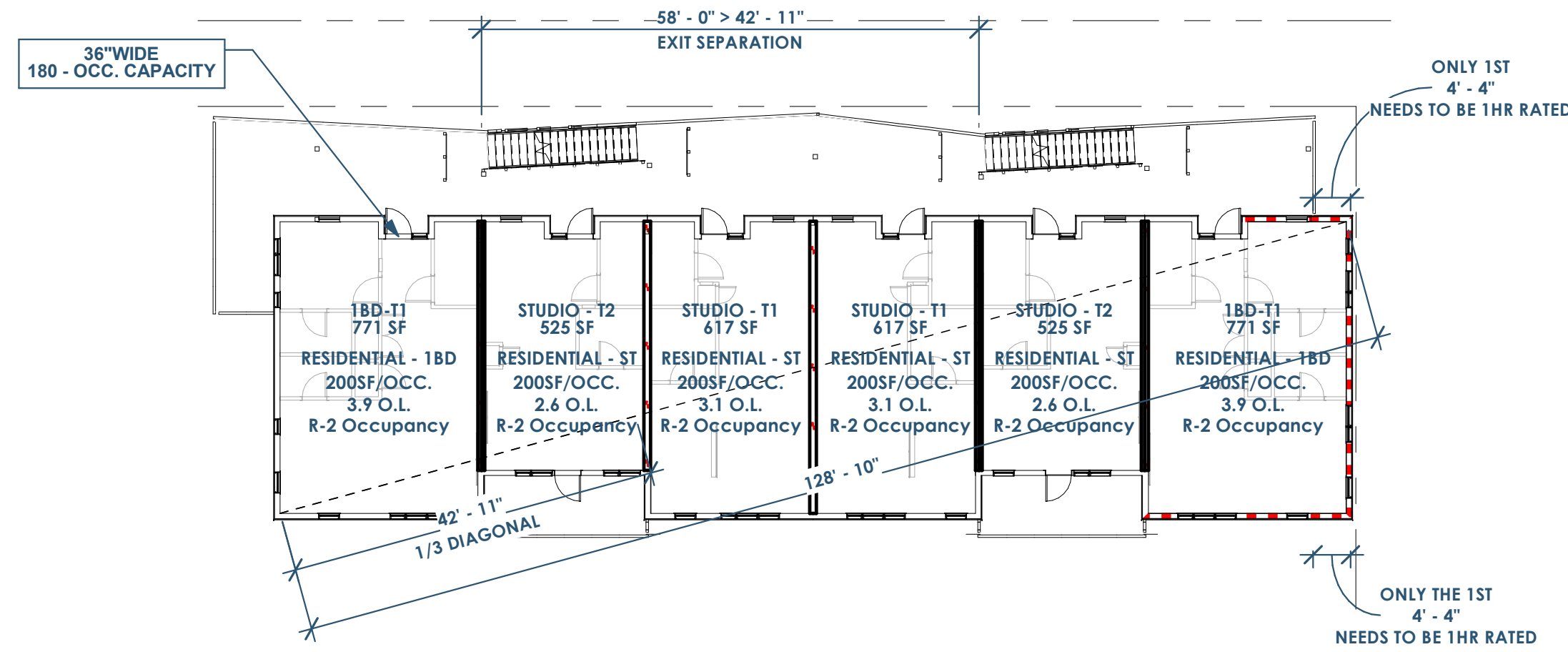
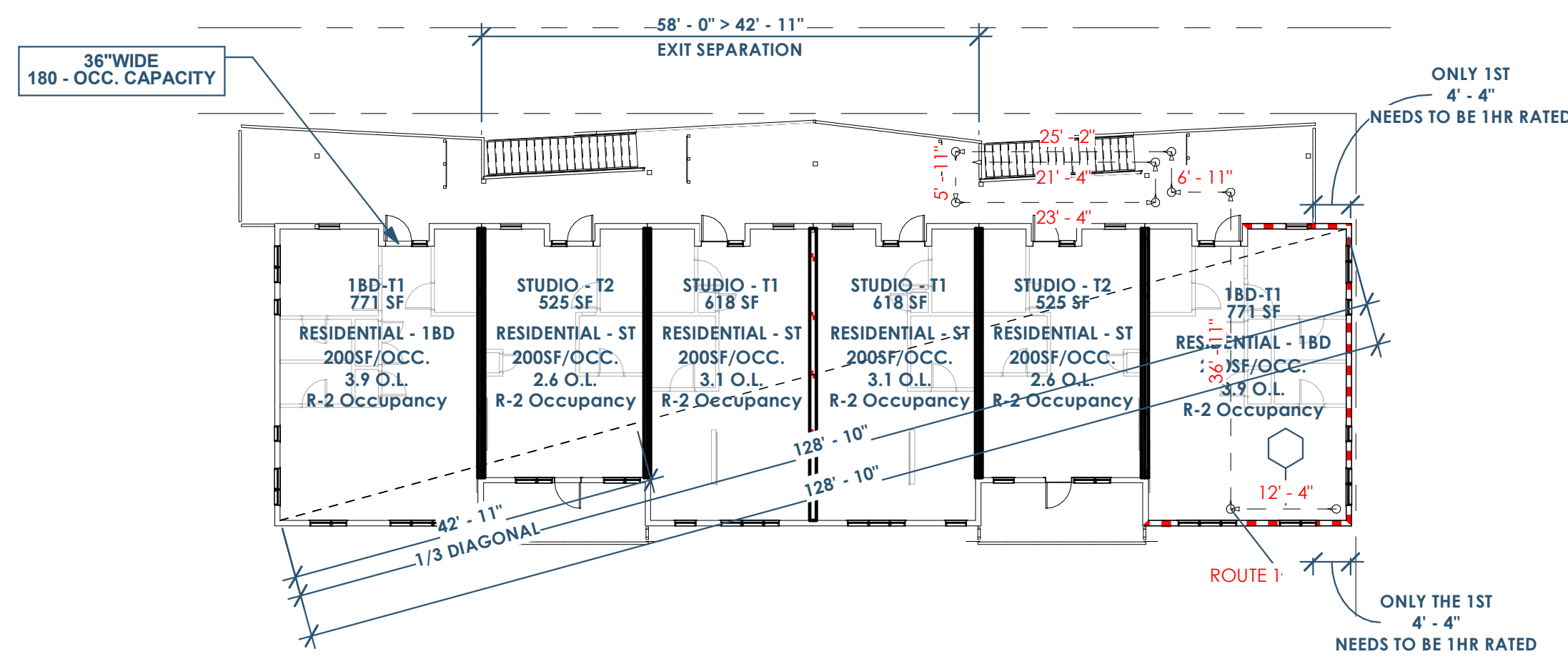


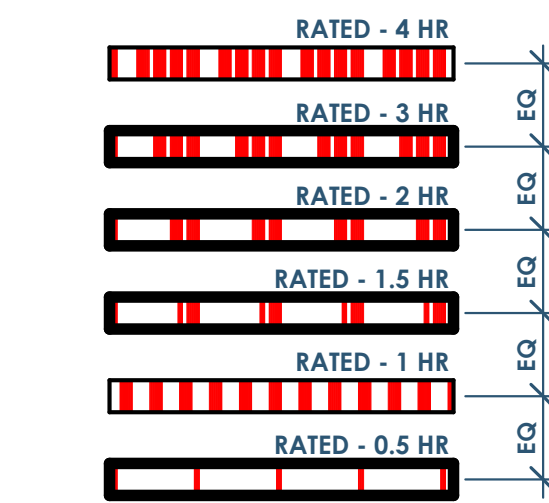
1 LIFE SAFETY - 1ST FLOOR
1/16" = 1'-0"



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	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	200	3.9
B117	1ST FLOOR	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	200	3.9
B118	2ND FLOOR	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	200	3.9
B123	2ND FLOOR	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	200	3.9
B124	3RD FLOOR	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	200	3.9
B129	3RD FLOOR	1BD-T1	R-2	771 SF	RESIDENTIAL - 1BD	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

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

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 Houston, TX 77019
 isa@lkbarchitecture.com | 713.425.3076

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

AMC ENGINEERS
 MEP: AMC Engineers
 508 E Jackson St # 552
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 info@amcengineers.com

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openingdesign
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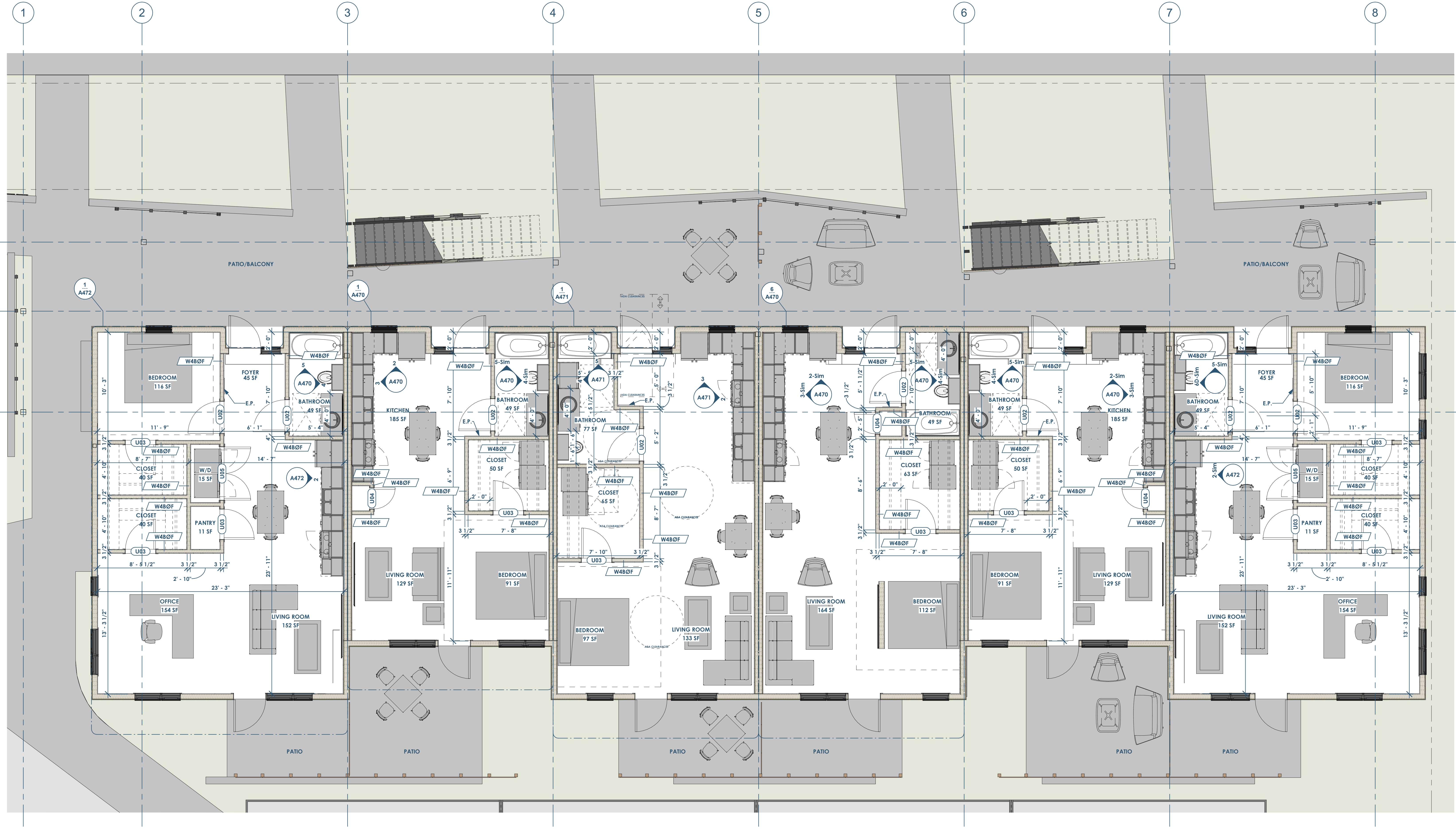
Date	Description
04.16.2022	Progress Set

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

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

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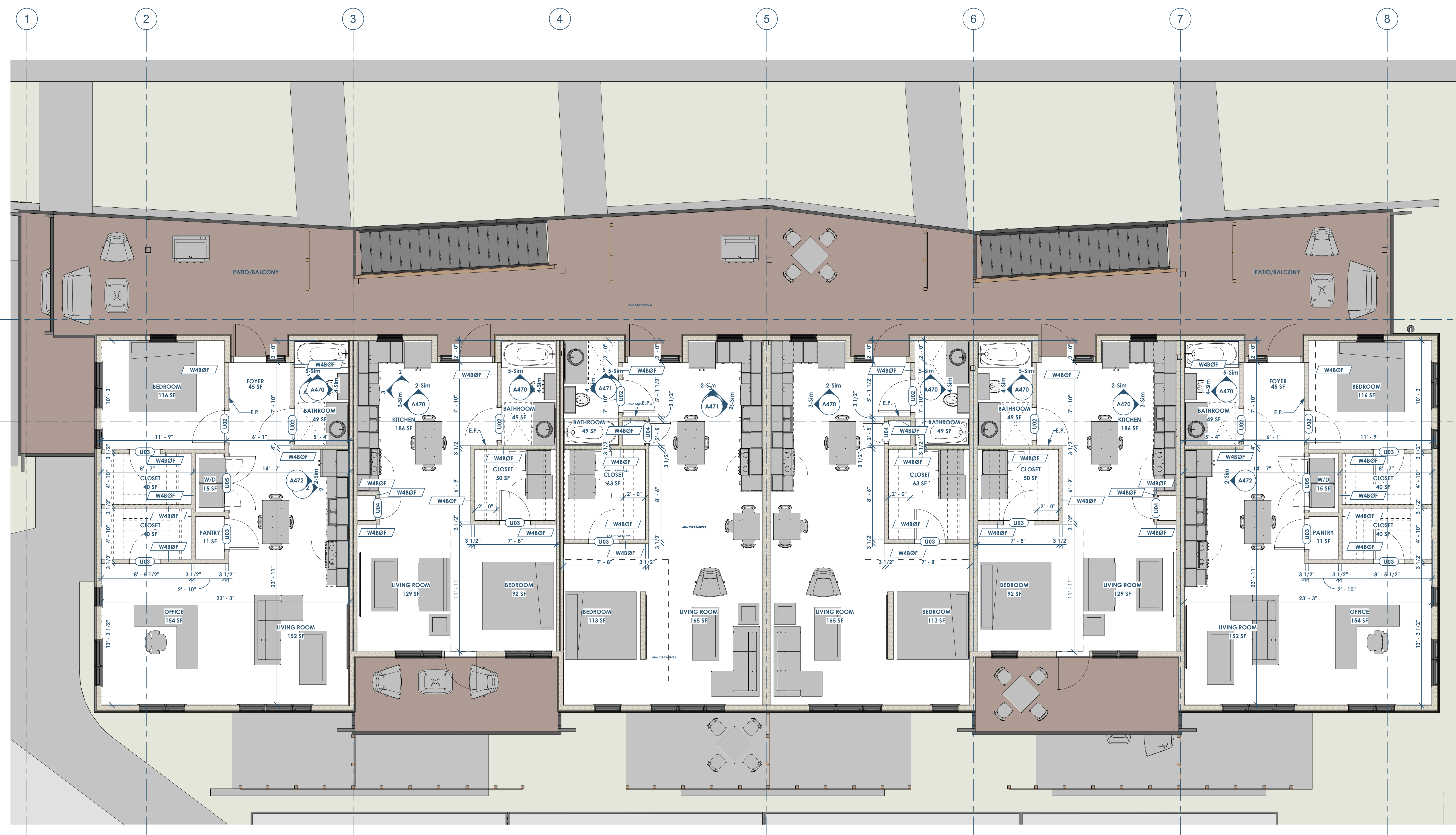
Date	Description
04.16.2022	Progress Set

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

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1 FLOOR PLAN - 3RD FLOOR
1/4" = 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
102 E 26th St
Bryan, TX 77803
Katherine@wranglers.com | 979.450.9969

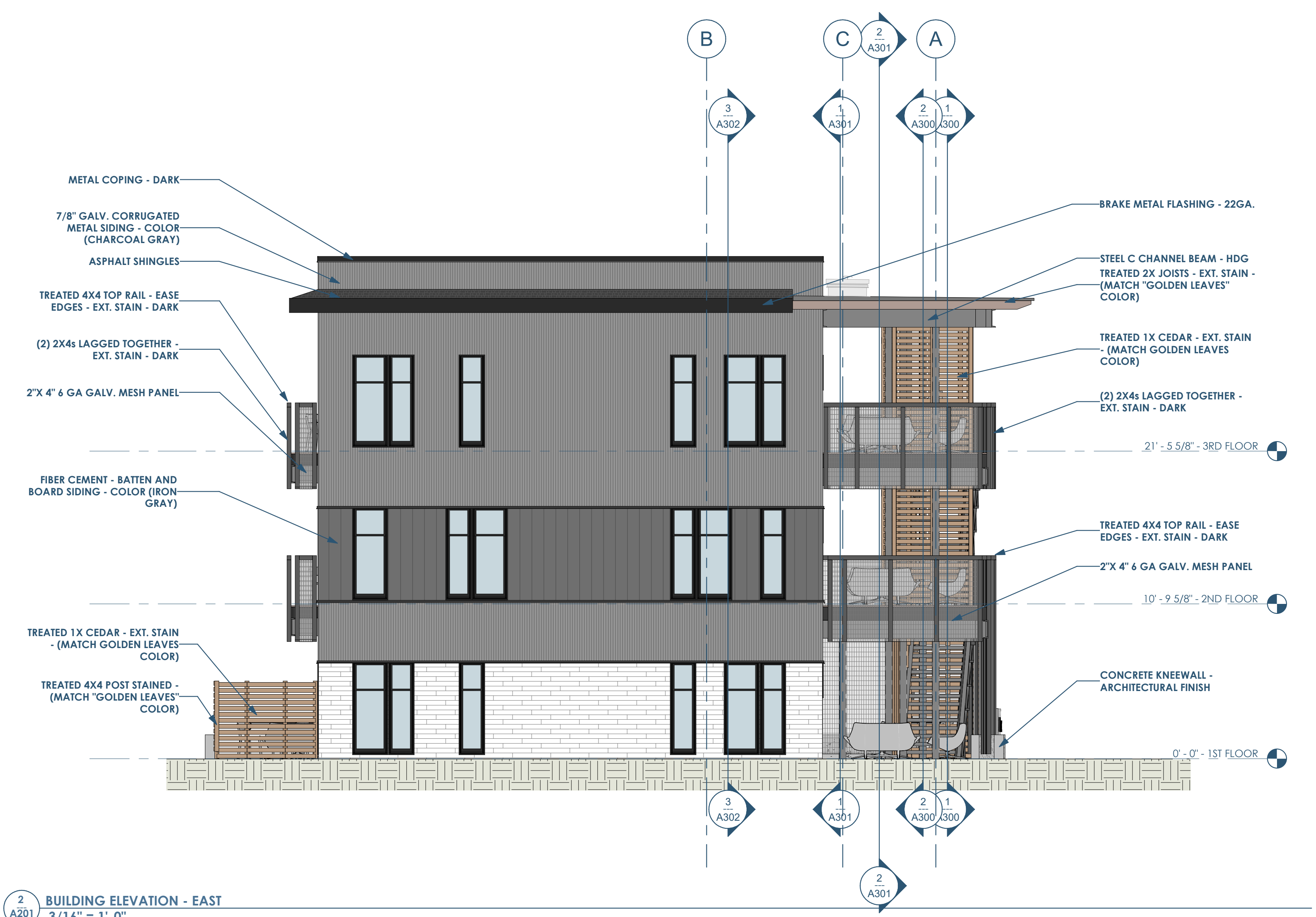
ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
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isa@lkbarchitecture.com | 713.425.3076

STRUCTURAL
Structural: Dudley
4102 Imperial Loop Drive
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MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
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1 BUILDING ELEVATION - SOUTH
3/16" = 1'-0"

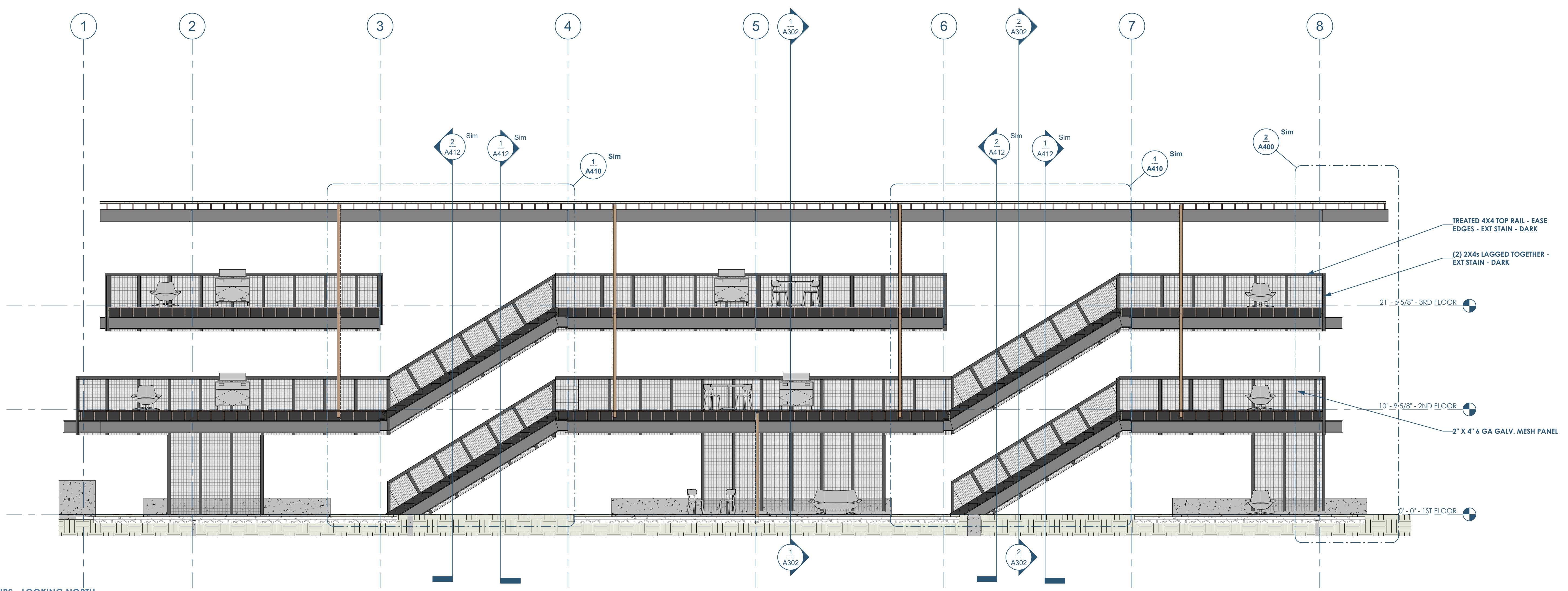
2 BUILDING ELEVATION - EAST
3/16" = 1'-0"



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Date	Description
04.16.2022	Progress Set



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



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

RENOVATION
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ENGINEERS

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102 E 26th St
Bryan, TX 77803
kate@renovations.com | 979.450.9969

LKB
ARCHITECTURE

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isa@lkbarchitecture.com | 713.425.3076

DUDLEY
STRUCTURAL

Structural: Dudley
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ENGINEERS

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info@amcengineers.com

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Architect: OpeningDesign
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Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

Date	Description
04.16.2022	Progress Set

RENOVATION Wranglers
 Owner: Renovation Wranglers
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 Katerineasonline.com | 979.450.9969

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

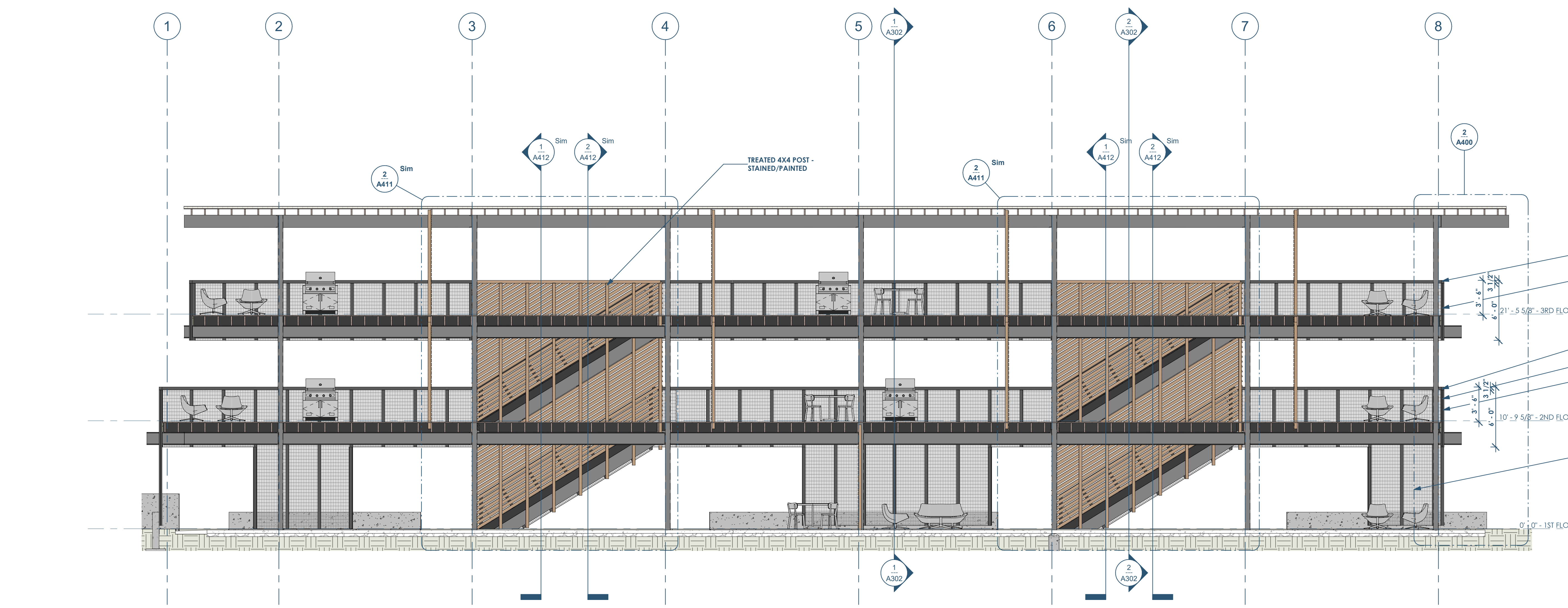
DUDLEY
 Structural: Dudley
 6102 Imperial Loop Drive
 College Station, TX 77845
 (979) 777-0720

amc ENGINEERS
 MEP: AMC Engineers
 508 E Jackson St # 552
 Burnet, TX 78611
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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
 17 S Fairchild | FL 7
 Madison, WI 53703
 ryan@openingdesign.com | 773.425.6456

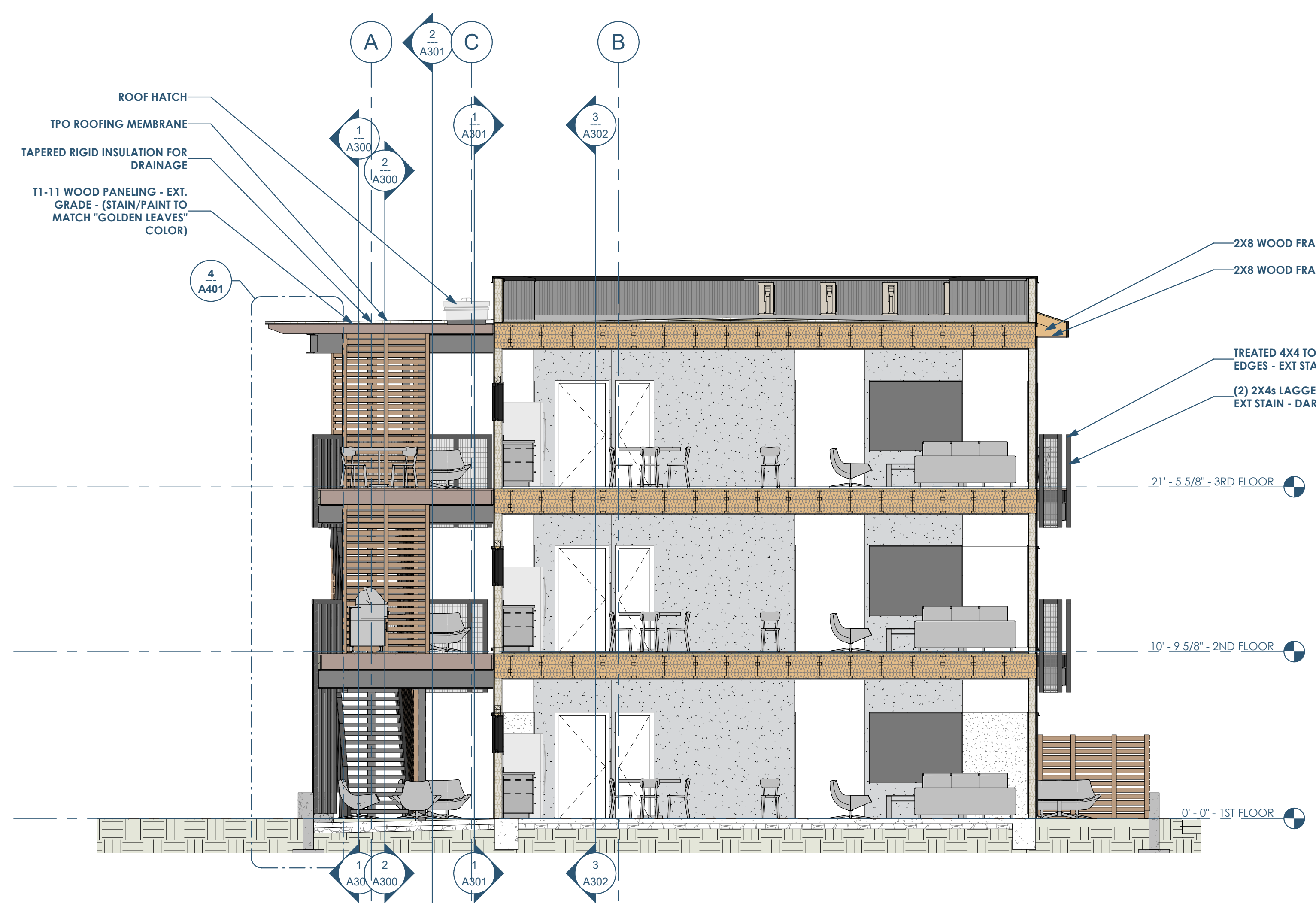
RENOVATION
Wranglers
Engineers

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

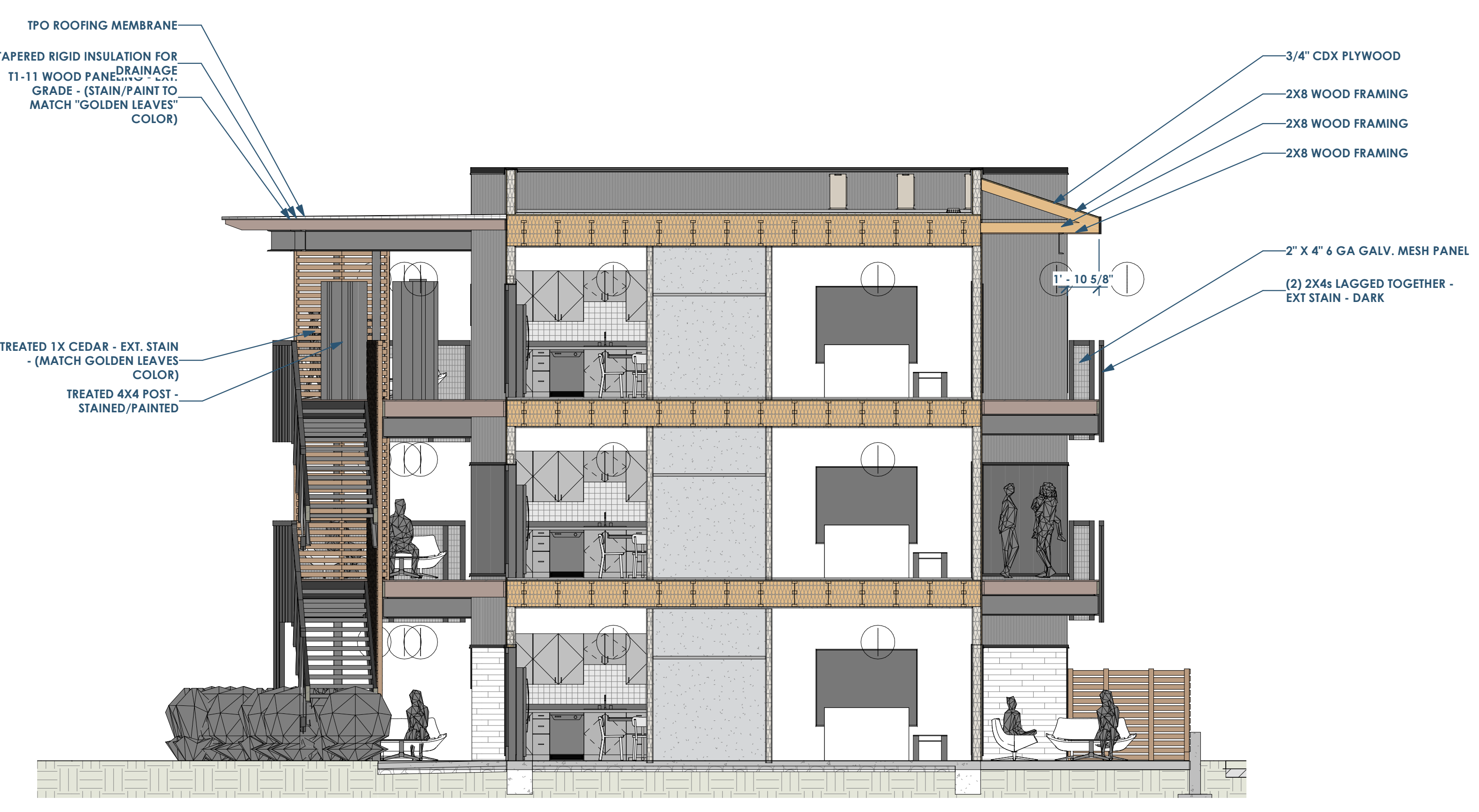
ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
Houston, TX 77019
isa@lkbarchitecture.com | 713.425.3076

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

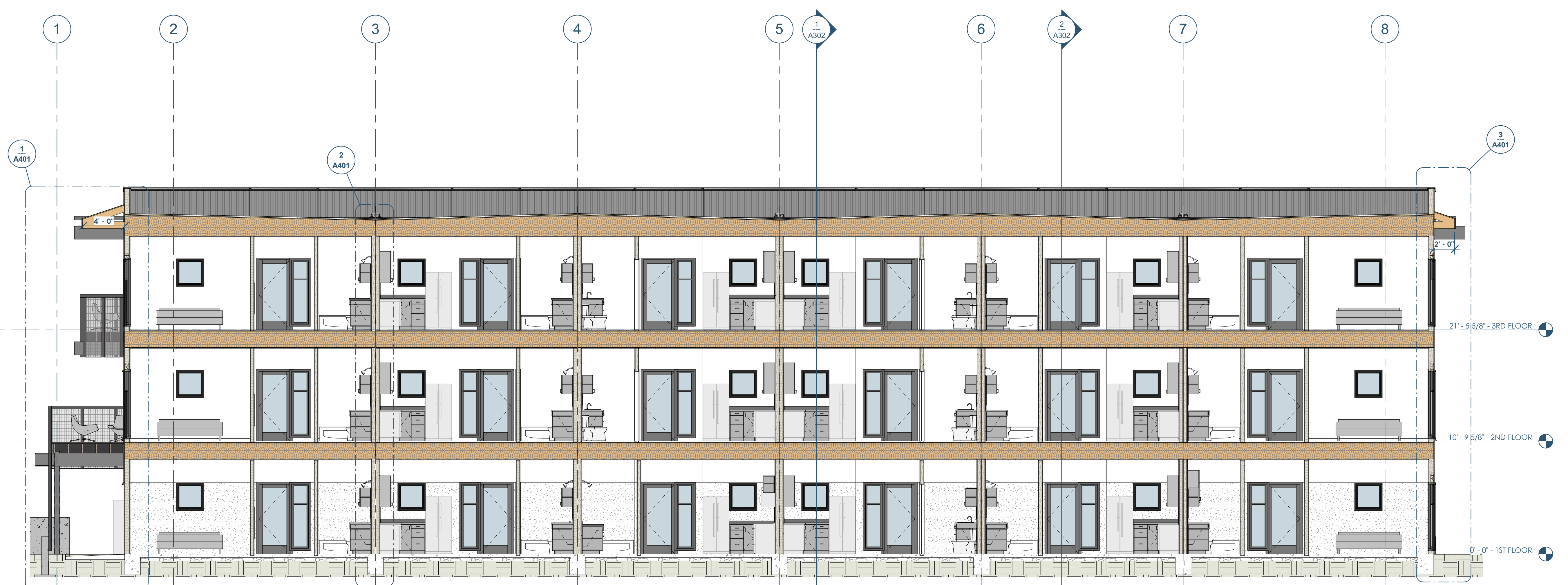
amc
ENGINEERS
MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com



