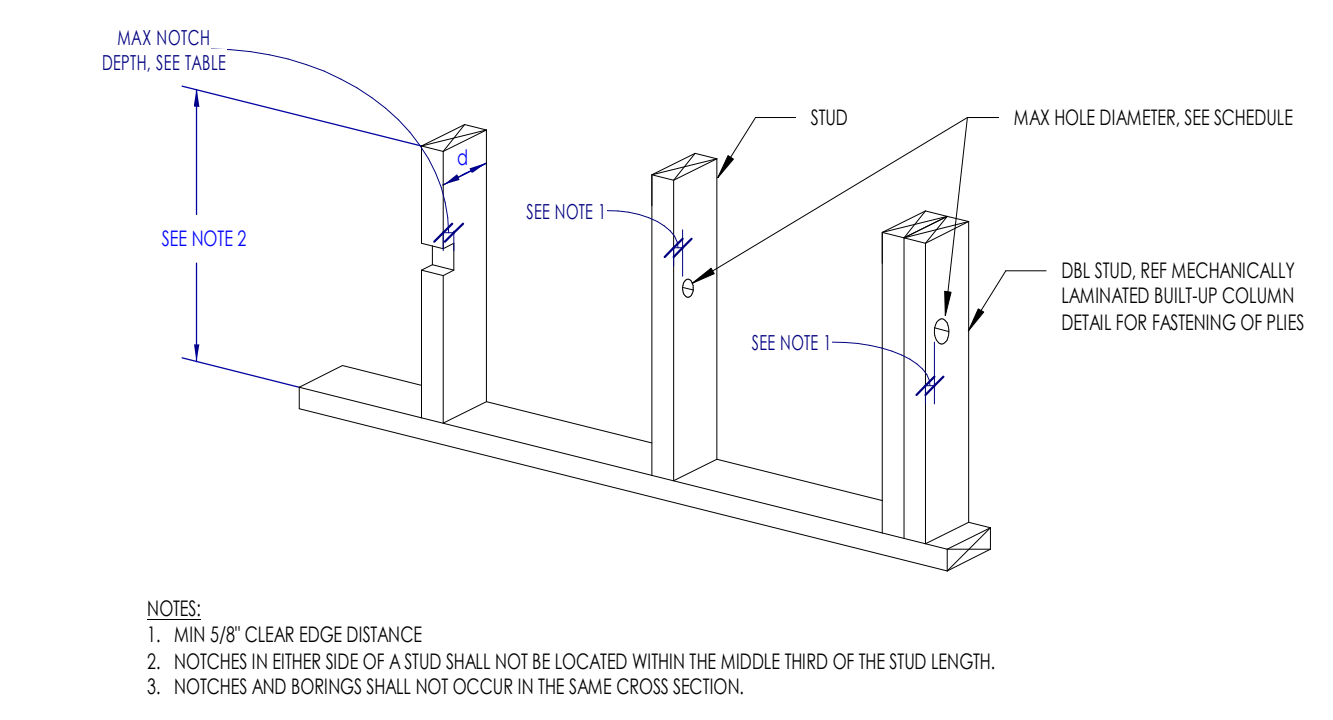
NOTES:
1. LOAD BEARING WALLS AND ASSOCIATED HEADERS ARE INDICATED ON PLAN.



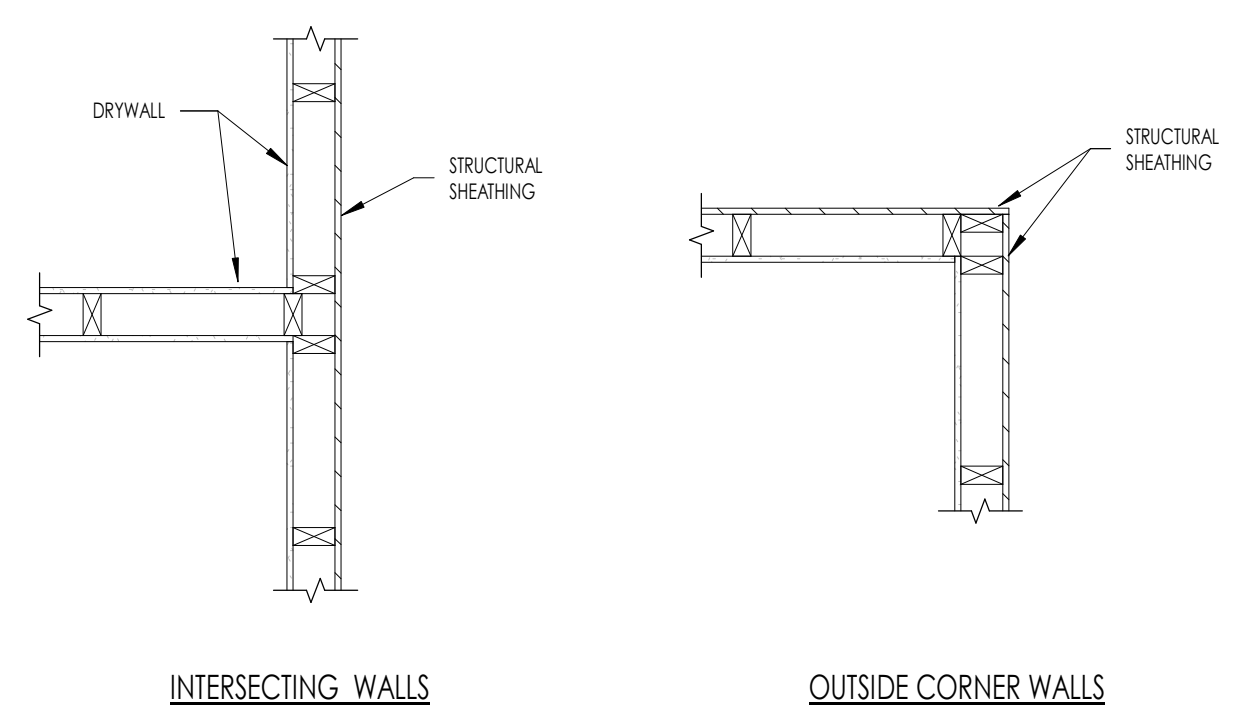
3C S2.1 MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED
1 1/2" = 1'-0"

ALLOWABLE NOTCHING AND BORING SCHEDULE

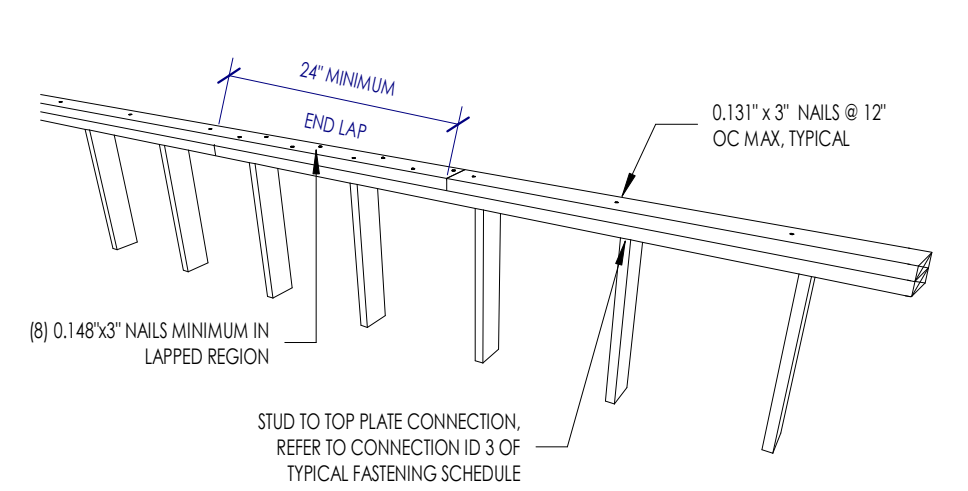
STUD SIZE	MAX HOLE Ø	MAX NOTCH
2X4	2"	1.38"
2X6	3 1/4"	2.316"
DBL - 2X4	2"	1.38"
DBL - 2X6	3 1/4"	2.316"



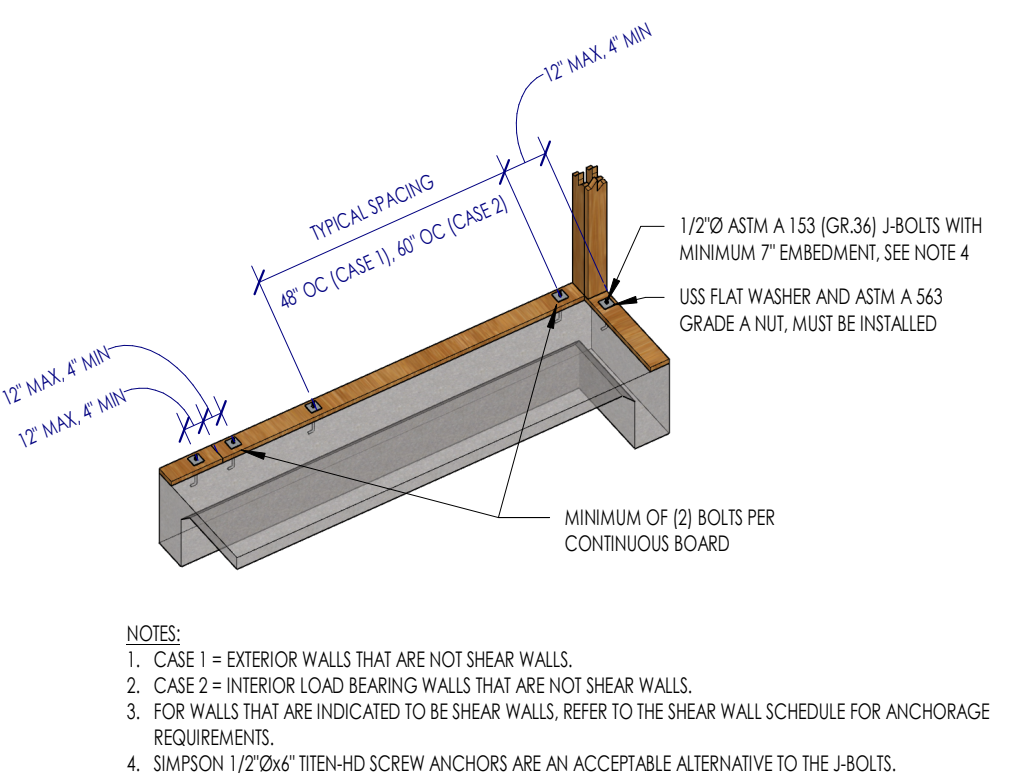
2C S2.1 ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS
3/4" = 1'-0"



4B S2.1 TYPICAL CORNER AND INTERSECTION WALL STUDS (NOT AT SHEAR WALL)
3/4" = 1'-0"



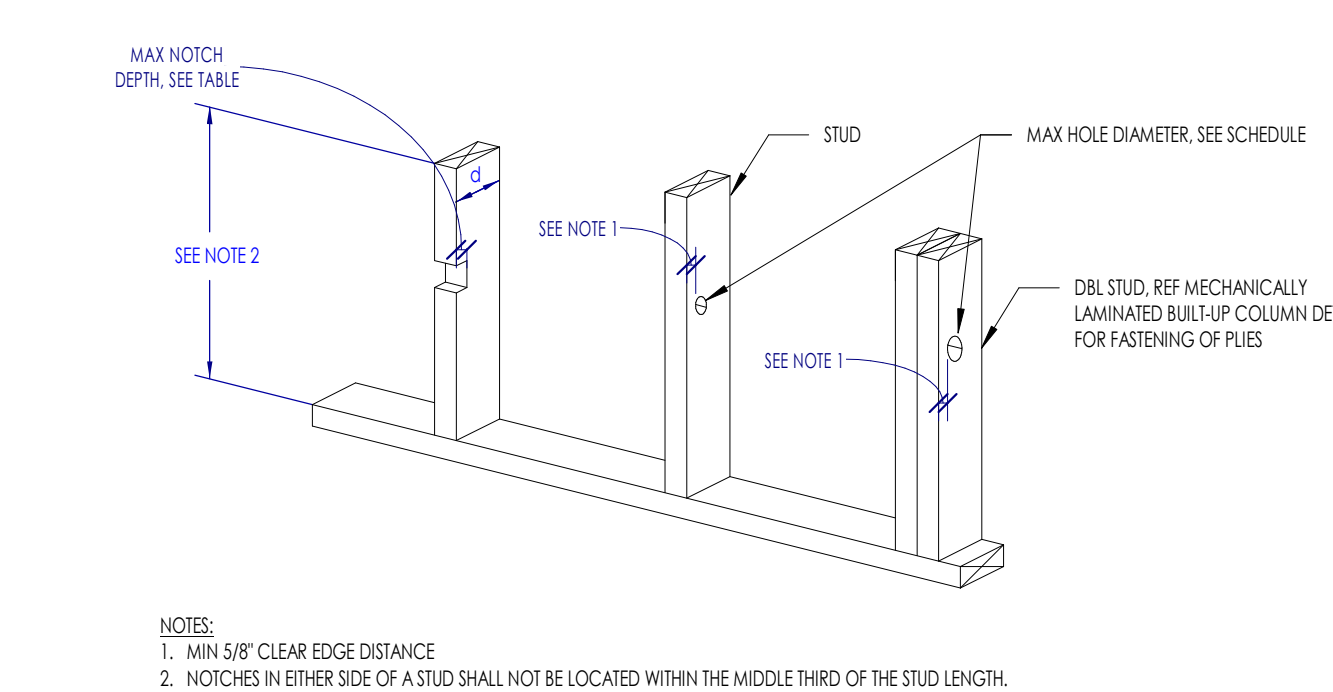
5B S2.1 TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE
1" = 1'-0"



3B S2.1 TYPICAL BOTTOM PLATE ANCHORAGE
3/4" = 1'-0"

ALLOWABLE NOTCHING AND BORING SCHEDULE

STUD SIZE	MAX HOLE Ø	MAX NOTCH
2X4	1.38"	7/8"
2X6	2.316"	1.38"
DBL - 2X4	2"	7/8"
DBL - 2X6	3 1/4"	1.38"



2B S2.1 ALLOWABLE STUD NOTCHING AND BORING IN EXTERIOR & LOAD BEARING WALLS
3/4" = 1'-0"