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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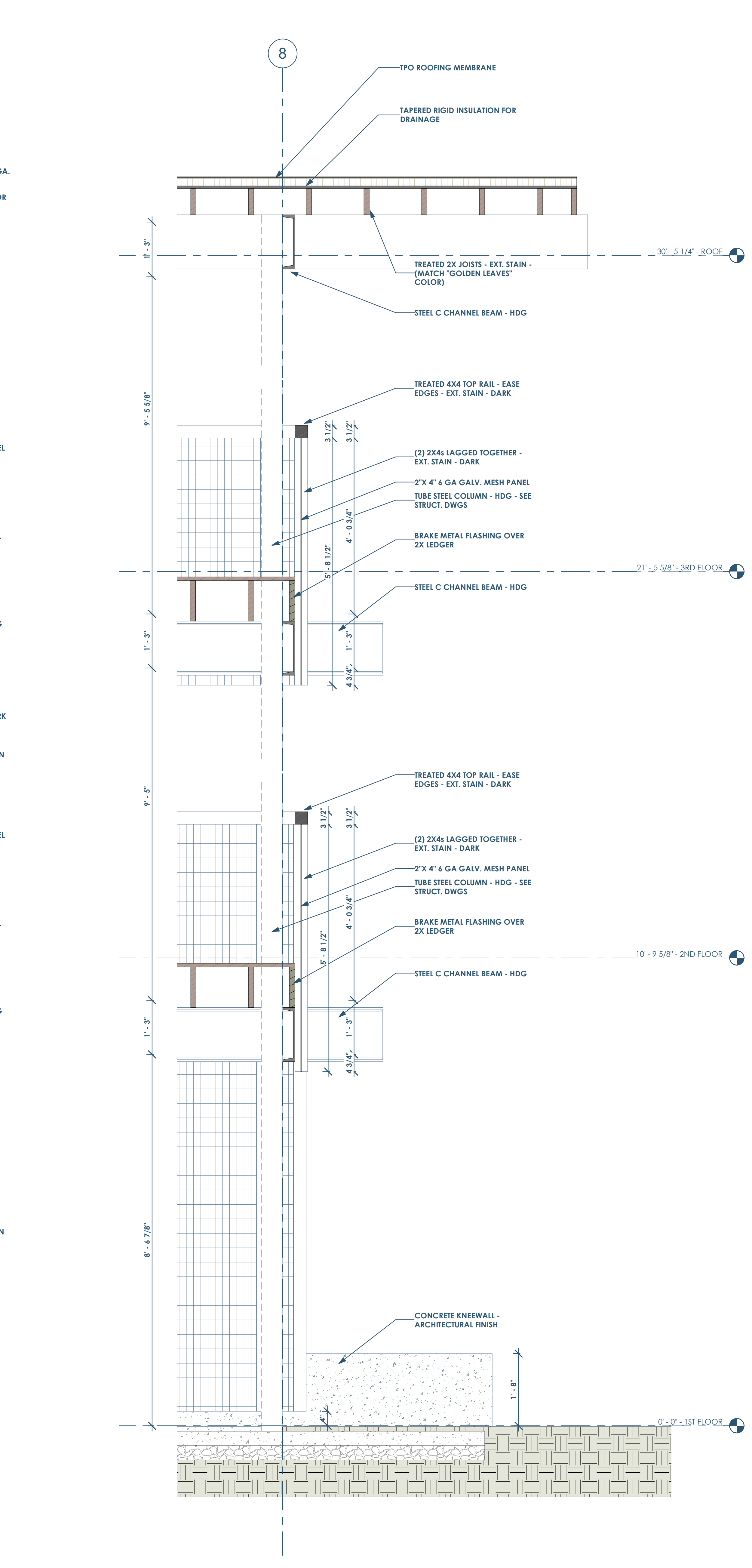
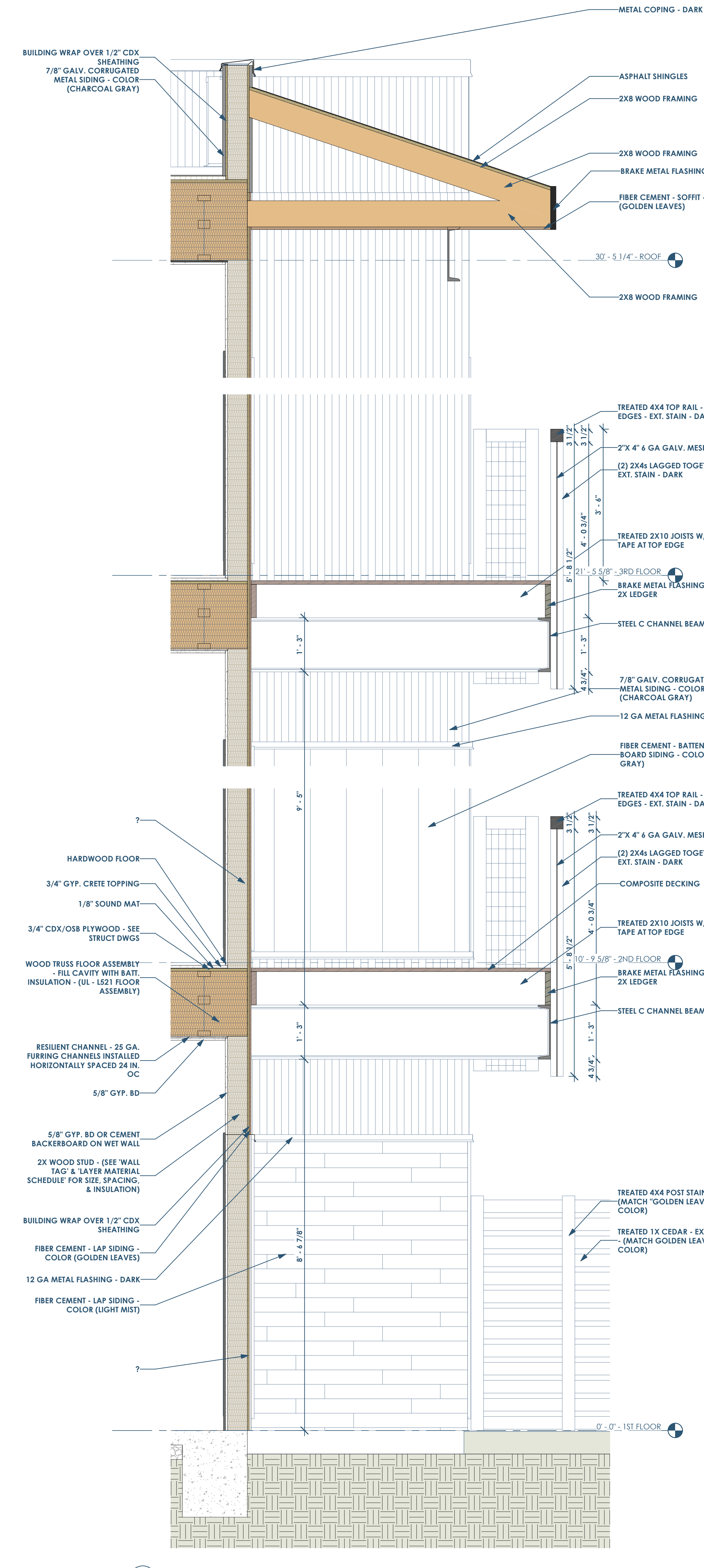
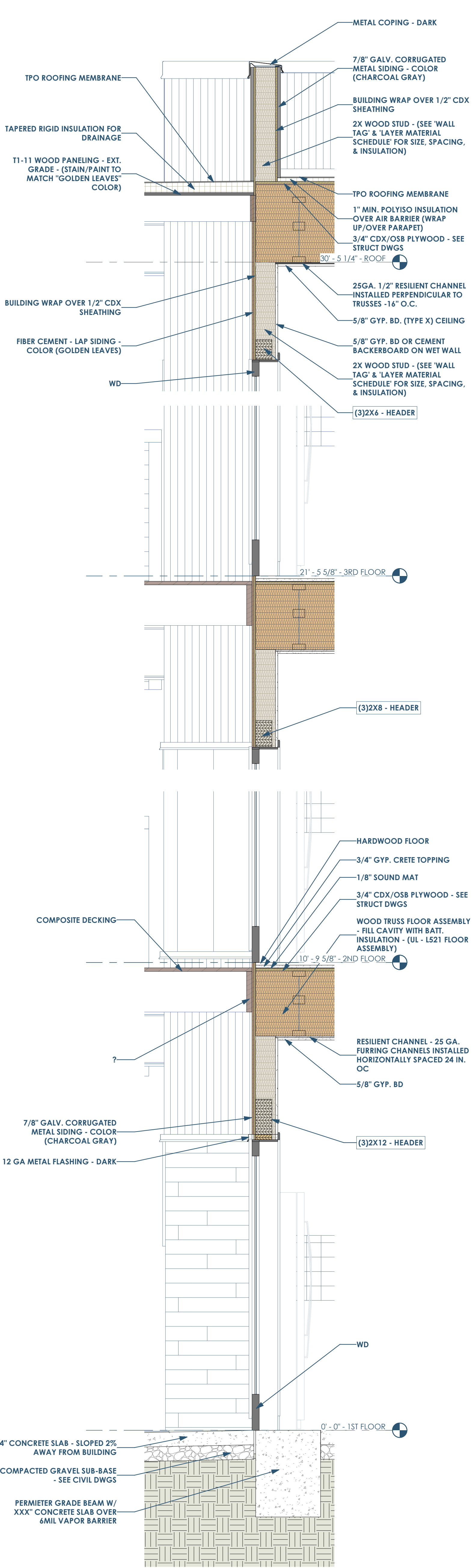
openingdesign

Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

Date	Description
04.16.2022	Progress Set

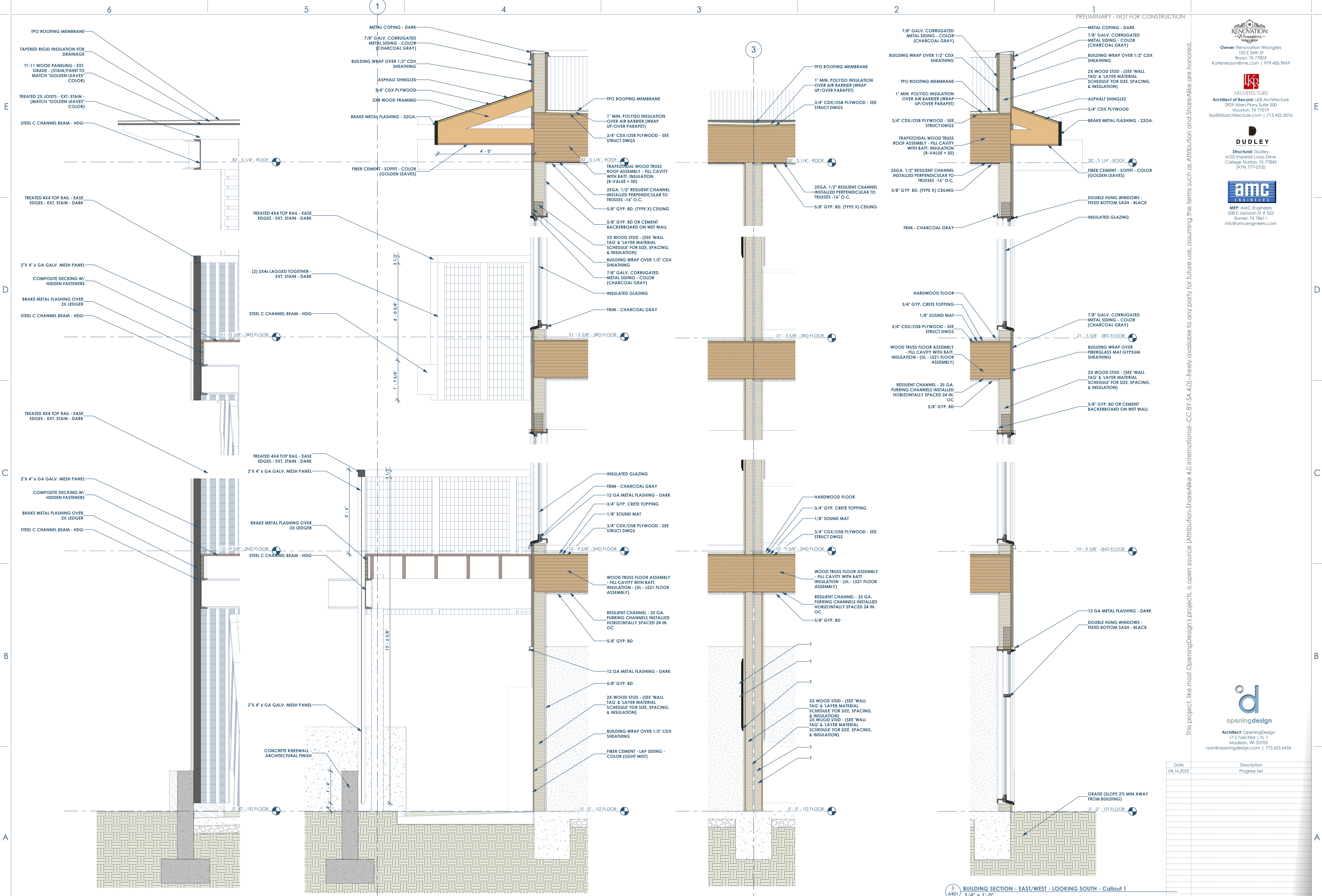
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Date	Description
04.16.2022	Progress Set



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

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



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

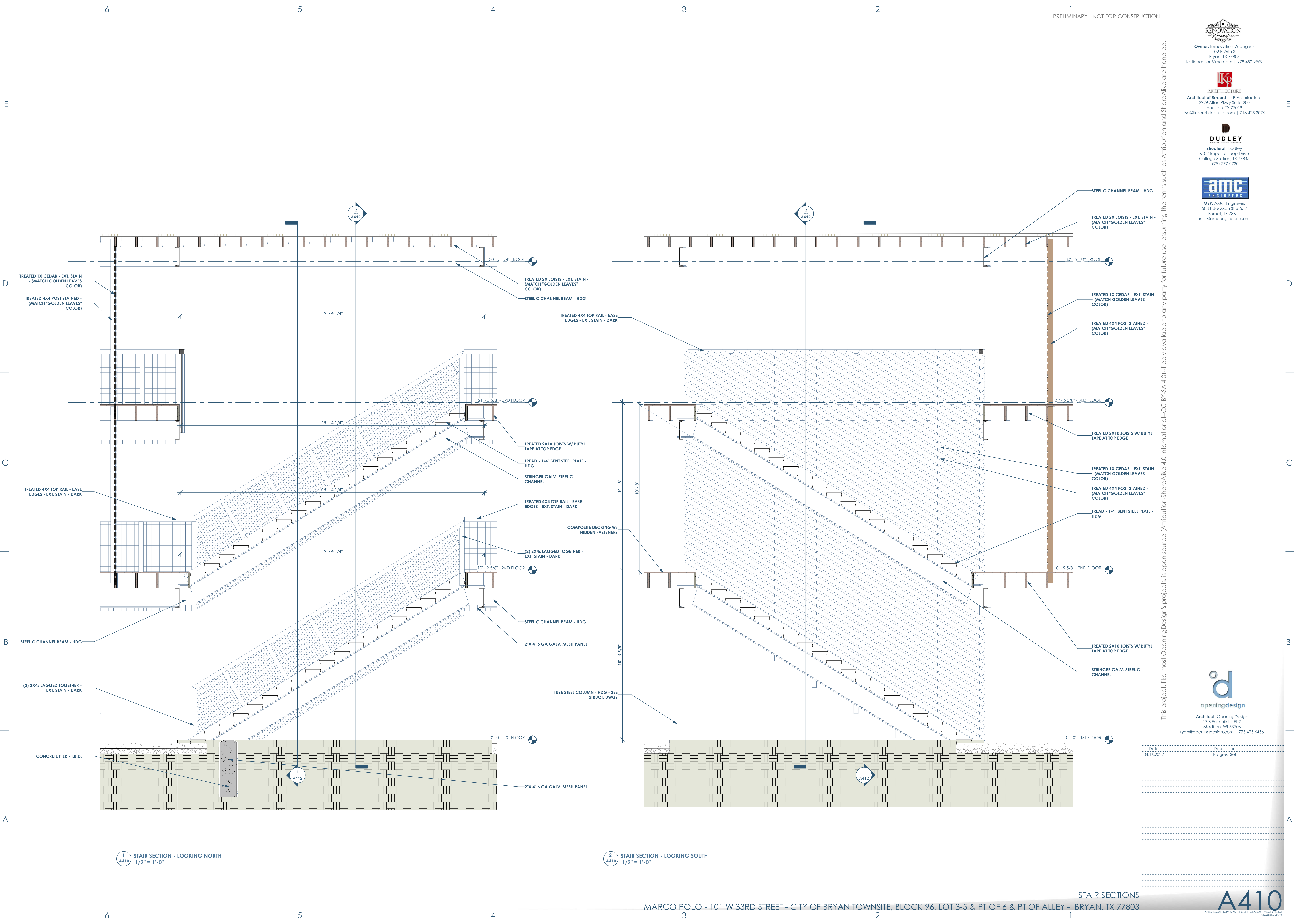
ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
Houston, TX 77019
lisa@lkbarchitecture.com | 713.425.3076

STRUCTURAL: DUDLEY
4102 Imperial Loop Drive
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MEP: AMC ENGINEERS
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info@amcengineers.com

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Architect: OpeningDesign
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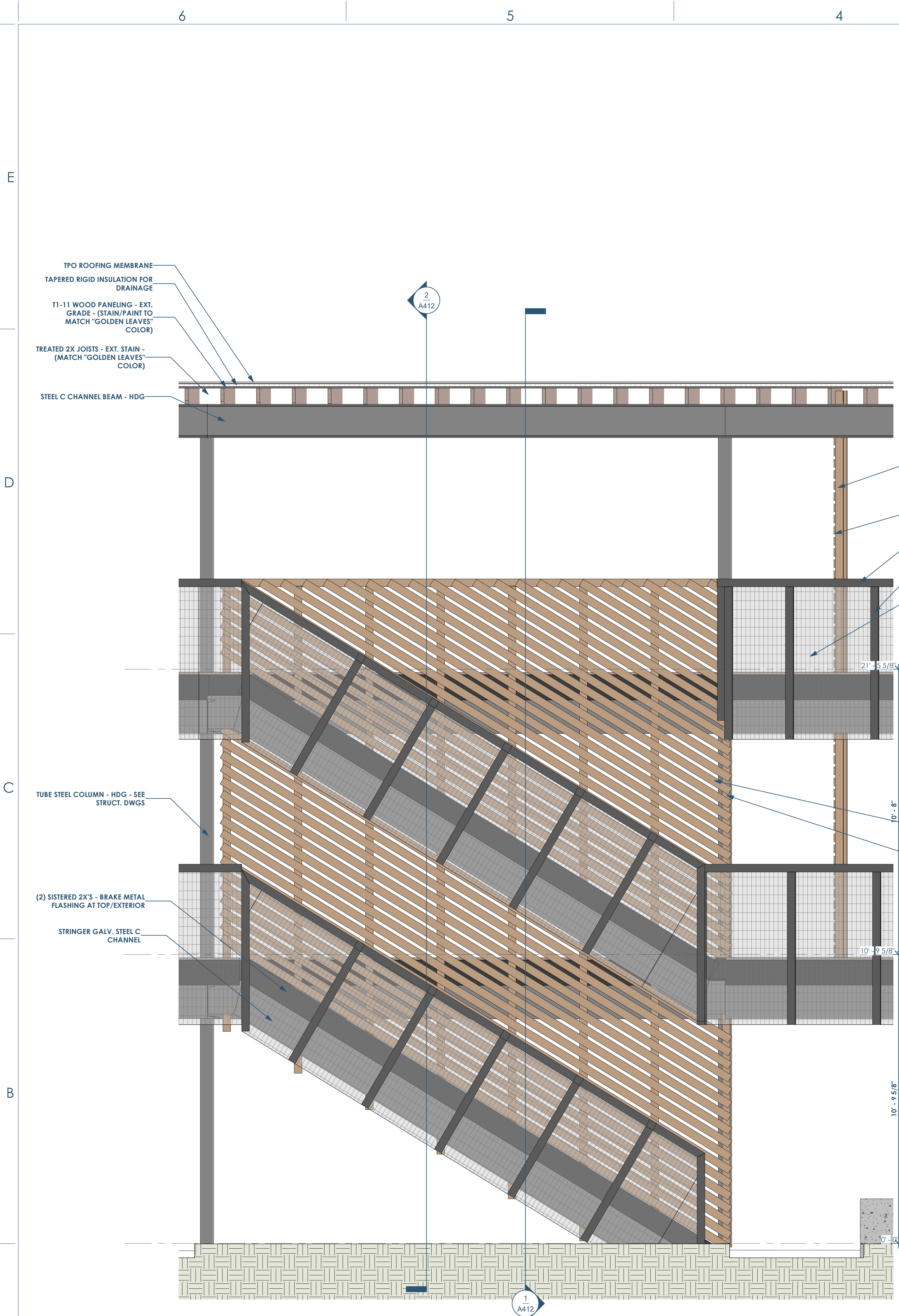
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Date	Description
04.16.2022	Progress Set

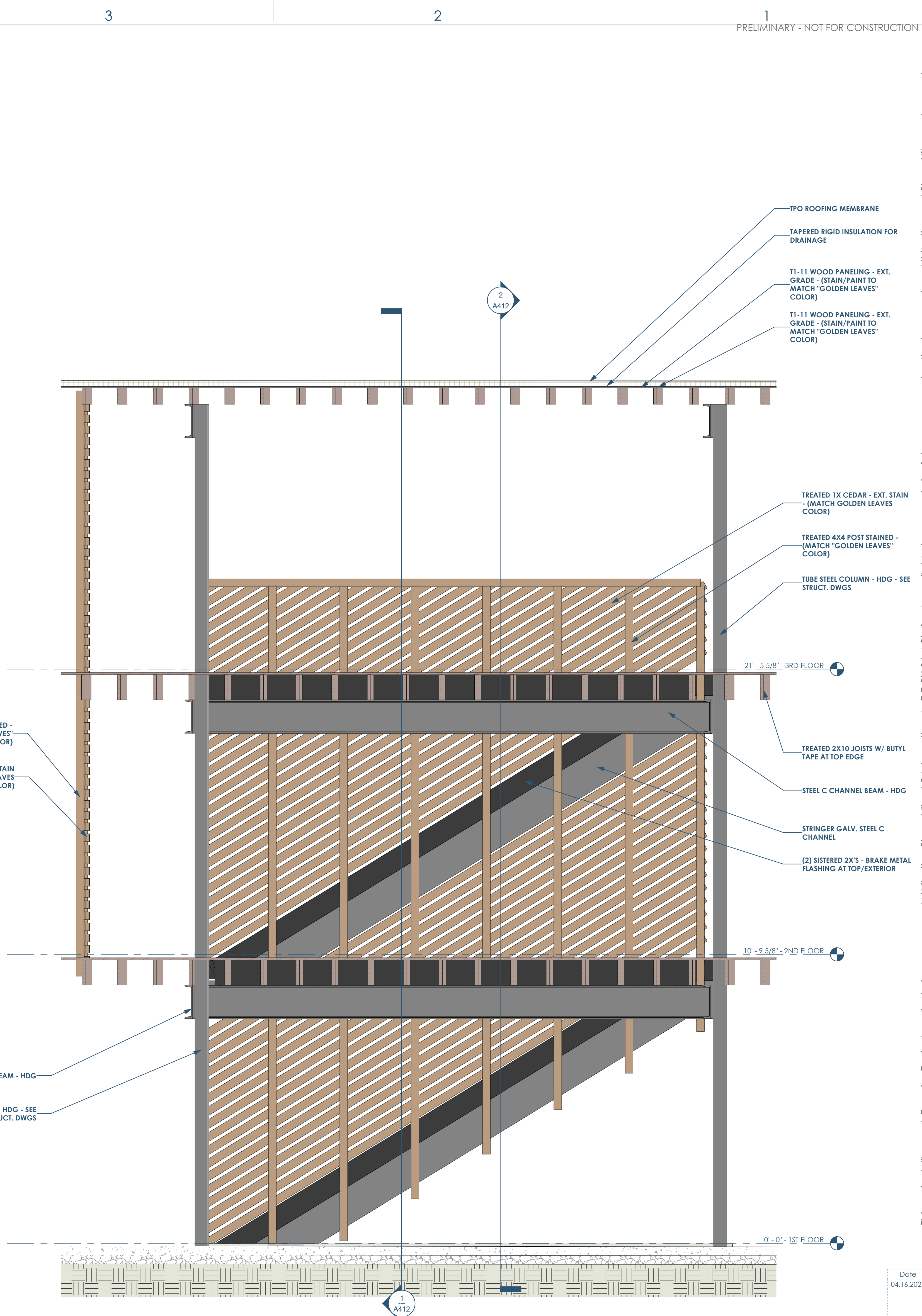
1 A410 STAIR SECTION - LOOKING NORTH
1/2" = 1'-0"

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

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1 Section 64
A411 1/2" = 1'-0"



2 Section 68
A411 1/2" = 1'-0"

Date	Description
04.16.2022	Progress Set

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

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

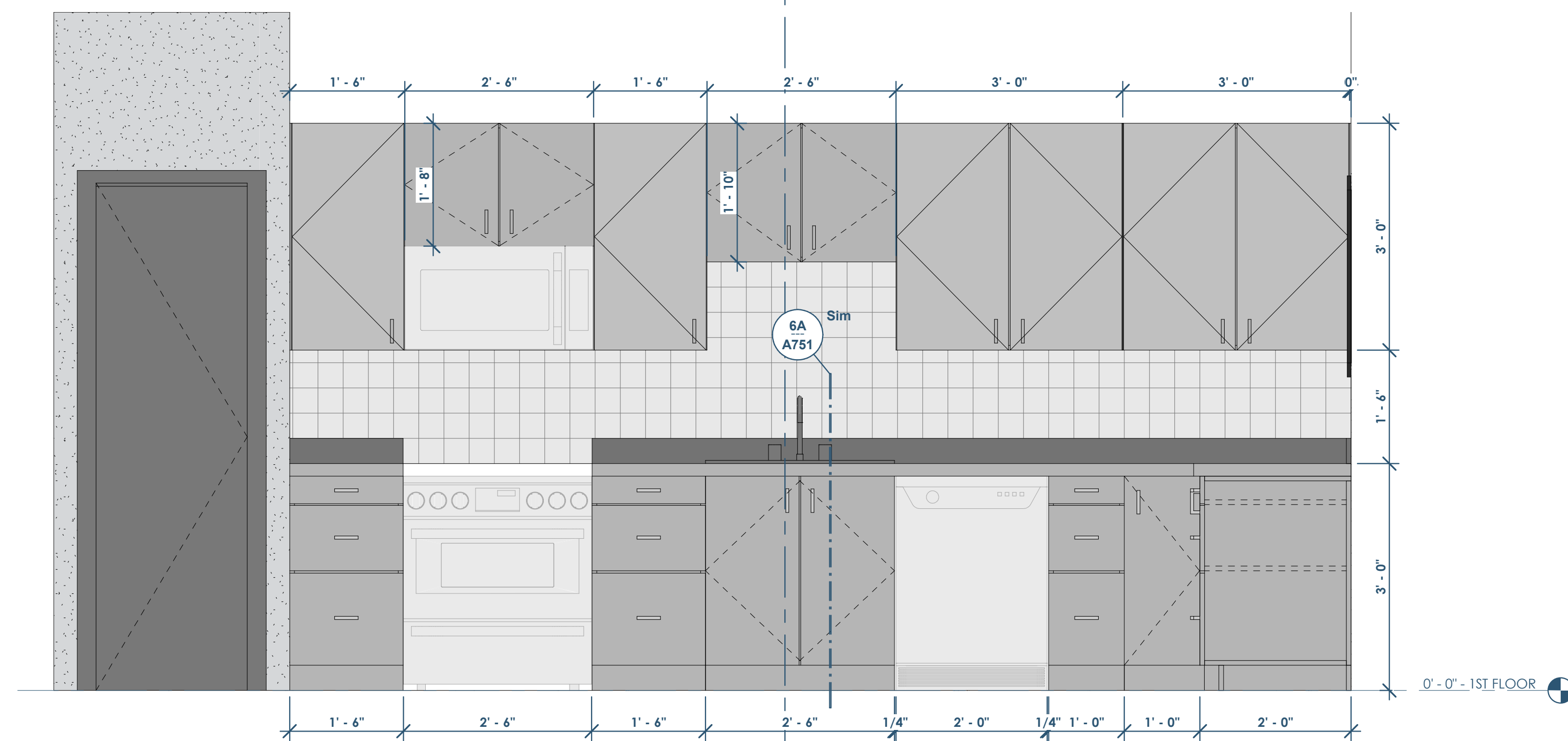
STRUCTURAL
Structural: Dudley
6102 Imperial Loop Drive
College Station, TX 77845
(979) 777-0720

MEP: AMC ENGINEERS
MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com

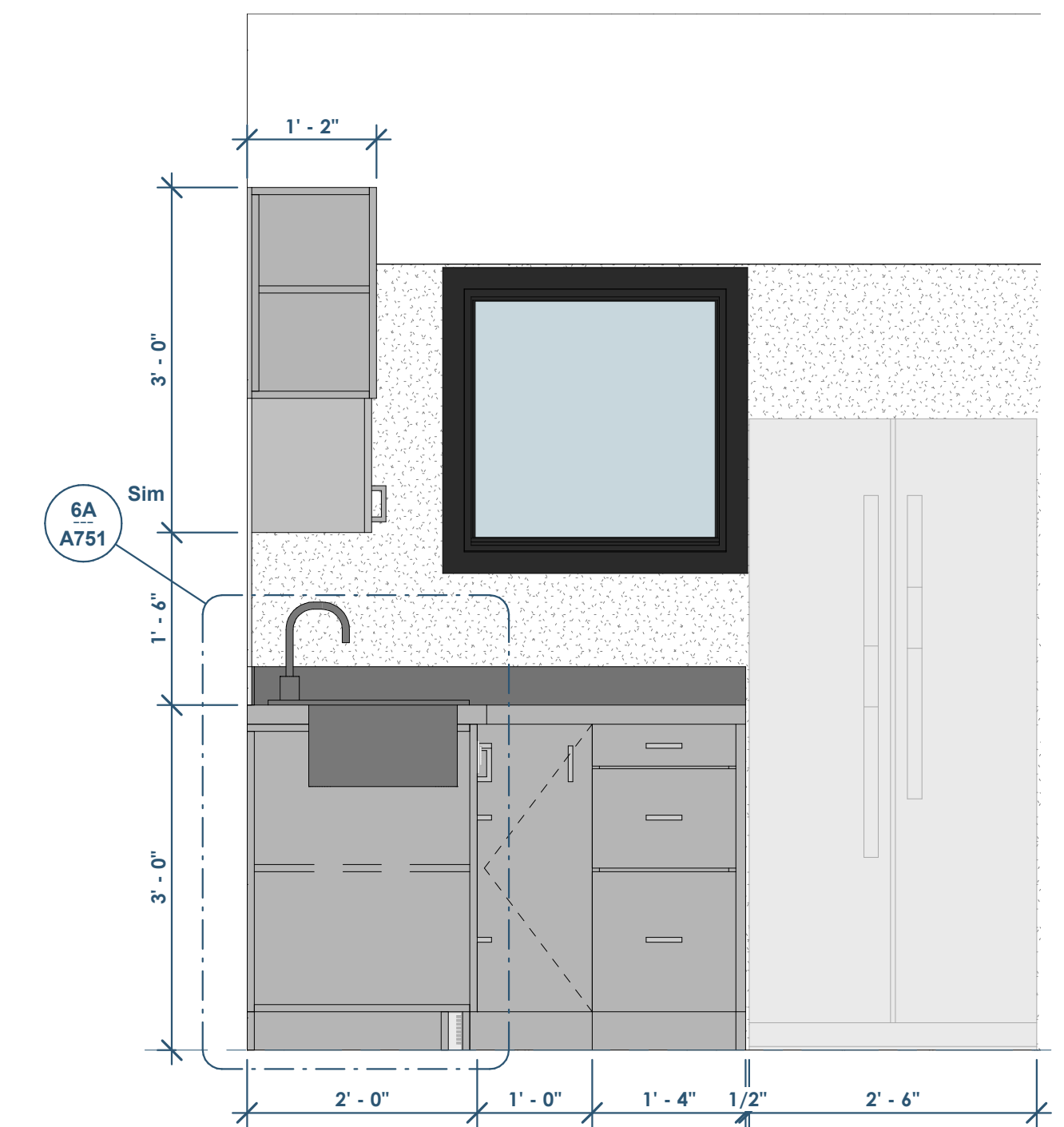
openingdesign
Architect: OpeningDesign
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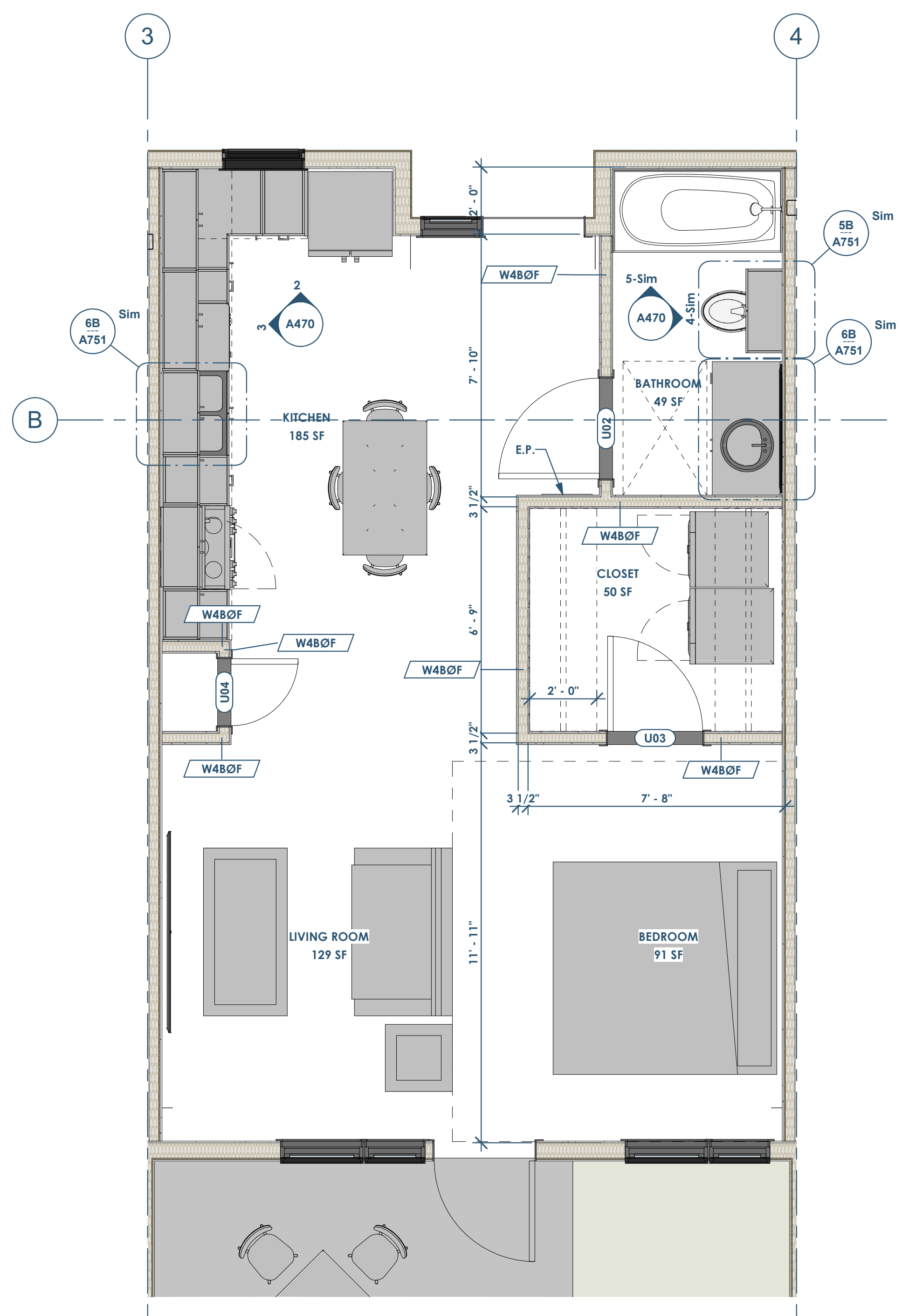
Date	Description
04.16.2022	Progress Set