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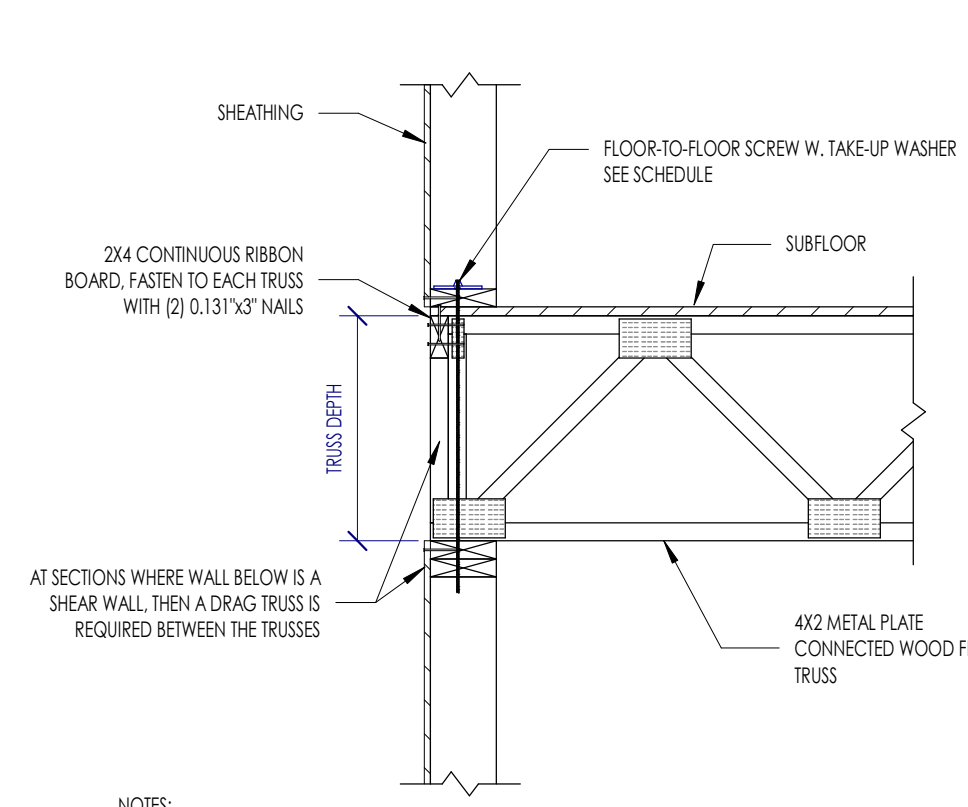
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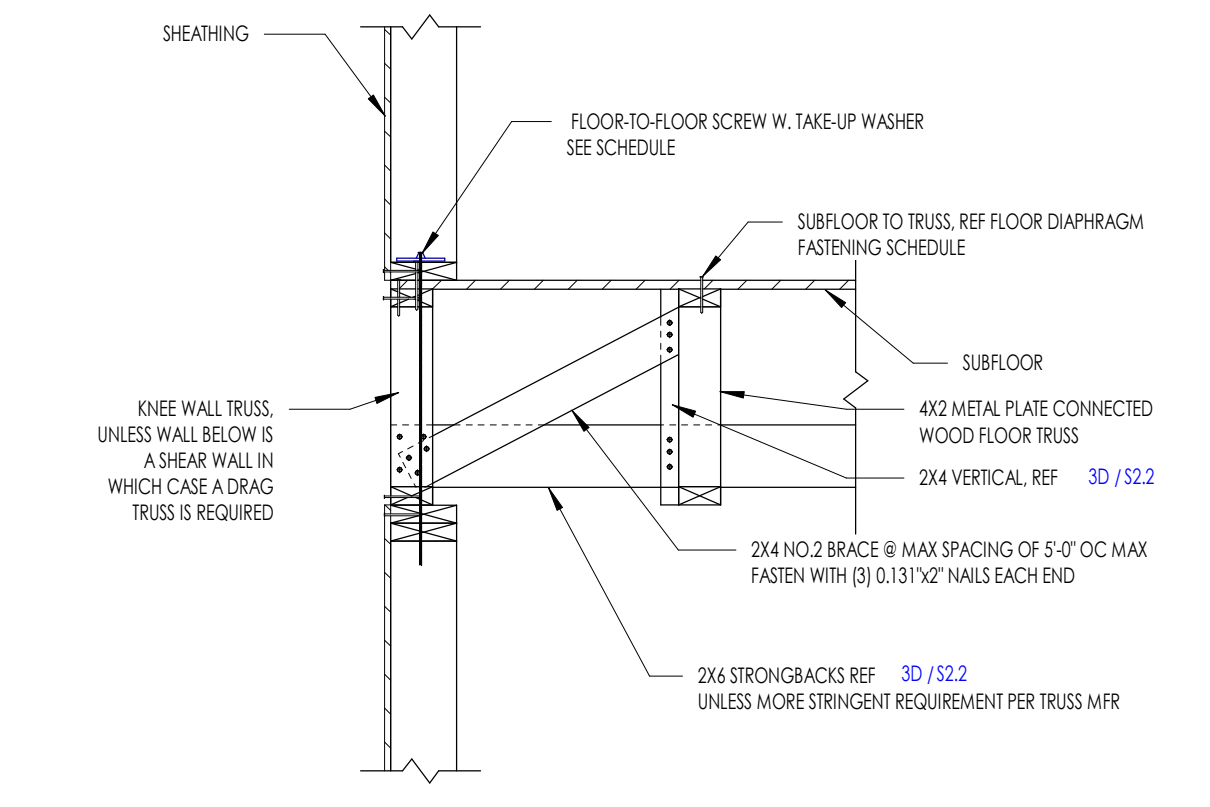
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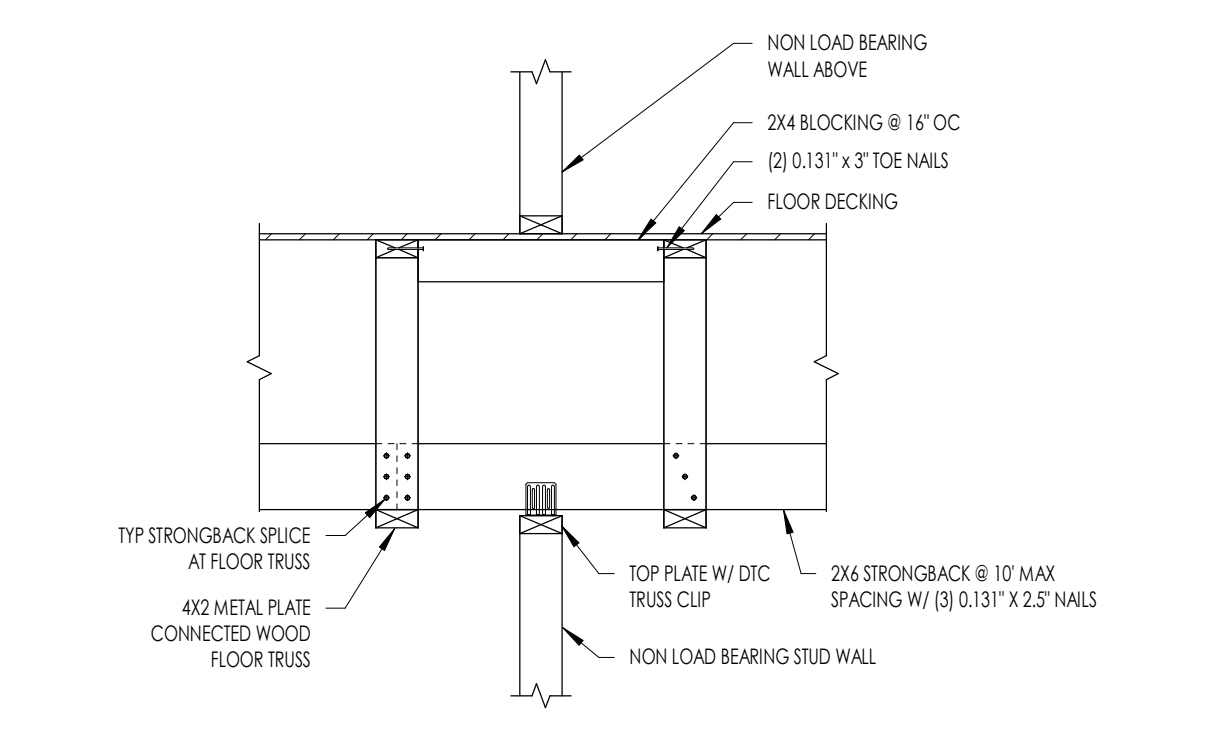
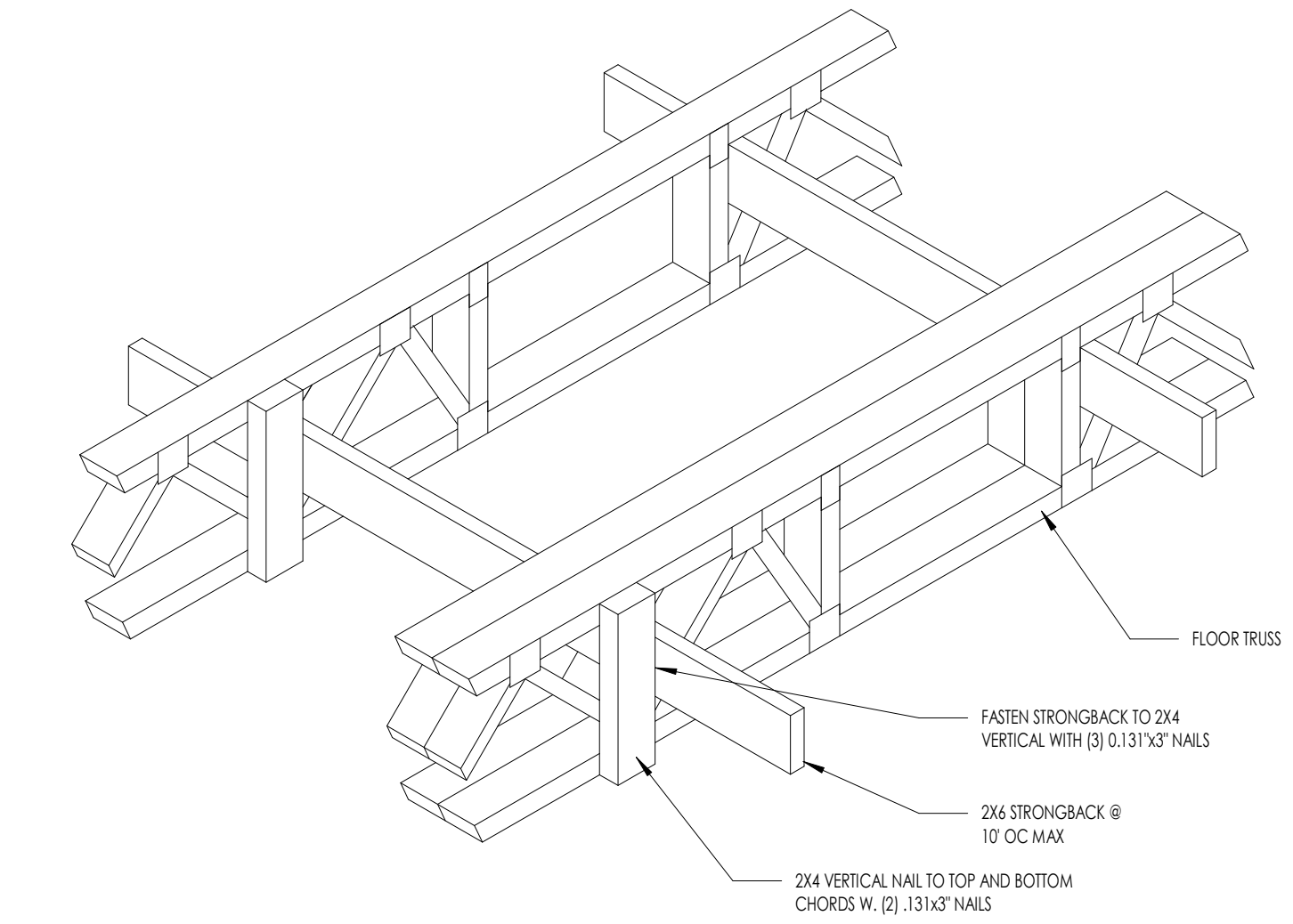
FLOOR-TO-FLOOR SCREW SCHEDULE

12" < TRUSS DEPTH ≤ 14"	SIMPSON SDWF2720-T/W
14" < TRUSS DEPTH ≤ 18"	SIMPSON SDWF2726-T/W
18" < TRUSS DEPTH ≤ 24"	SIMPSON SDWF2730-T/W



FLOOR-TO-FLOOR SCREW SCHEDULE

12" < TRUSS DEPTH ≤ 14"	SIMPSON SDWF2720-T/W
14" < TRUSS DEPTH ≤ 18"	SIMPSON SDWF2726-T/W
18" < TRUSS DEPTH ≤ 24"	SIMPSON SDWF2730-T/W