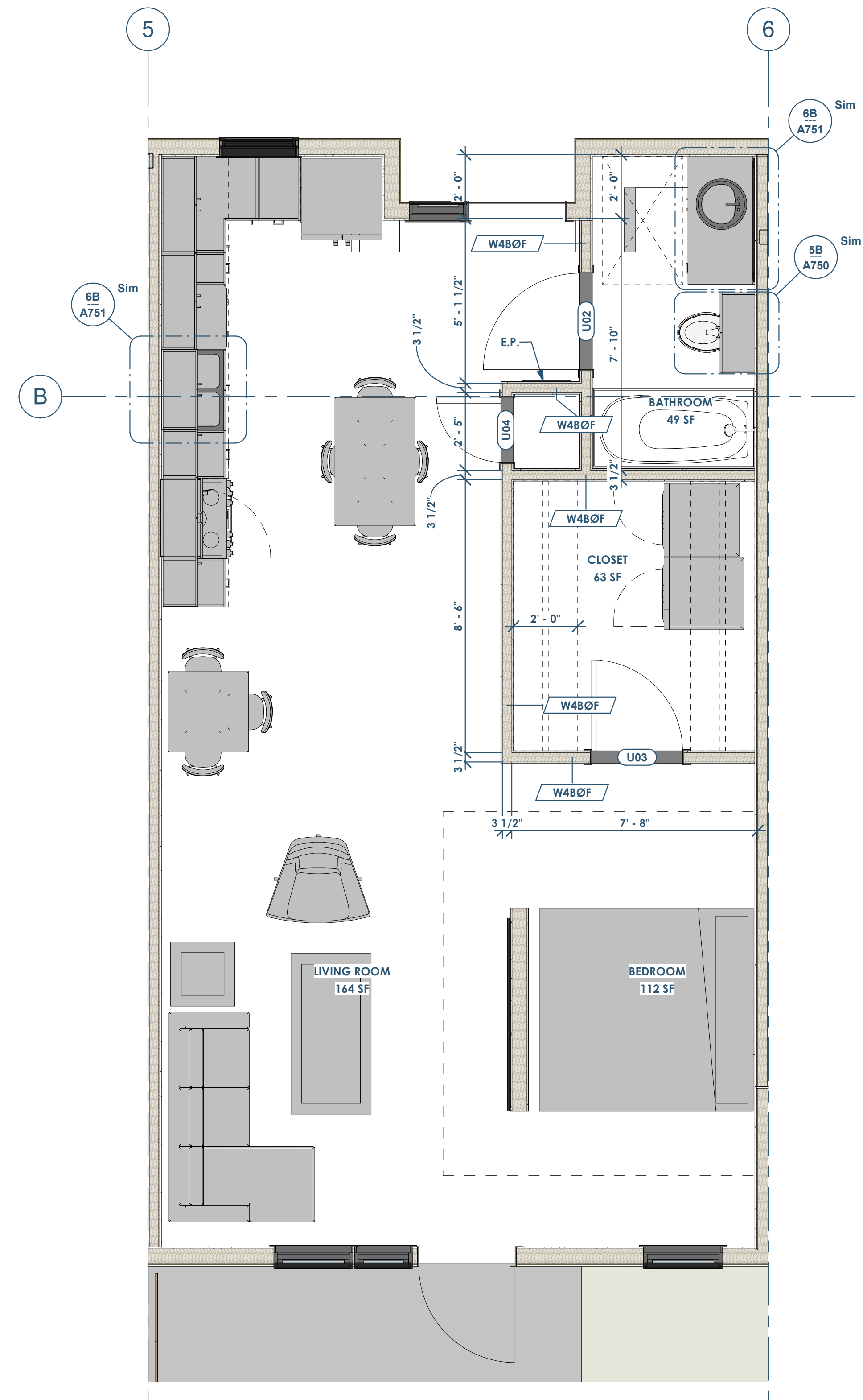
3 ELEVATION - 1 BD - KITCHEN
3/4" = 1'-0"



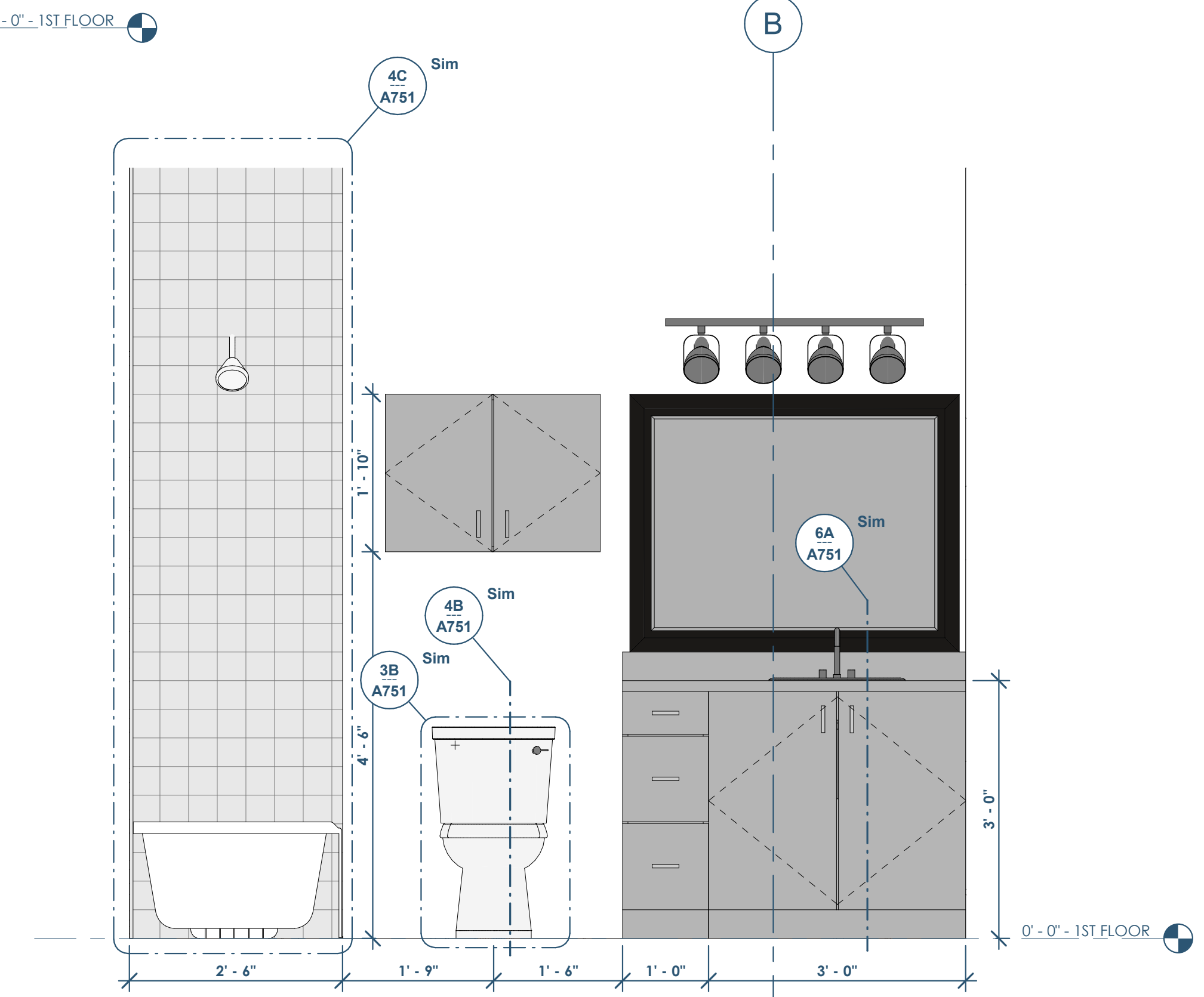
2 ELEVATION - 1 BD - KITCHEN - FRIDGE
3/4" = 1'-0"



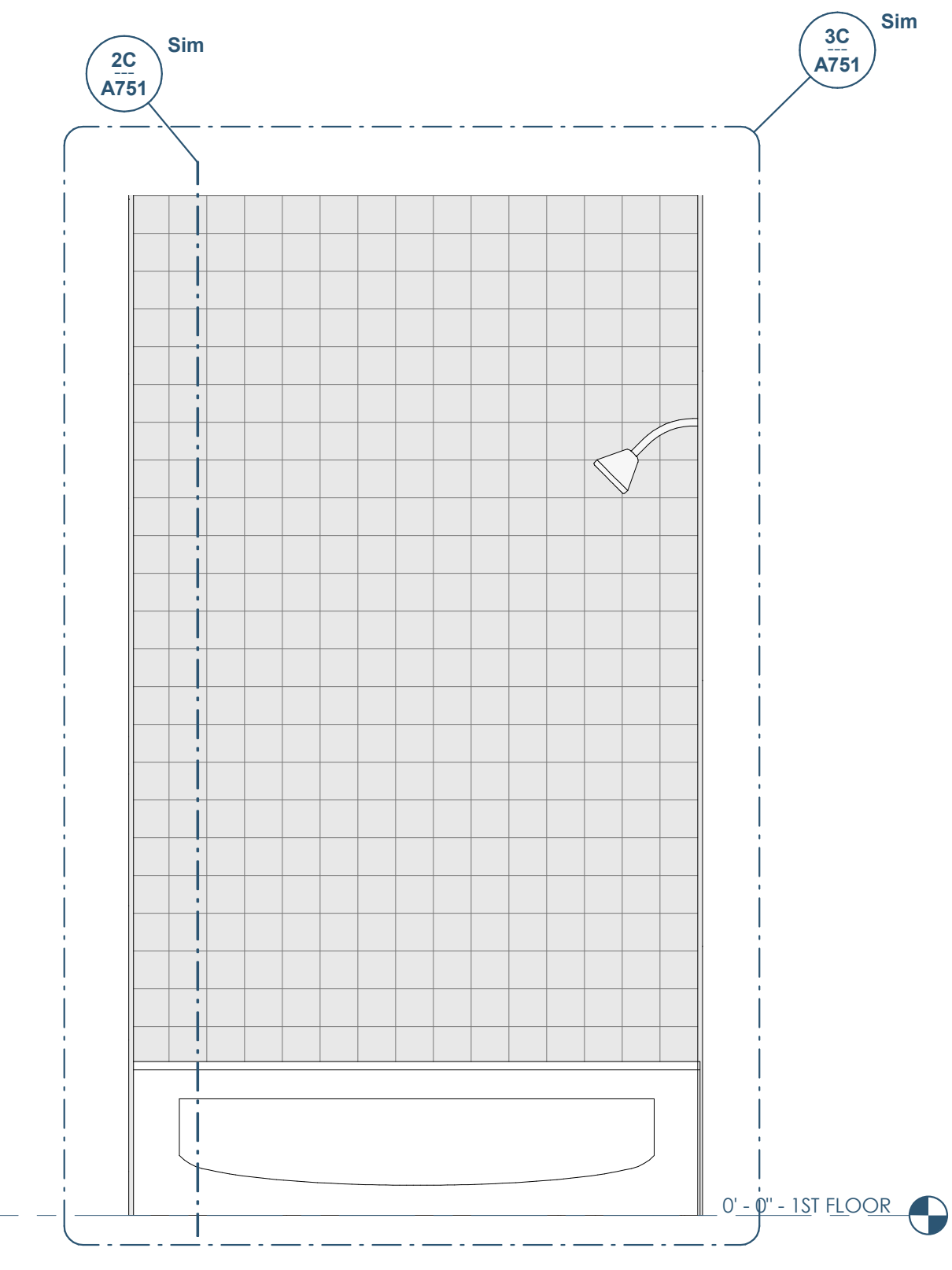
1 UNIT PLAN - 1BD SHORT
3/8" = 1'-0"



6 UNIT PLAN - 1BD LONG
3/8" = 1'-0"



4 ELEVATION - BATH - LAV
3/4" = 1'-0"



5 ELEVATION - BATH - SHOWER
3/4" = 1'-0"

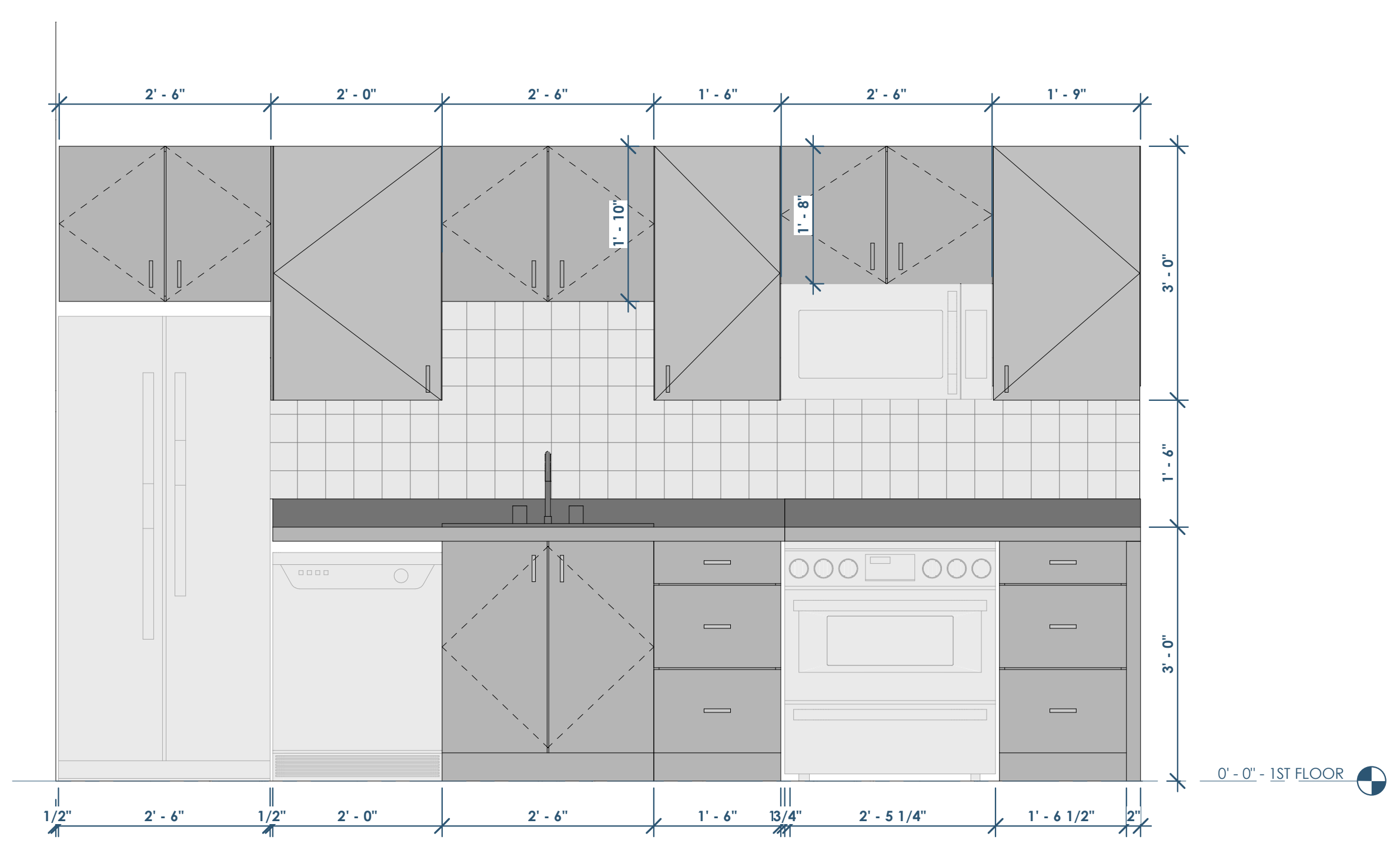
RENOVATION Wranglers
 Owner: Renovation Wranglers
 102 E 26th St
 Bryan, TX 77803
 Kateracasonline.com | 979.450.9969

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

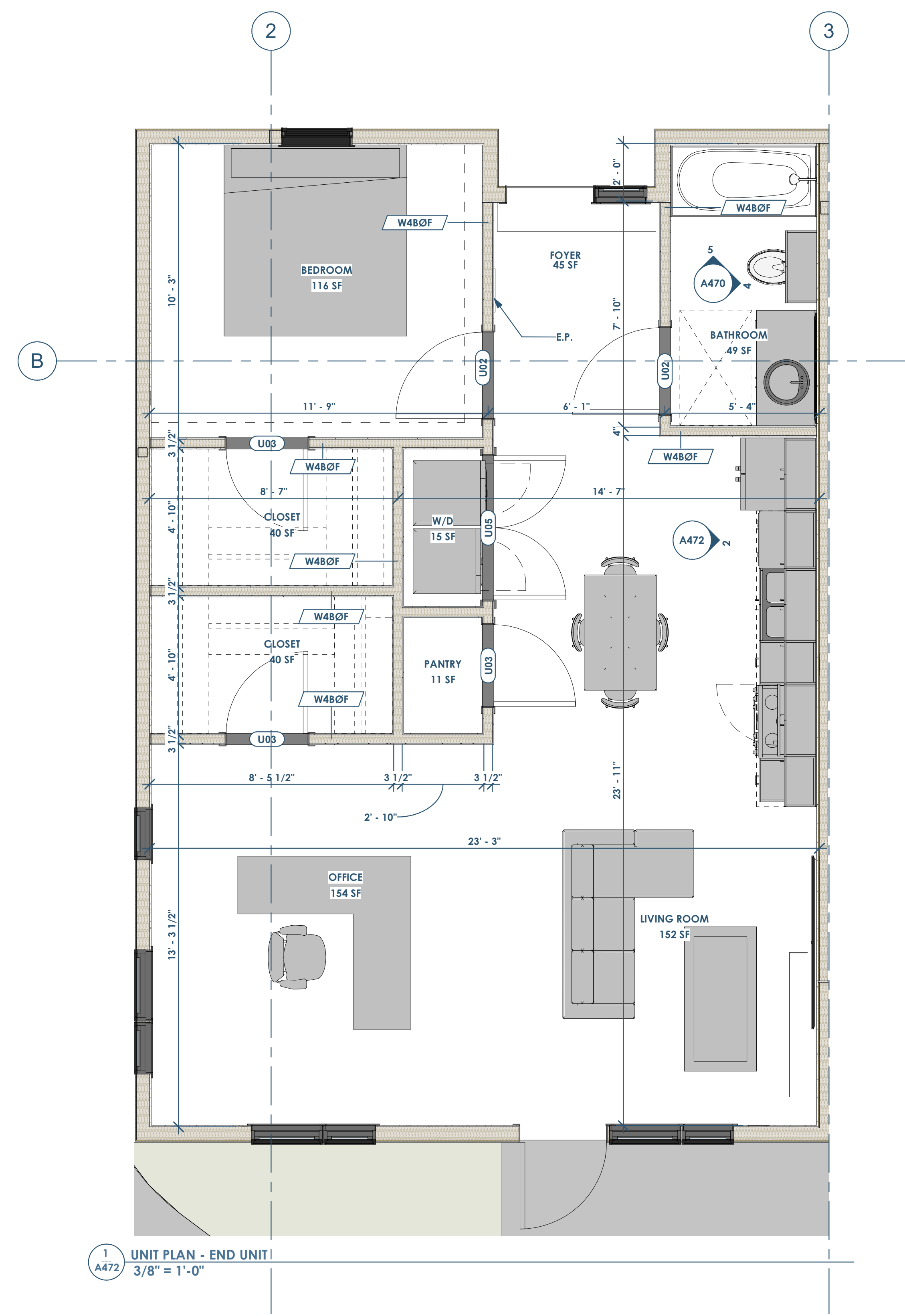
DUDLEY
 Structural: Dudley
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amc ENGINEERS
 MEP: AMC Engineers
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 info@amcengineers.com

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2 ELEVATION - END UNIT - KITCHEN
3/4" = 1'-0"

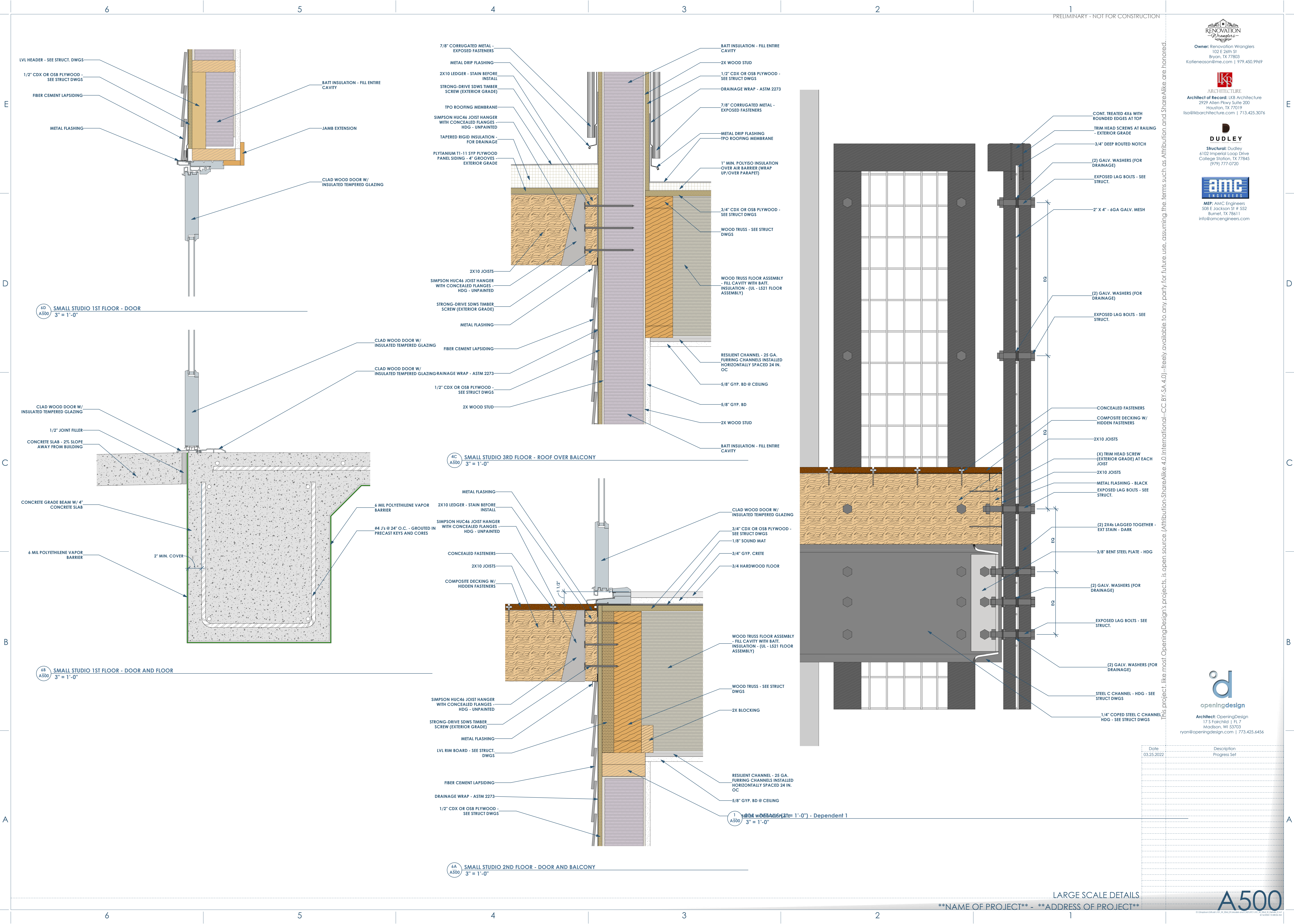


1 UNIT PLAN - END UNIT
3/8" = 1'-0"

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Date	Description
04.16.2022	Progress Set

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6D A500 SMALL STUDIO 1ST FLOOR - DOOR
3" = 1'-0"

6B A500 SMALL STUDIO 1ST FLOOR - DOOR AND FLOOR
3" = 1'-0"

4C A500 SMALL STUDIO 3RD FLOOR - ROOF OVER BALCONY
3" = 1'-0"

6A A500 SMALL STUDIO 2ND FLOOR - DOOR AND BALCONY
3" = 1'-0"

1 A500 DOOR AND FLOOR (2) - Dependent 1
3" = 1'-0"

Date	Description
03.25.2022	Progress Set

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

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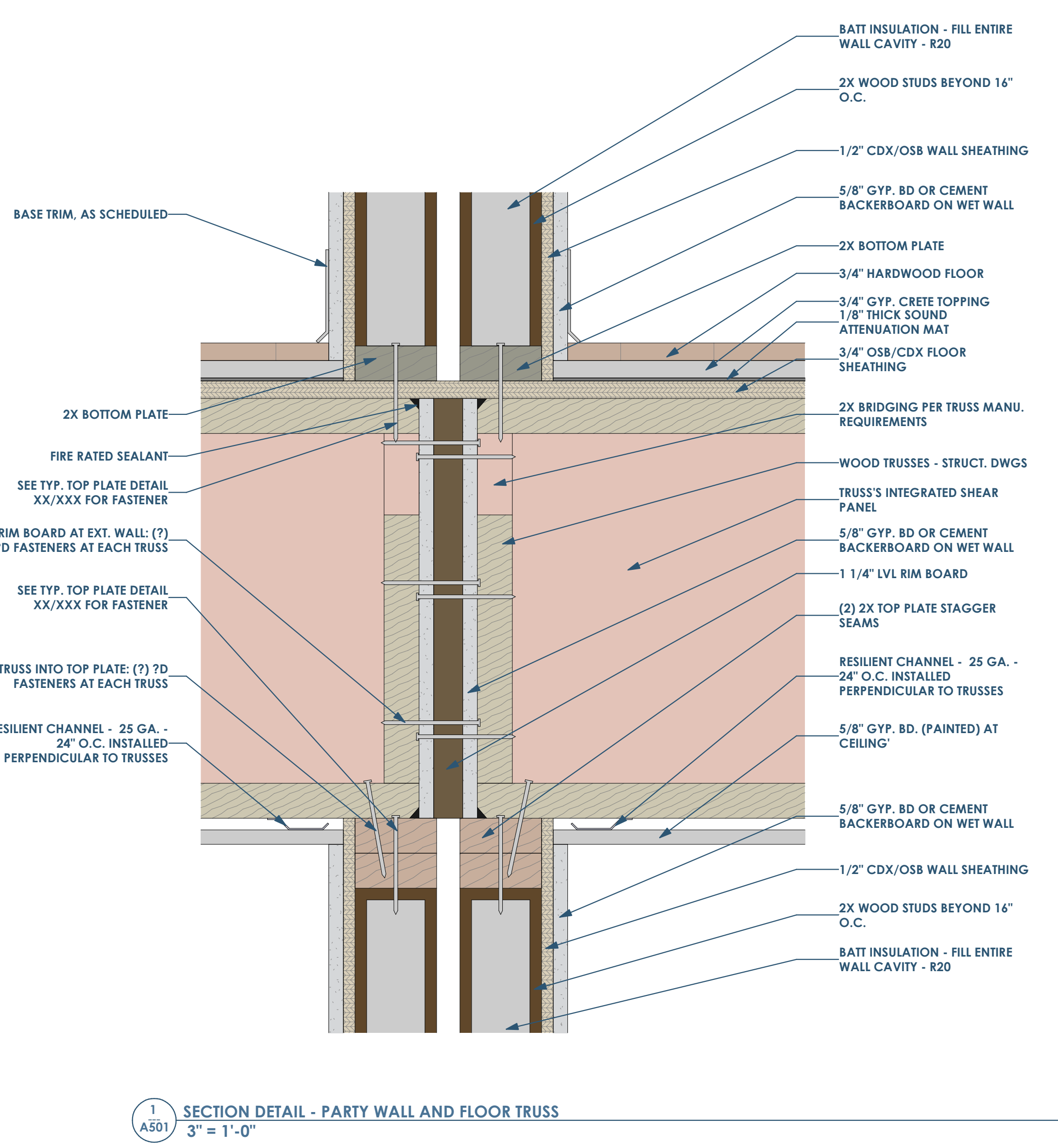
DUDLEY
 Structural: Dudley
 6102 Imperial Loop Drive
 College Station, TX 77845
 (979) 777-0720

amc ENGINEERS
 MEP: AMC Engineers
 508 E Jackson St # 552
 Burnet, TX 78611
 info@amcengineers.com

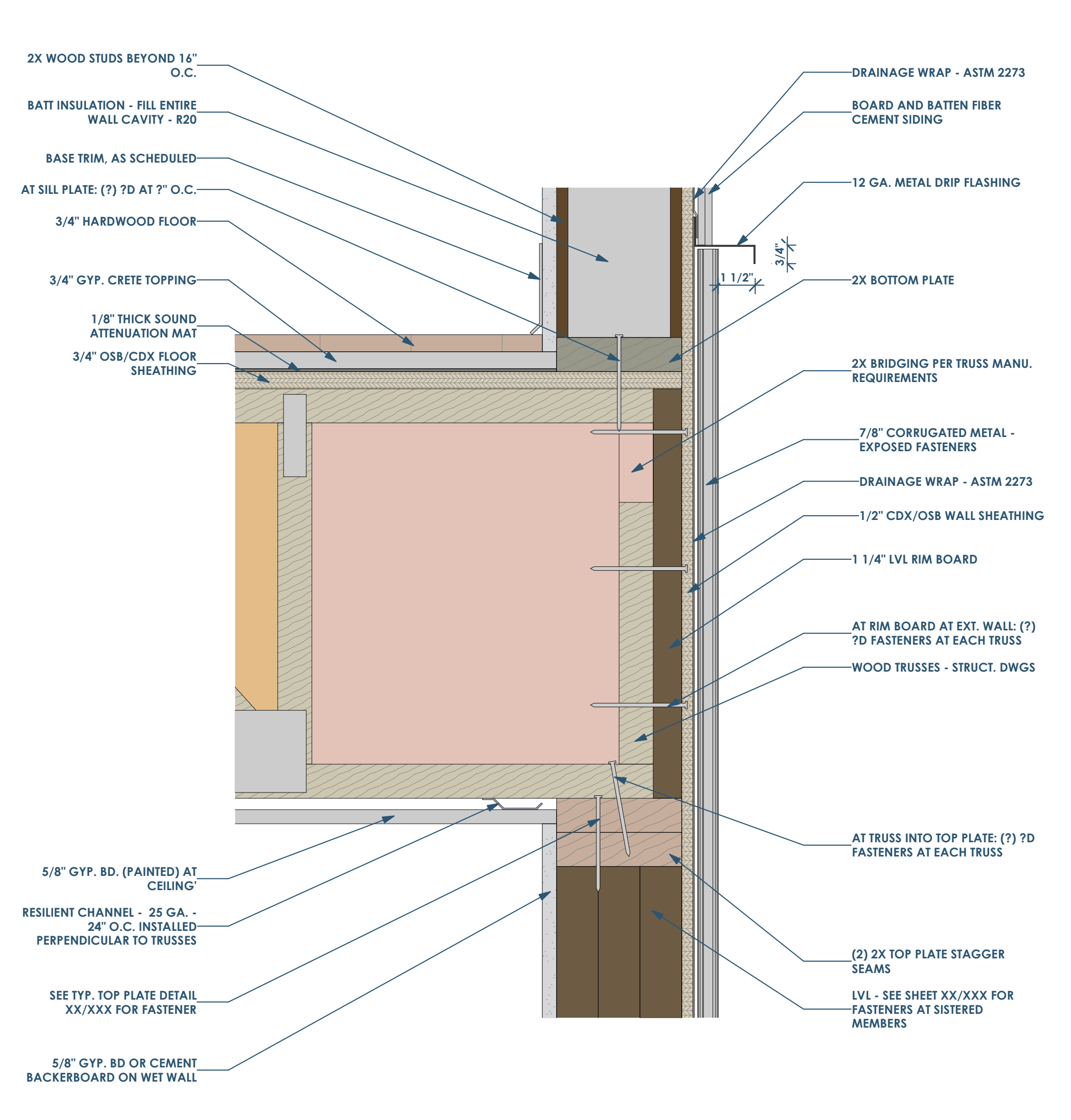
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openingdesign
 Architect: OpeningDesign
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 ryan@openingdesign.com | 773.425.6456

Date	Description
04.16.2022	Progress Set

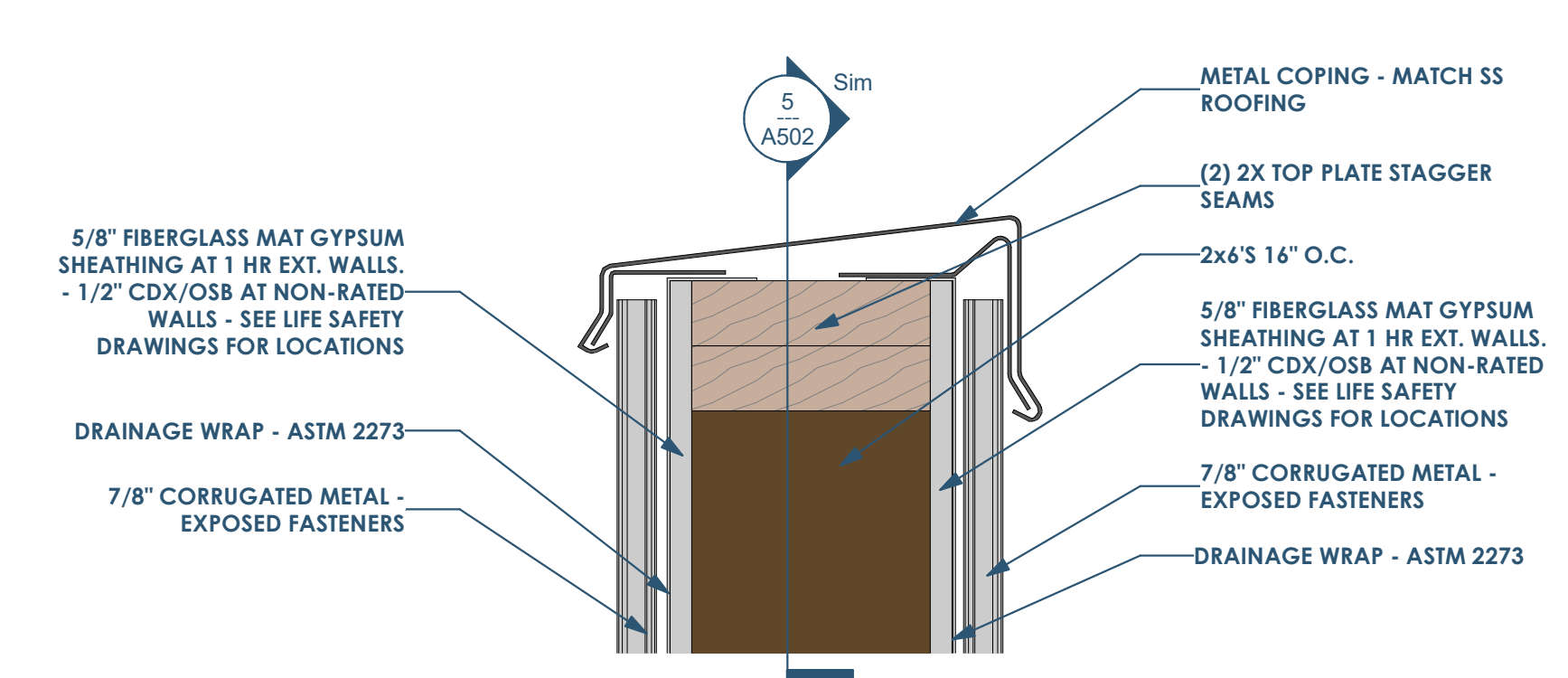


1 SECTION DETAIL - PARTY WALL AND FLOOR TRUSS
3" = 1'-0"

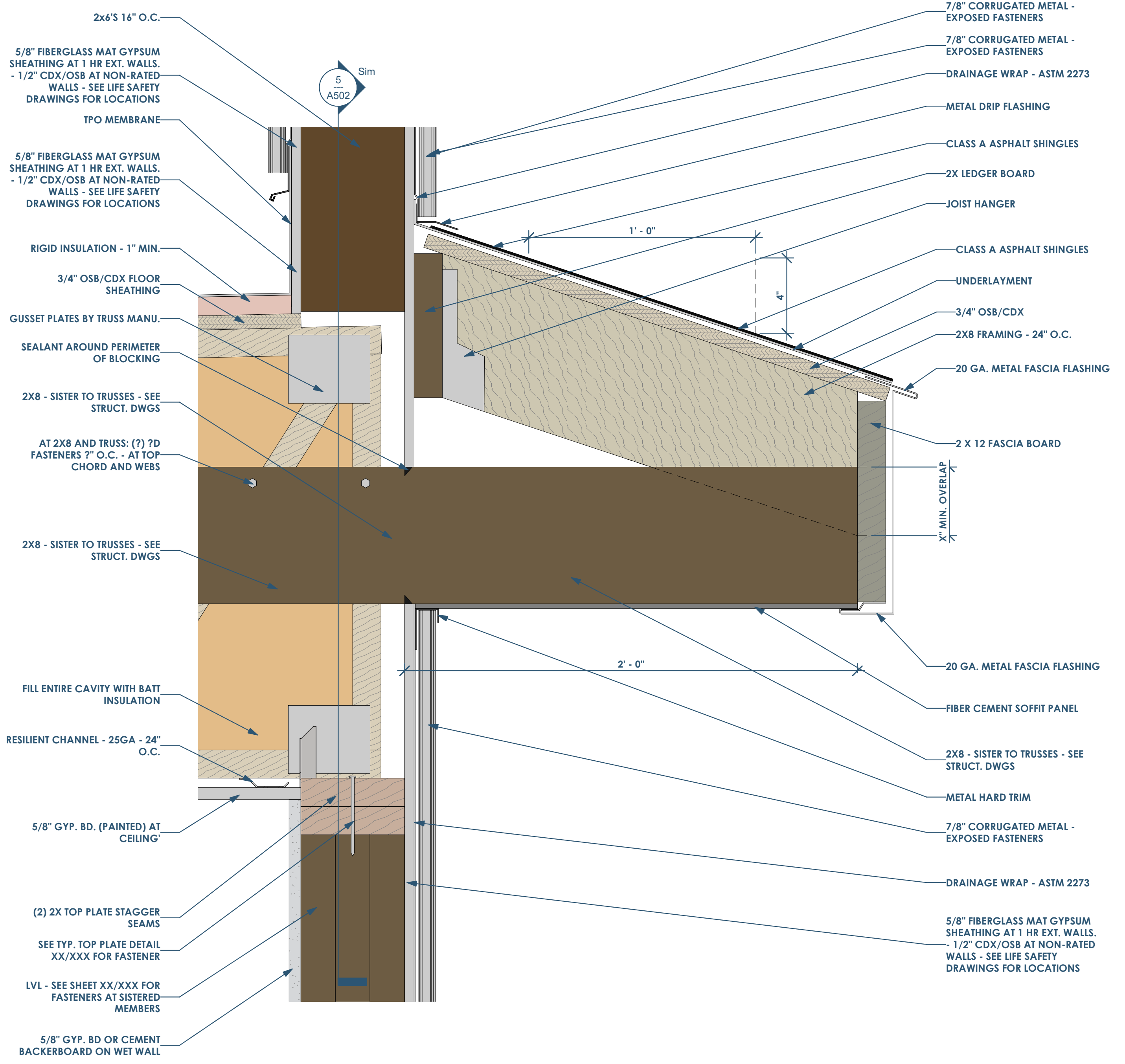


2 SECTION DETAIL - EXTERIOR WALL & FLOOR TRUSS
3" = 1'-0"

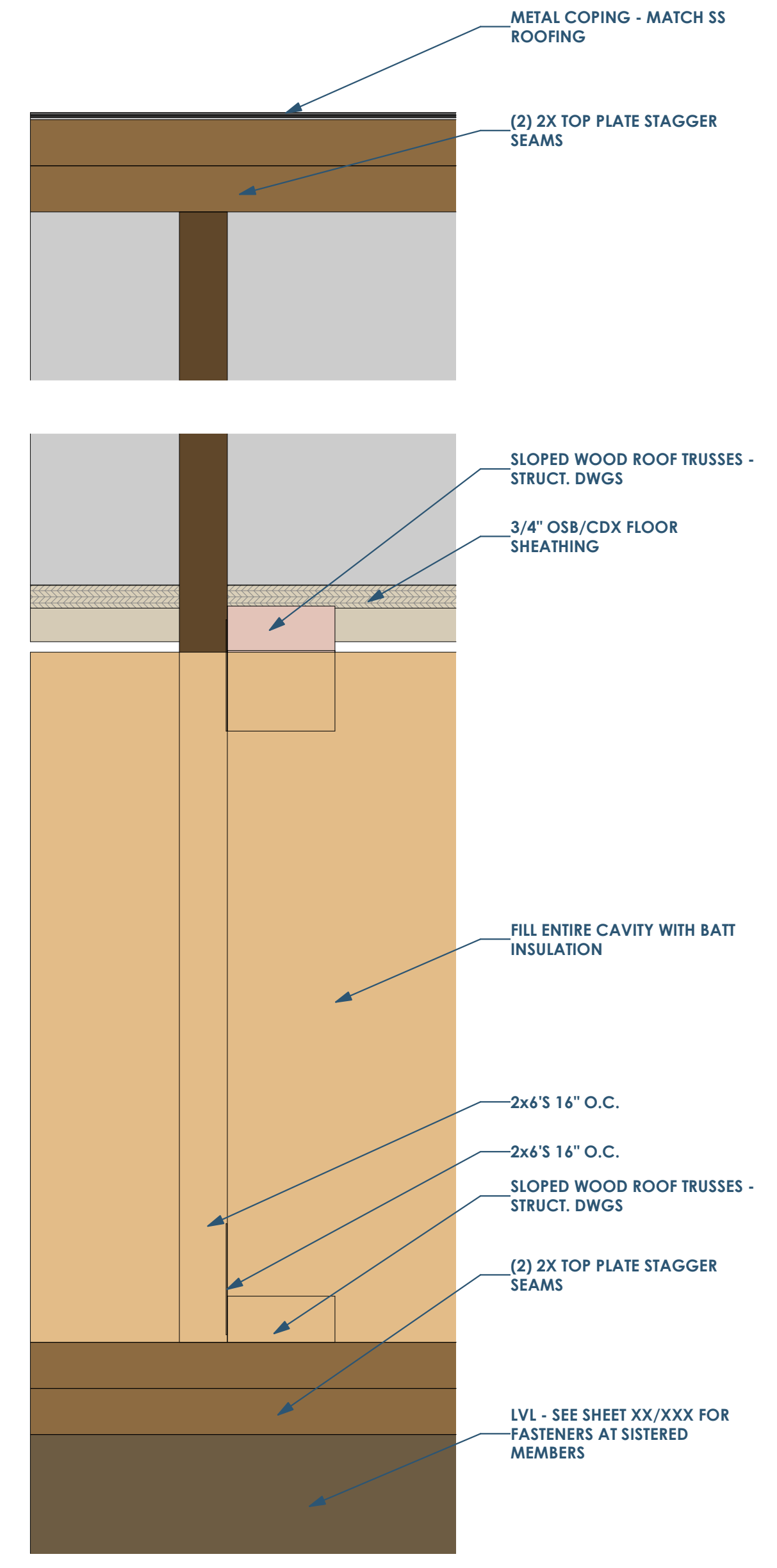
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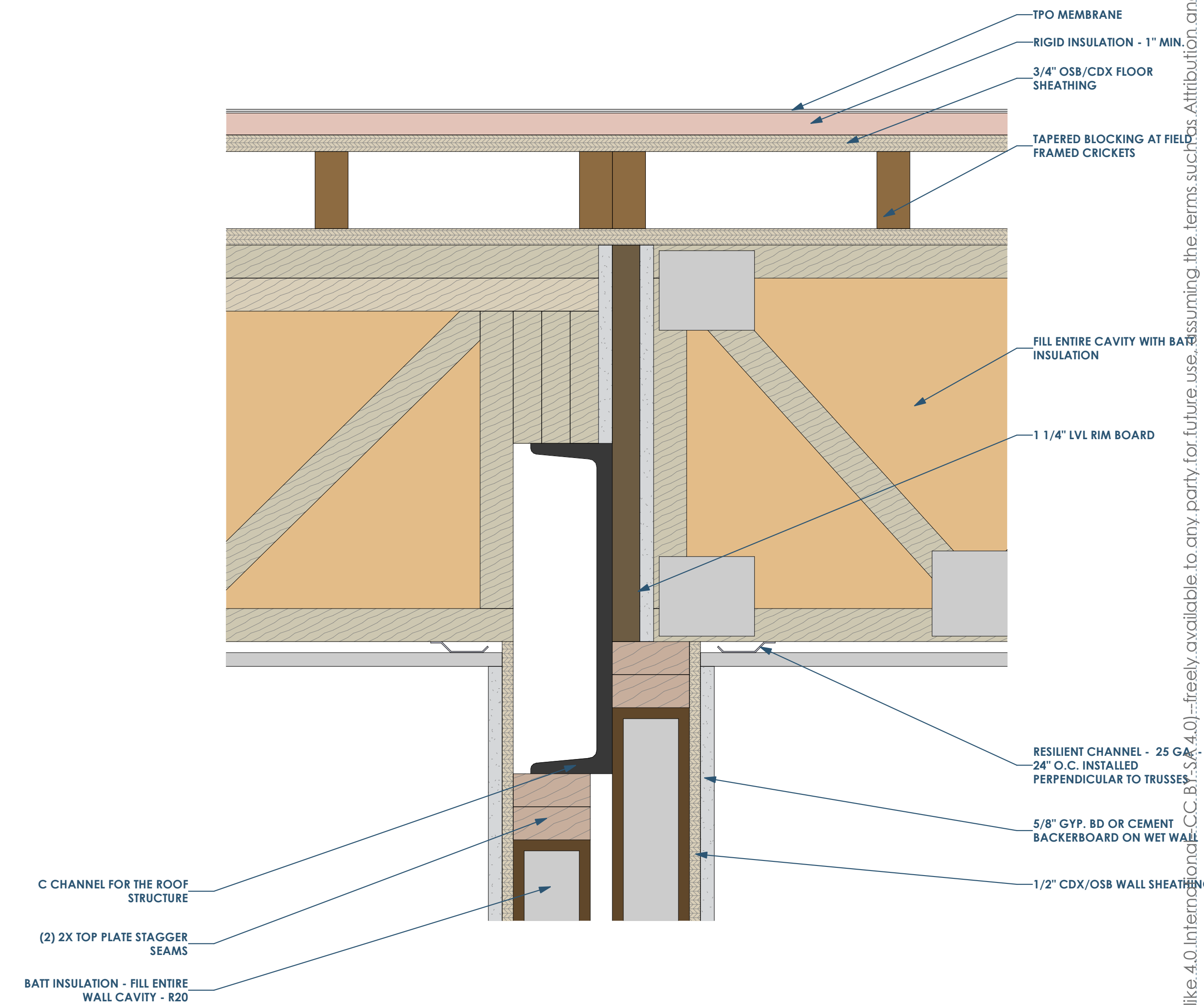
2 SECTION DETAIL - TOP OF PARAPET 3" = 1'-0"



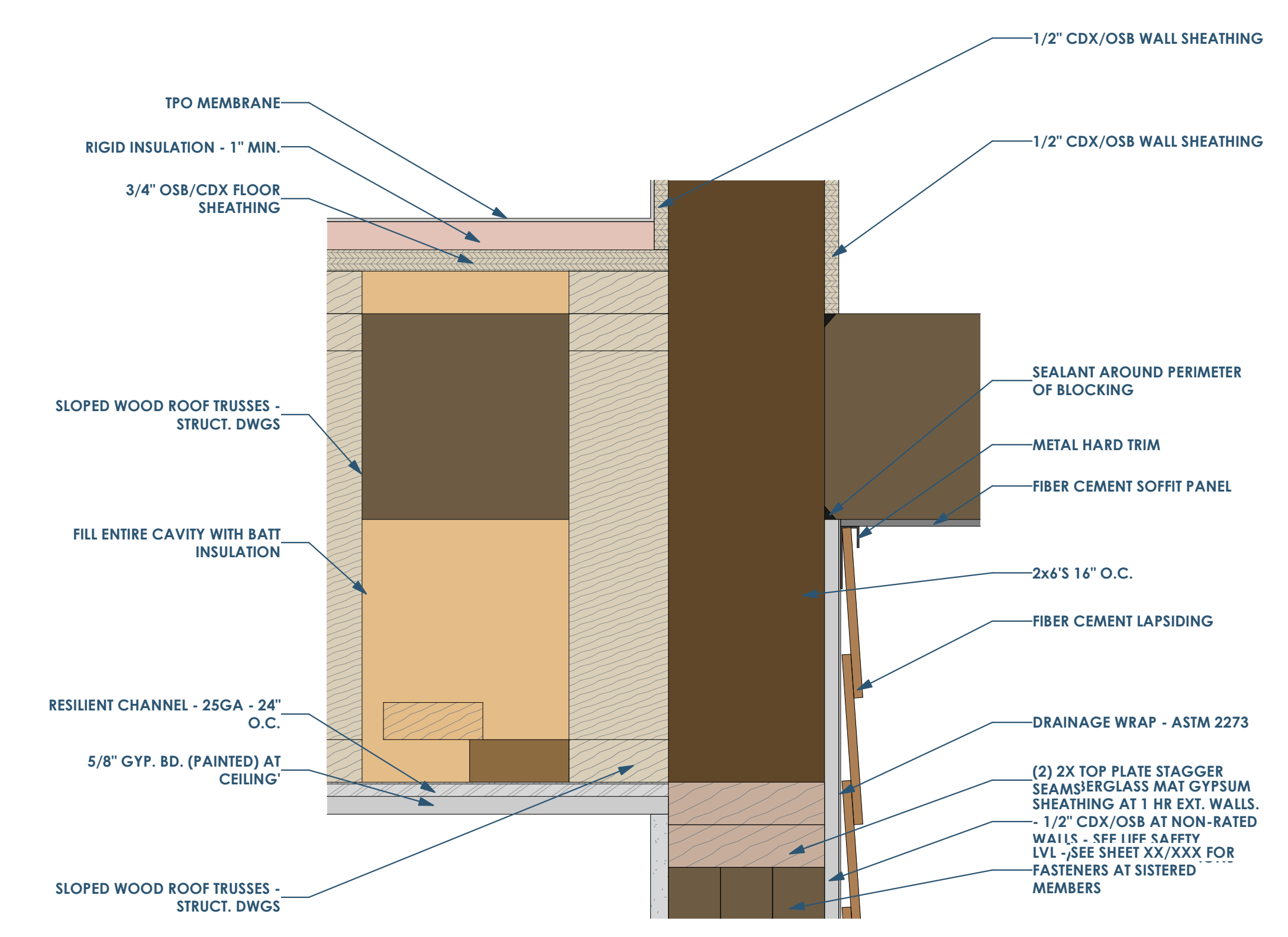
1 SECTION DETAIL - ROOF AND SOFFIT 3" = 1'-0"



5 004 - DETAILS (3" = 1'-0") - Dependent 1 3" = 1'-0"



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



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

Date	Description
04.16.2022	Progress Set

RENOVATION
Wranglers
ENGINEERS

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

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

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

amc
ENGINEERS

MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com

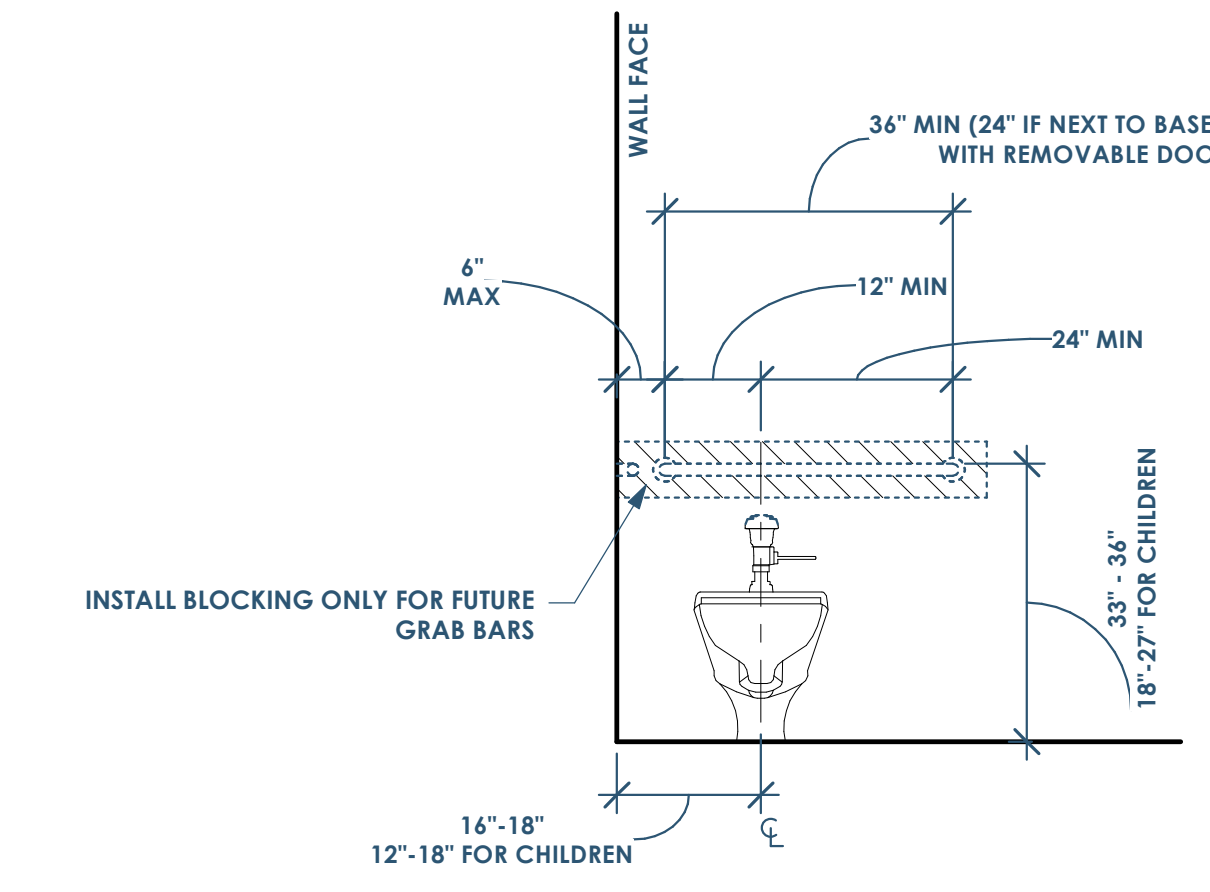
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opening design

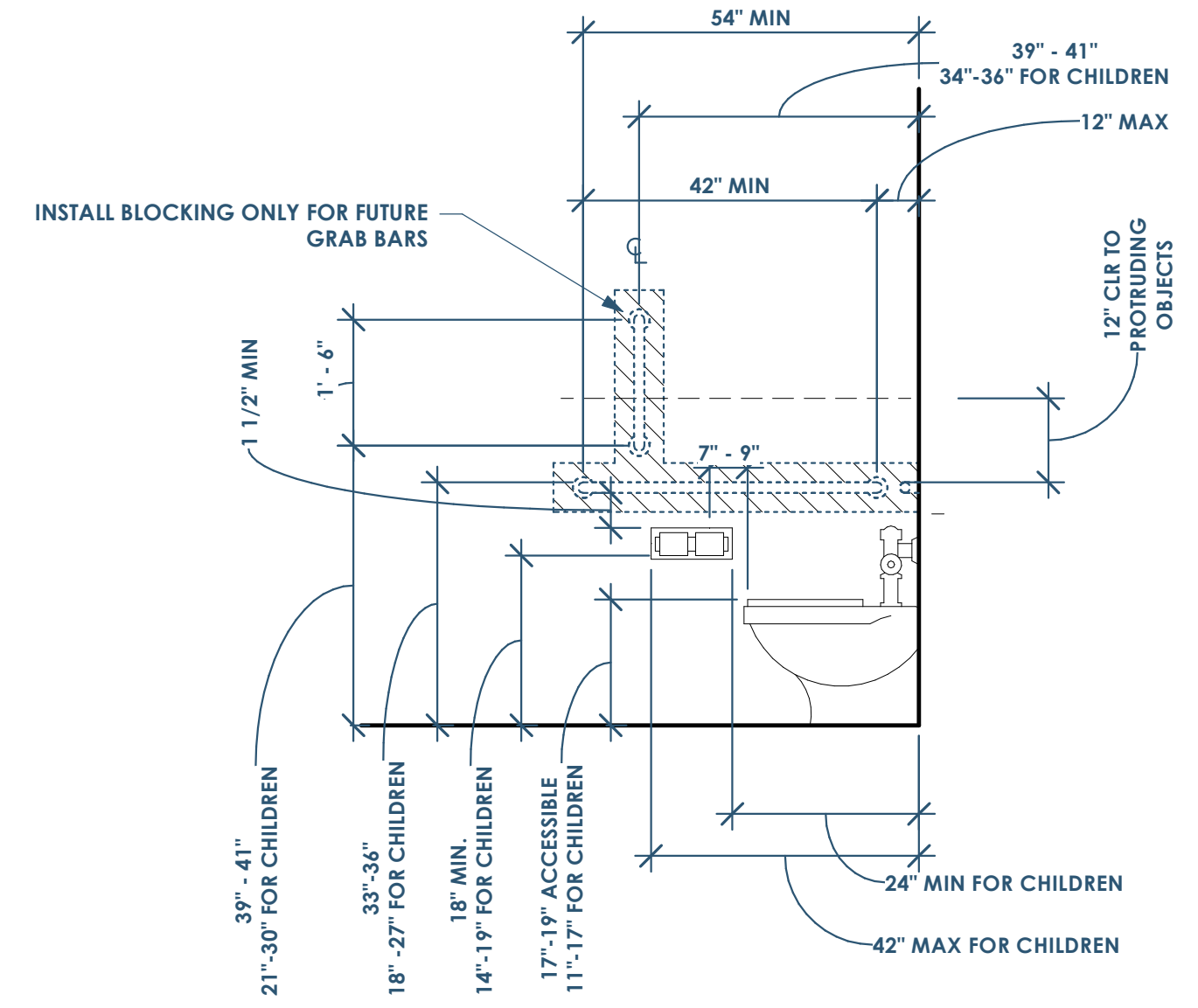
Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

Date	Description
04.16.2022	Progress Set

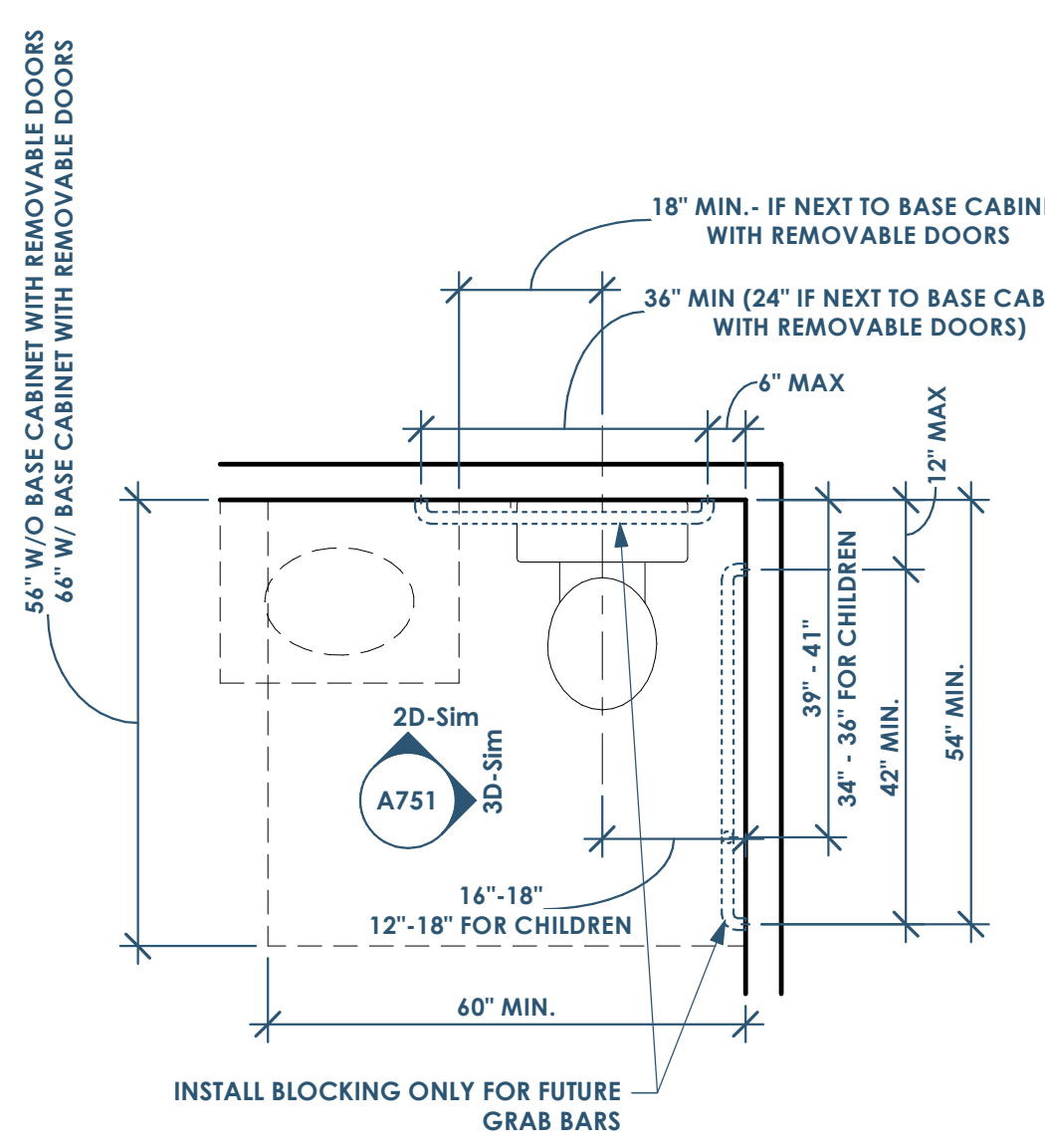
GENERAL NOTES:
NOTE: PER IBC1210.2.2 WALLS AND PARTITIONS WITHIN 2 FEET (610MM) OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF NOT LESS THAN 4 FEET (1219 MM) ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIAL USED IN SUCH WALLS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



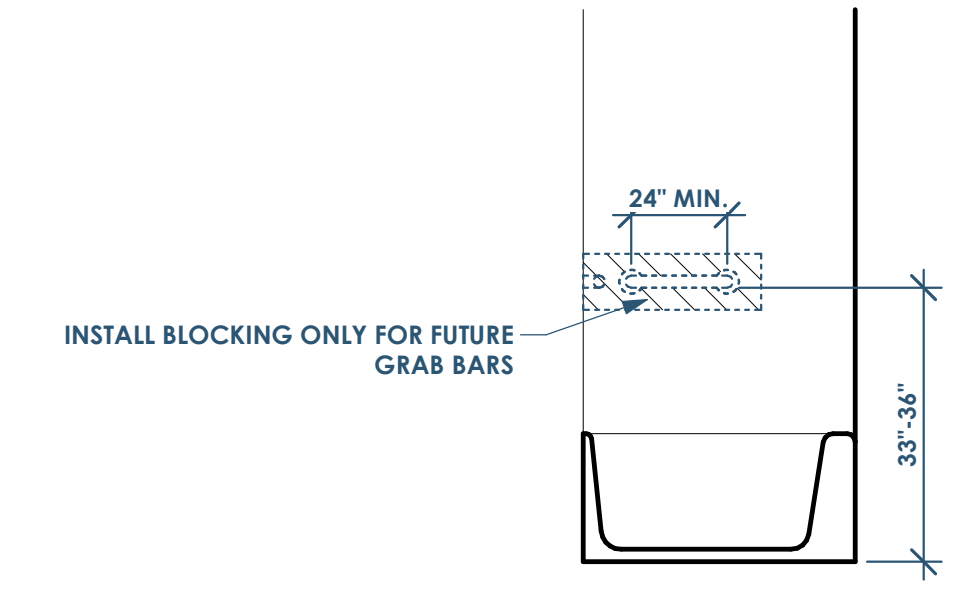
2D ADA - TYPE A - WATER CLOSET - FRONT
1/2" = 1'-0"



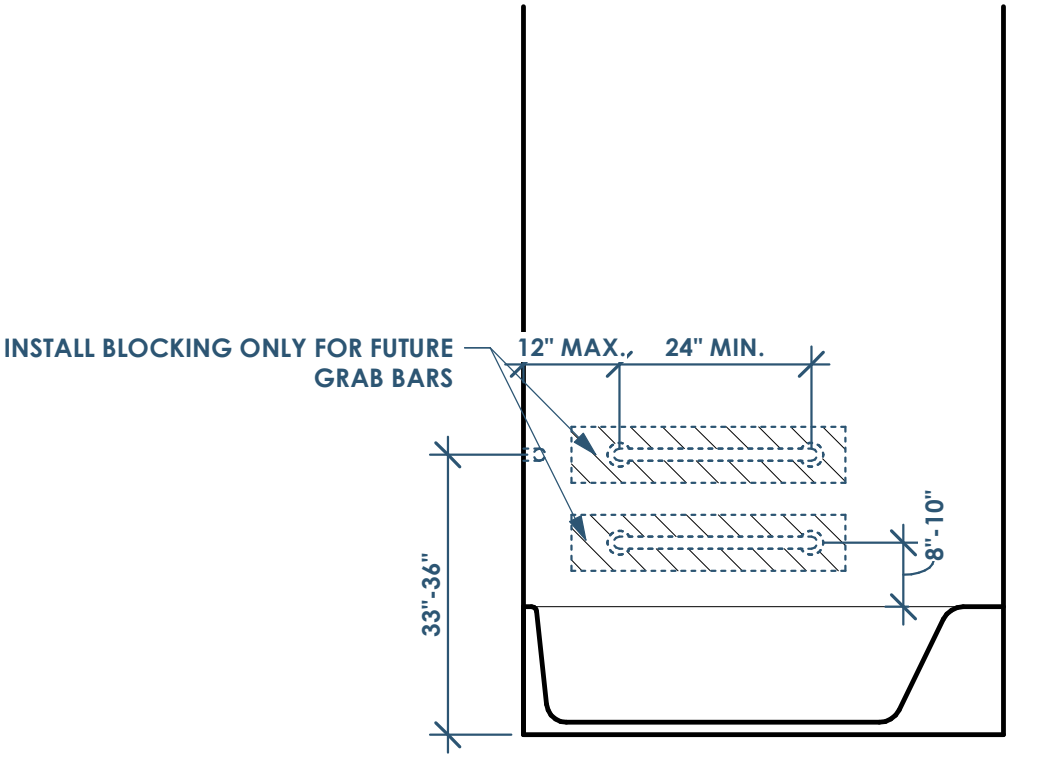
3D ADA - TYPE A - WATER CLOSET - SIDE
1/2" = 1'-0"



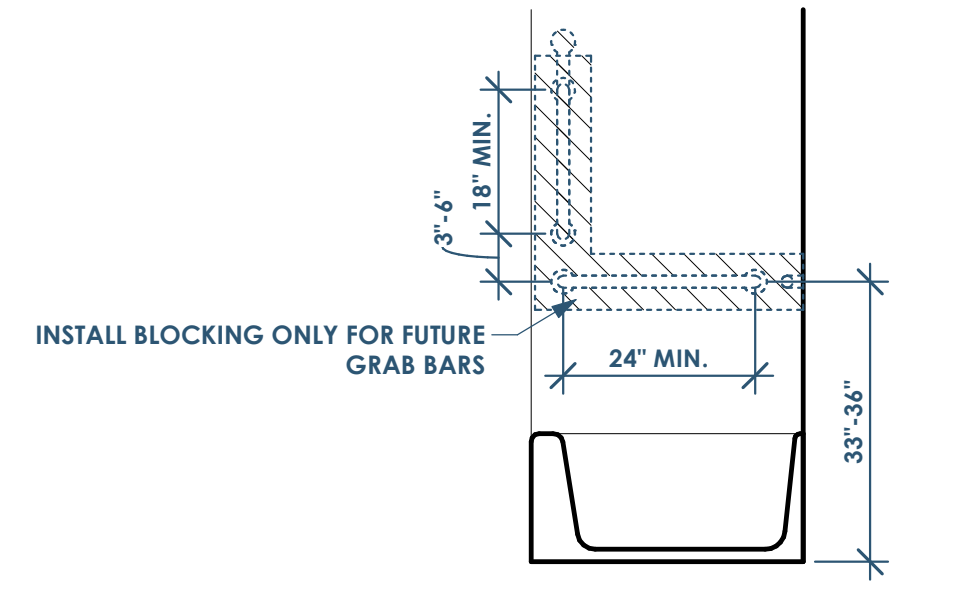
4D ADA - TYPE A - WATER CLOSET - FLOOR PLAN (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



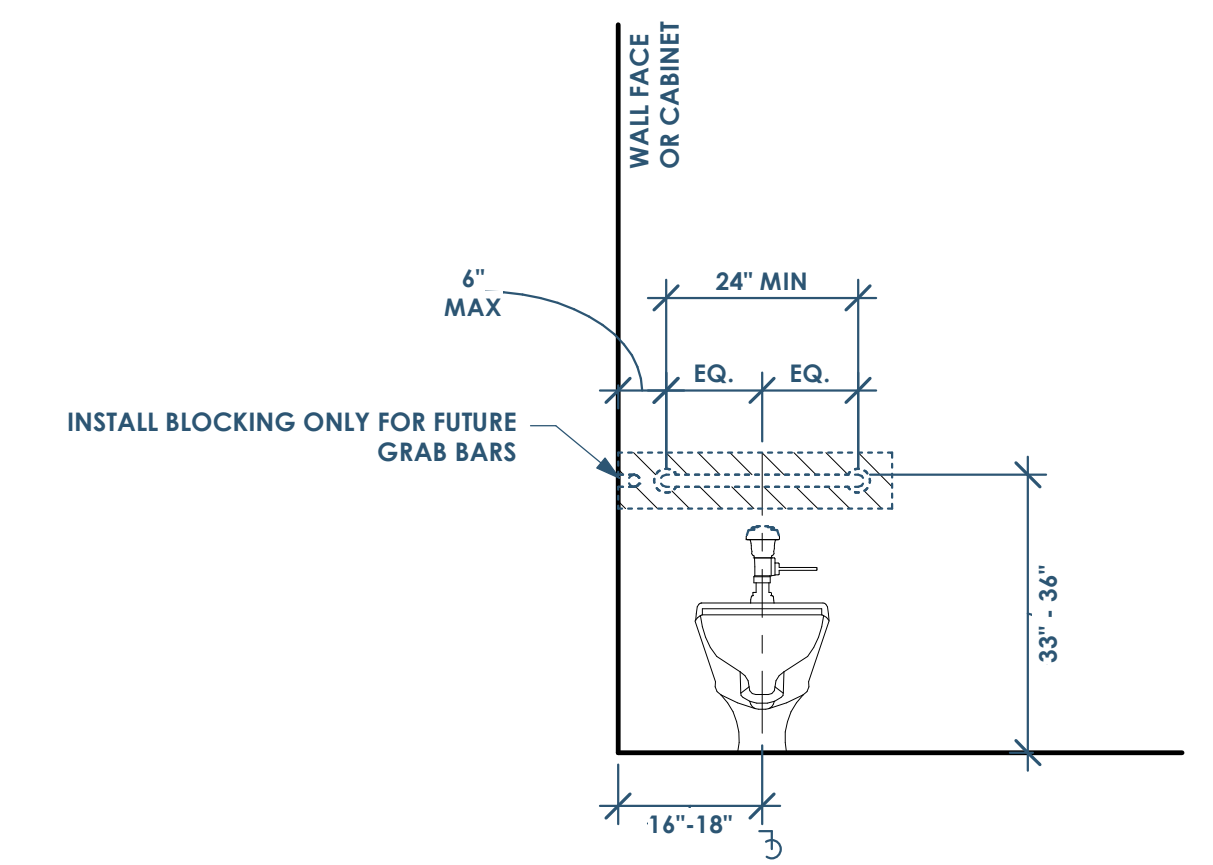
2C ADA - TYPE A & B - BATH - NON-CONTROL SIDE
1/2" = 1'-0"