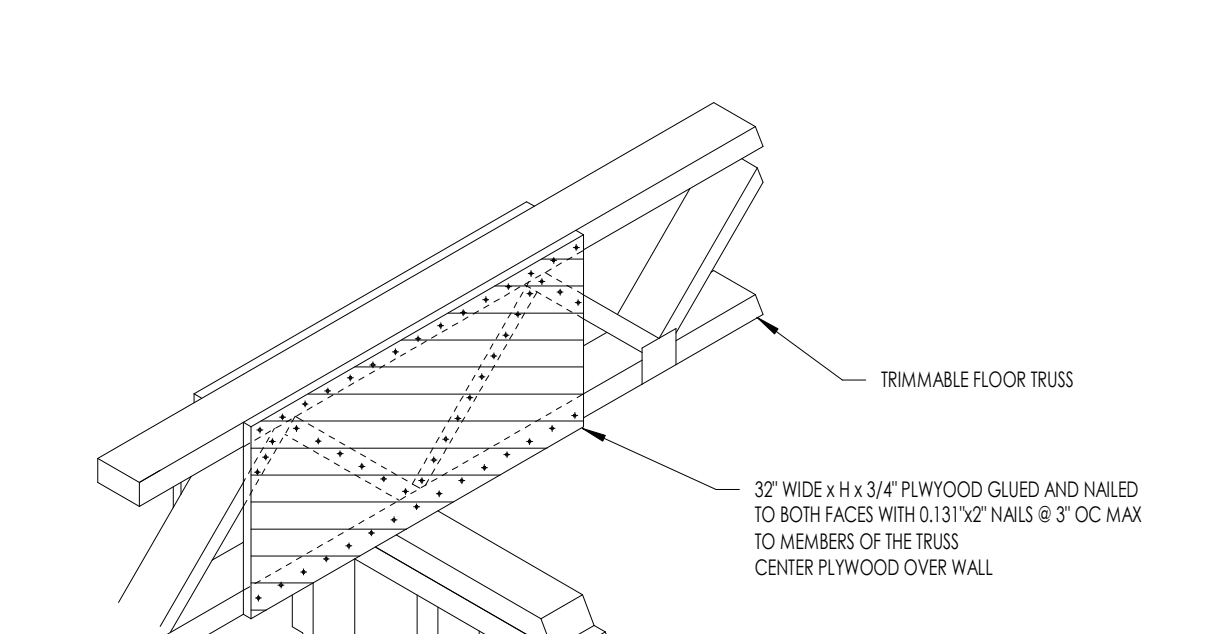
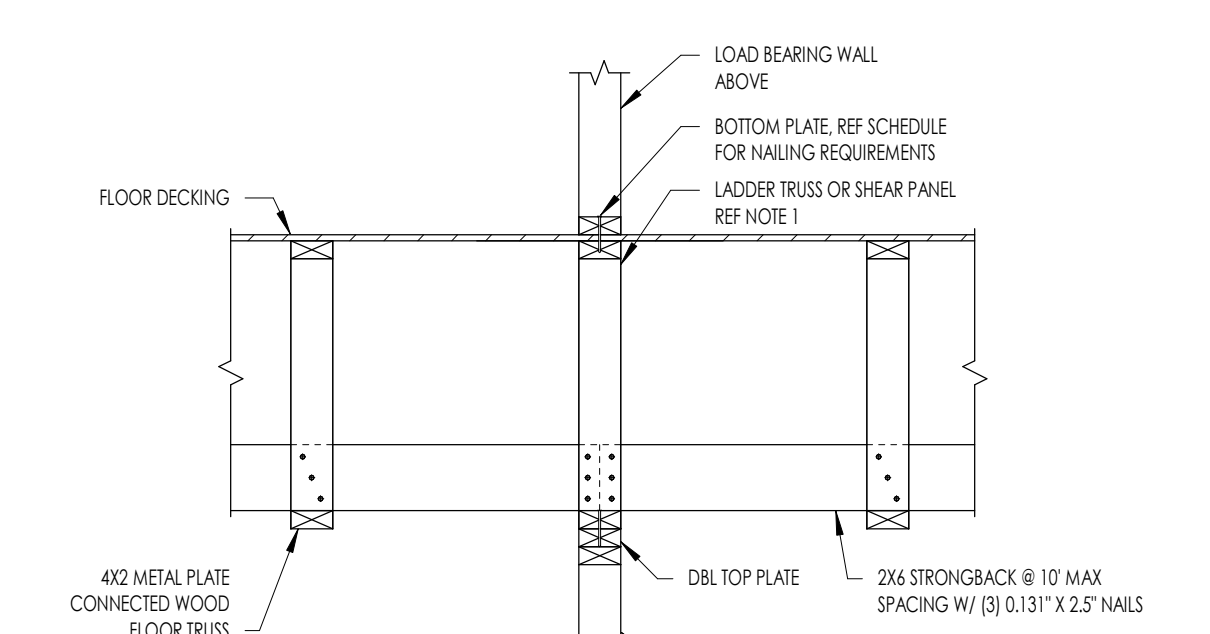
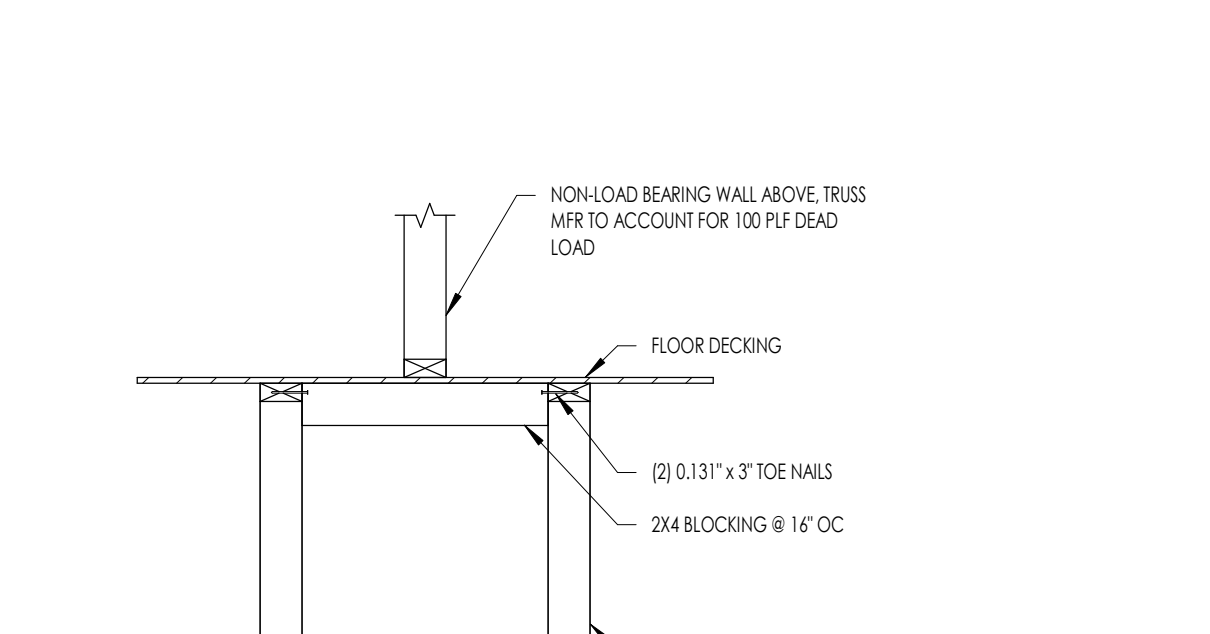
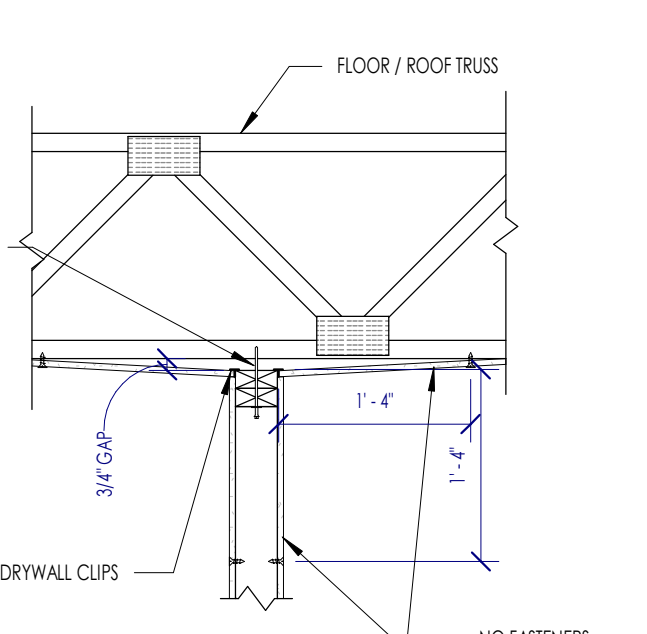
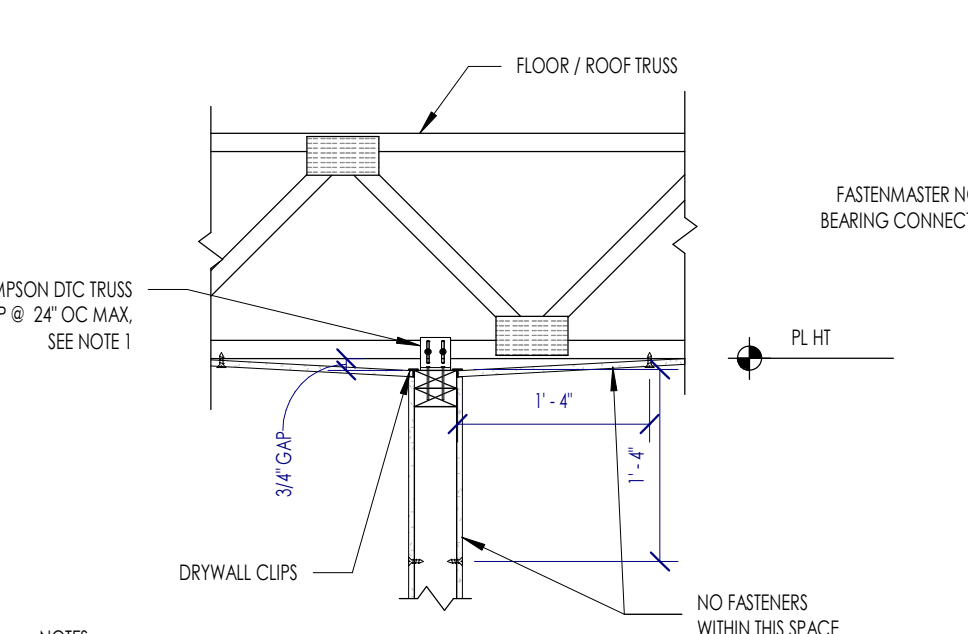


4D S2.2 TYPICAL BOTTOM CHORD BEARING ON EXTERIOR WALL - MULTI-STORY
3/4" = 1'-0"

5D S2.2 TYPICAL FLOOR TRUSS PARALLEL TO EXTERIOR WALL - MULTI-STORY