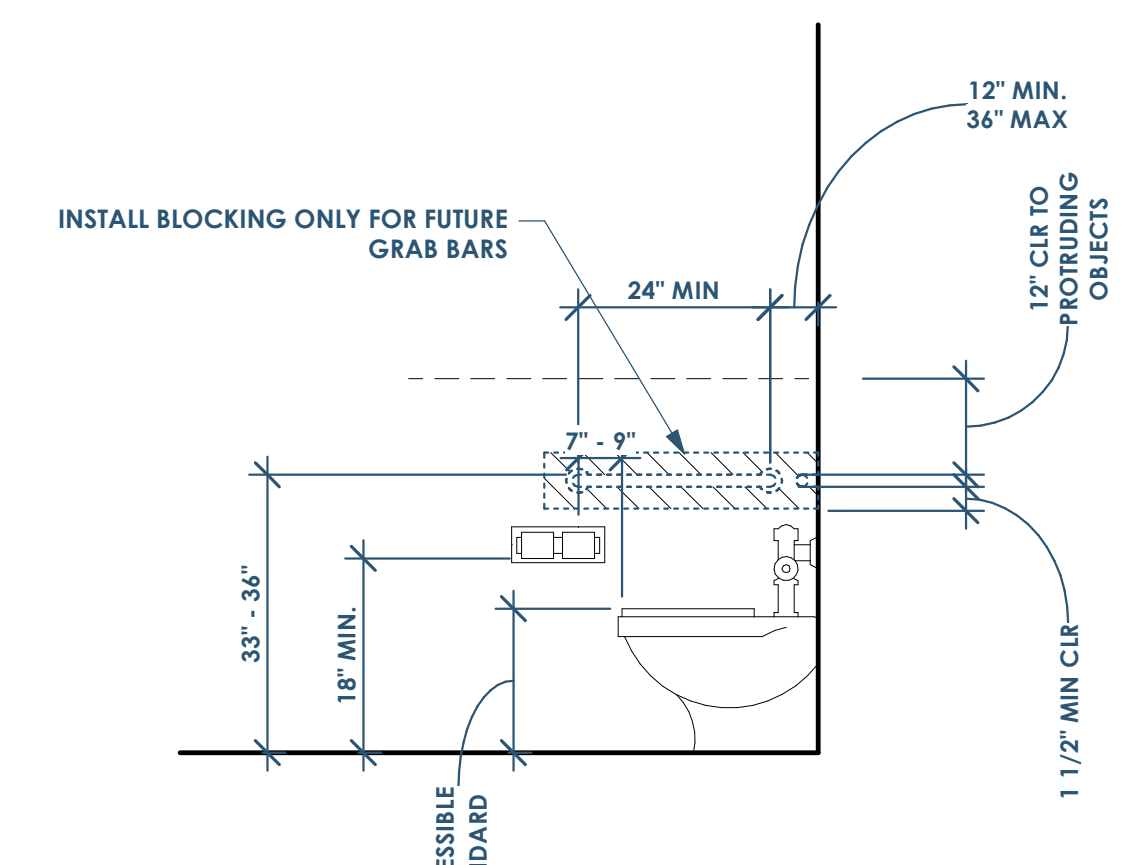
3C ADA - TYPE A & B - BATH - FRONT
1/2" = 1'-0"



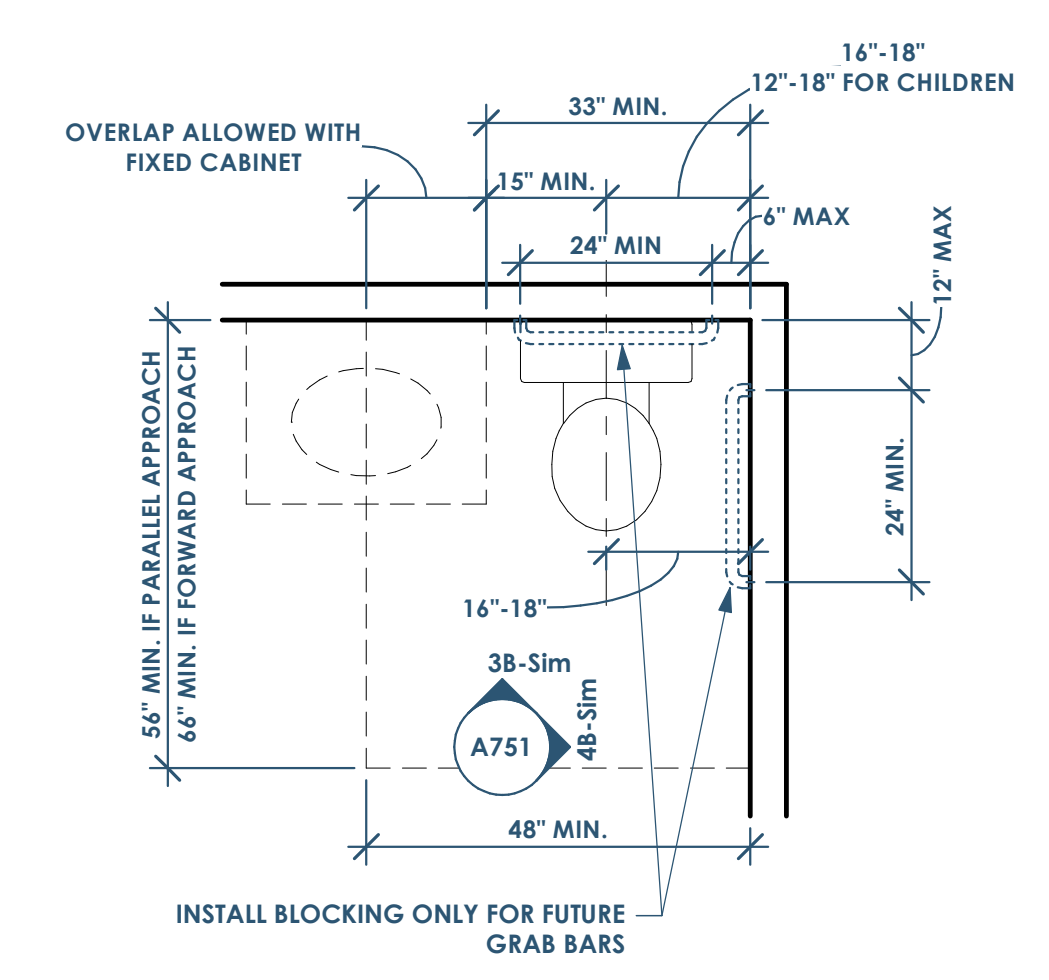
4C ADA - TYPE A & B - BATH - CONTROLS SIDE
1/2" = 1'-0"



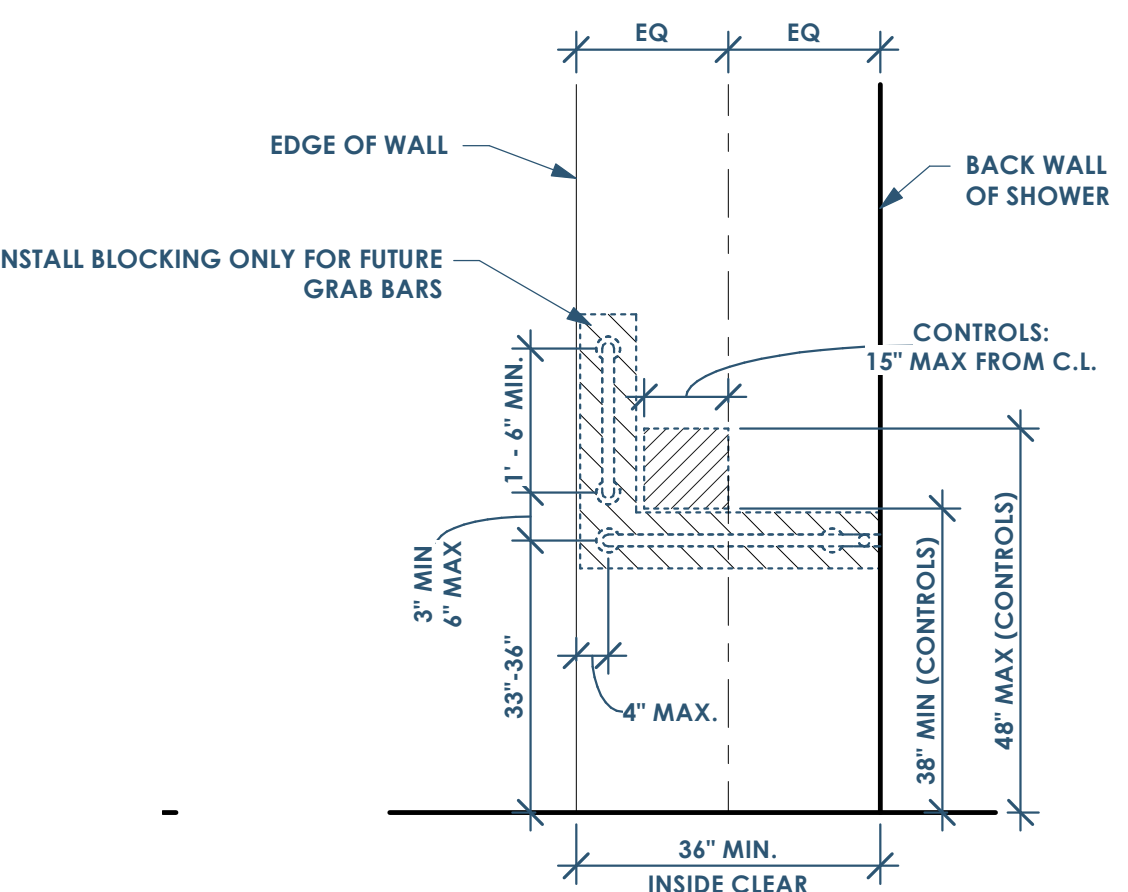
3B ADA - TYPE B - WATER CLOSET - FRONT
1/2" = 1'-0"



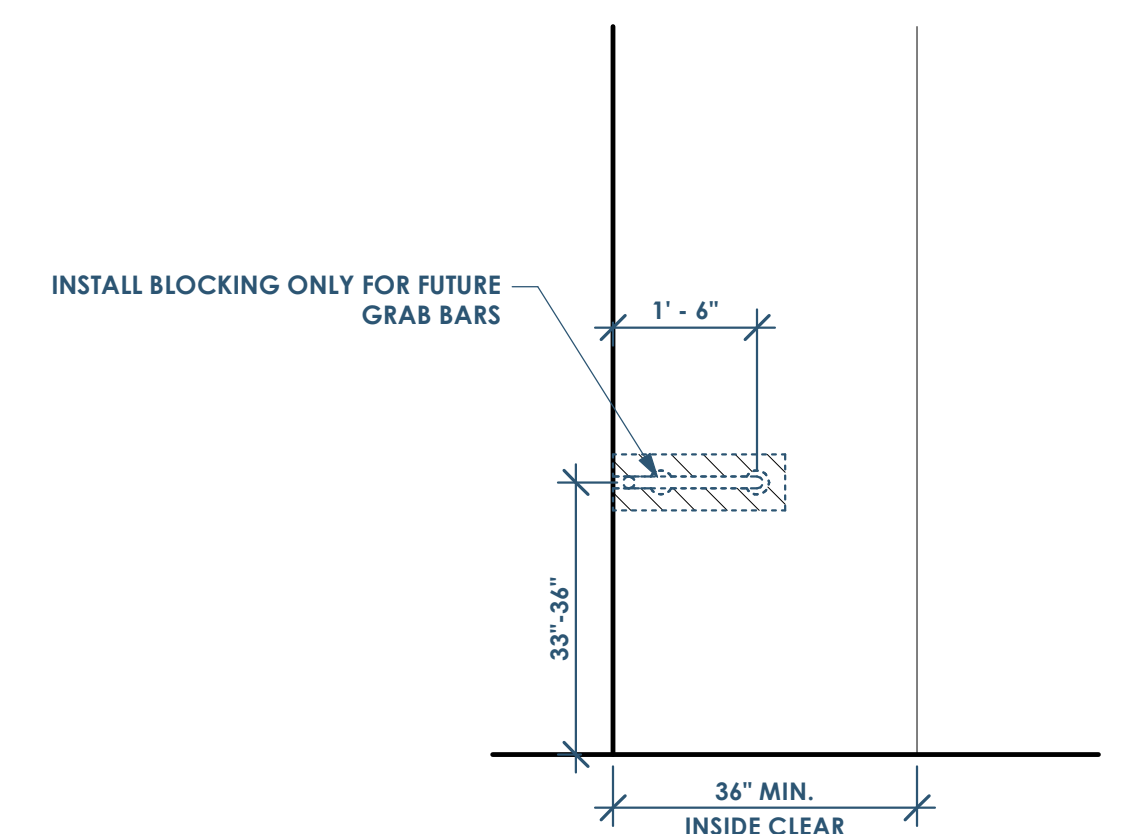
4B ADA - TYPE B - WATER CLOSET - SIDE
1/2" = 1'-0"



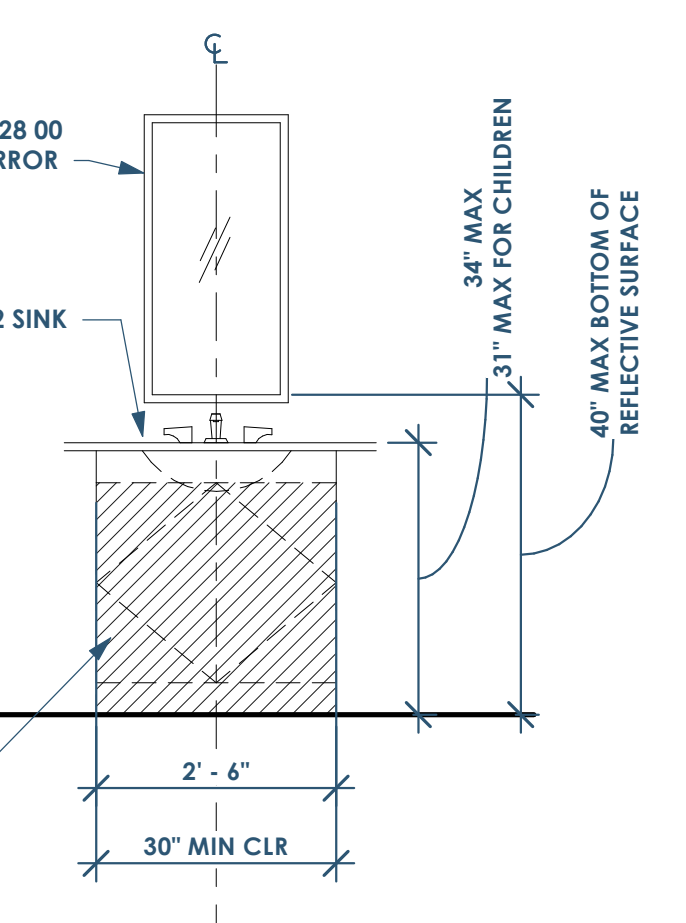
5B ADA - TYPE B - WATER CLOSET - FLOOR PLAN
1/2" = 1'-0"



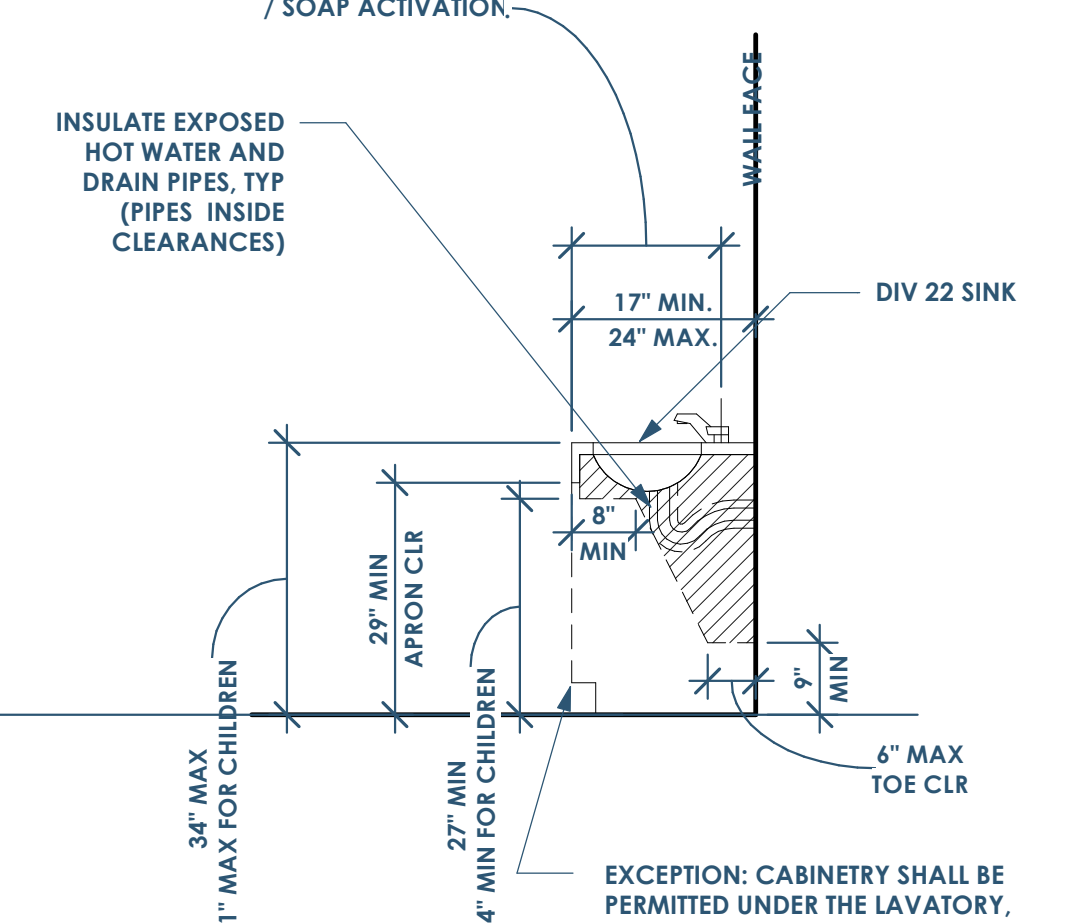
5A ADA - TYPE A & B - SHOWER - SIDE
1/2" = 1'-0"



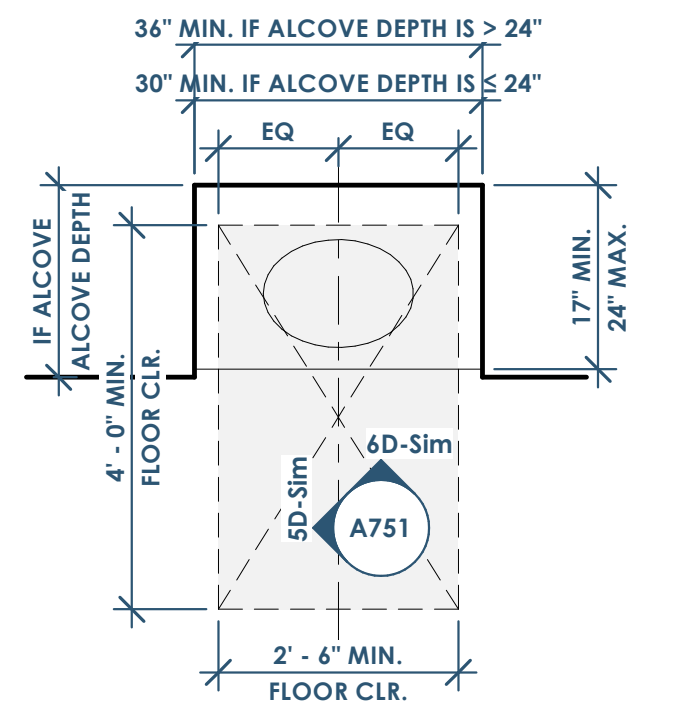
4A ADA - TYPE A & B - SHOWER - BACK
1/2" = 1'-0"



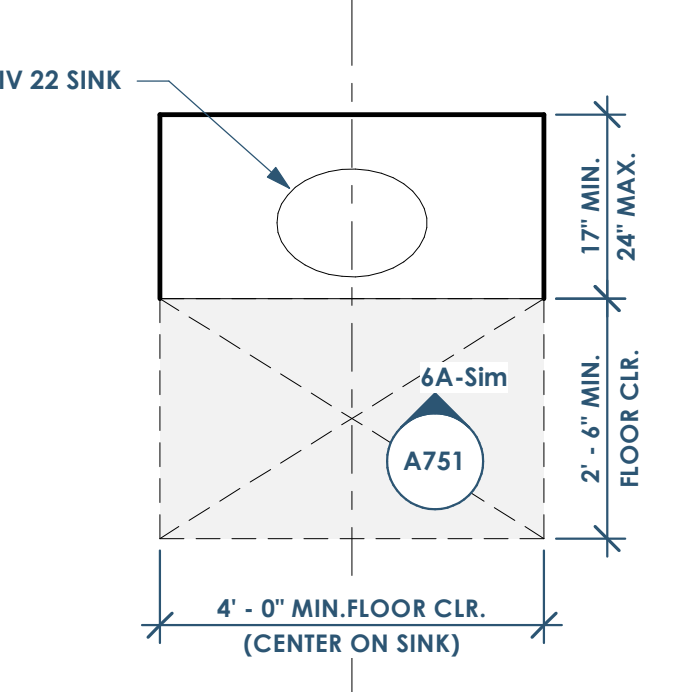
6D ADA - TYPE A - LAVATORY - FRONT (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



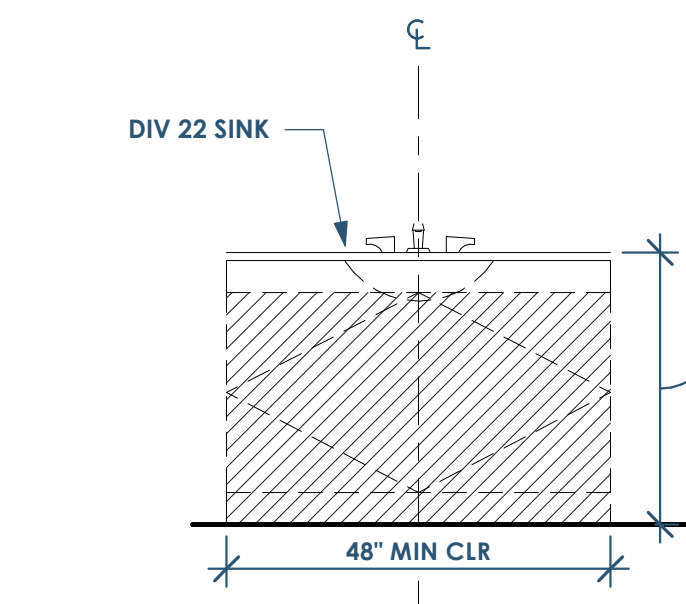
5D ADA - TYPE A - LAVATORY - SIDE (OR TYPE B FRONT APPROACH)
1/2" = 1'-0"



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"

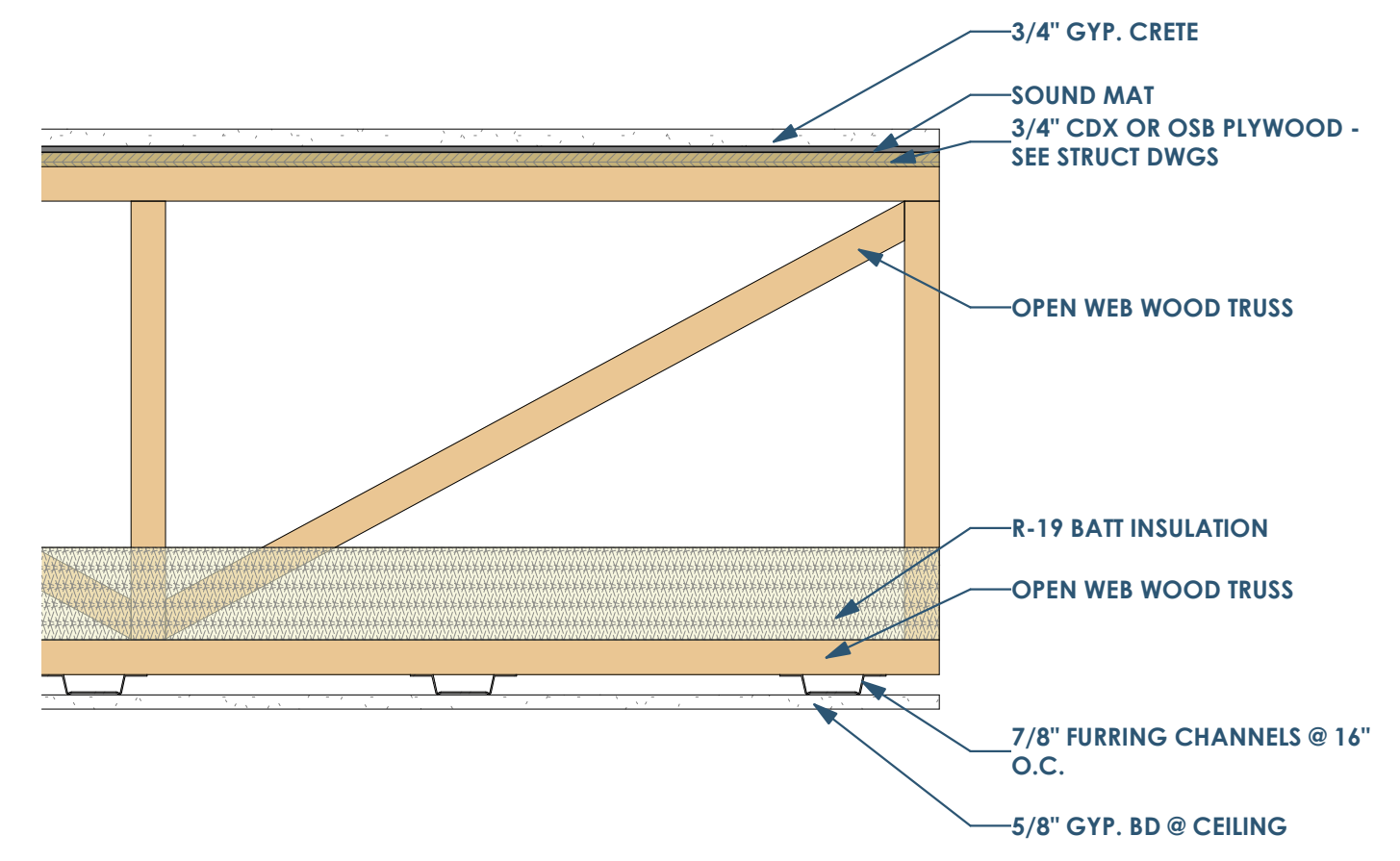
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PARTITION TAG NOMENCLATURE

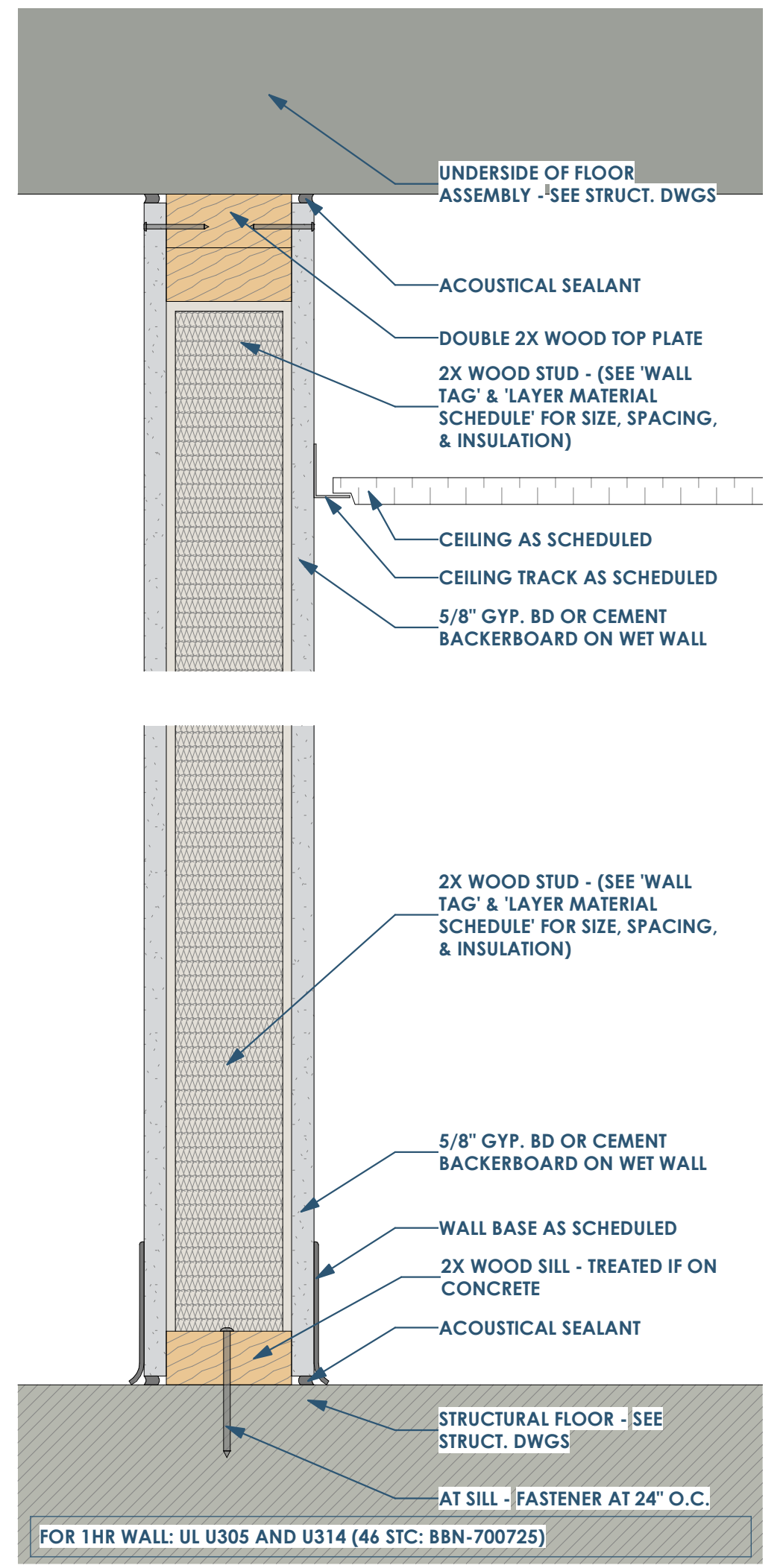
- 1ST LETTER = CORE MATERIAL**
 - W= WOOD
 - M= METAL
 - C= CONCRETE
 - B= MASONRY BLOCK
- 2ND LETTER = SIZE OF CORE**
 - WOOD: NOMINAL STUD SIZES (EX: 4 = 3 1/2")
 - METAL STUD: (EX 358 = 3 5/8")
 - CONCRETE: ACTUAL WALL THICKNESS (EX: 8 = 8")
 - MASONRY: NOMINAL BRICK MODULES (EX: 8 = 7 5/8")
- 3RD 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)	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	(PROVIDE 1/4" AIR GAP IF AGAINST CONCRETE OR MASONRY)	-
E=	-	-	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	(PROVIDE 1/4" AIR GAP IF AGAINST CONCRETE OR MASONRY) - USE TREATED WOOD STUDS IF IN CONTACT WITH CONCRETE/MASONRY	-
F=	-	5/8" GYP. BD.	5/8" GYP. BD.	STUDS 16" O.C. (20 GA. IF METAL)	BATT INSULATION	1/2" RESILIENT CHANNEL	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 FLOOR/CEILING ASSEMBLY - L521
 1 1/2" = 1'-0"




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




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Structural: Dudley
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(979) 777-0720



MEP: AMC Engineers
508 E Jackson St # 552
Bumet, TX 78611
info@amcengineers.com

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 E.O.C. 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 E.O.C. 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 (1703.1.3)

- 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 INSTALLATION 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 18%. 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 / EMBEDDED PLATES			
THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDDED/SET 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 STRUCTURAL STEEL - WELDS	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 (PIPE / 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 TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE / FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURES (MINIMUM 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 CORNER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY 	-	X	YES
ARC STRIKES	-	X	YES
I-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)			
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 FASTENER ASSEMBLIES ARE MANIPULATED AFTER THE INITIAL 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			
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	-	X	YES

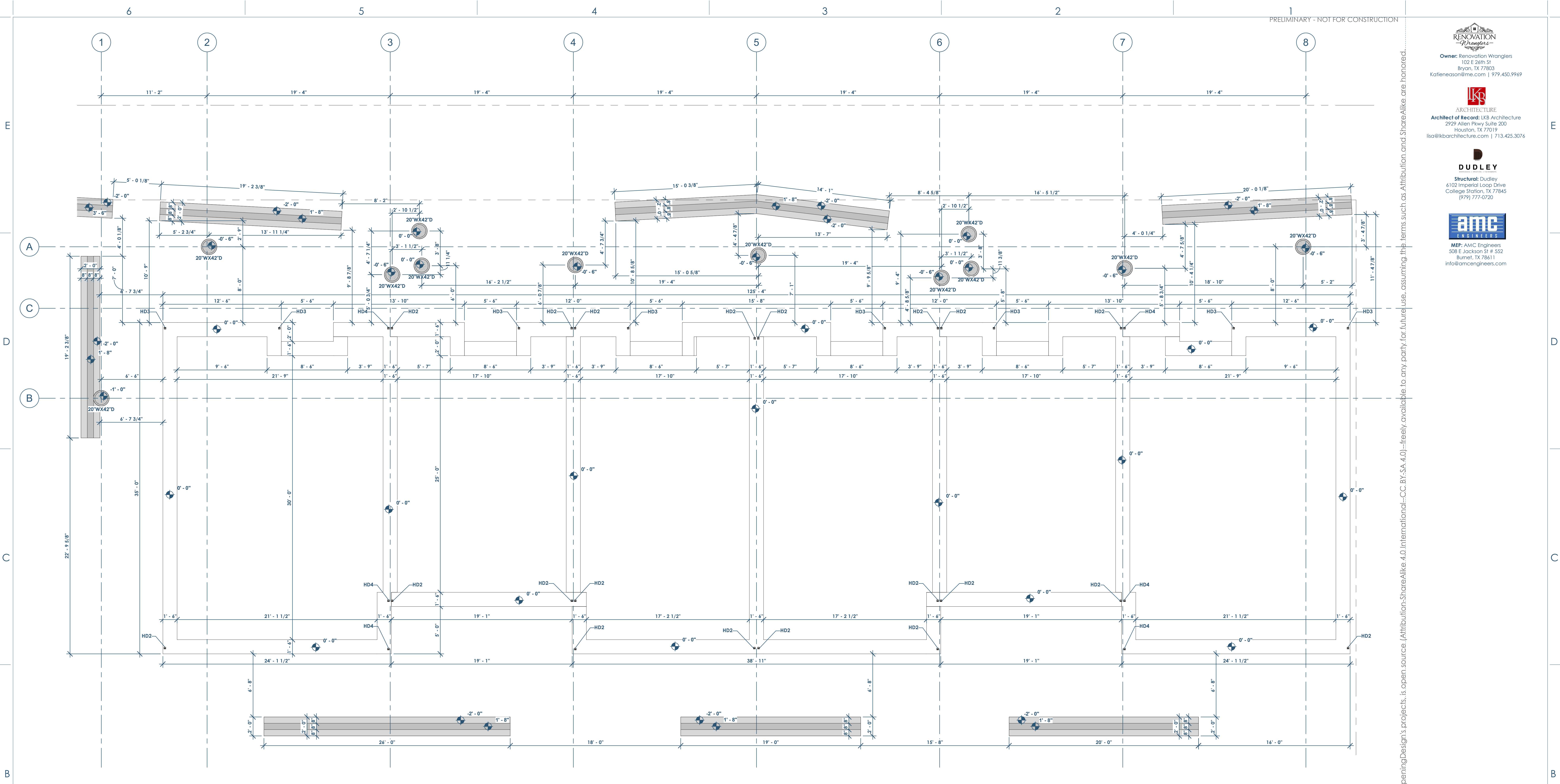
STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS DURING BOLTING			
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	-	X	YES

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Date	Description
04.16.2022	Progress Set



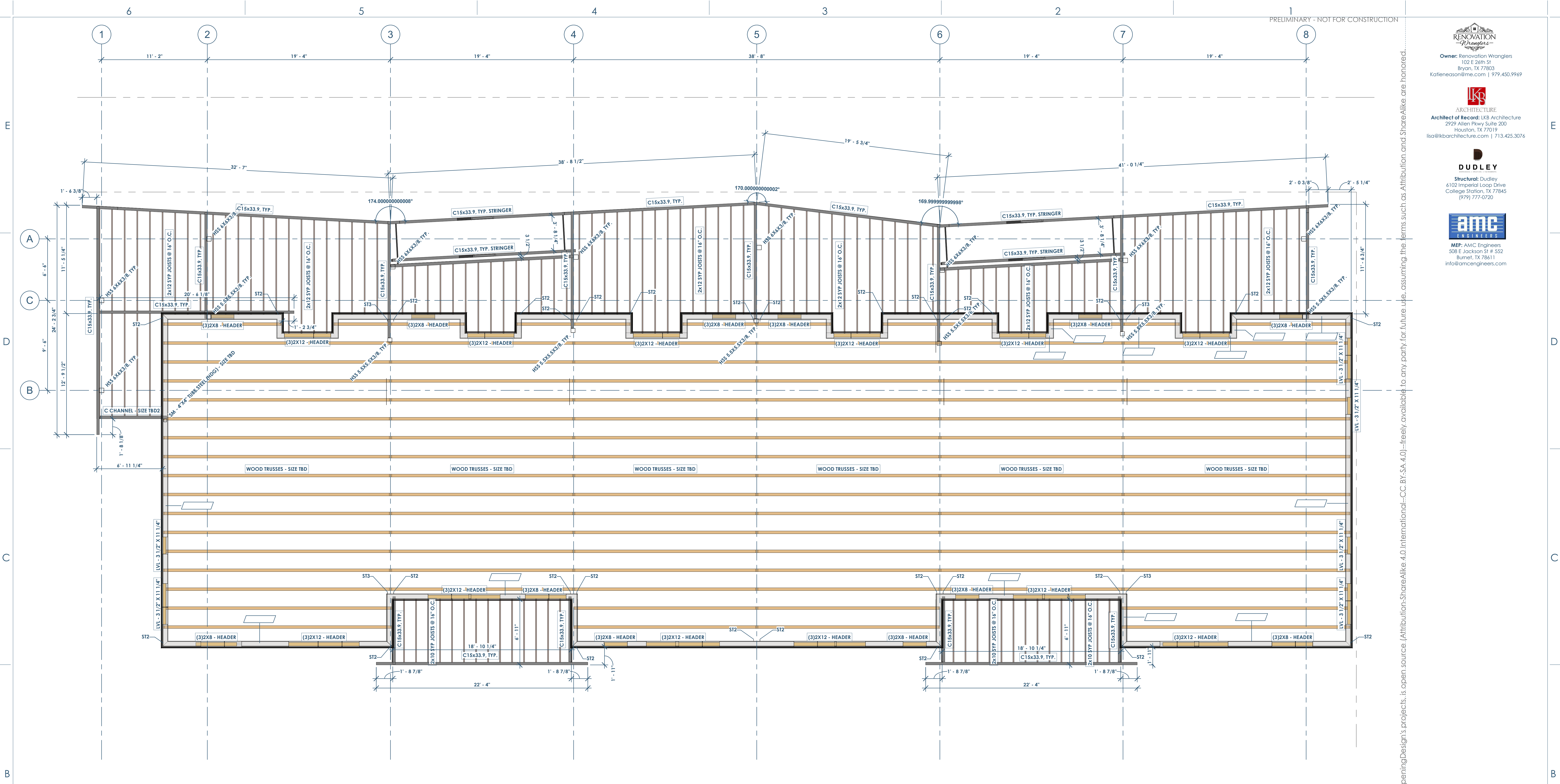
68 STRUCTURAL - FOUNDATION
 S100 1/4" = 1'-0"