3/4" = 1'-0"

3D S2.2 TYPICAL TRUSS STRONGBACK
3/4" = 1'-0"

2D S2.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES
3/4" = 1'-0"

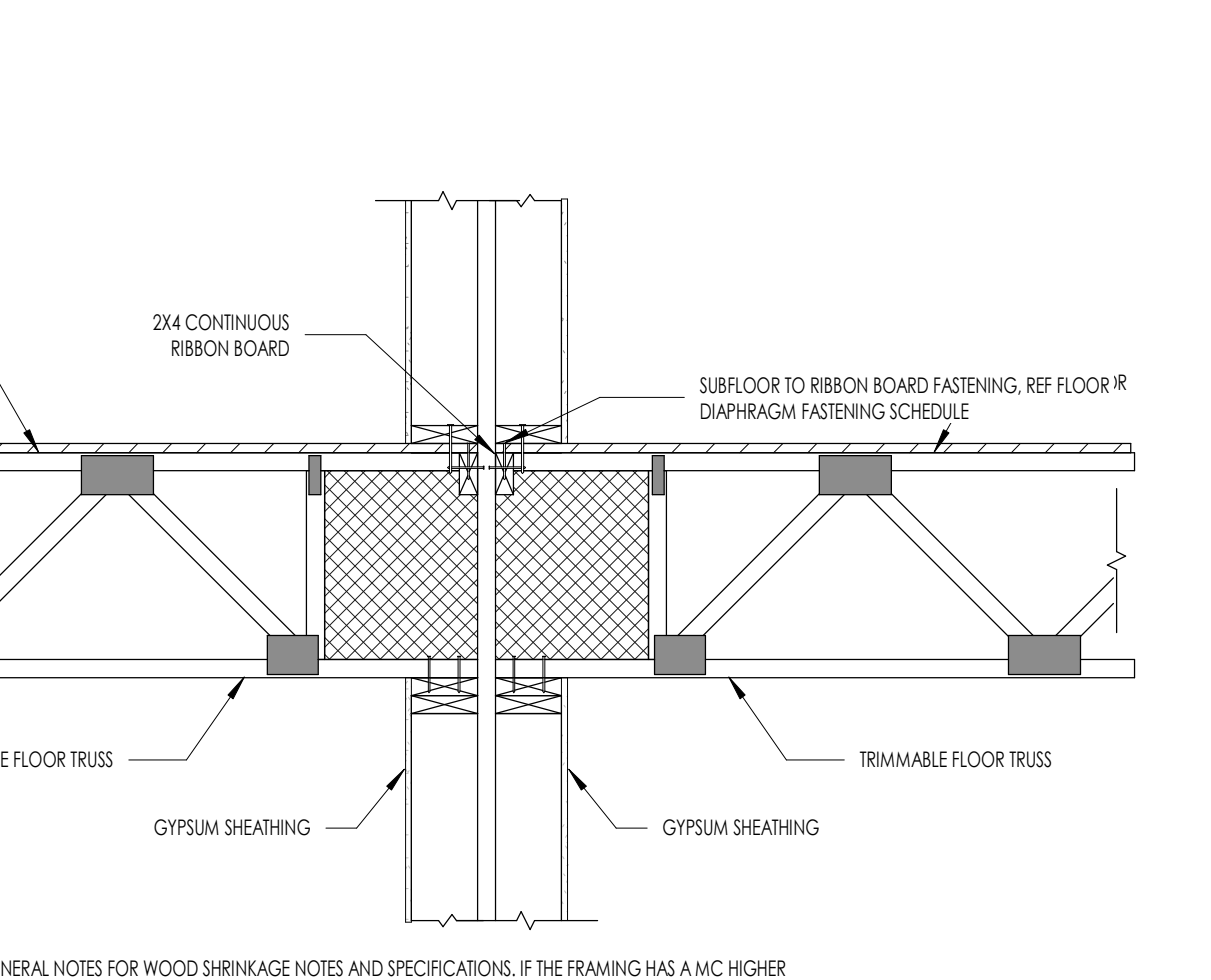
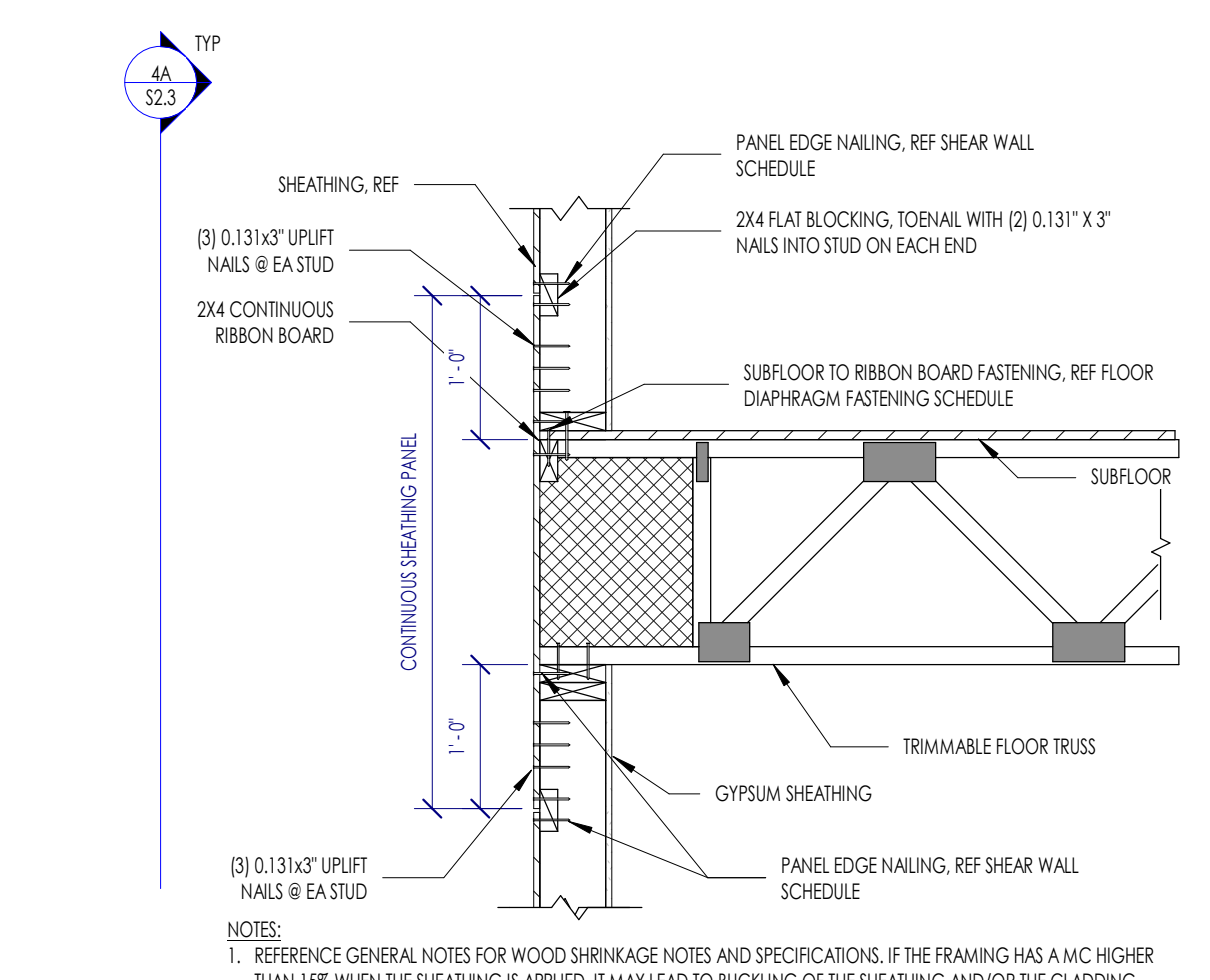
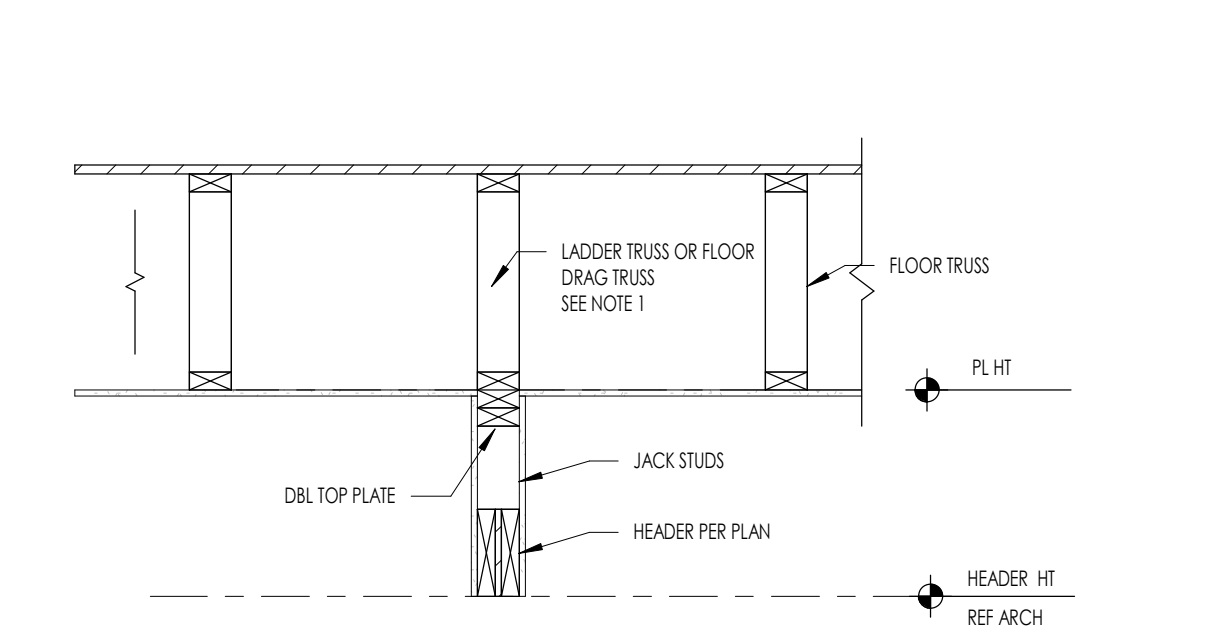
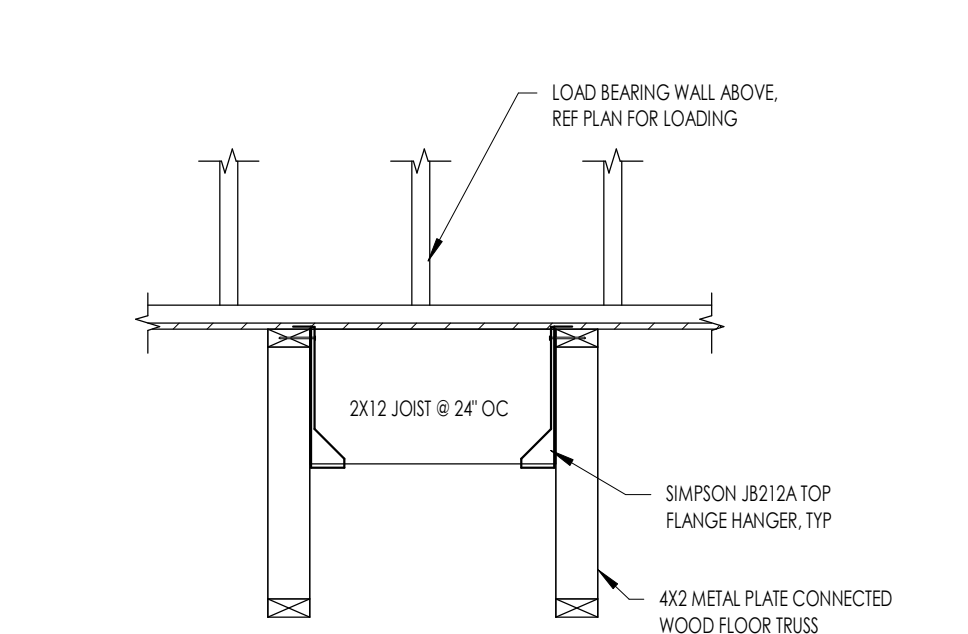


6C S2.2 TYPICAL NON-LOAD BEARING WALL ATTACHMENT TO PERPENDICULAR FLOOR TRUSS
3/4" = 1'-0"

5C S2.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSS
3/4" = 1'-0"

3C S2.2 TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES
3/4" = 1'-0"

2C S2.2 TYPICAL TRIMMABLE TRUSS STIFFENING AT INTERIOR SUPPORT
3/4" = 1'-0"

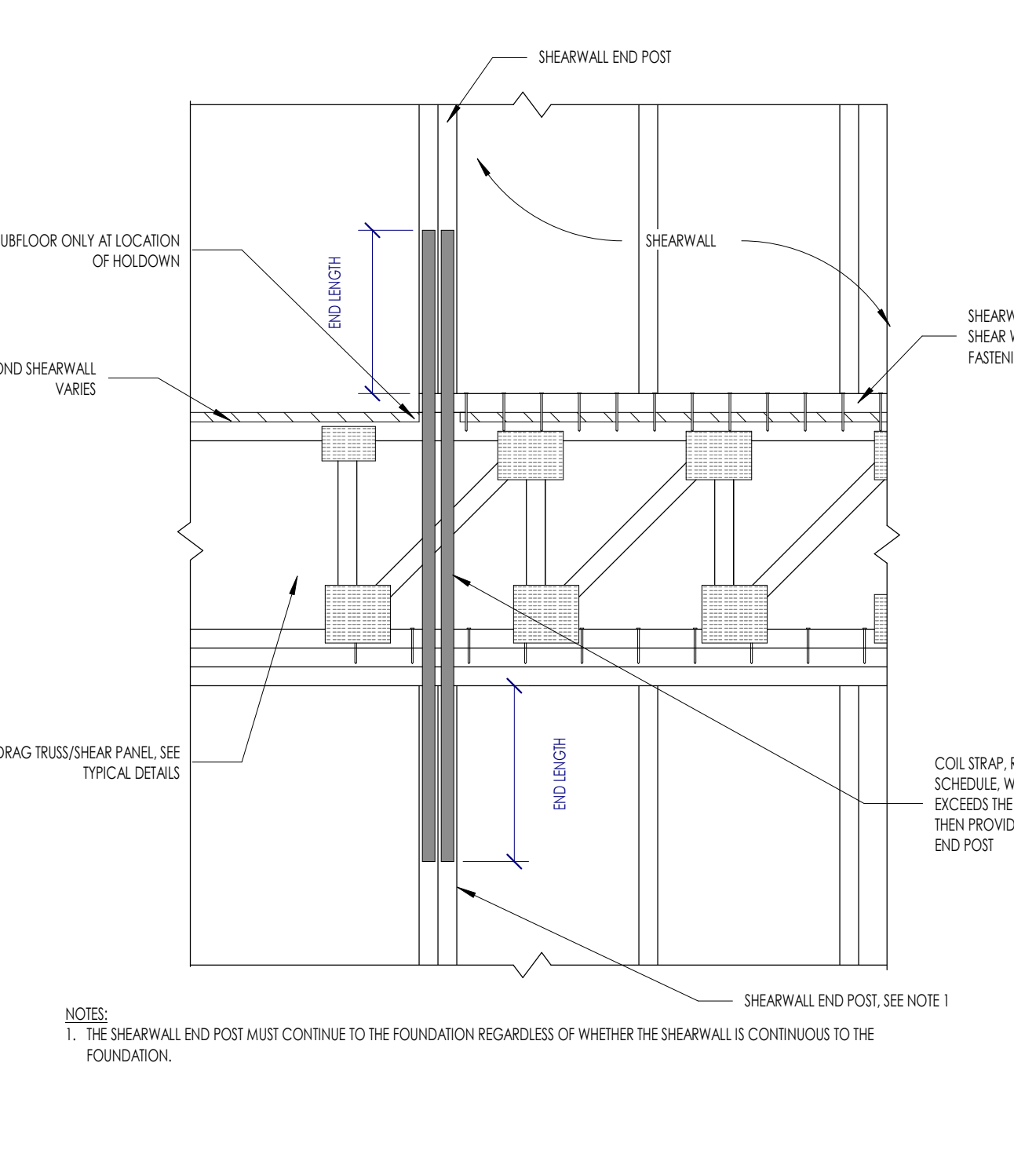
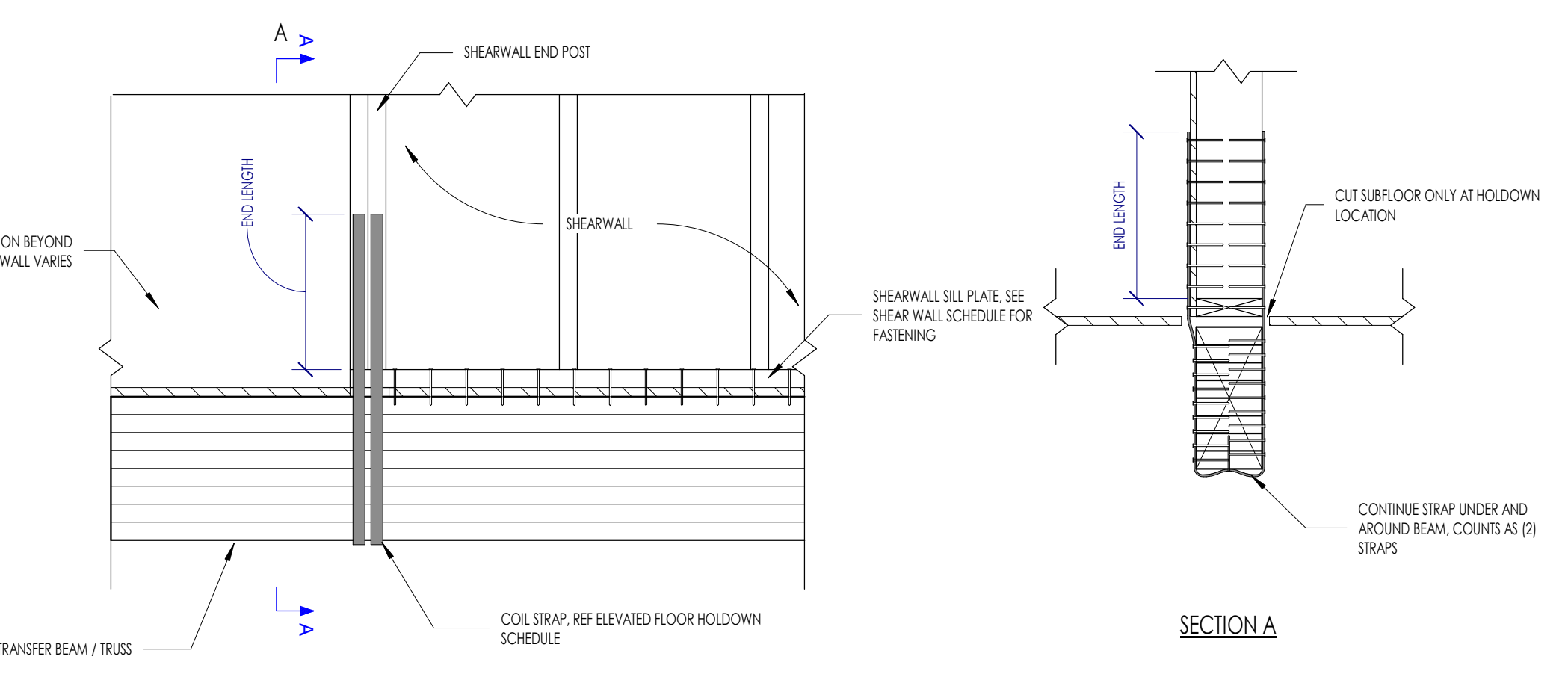
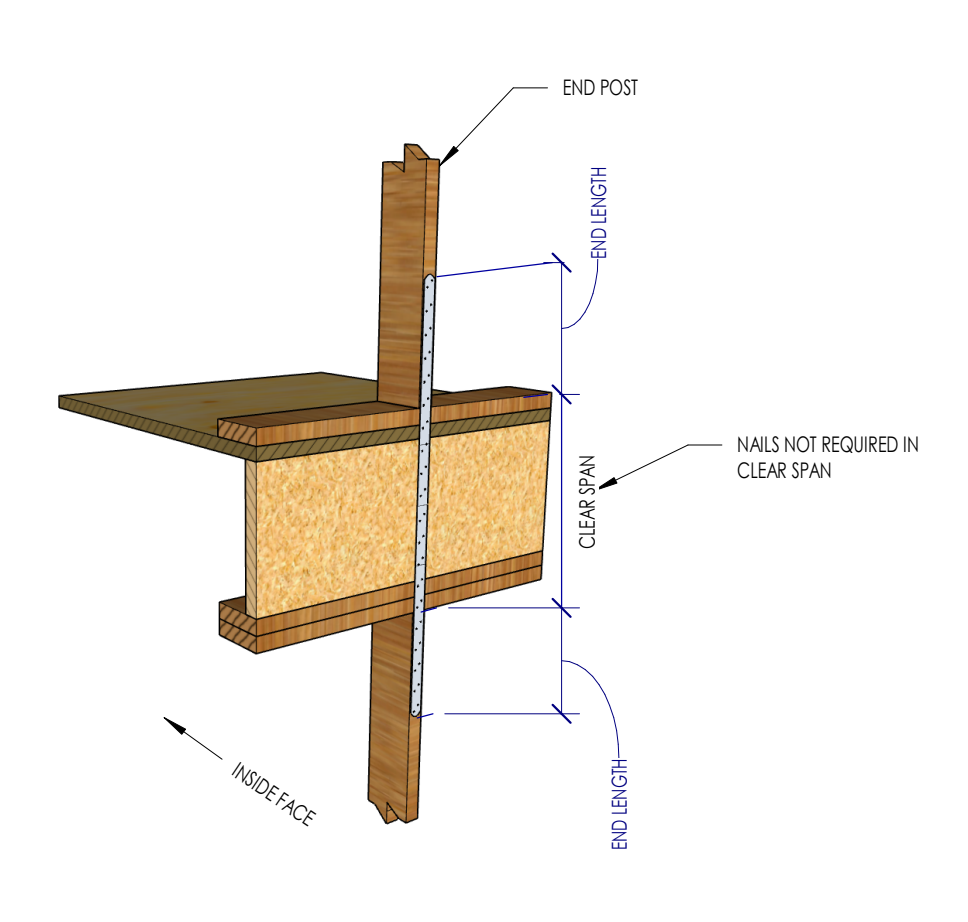