SHEARWALL HOLDDOWN AT FOUNDATION							
TYPE MARK	TYPE	HARDWARE	Count	END POST	ATTACHMENT TO END POST	ANCHORAGE TO FOUNDATION	CAPACITY
HD2	POST-INSTALLED HOLDDOWN	SIMPSON HITES	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

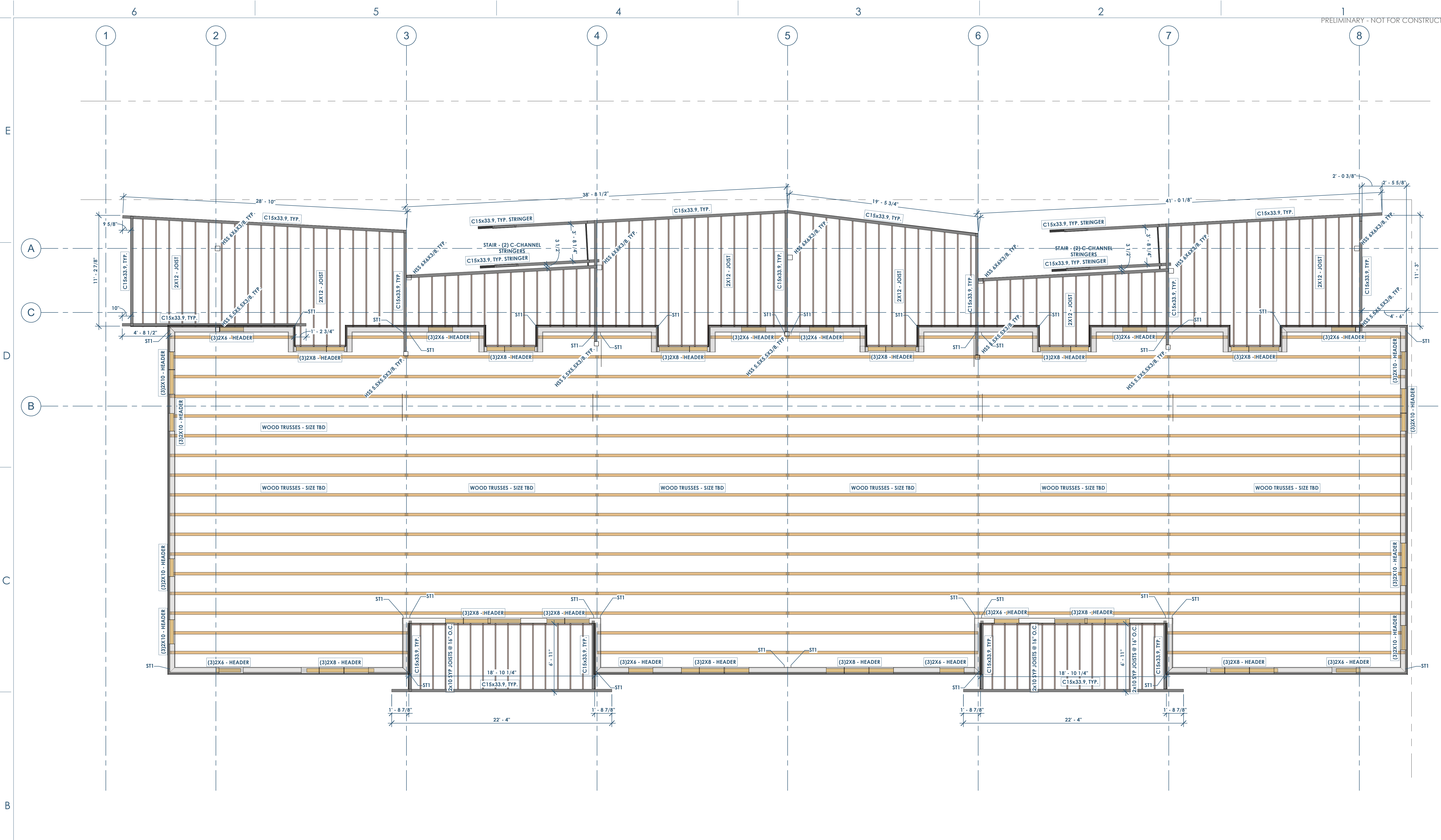


48
 S101
 FRAMING PLAN - 2ND FLOOR
 1/4" = 1'-0"

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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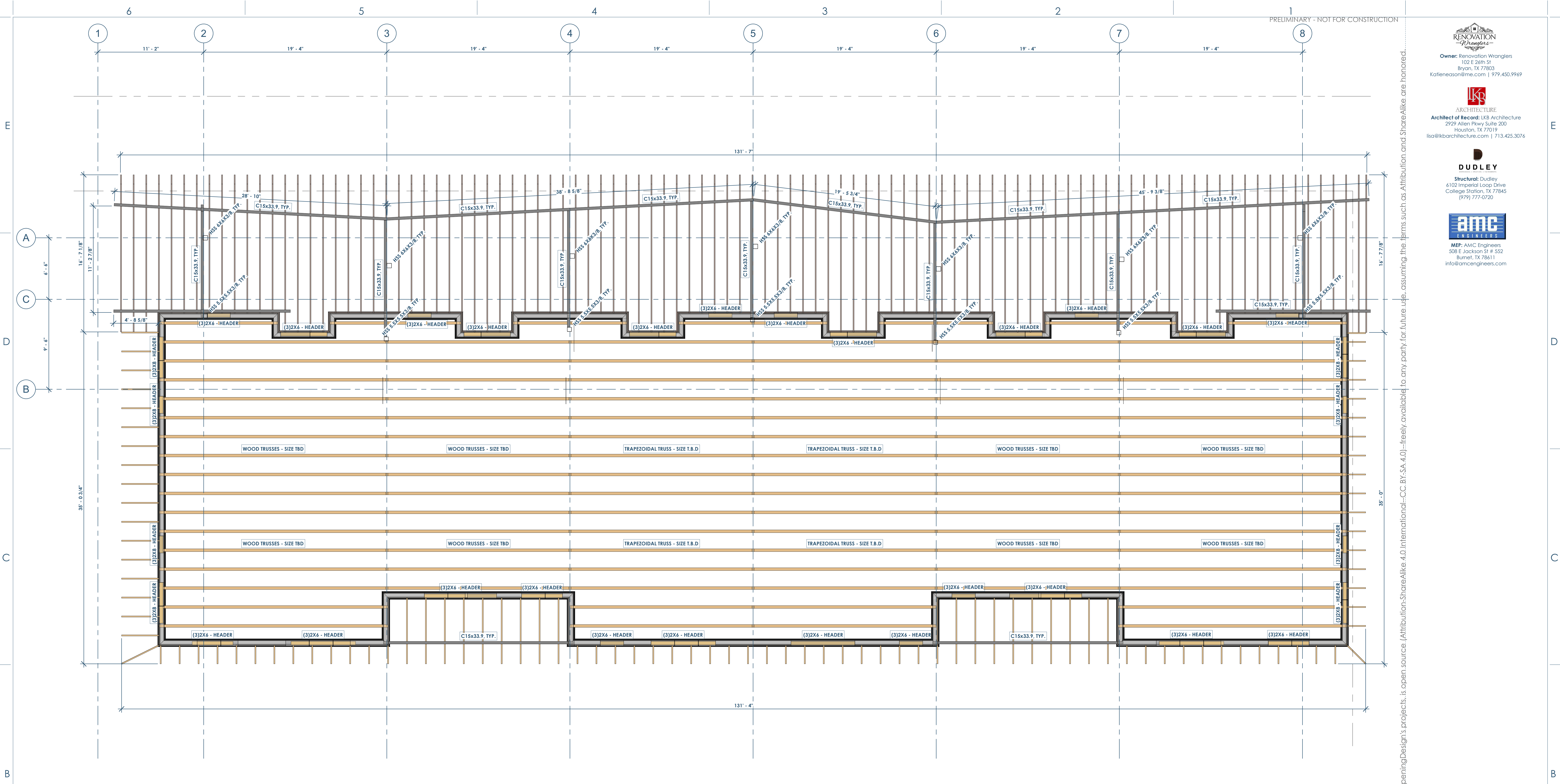
Date	Description
04.16.2022	Progress Set

RENOVATION
Roofers
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LKB
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DUDLEY
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amc
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6B
 5103
 FRAMING PLAN - ROOF
 1/4" = 1'-0"

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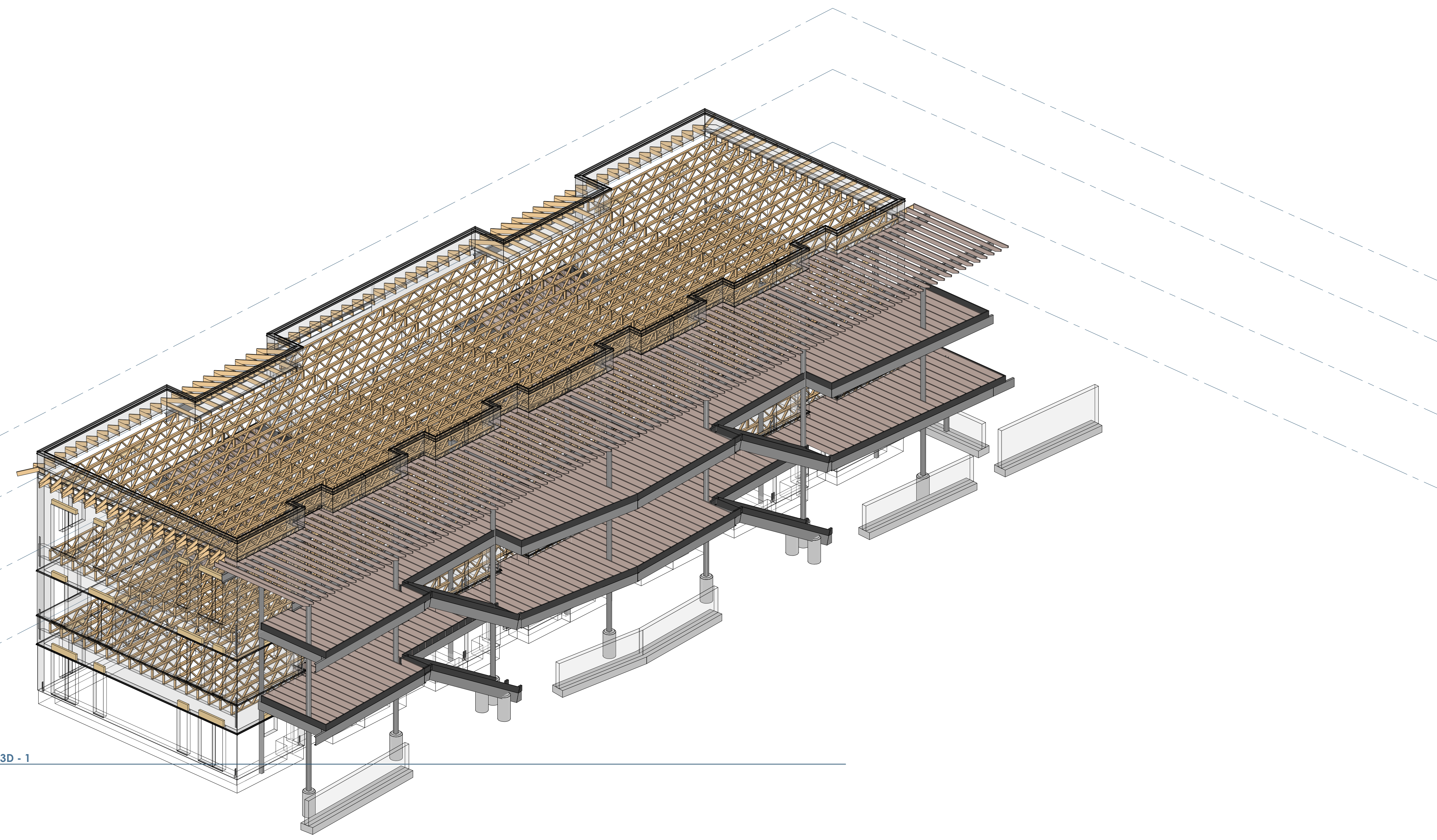
Date	Description
04.16.2022	Progress Set

RENOVATION Wranglers
 Owner: Renovation Wranglers
 102 E 26th St
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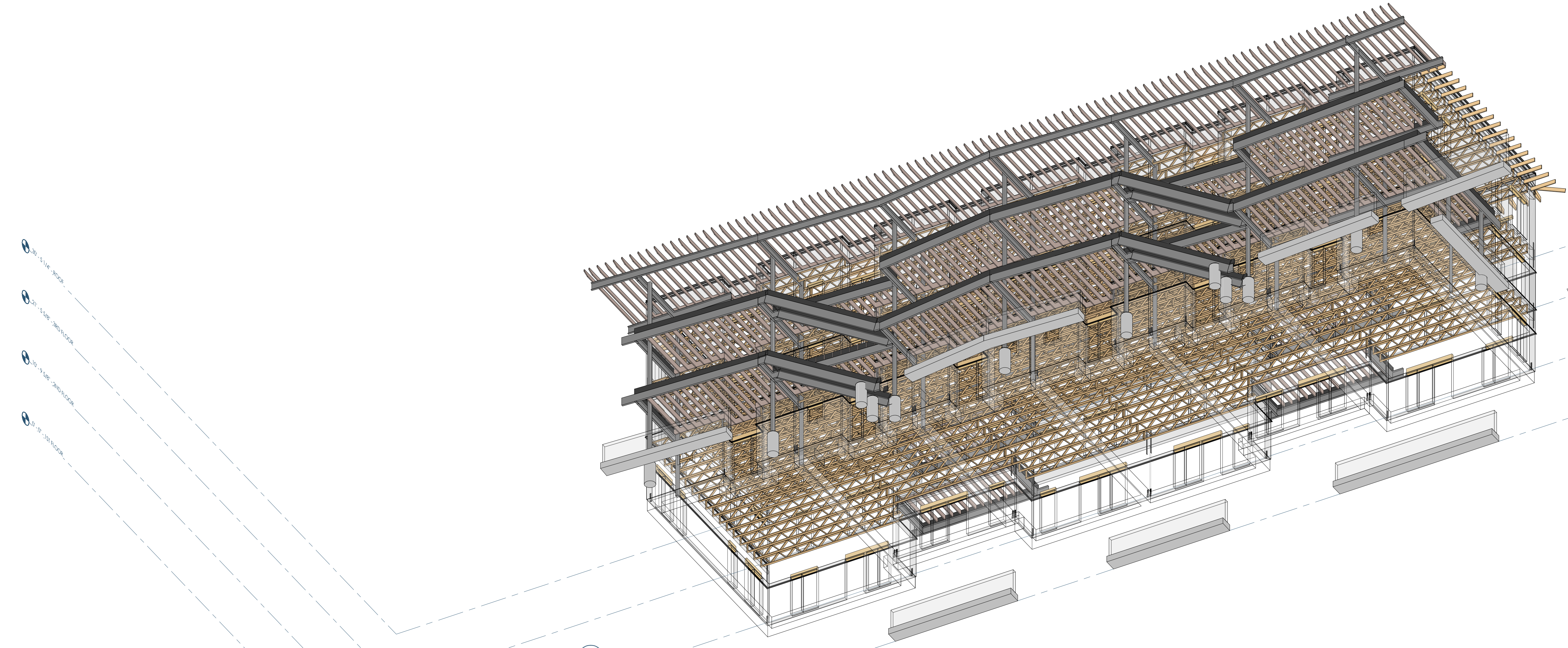
LKB ARCHITECTURE
 Architect of Record: LKB Architecture
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DUDLEY
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6C S900 STRUCTURAL FRAMING - 3D - 1



4A S900 STRUCTURAL FRAMING - 3D - 2

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Date	Description
04.16.2022	Progress Set

RENOVATION
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Engineers

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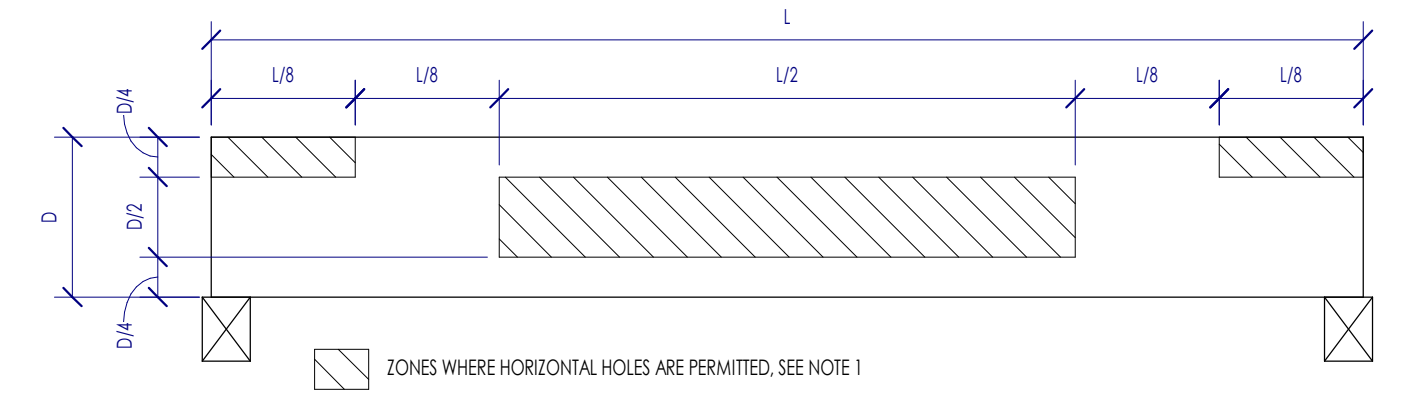
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TYPICAL FASTENING SCHEDULE			
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO RILL OR GIRDER	(2) - 0.131"Ø X 3"	TORNAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 3" NAILS @ 12" OC NAILS	FACE NAIL
3	TOP PLATE TO STUD	(3) - 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/RAFTERS 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 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

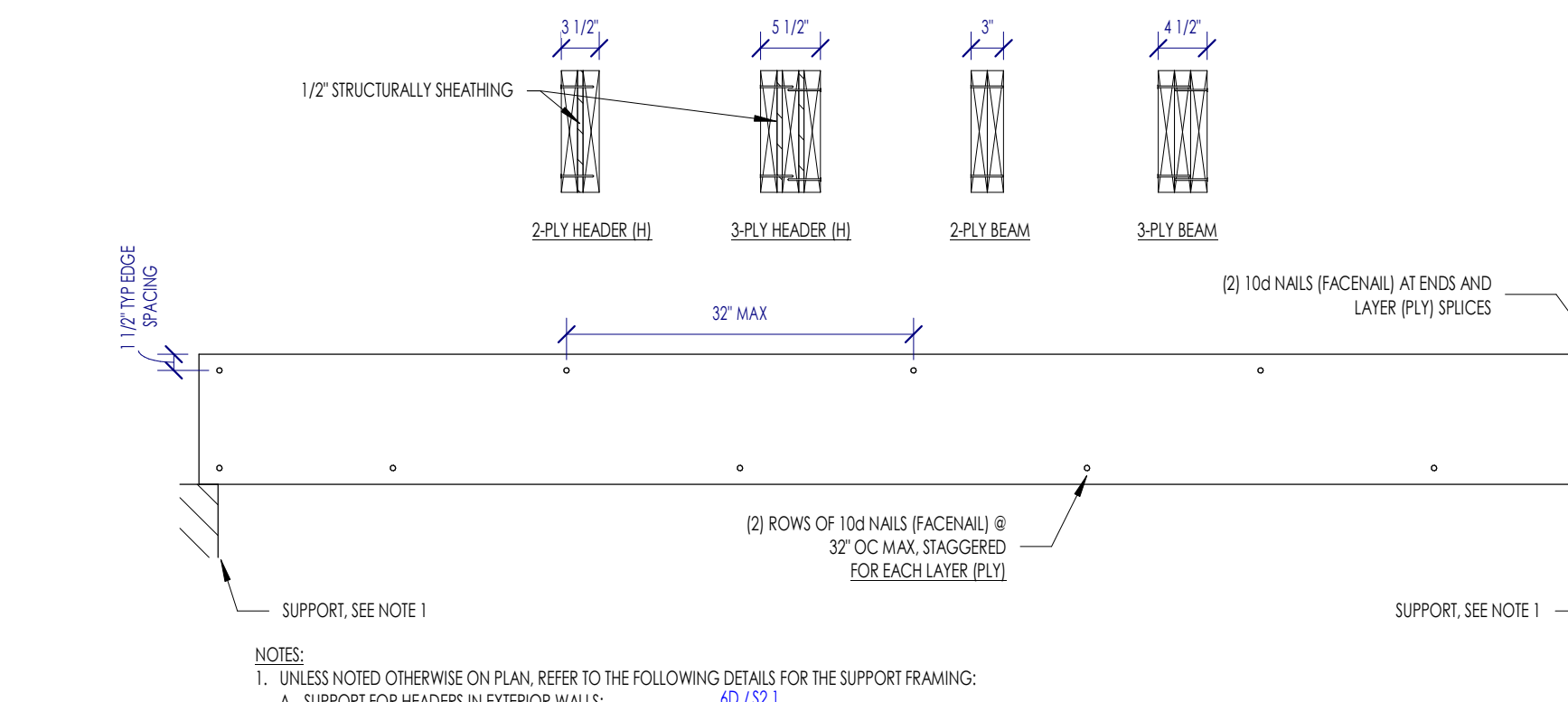


NOTES:
1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/16" OR D/10, WHICHEVER IS SMALLEST.
2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY 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"

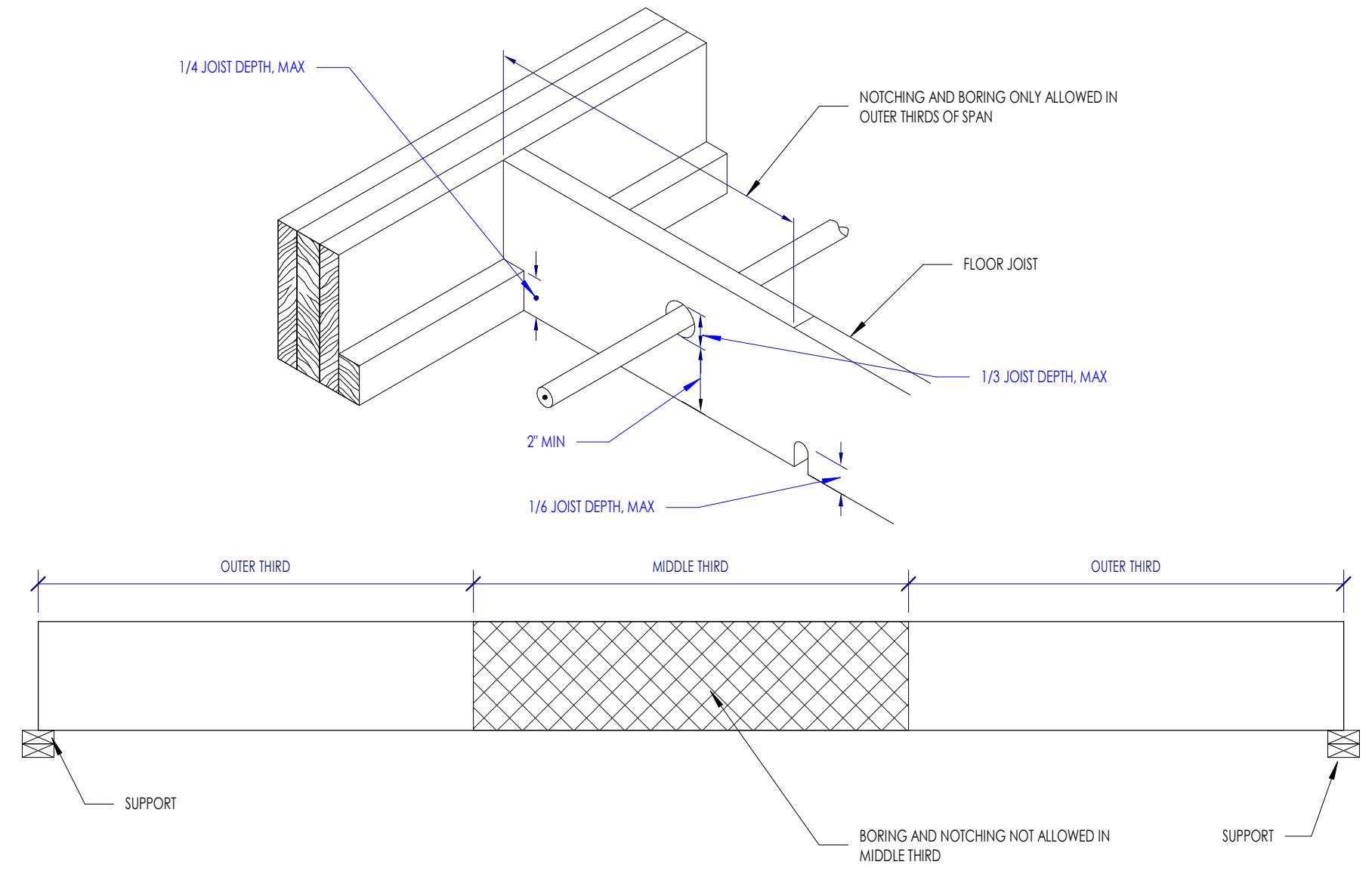
5D S2.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS
1/2" = 1'-0"

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

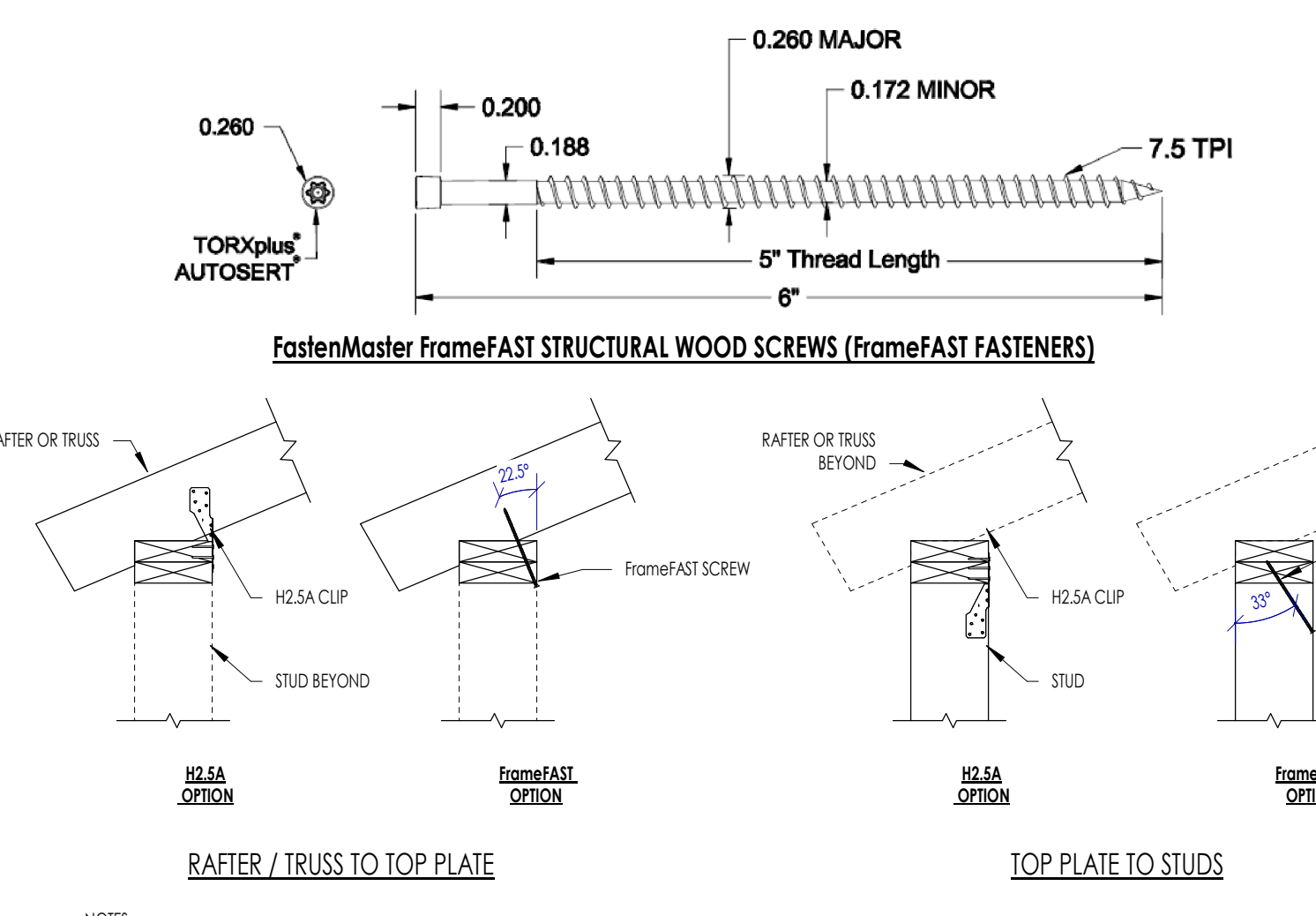


NOTES:
1. UNLESS NOTED OTHERWISE ON PLAN, REFER TO THE FOLLOWING DETAILS FOR THE SUPPORT FRAMING:
A. SUPPORT FOR HEADERS IN EXTERIOR WALLS
B. SUPPORT FOR HEADERS IN INTERIOR WALLS
C. SUPPORT FOR BEAMS & GIRDERS SUPPORTED BY WALL - REFERENCE BEAM SCHEDULE

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



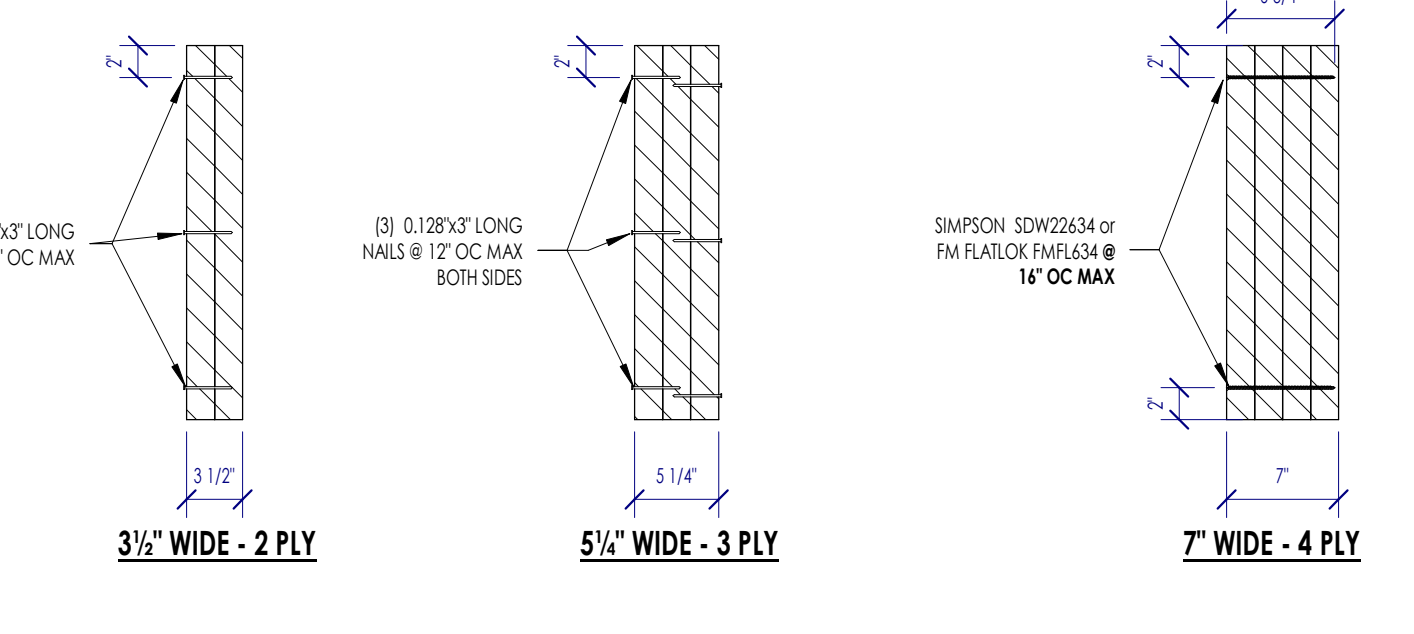
6C S2.0 ALLOWABLE NOTCHING AND BORING OF FLOOR JOISTS
3/4" = 1'-0"



NOTES:
1. FastenMaster FrameFAST STRUCTURAL WOOD SCREWS (FrameFAST FASTENERS) MAY BE SUBSTITUTED 1 FOR 1 WITH H2.5A CLIPS.