6B S2.2 TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS
3/4" = 1'-0"

5B S2.2 TYPICAL LOAD BEARING HEADER PARALLEL TO FLOOR TRUSSES
3/4" = 1'-0"

3B S2.2 061760 FLOOR - TRIMMABLE TRUSS BOTTOM CHORD BEARING ON EXTERIOR WALL
3/4" = 1'-0"

2B S2.2 TYPICAL INTERIOR BOTTOM CHORD BEARING AT PARTY WALL
3/4" = 1'-0"



6A S2.2 TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR
1" = 1'-0"

5A S2.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL THAT IS TRANSFERRED

3A S2.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL

2A S2.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL

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Date	Description
04.16.2022	Progress Set

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ARCHITECT OF RECORD: LKB Architecture
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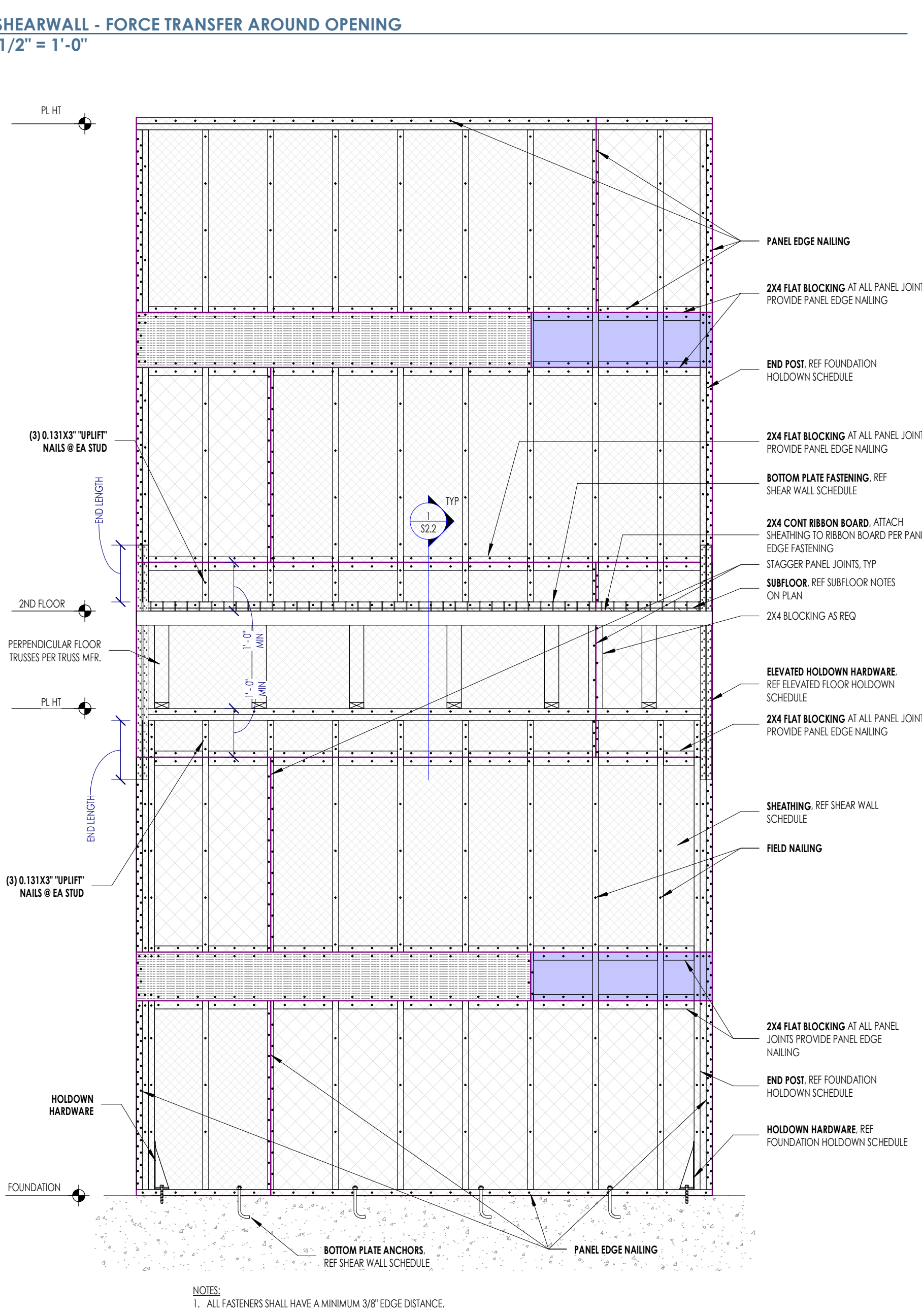
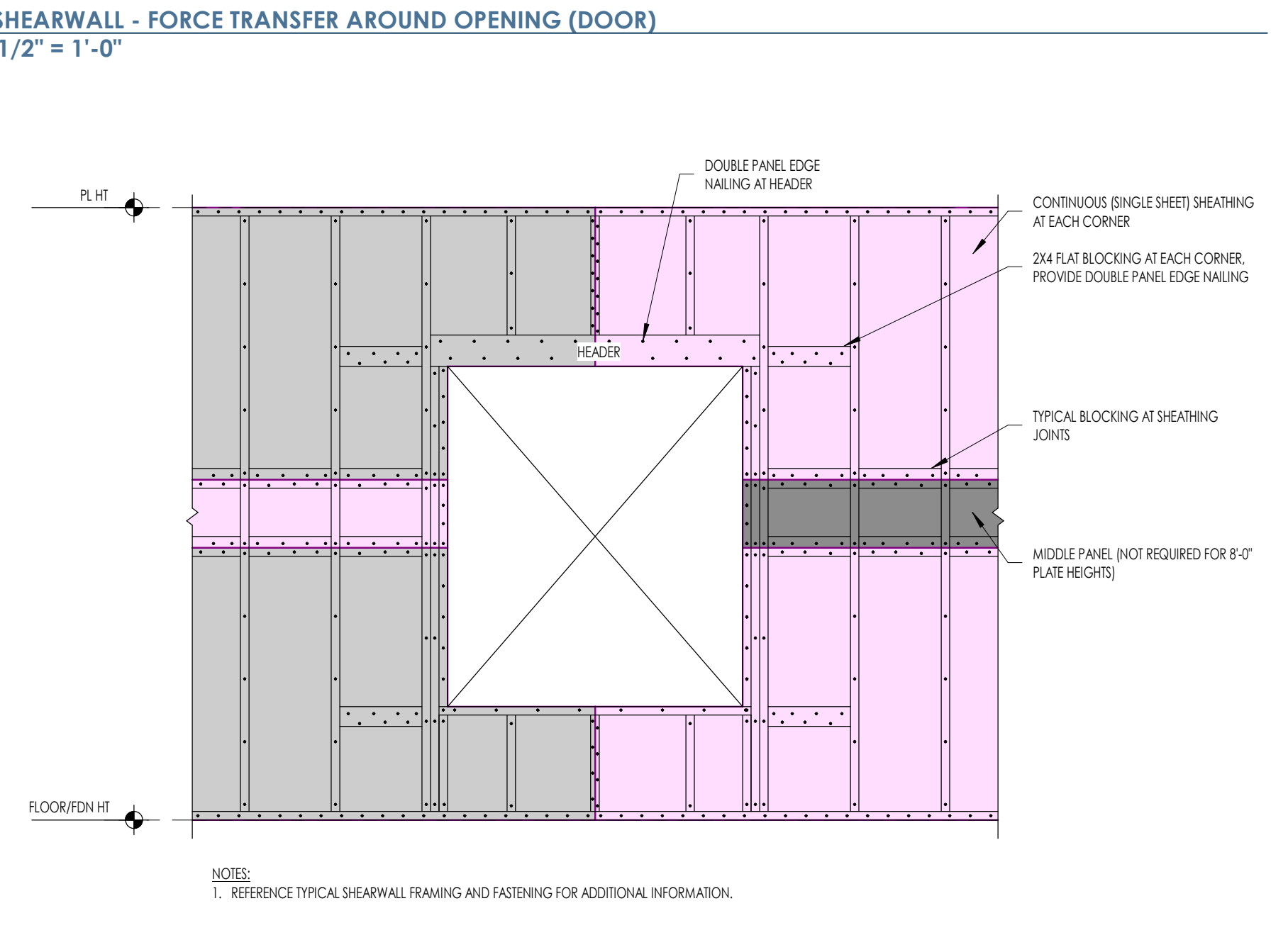
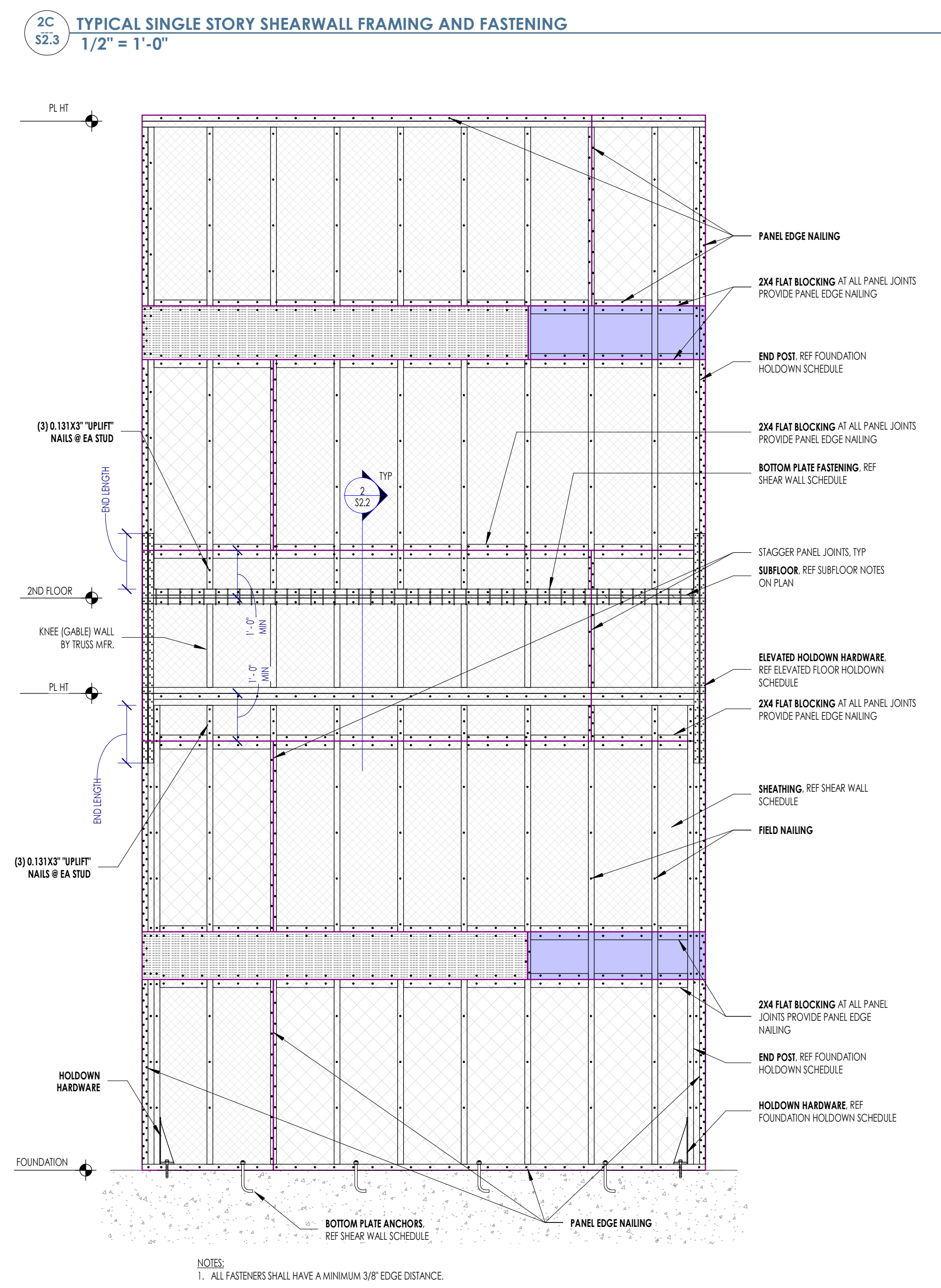
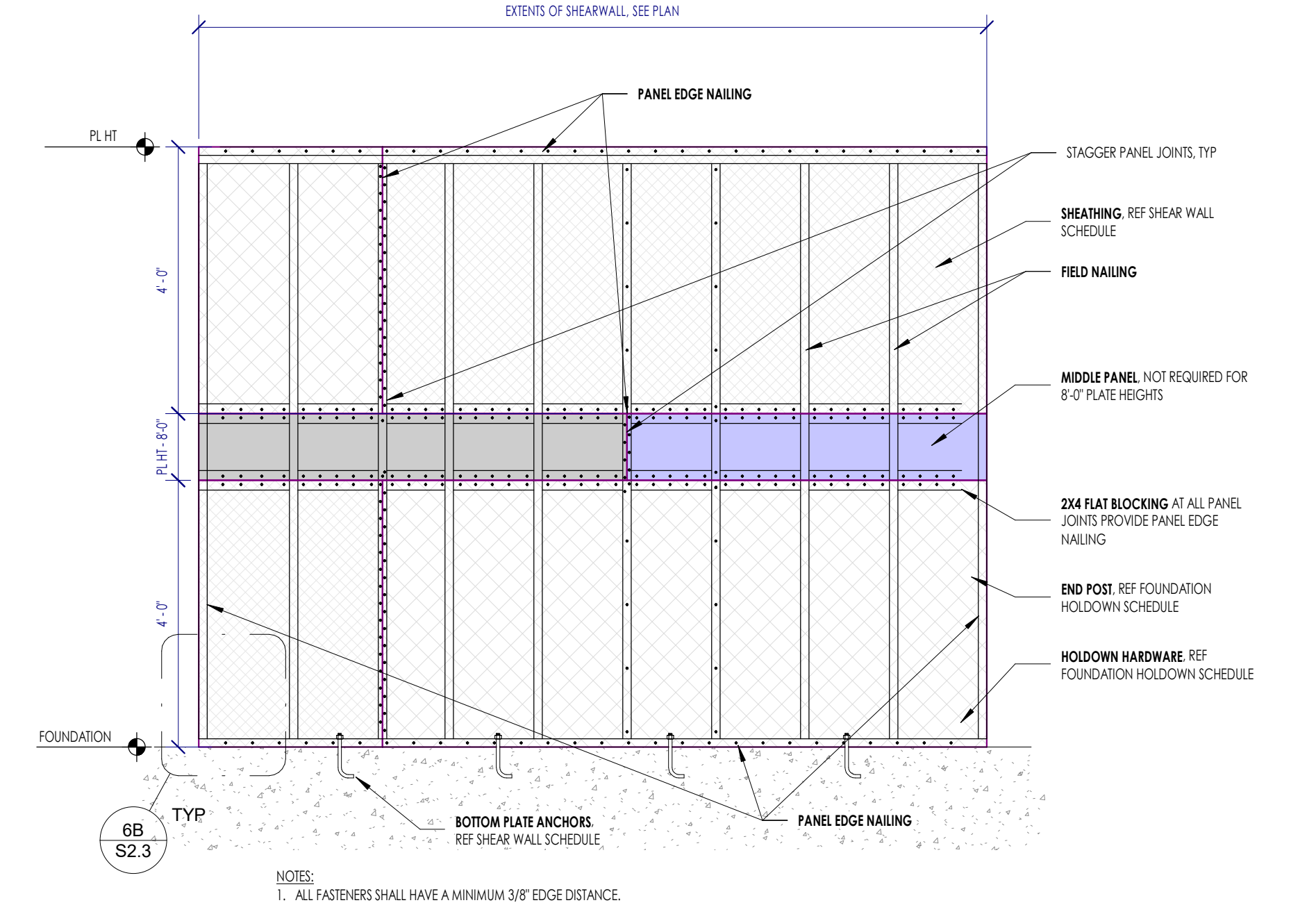
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MEP: AMC ENGINEERS
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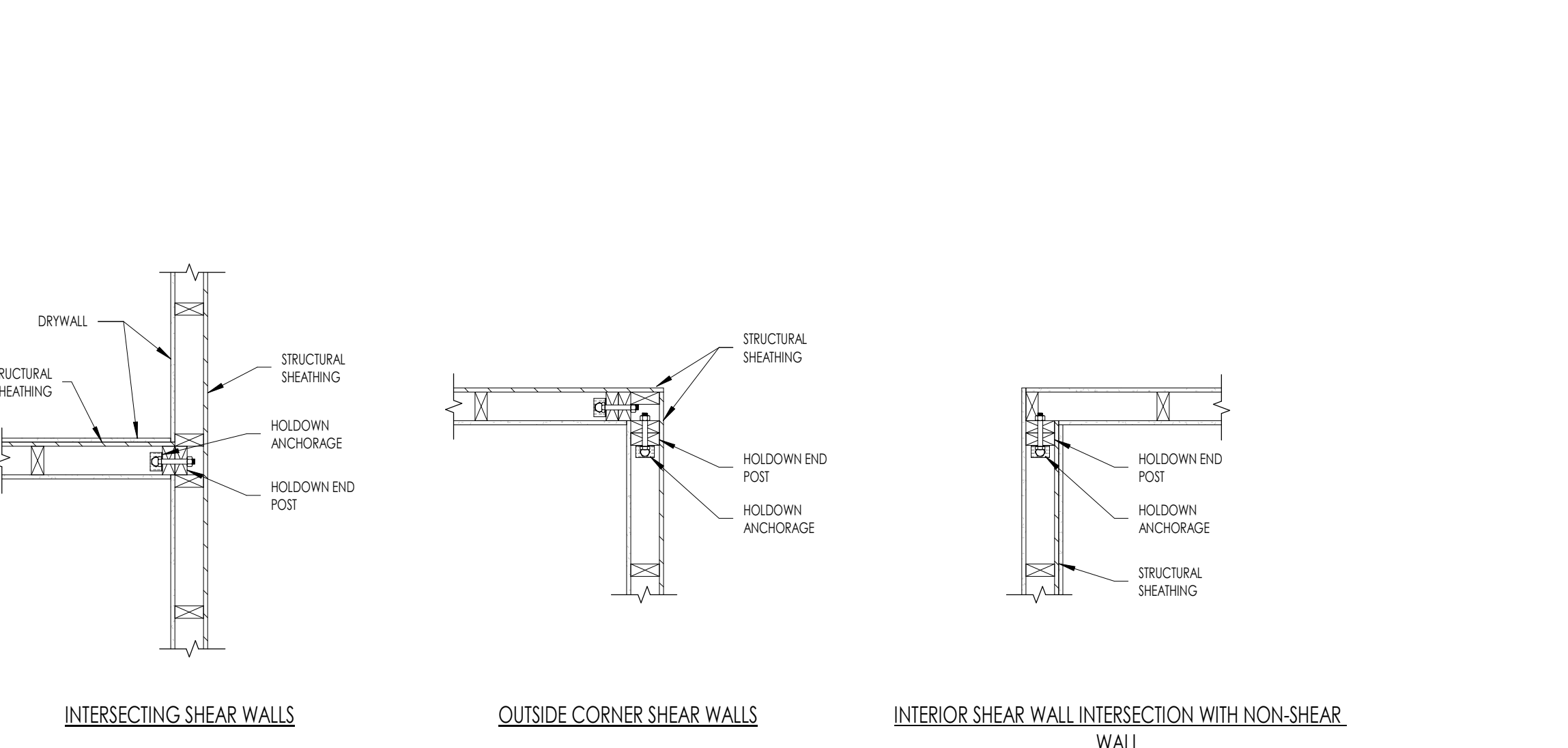
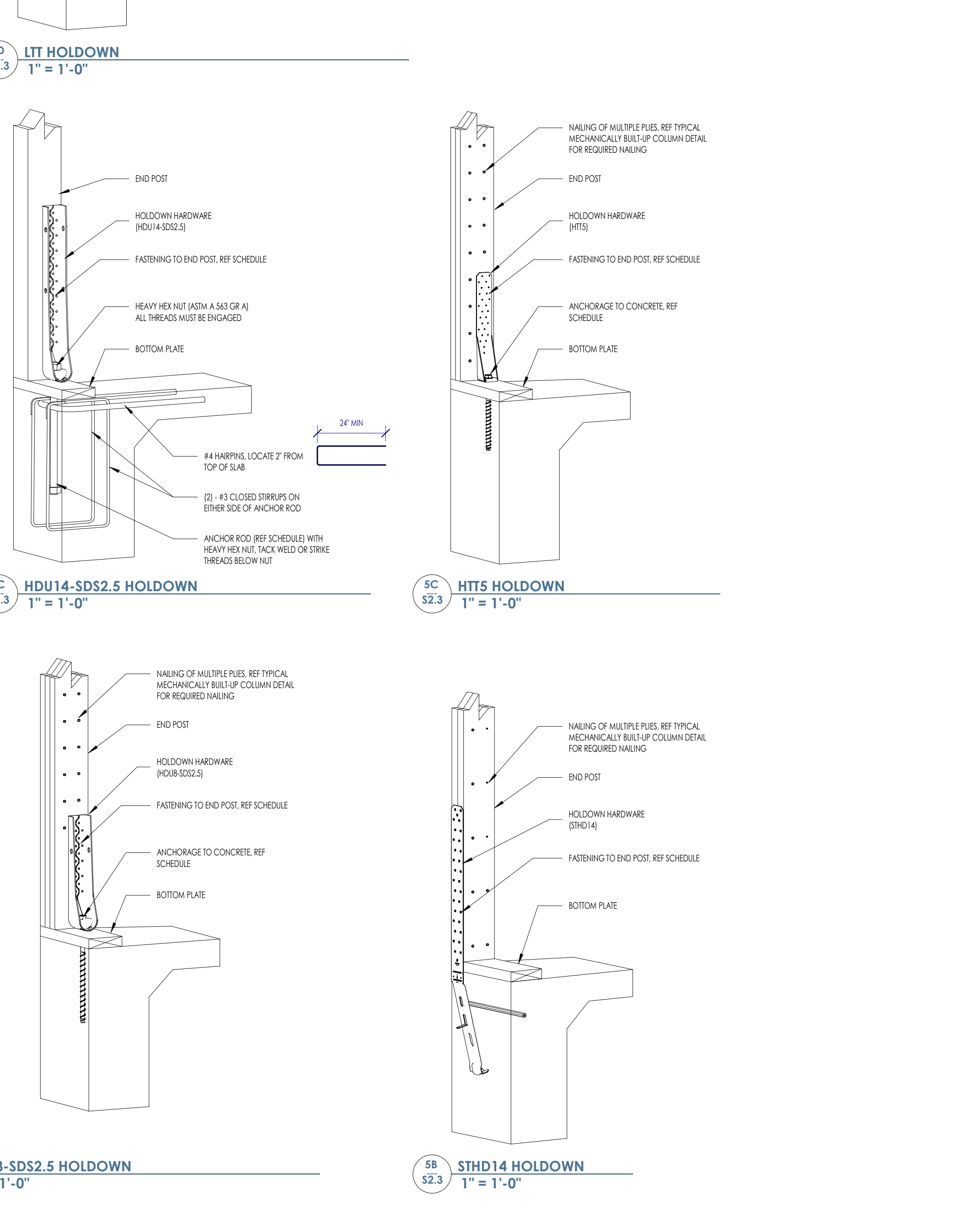
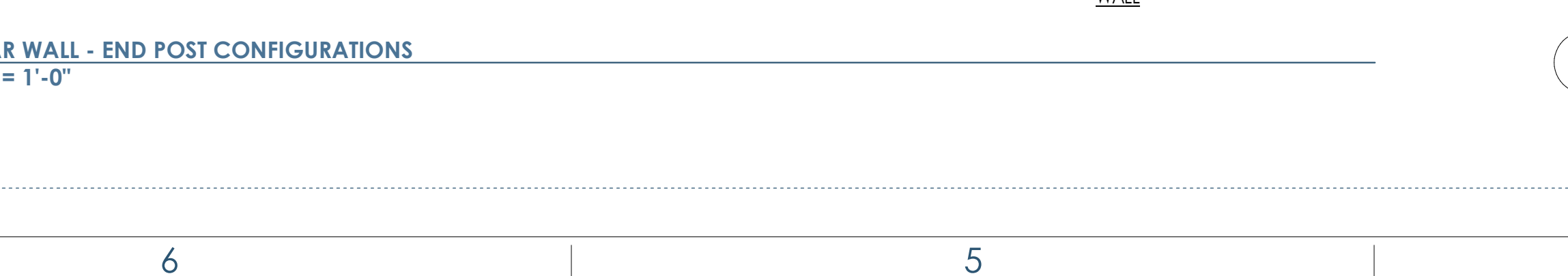
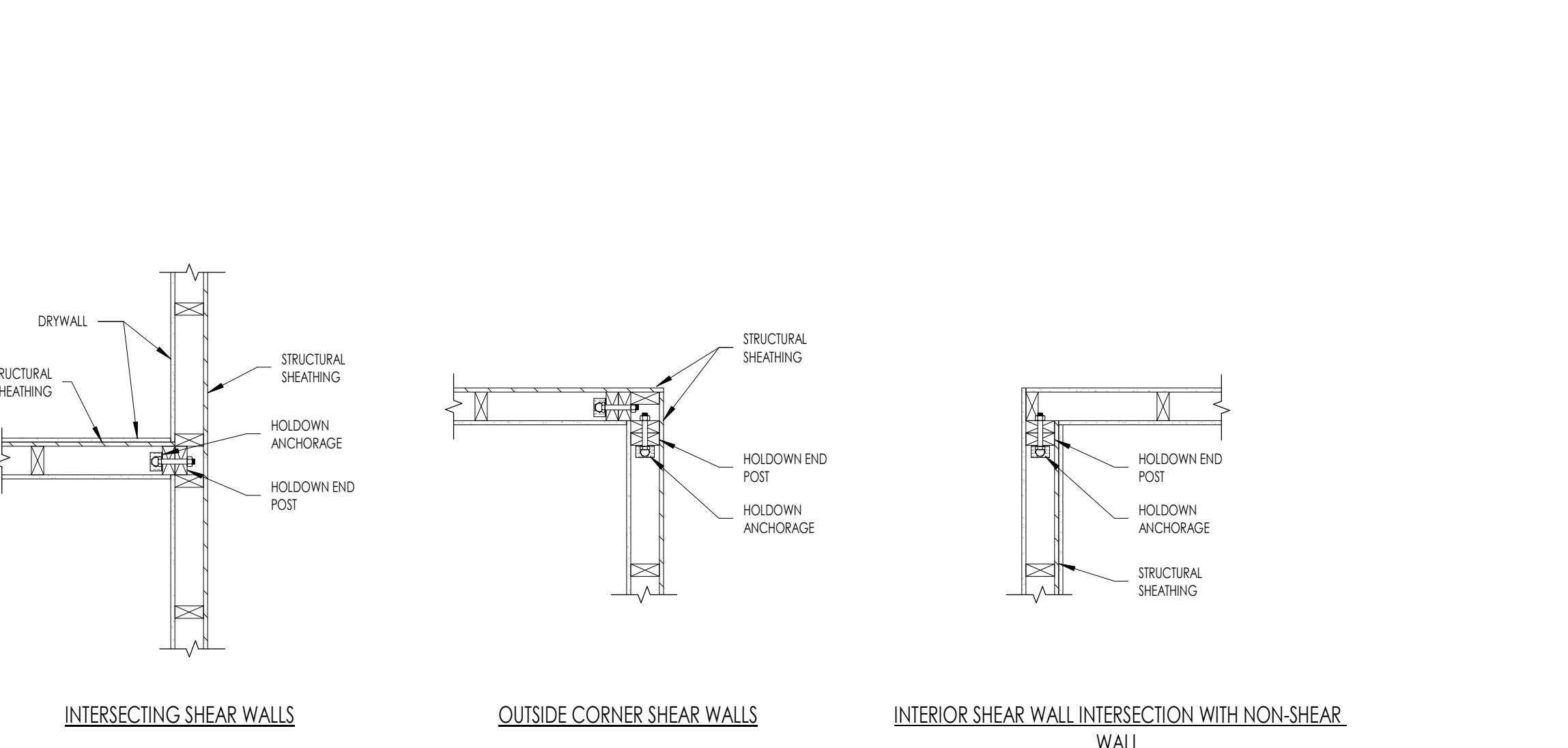
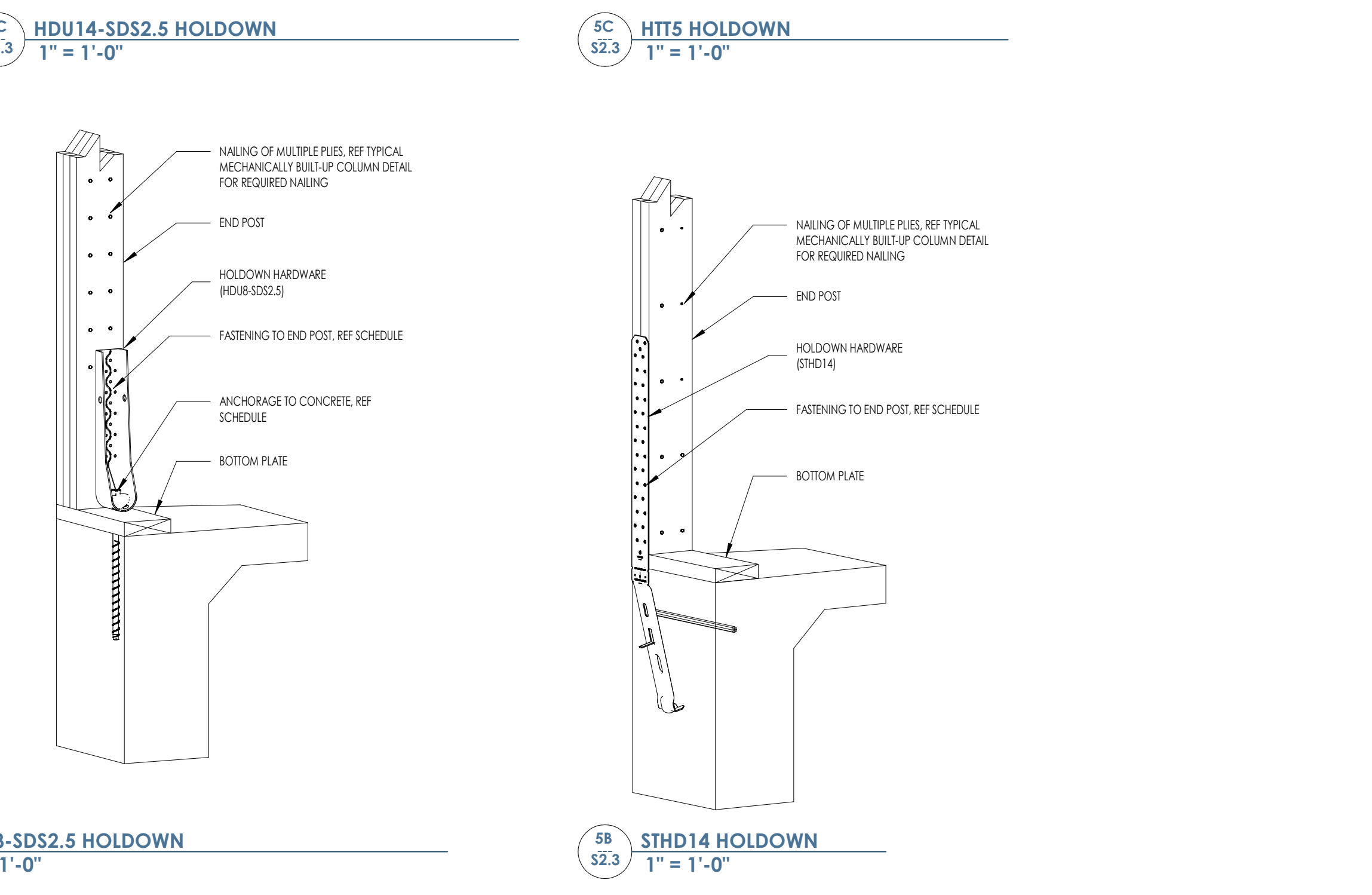
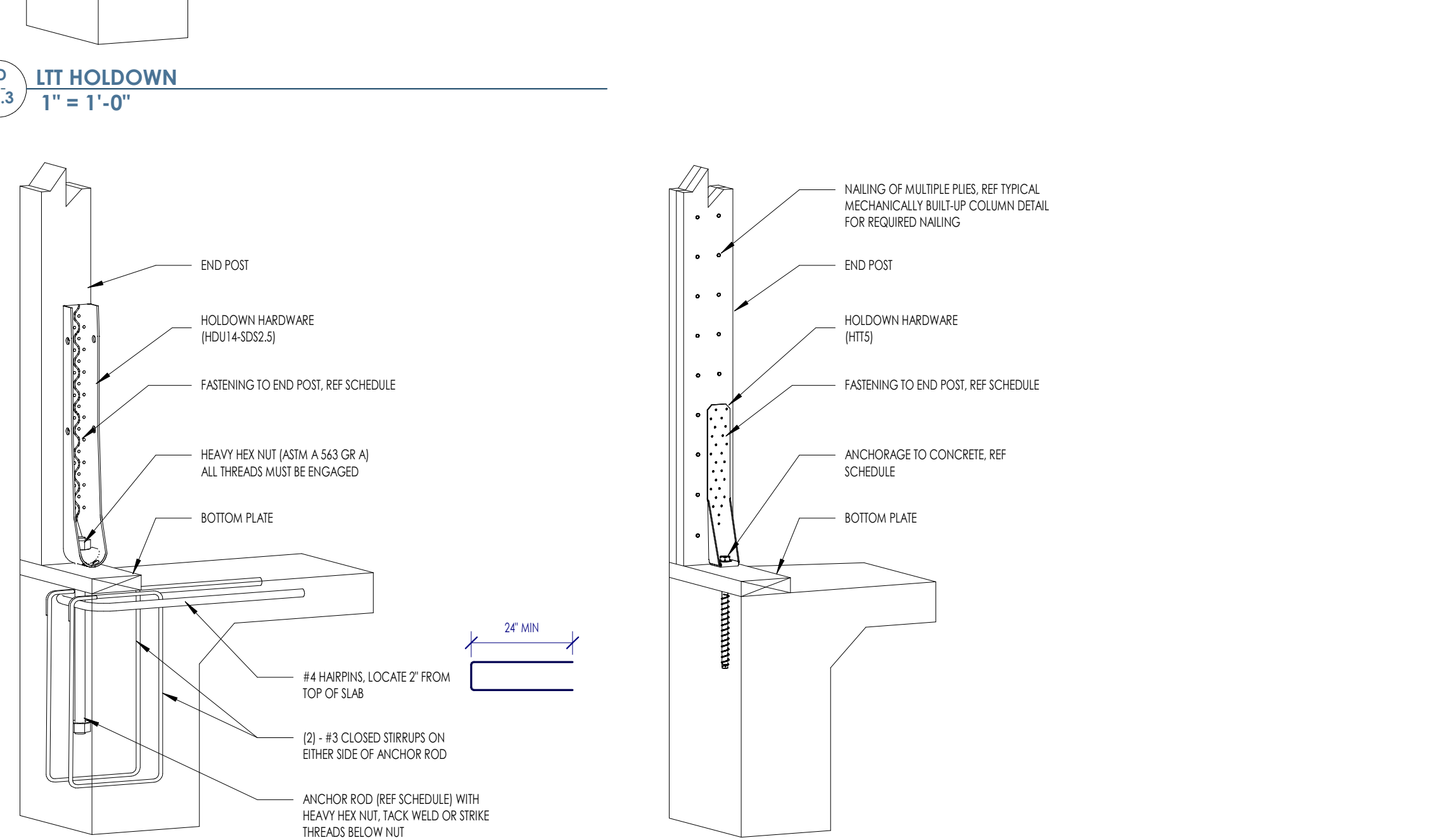
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4D
S2.3
SHEARWALL - FORCE TRANSFER AROUND OPENING (DOOR)
1/2" = 1'-0"