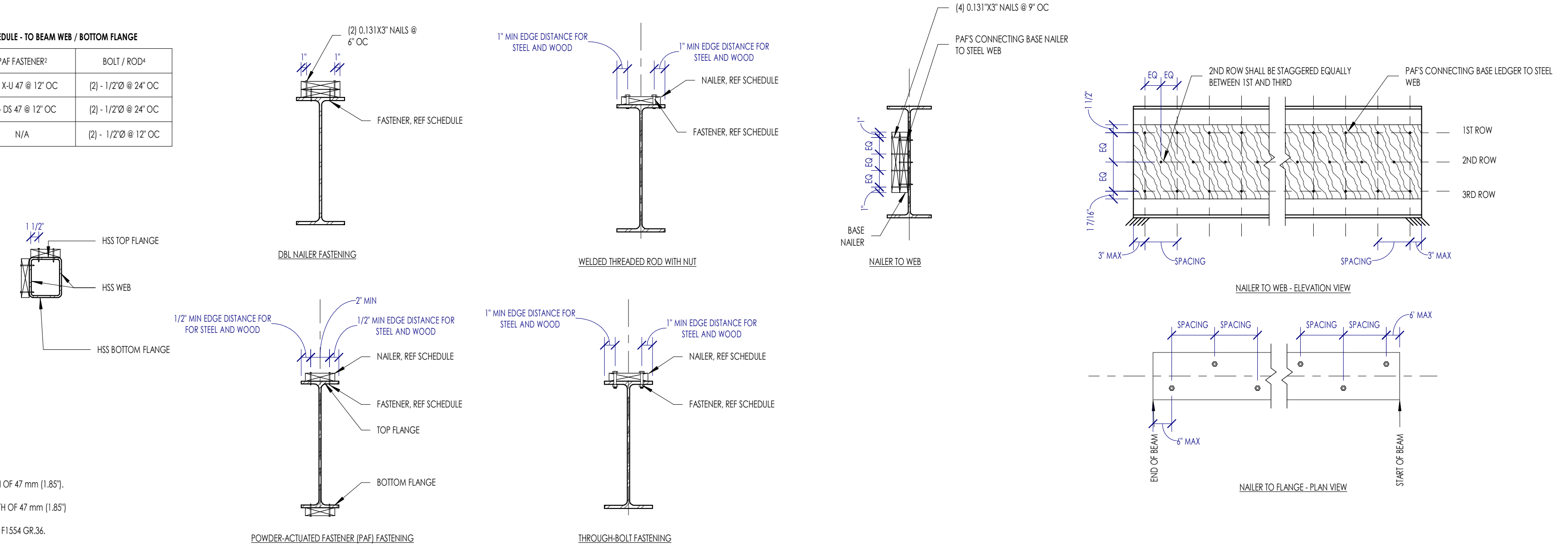
5C S2.0 ALLOWABLE SUBSTITUTION OF H2.5A CLIPS WITH FrameFAST SCREWS - UPLIFT LOAD PATH
1" = 1'-0"

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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Date	Description
04.16.2022	Progress Set

RENOVATION
Wranglers

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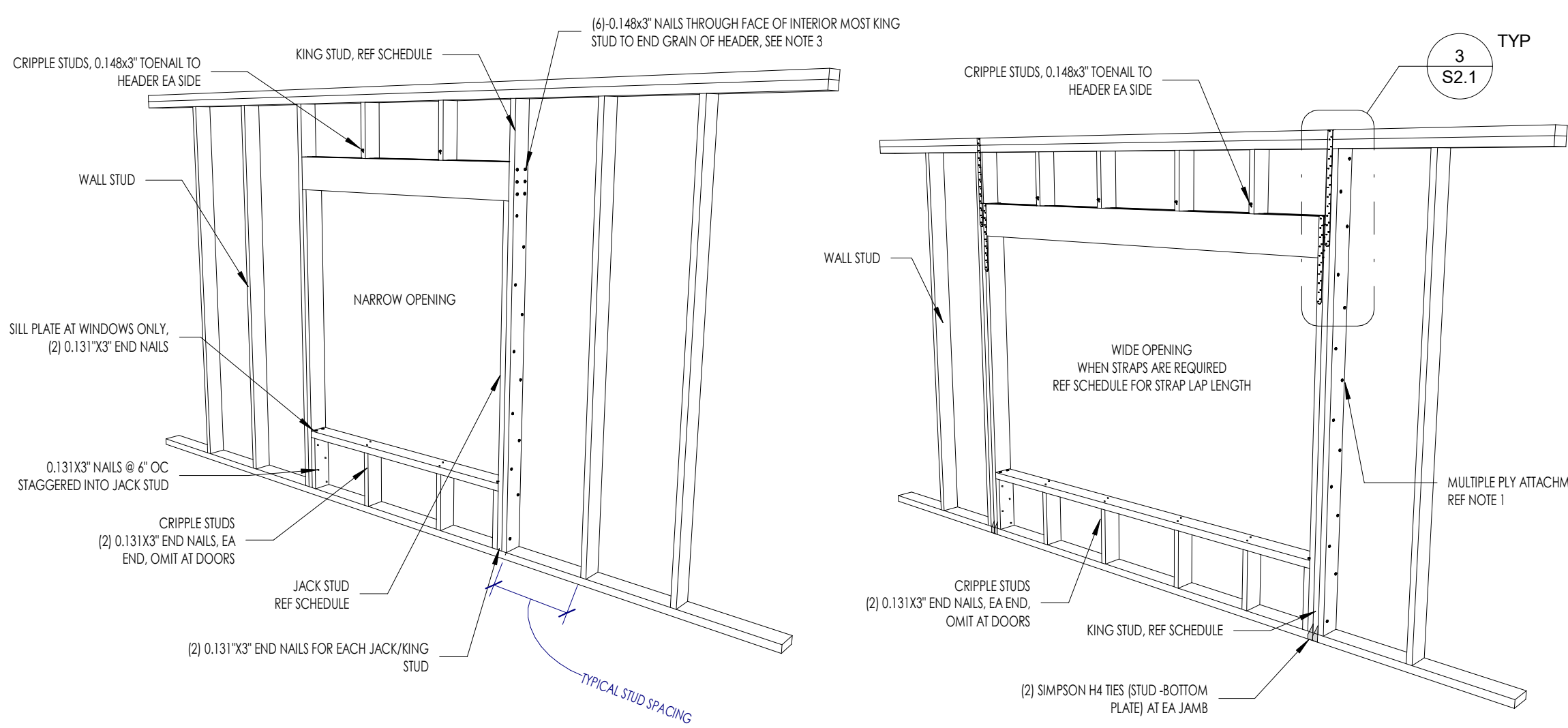
ENGINEERING NOTES:

- ENGINEER MUST REVIEW THE DRAWINGS TO CONFIRM THAT THERE ARE NOT OPENINGS LARGER THAN LISTED IN THE TABLES ABOVE. IF THERE ARE, THEN WE ADD THESE TO OUR SCHEDULE. KEEP IN MIND THE FOLLOWING:
 - THE WIDER THE OPENING, THE MORE LOAD THE KING STUDS MUST BE ABLE TO TAKE IN BENDING.
 - AXIAL LOADS ARE PRIMARILY TAKEN BY THE JACK STUDS.
 - WE NEED TO INCREASE THE STRAP WIDTH OPENING ON THE UPST FORCE.
- 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).

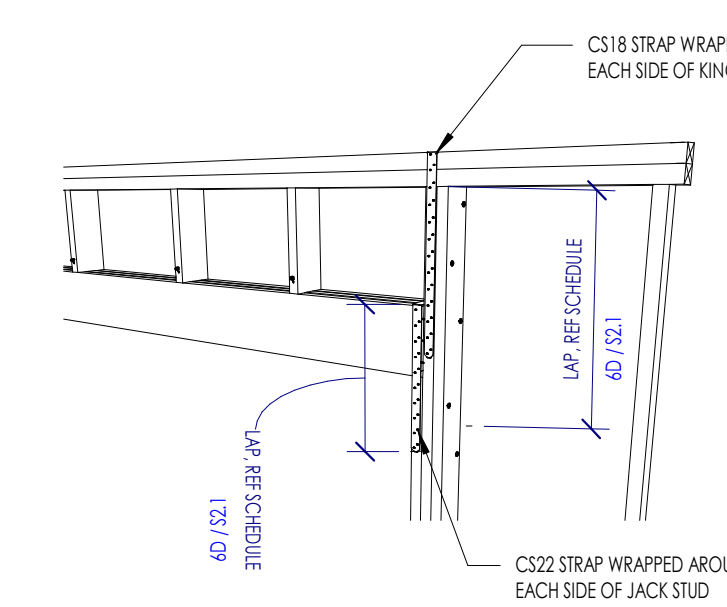
2X4 STUD WALL							2X6 STUD WALL								
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)	OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	11	12				8	9	10	11	12		
≤3	1	1	1	2	2	1	N/R	≤3	1	1	1	1	1	1	N/R
4	1	1	2	2	2	1	N/R	4	1	1	1	1	1	1	N/R
5	2	2	2	3	3	1	N/R	5	1	1	1	1	2	1	N/R
6	2	2	3	3	3	1	N/R	6	1	1	2	2	1	N/R	
7	2	2	3	3	4	1	N/R	7	1	1	2	2	2	1	N/R
8	3	3	4	4	4	2	8	8	1	1	2	2	2	2	8
9	3	3	4	4	4	2	8	9	1	2	2	2	2	2	8
10	3	3	4	4	4	2	8	10	1	2	2	2	3	2	8

NOTES:

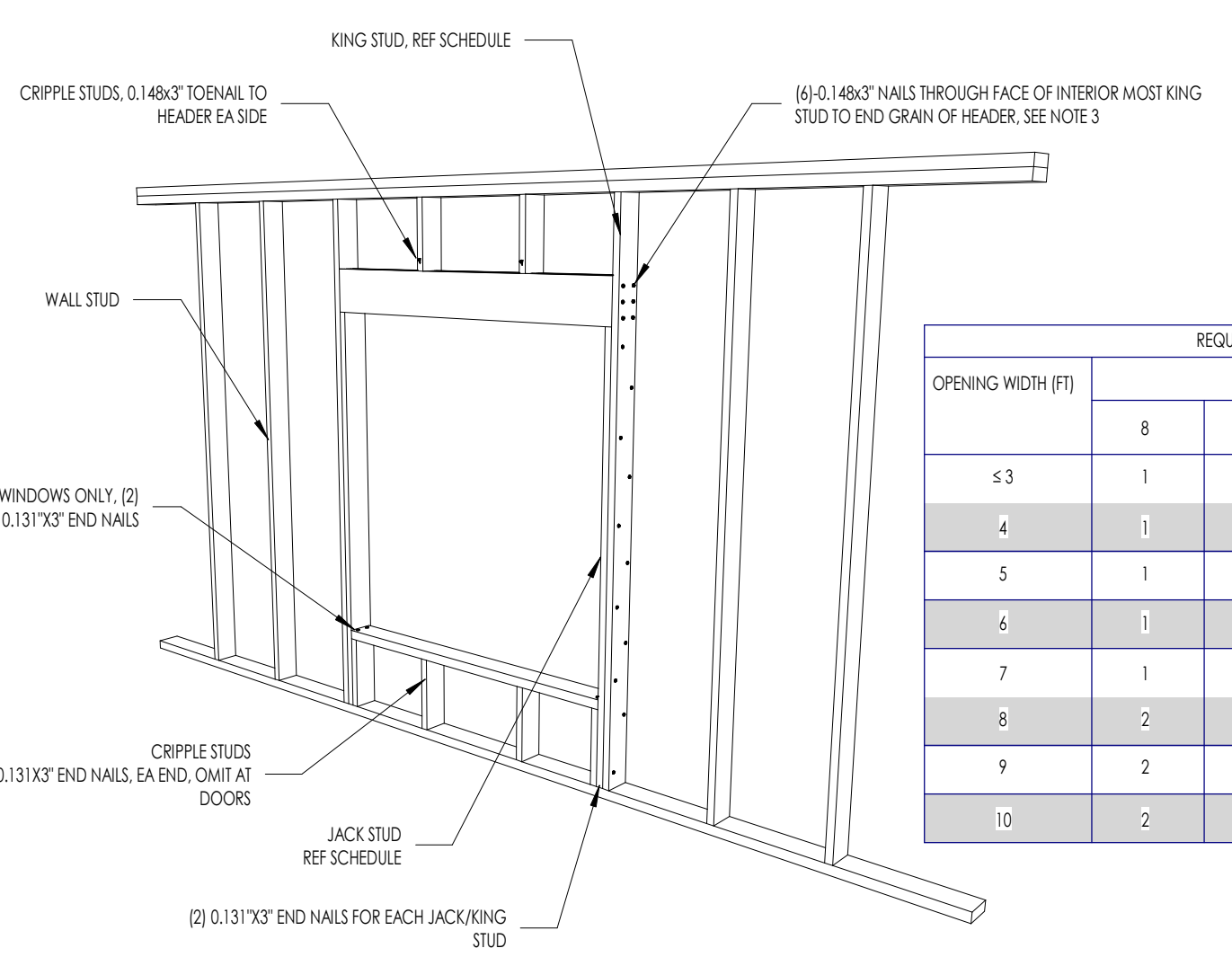
- MULTIPLE PILES MUST BE ATTACHED PER THE MECHANICALLY LAMINATED BUILT-UP COLUMN, NAILED DETAIL.
- TABLE IS BASED OFF AN HORIZONTAL WIND PRESSURE OF 20 PSF AND GRAVITY LOADING OF 200 PLF.
- NAIJS MUST BE CENTERED ON THE WINDOW PLATE OF THE HEADER.
- N/R = NOT REQUIRED. IF N/R, THEN REFERENCE NARROW OPENING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



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



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

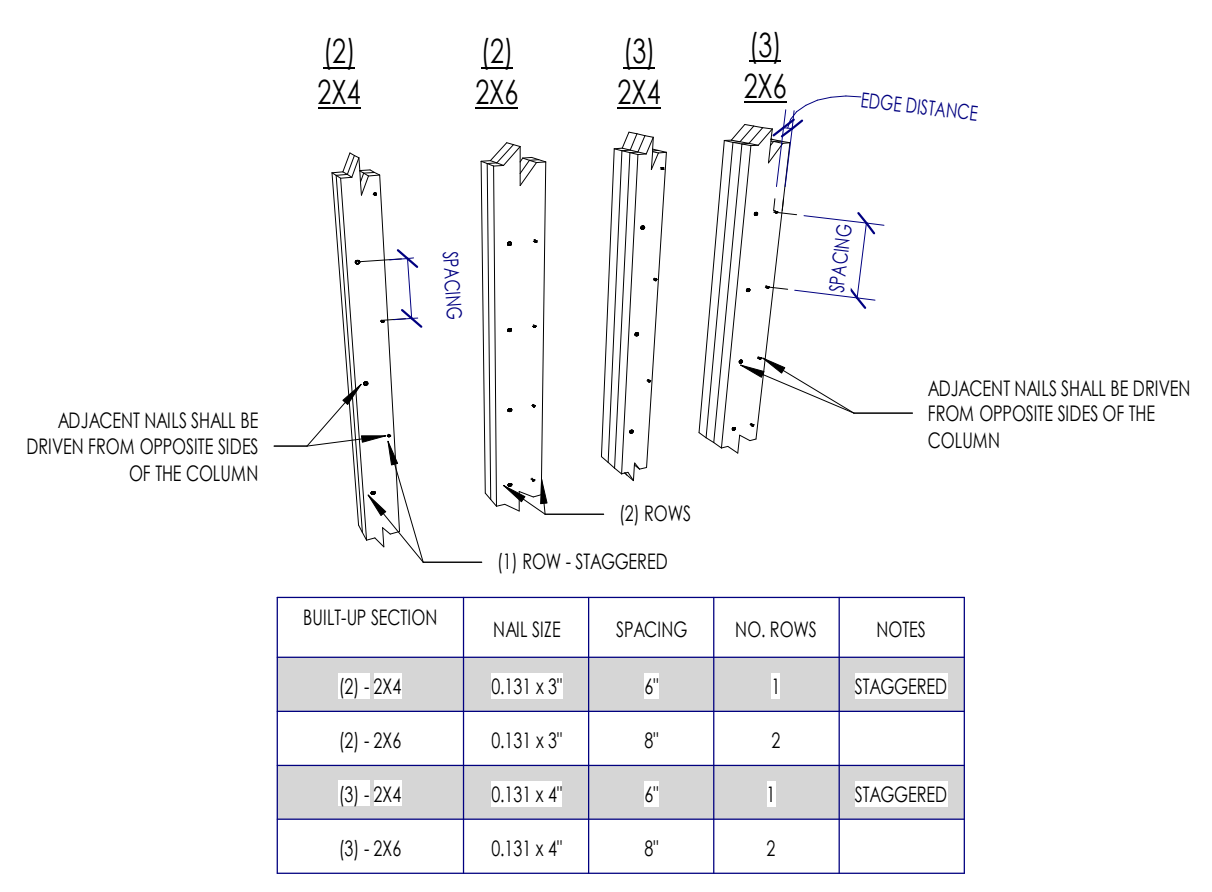


4C S2.1
TYPICAL INTERIOR OPENING FRAMING
1 1/2" = 1'-0"

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		2X4 STUD WALL	2X6 STUD WALL
≤3	1	1	1	1	1	1	≤3	1	1	1	1	1	1	228H	326H
4	1	1	1	1	1	1	4	1	1	1	1	1	1	228H	326H
5	1	1	1	2	2	1	5	1	1	1	2	2	1	228H	326H
6	1	1	2	2	2	1	6	1	1	2	2	2	1	228H	326H
7	1	1	2	2	3	1	7	1	1	2	2	3	1	228H	326H
8	2	2	2	3	3	2	8	2	2	2	3	3	1	2210H	3210H
9	2	2	3	3	3	2	9	2	2	3	3	3	1	2210H	3210H
10	2	2	3	3	3	2	10	2	2	3	3	3	1	2210H	3210H

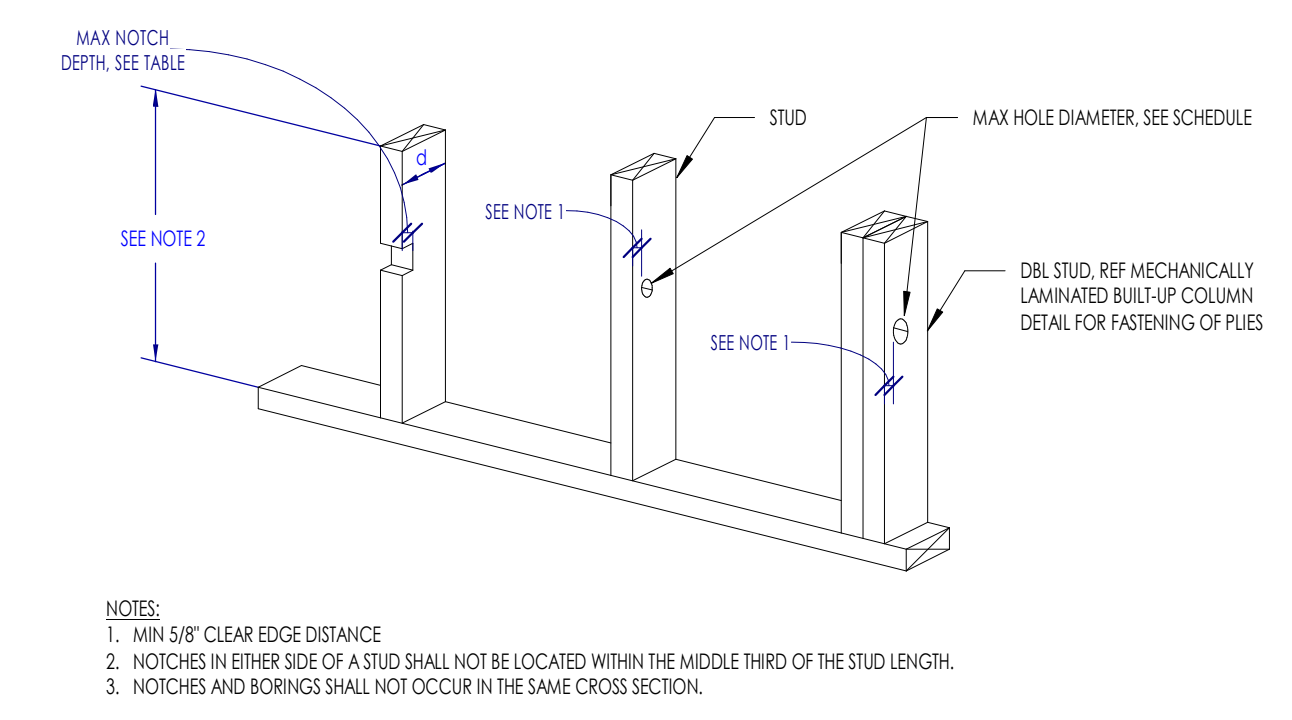
NOTES:

- LOAD BEARING WALLS AND ASSOCIATED HEADERS ARE INDICATED ON PLAN.

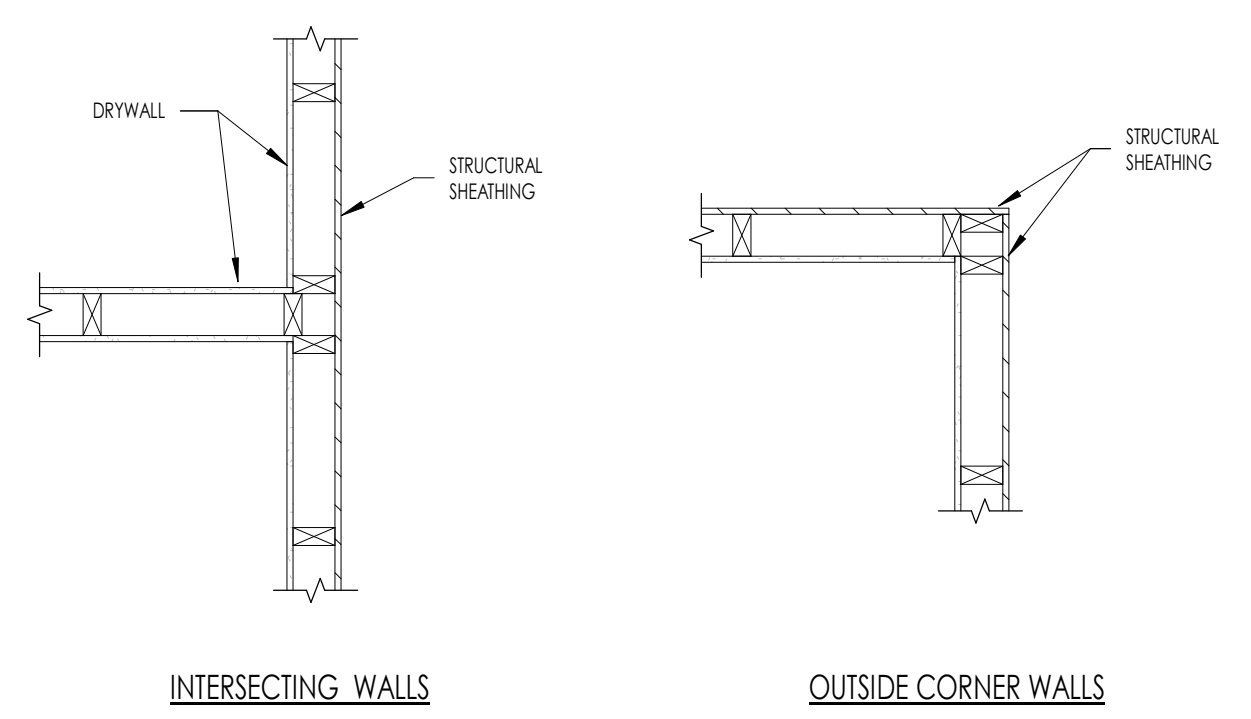


3C S2.1
MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED
1 1/2" = 1'-0"

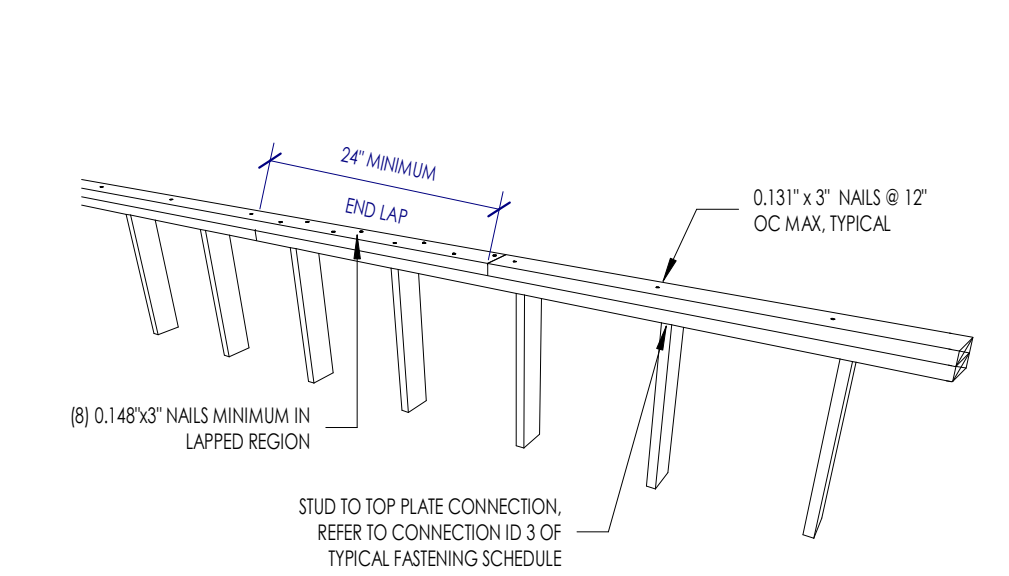
ALLOWABLE NOTCHING AND BORING SCHEDULE		
STUD SIZE	MAX HOLE Ø	MAX NOTCH
2X4	2"	1.38"
2X6	3 1/4"	2.316"
DBL - 2X4	2"	1.38"
DBL - 2X6	3 1/4"	2.316"



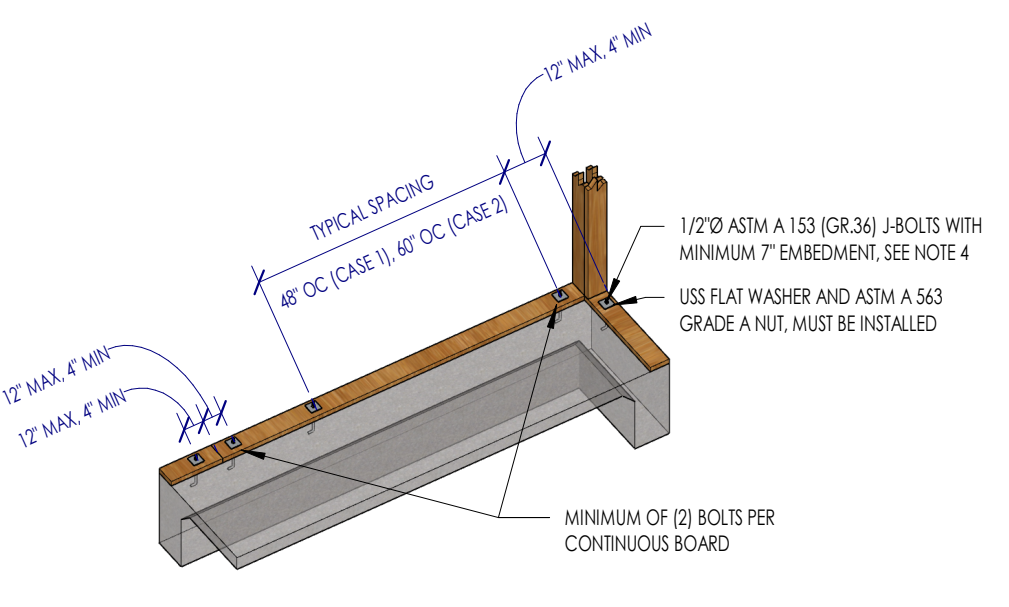
2C S2.1
ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS
3/4" = 1'-0"



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

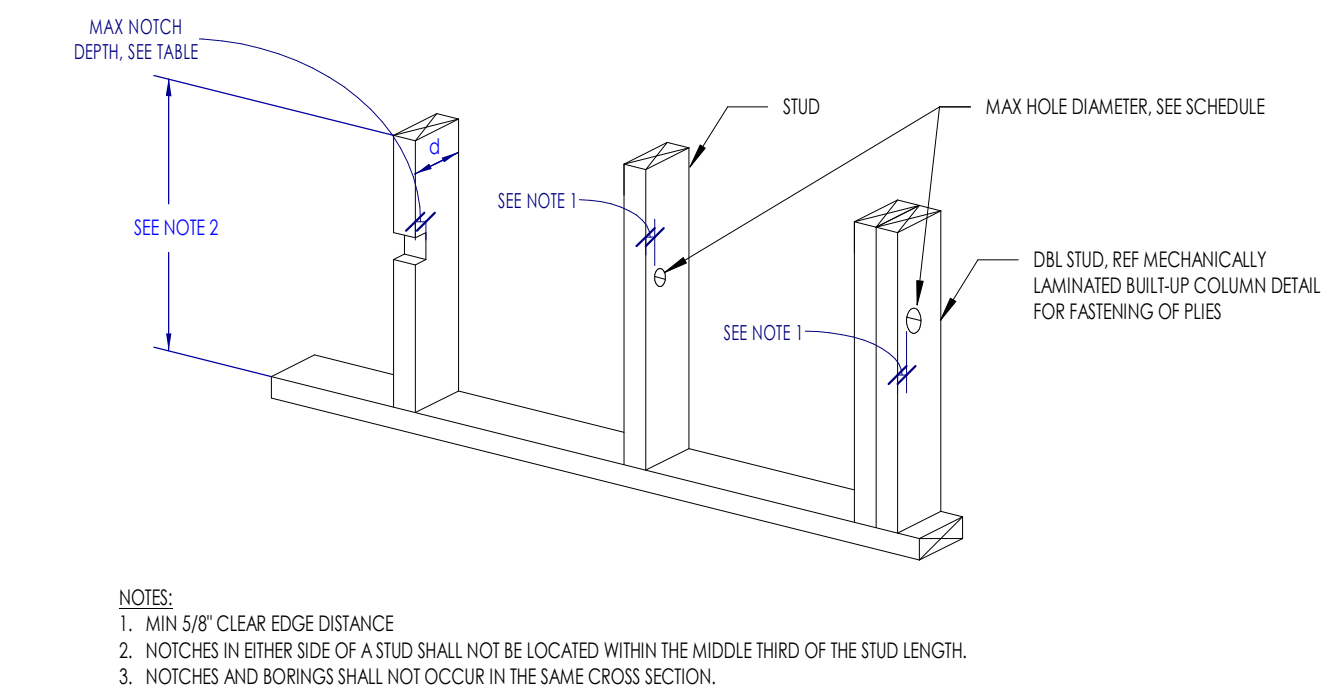


5B S2.1
TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE
1" = 1'-0"



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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Date	Description
04.16.2022	Progress Set

RENOVATION
Wranglers

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

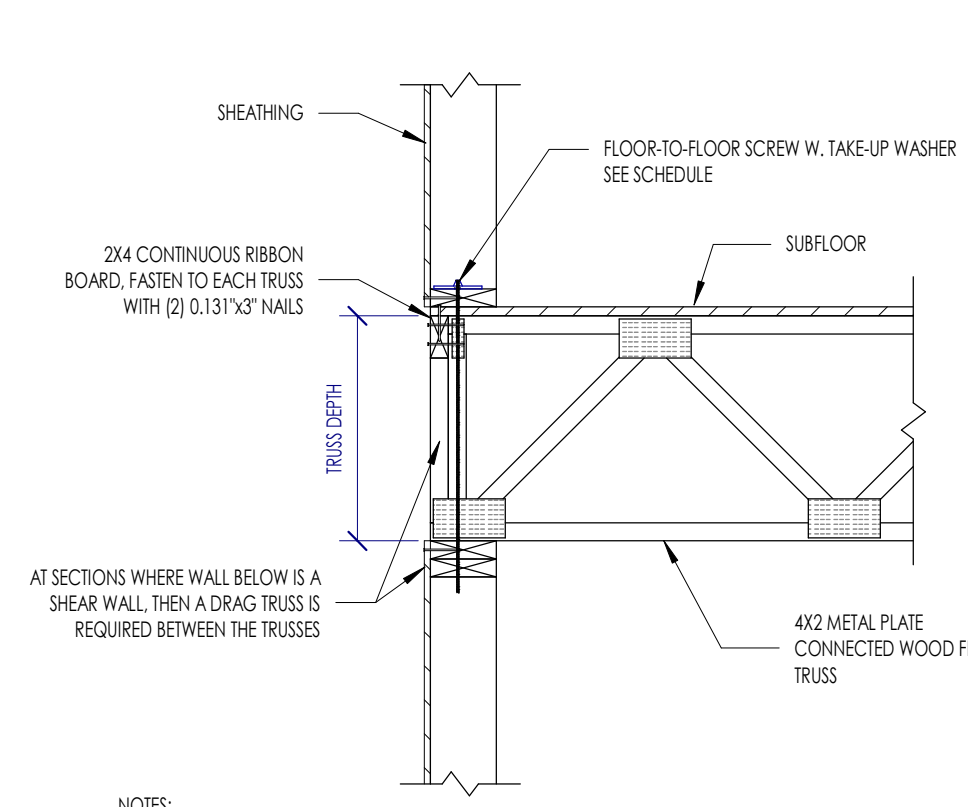
ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
Houston, TX 77019
isa@lkbarchitecture.com | 713.425.3076

DUDDLEY
Structural: Dudley
4102 Imperial Loop Drive
College Station, TX 77845
(979) 777-0720

amc
ENGINEERS

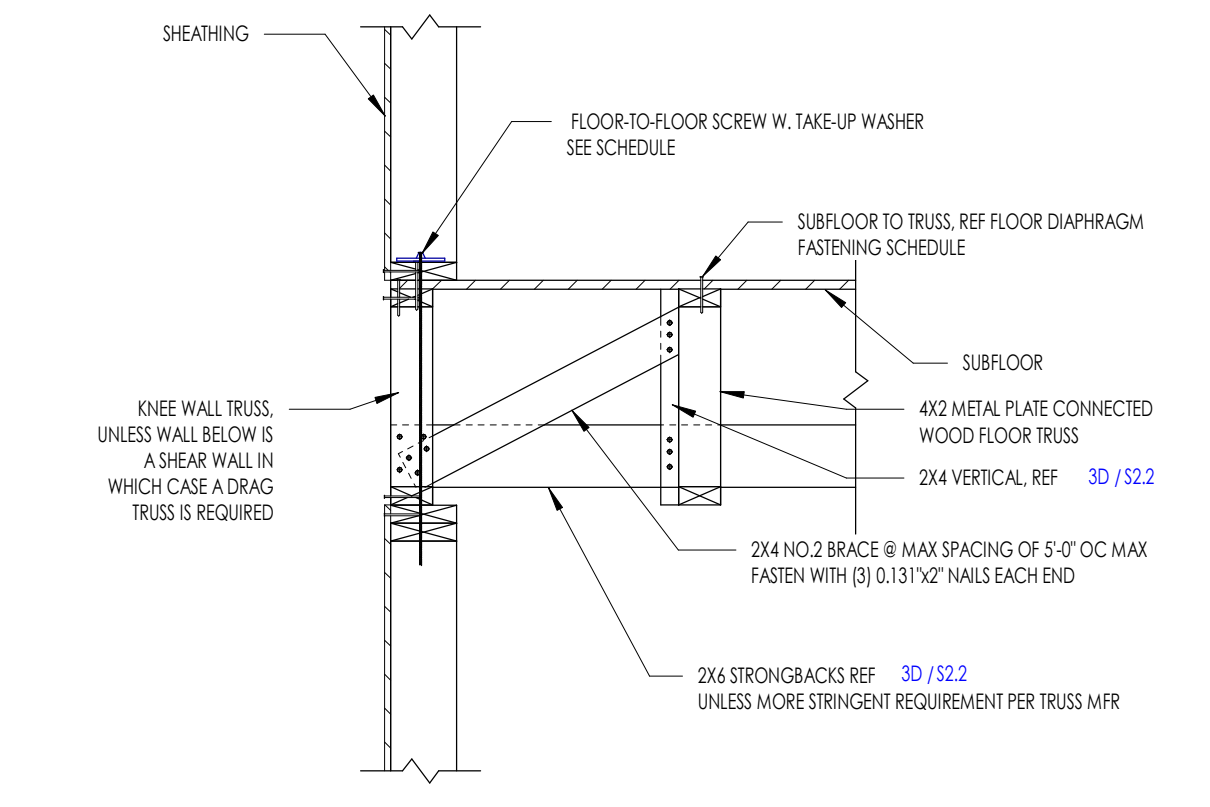
MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com