6A
S2.3
SHEAR WALL - END POST CONFIGURATIONS
3/4" = 1'-0"



6C
S2.3
HDU14-SDS2.5 HOLDOWN
1" = 1'-0"

5C
S2.3
HTS5 HOLDOWN
1" = 1'-0"

6C
S2.3
HDU8-SDS2.5 HOLDOWN
1" = 1'-0"

5B
S2.3
STHD14 HOLDOWN
1" = 1'-0"

6B
S2.3
HDU8-SDS2.5 HOLDOWN
1" = 1'-0"

6A
S2.3
SHEAR WALL - END POST CONFIGURATIONS
3/4" = 1'-0"

RENOVATION
Wranglers
ENGINEERS

Owner: Renovation Wranglers
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ARCHITECTURE

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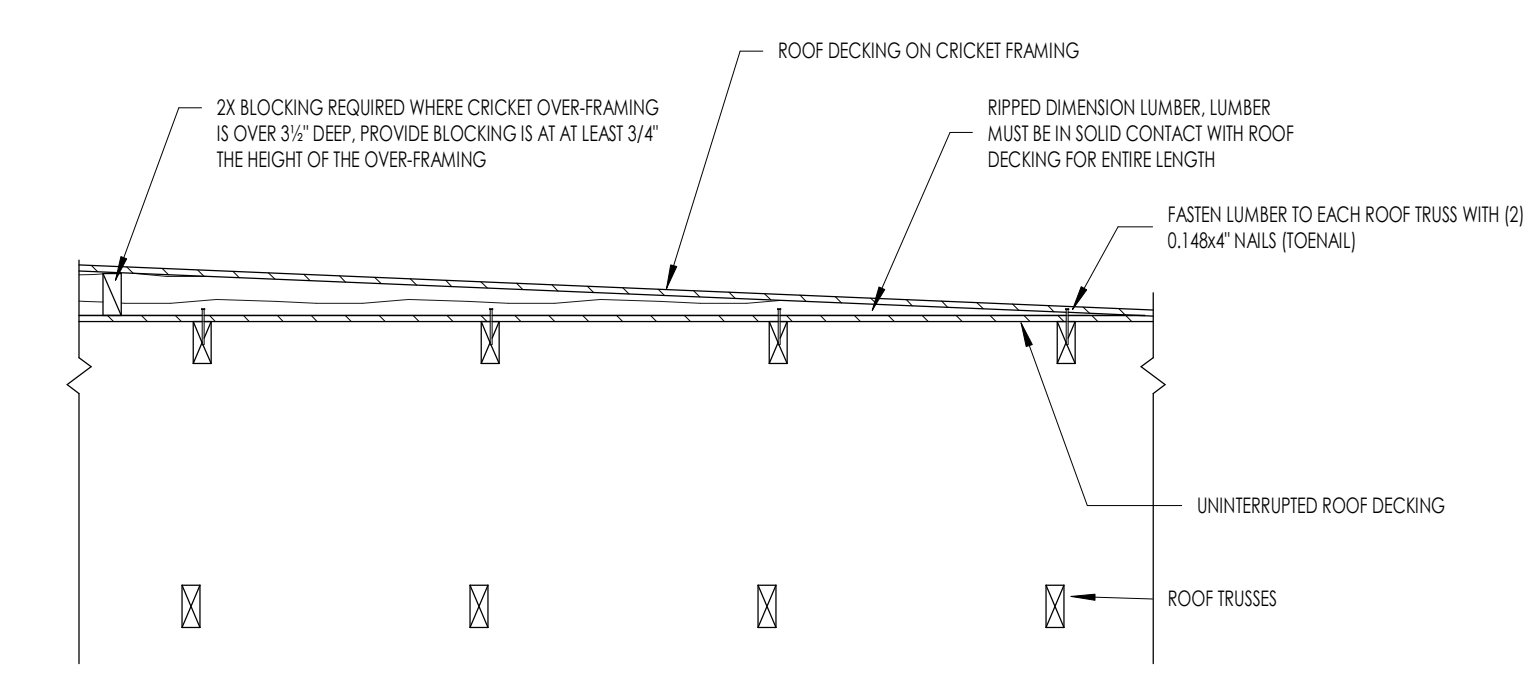
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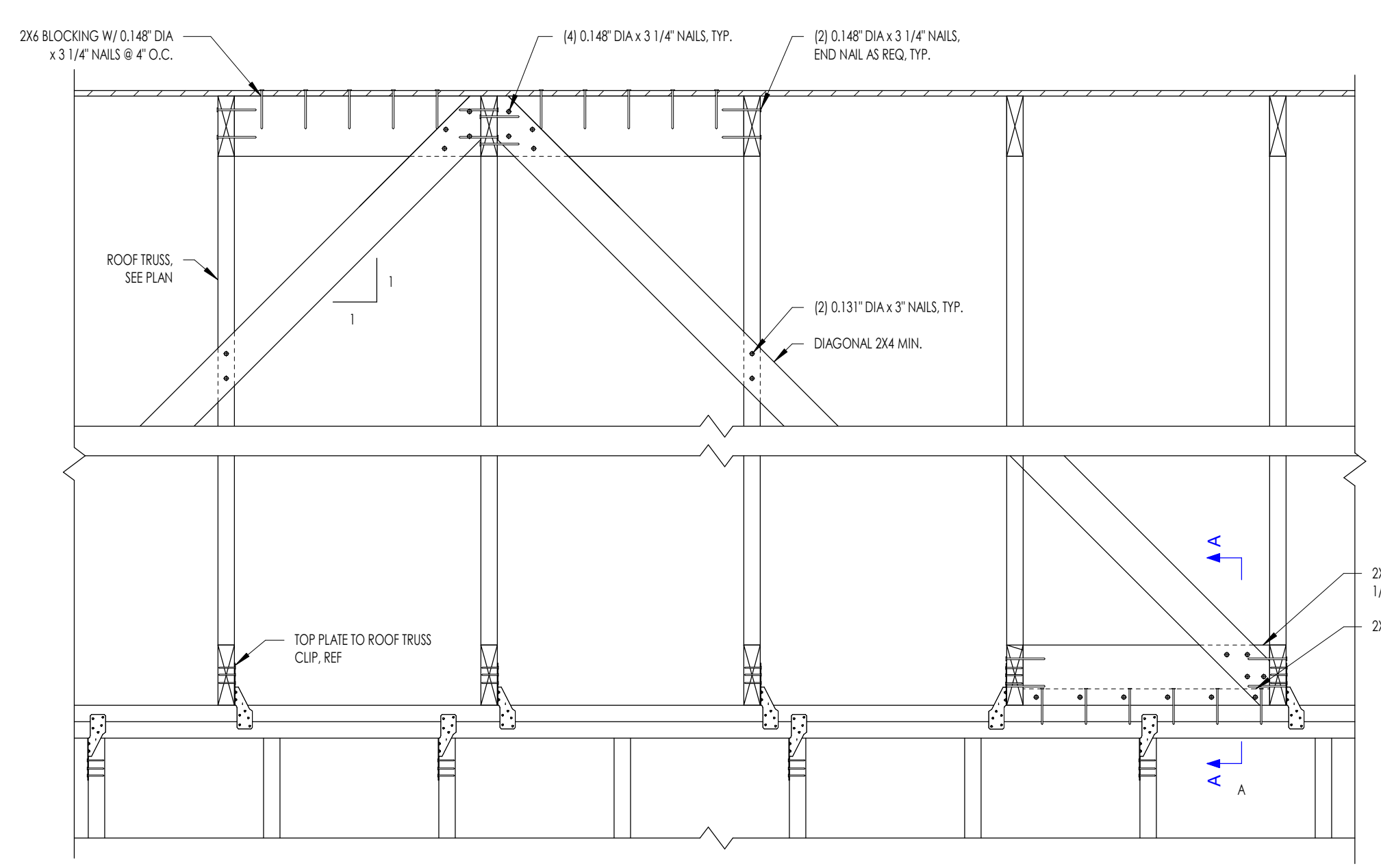
amc
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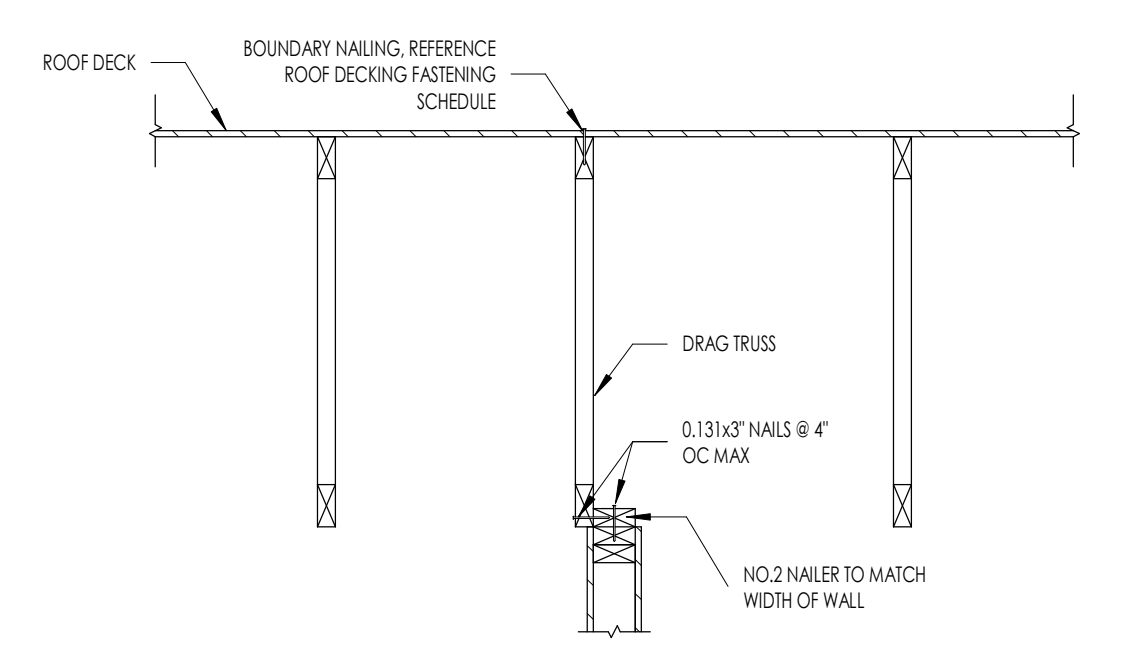
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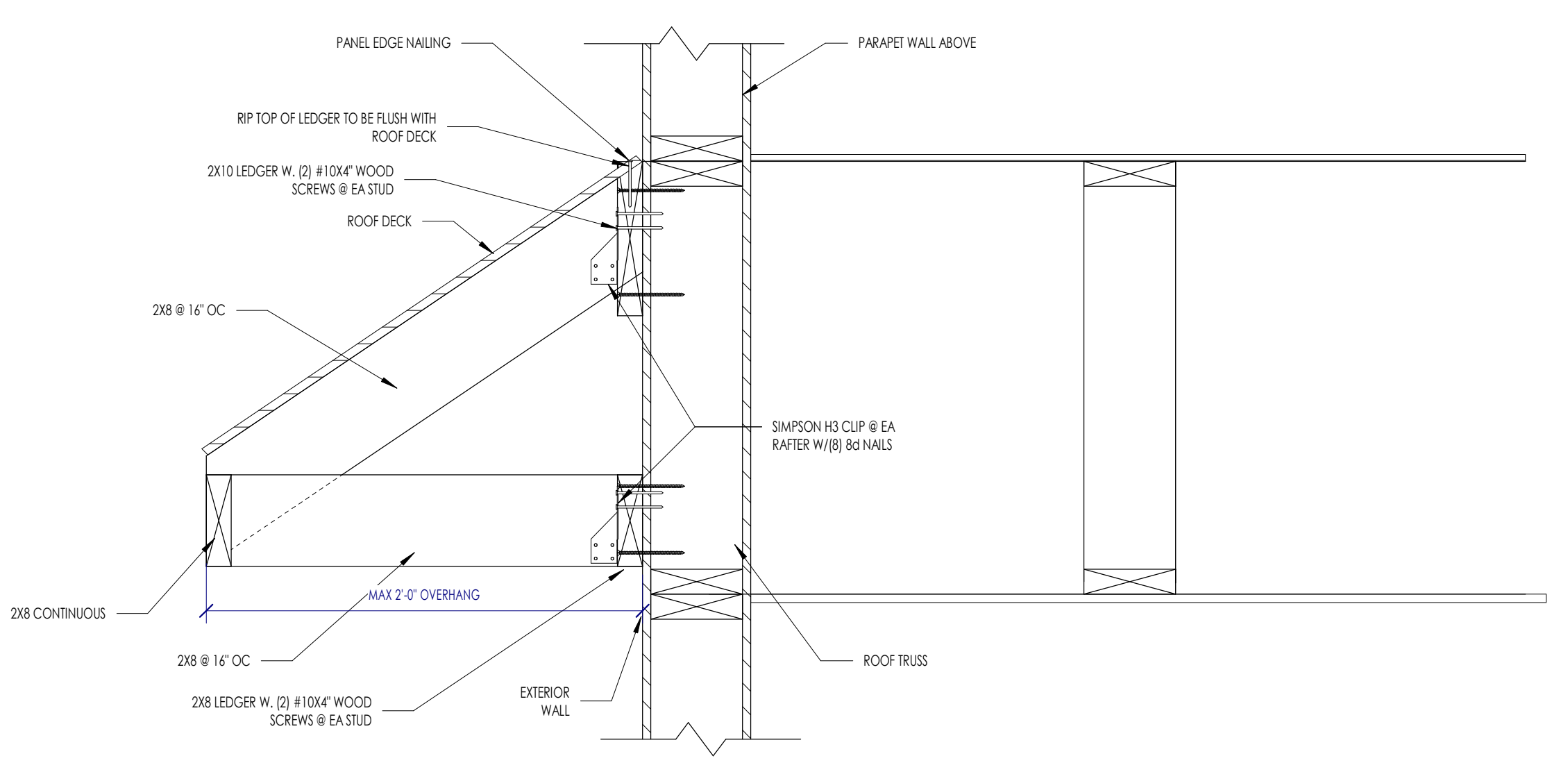
6E S2.4 TYPICAL CRICKET FRAMING AT ROOF
3/4" = 1'-0"



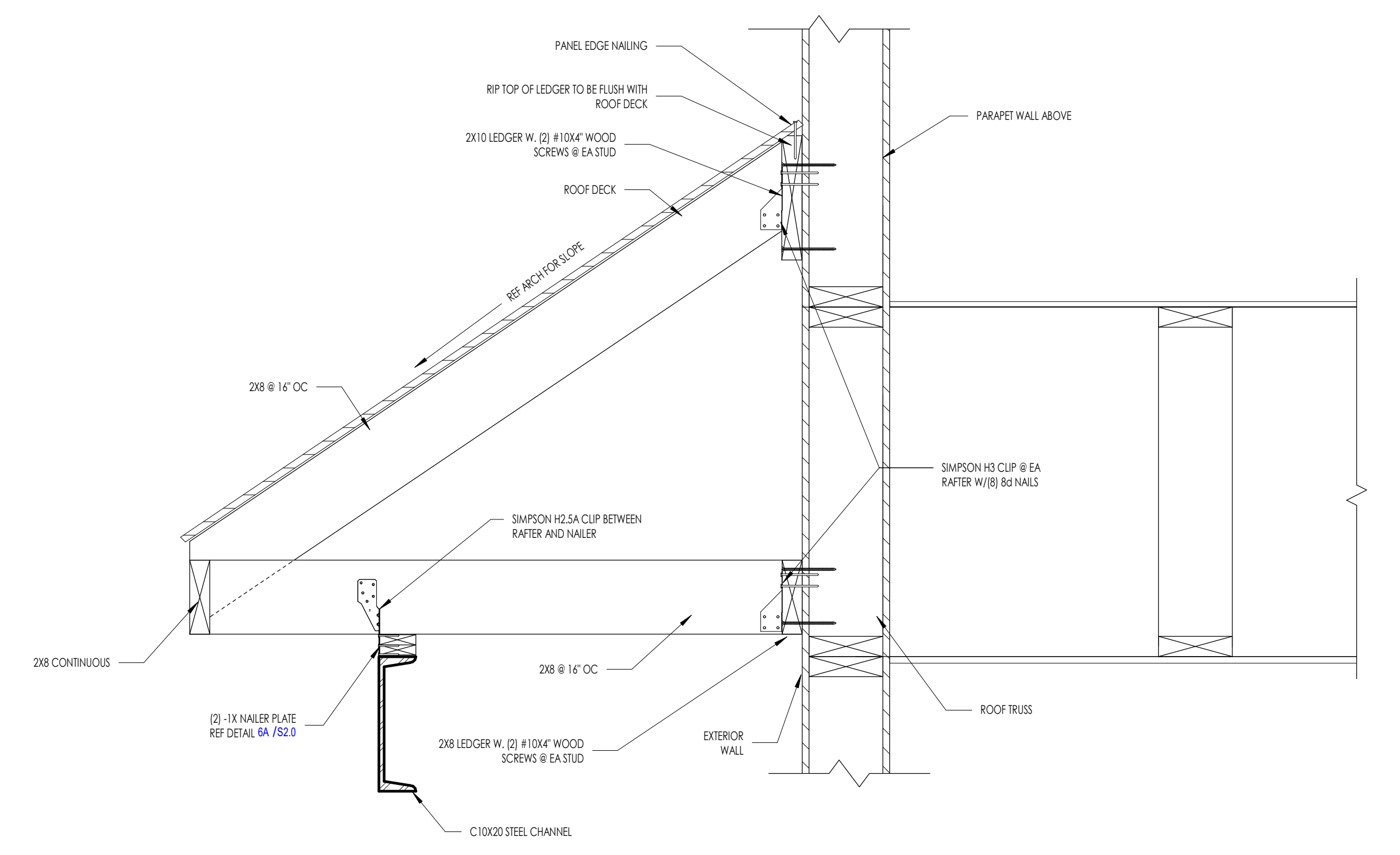
6C S2.4 061760 ROOF - BRACING AT INTERIOR SHEAR WALL
1" = 1'-0"



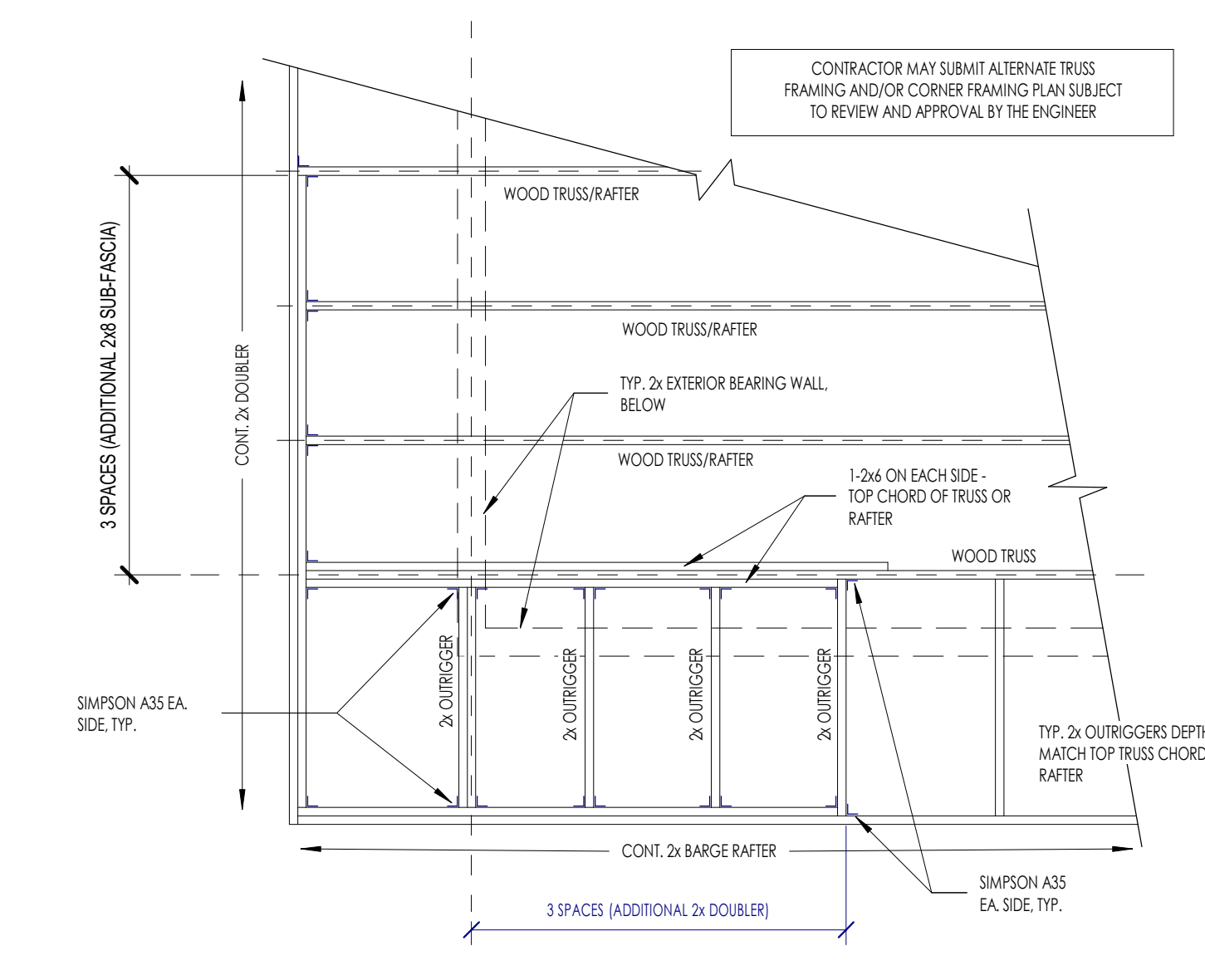
3C S2.4 TYPICAL DRAG TRUSS OVER INTERIOR SHEAR WALL
3/4" = 1'-0"



6A S2.4 ROOF - RAFTER ATTACHMENT INTO WALL
1 1/2" = 1'-0"



4A S2.4 ROOF - RAFTER ATTACHMENT INTO WALL - STEEL CHANNEL
1 1/2" = 1'-0"



2A S2.4 TYP. ROOF CORNER FRAMING DETAIL
1" = 1'-0"

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