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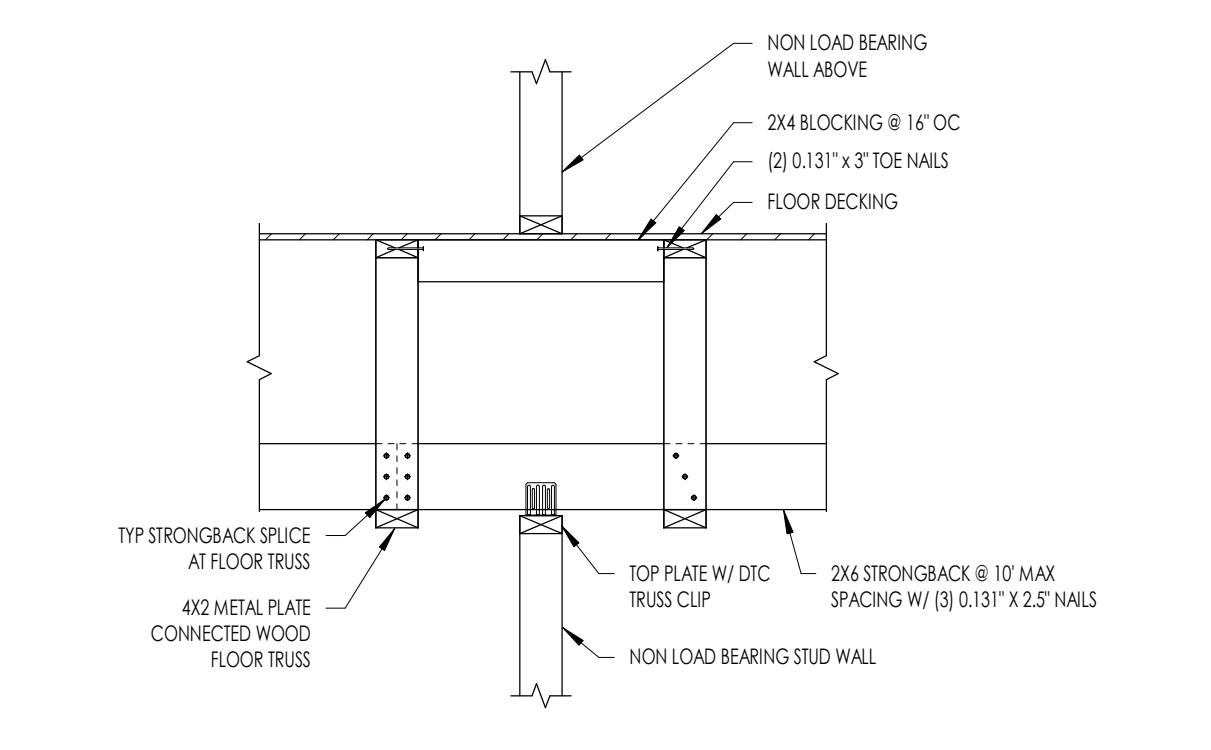
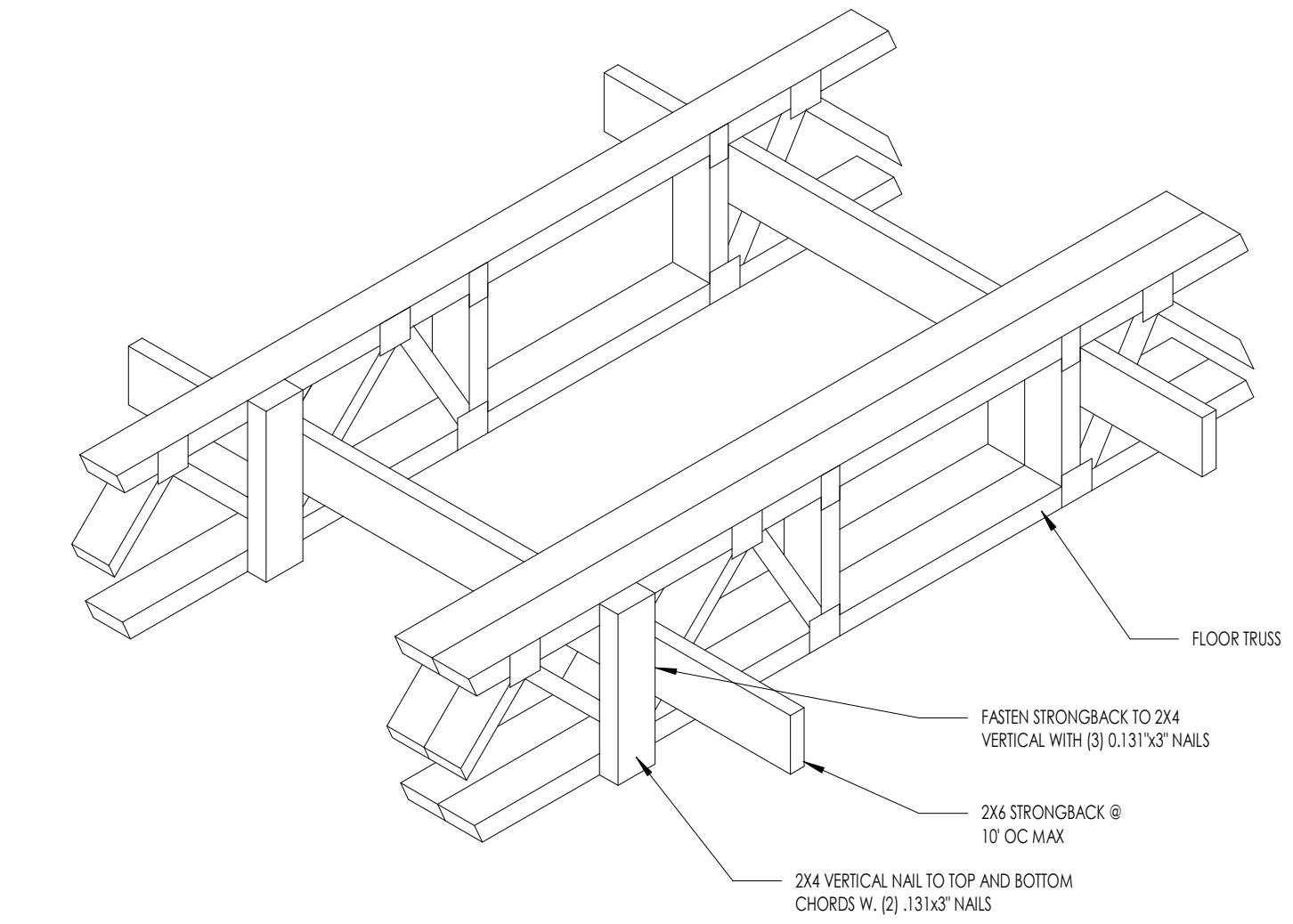
FLOOR-TO-FLOOR SCREW SCHEDULE

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

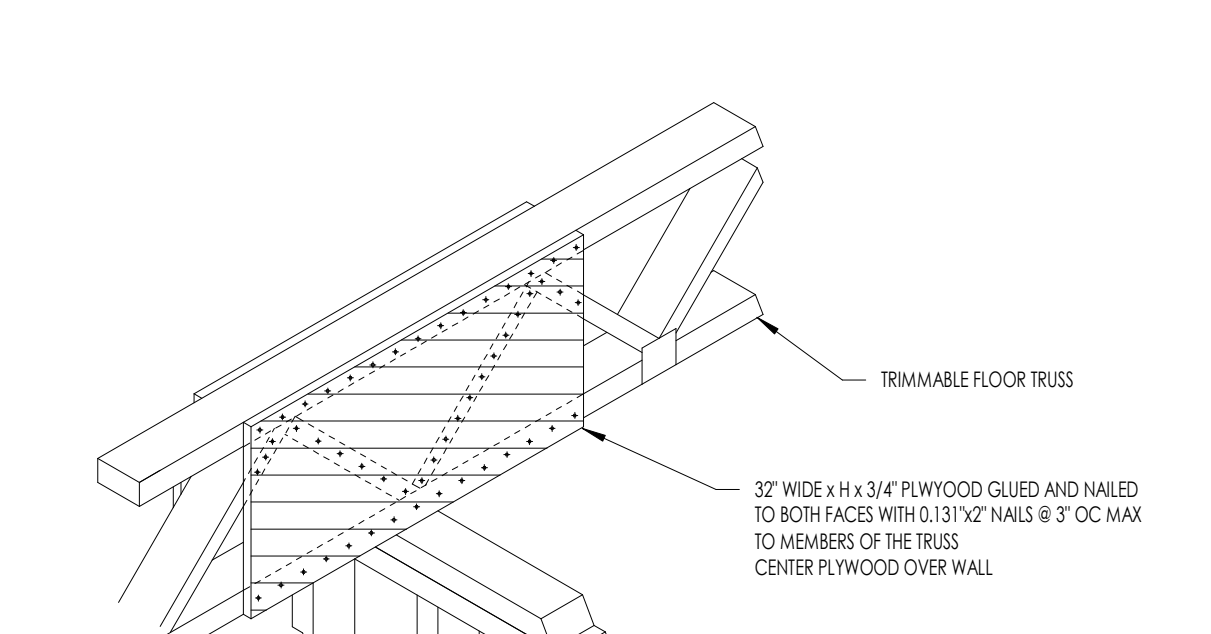
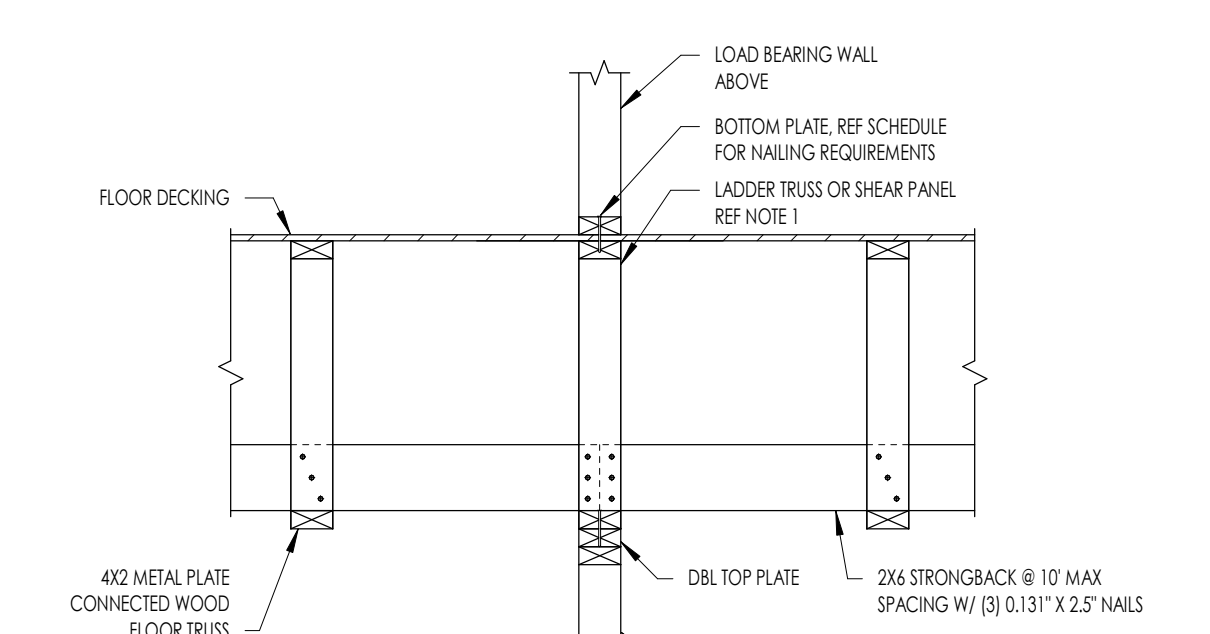
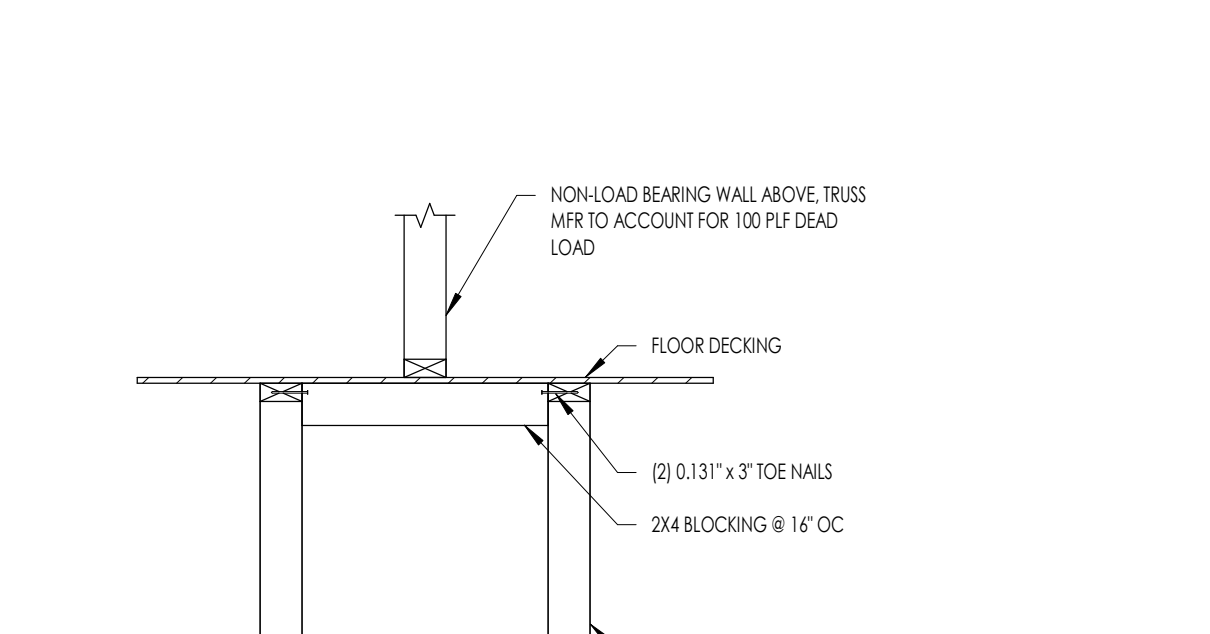
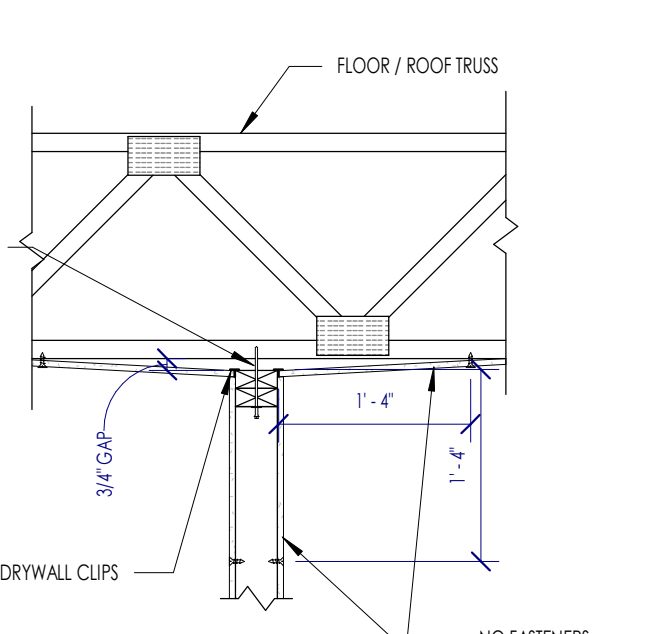
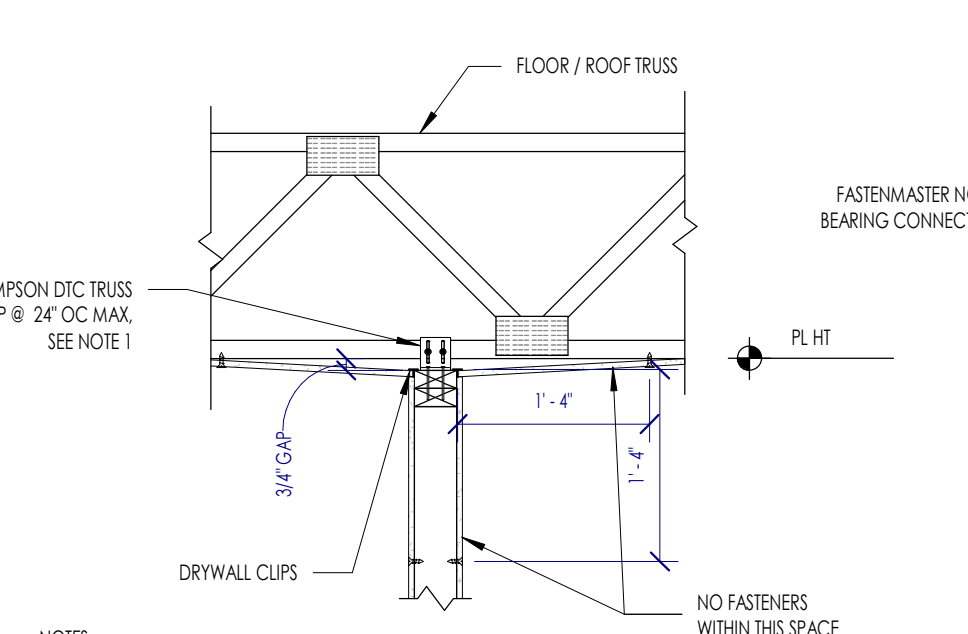


4D S2.2 TYPICAL BOTTOM CHORD BEARING ON EXTERIOR WALL - MULTI-STORY
3/4" = 1'-0"

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"

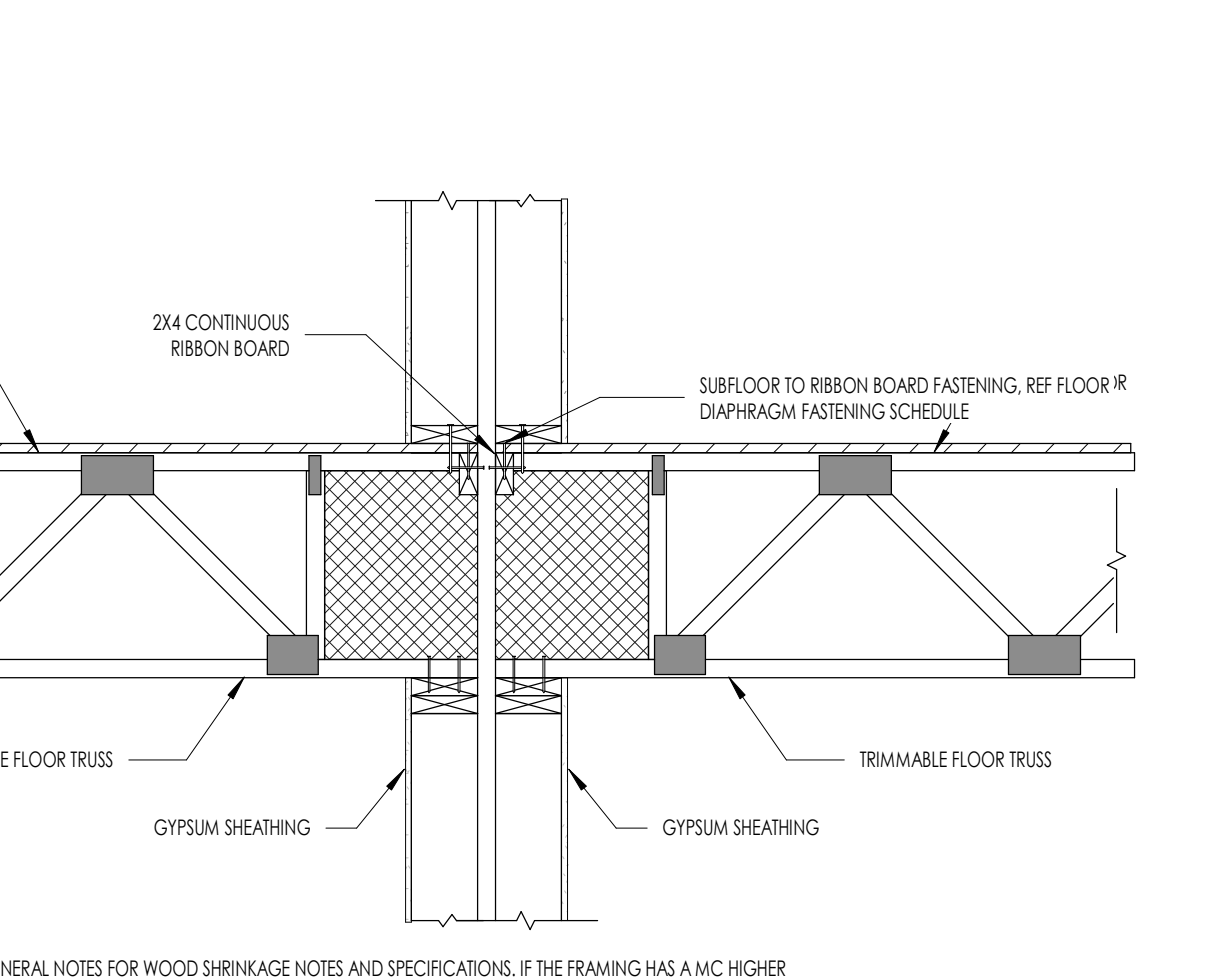
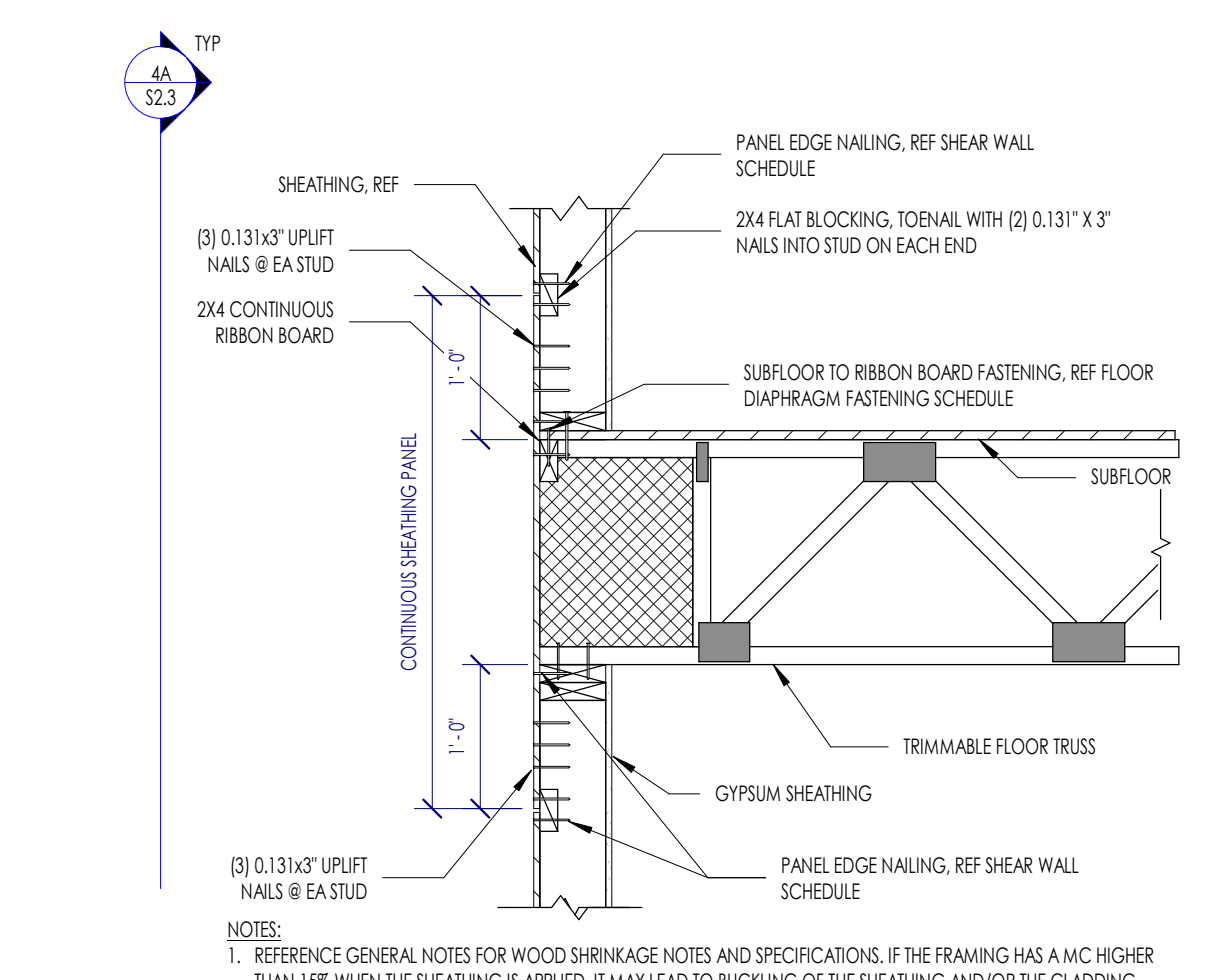
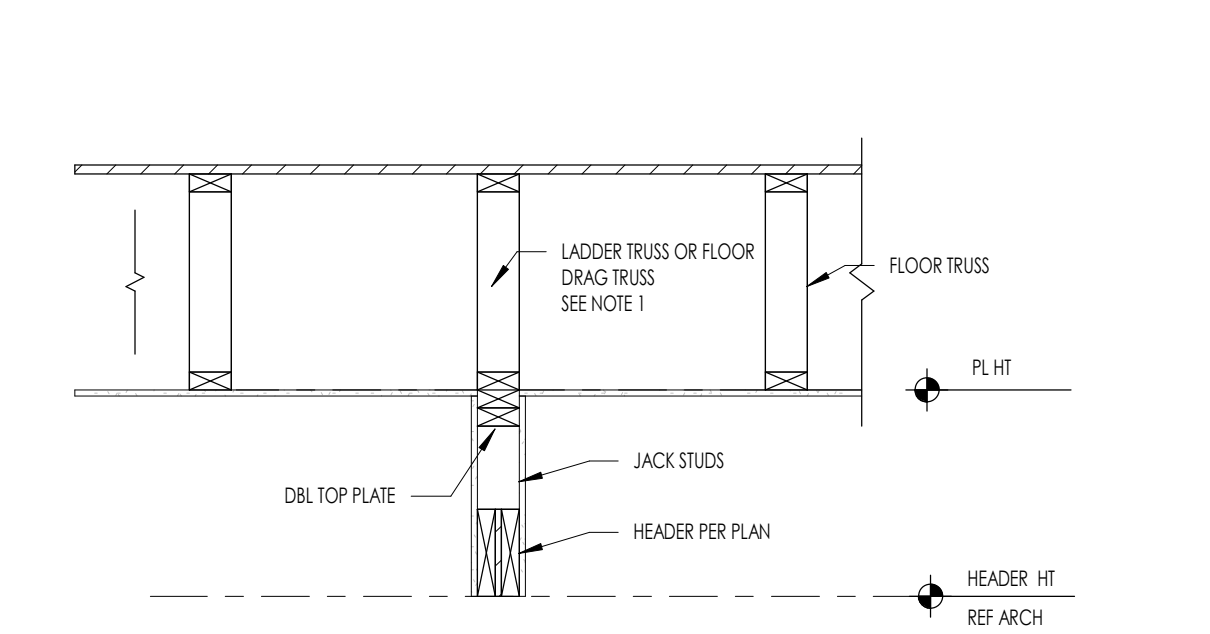
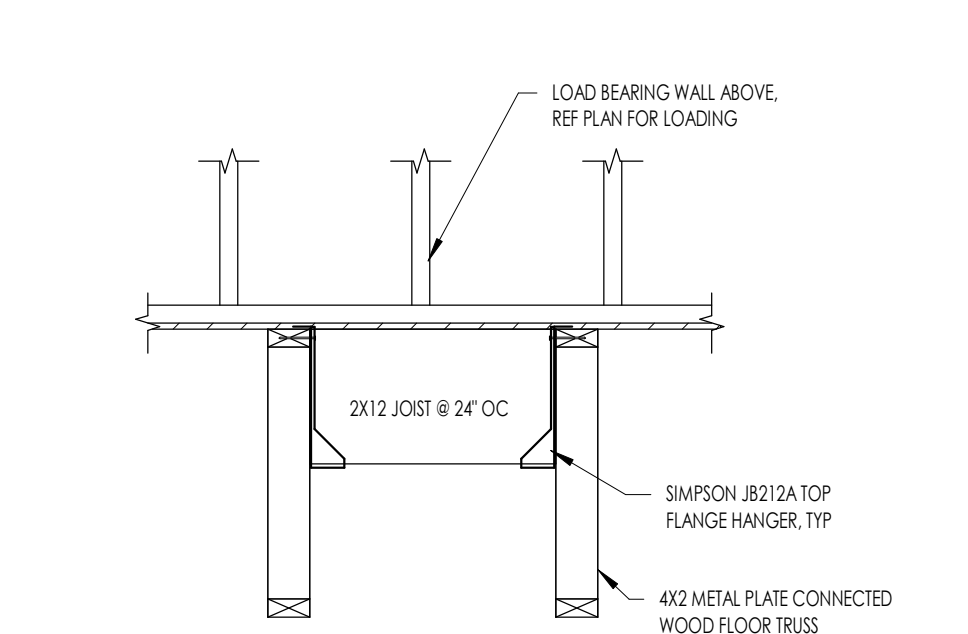


6C S2.2 TYPICAL NON-LOAD BEARING WALL ATTACHMENT TO PERPENDICULAR FLOOR TRUSS
3/4" = 1'-0"

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"

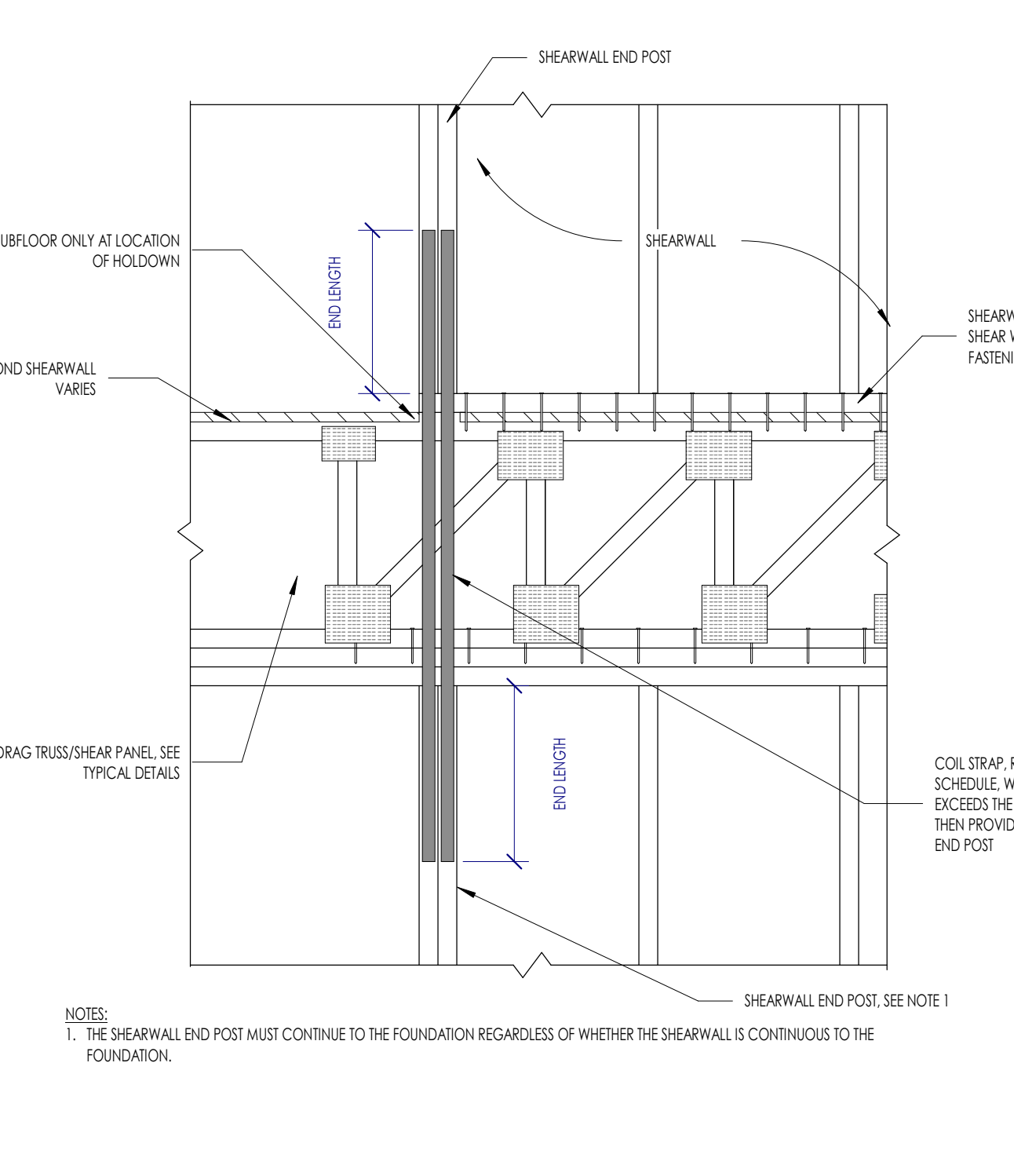
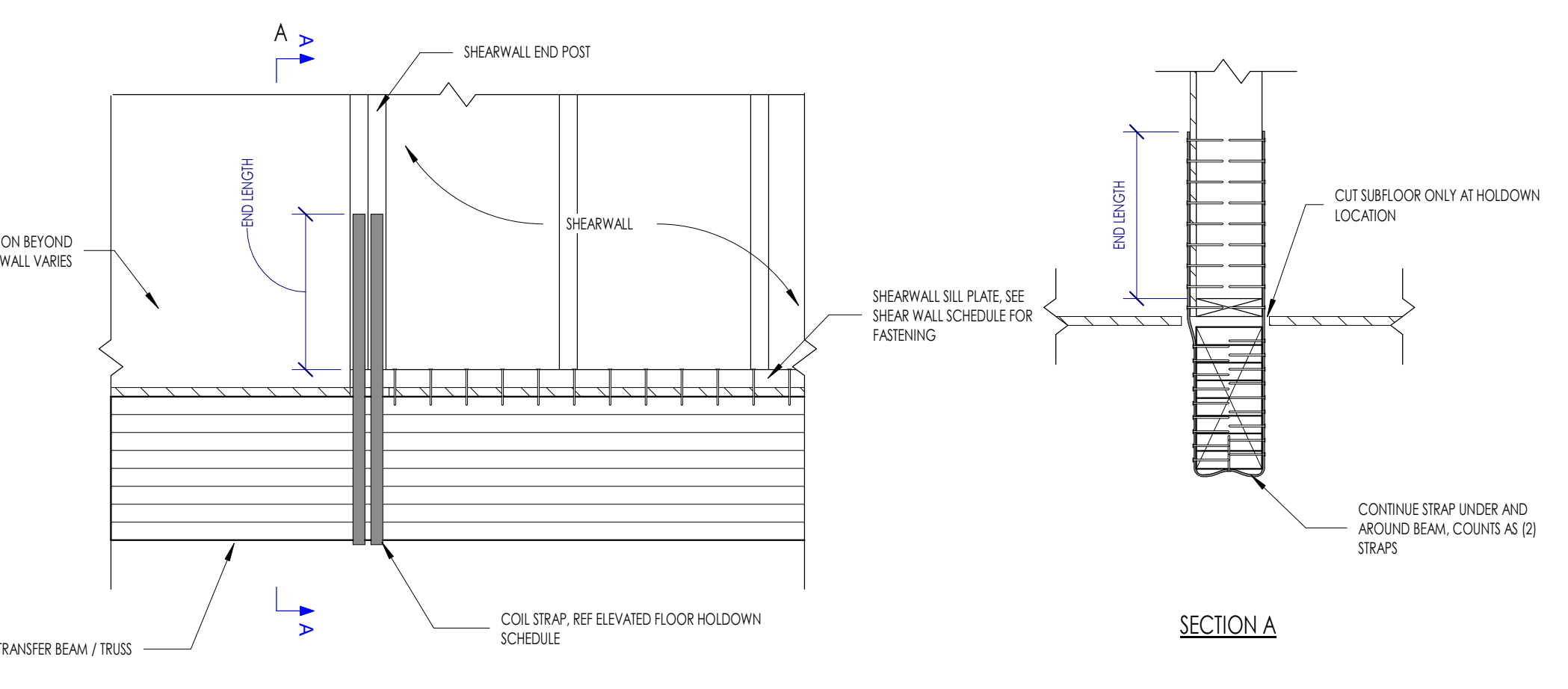
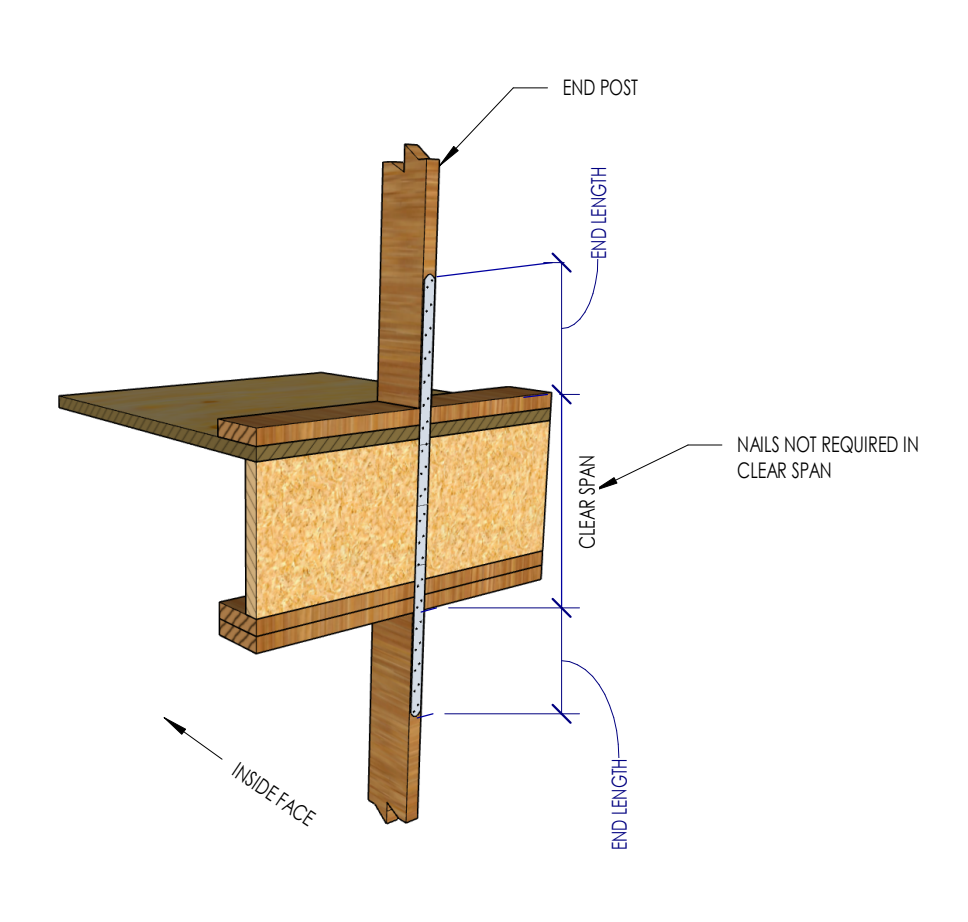


6B S2.2 TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS
3/4" = 1'-0"

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
1" = 1'-0"

3A S2.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL
1" = 1'-0"

2A S2.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL
1" = 1'-0"

openingdesign

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Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

Date	Description
04.16.2022	Progress Set

RENOVATION
Wranglers
ENGINEERS

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

LKB
ARCHITECTURE

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

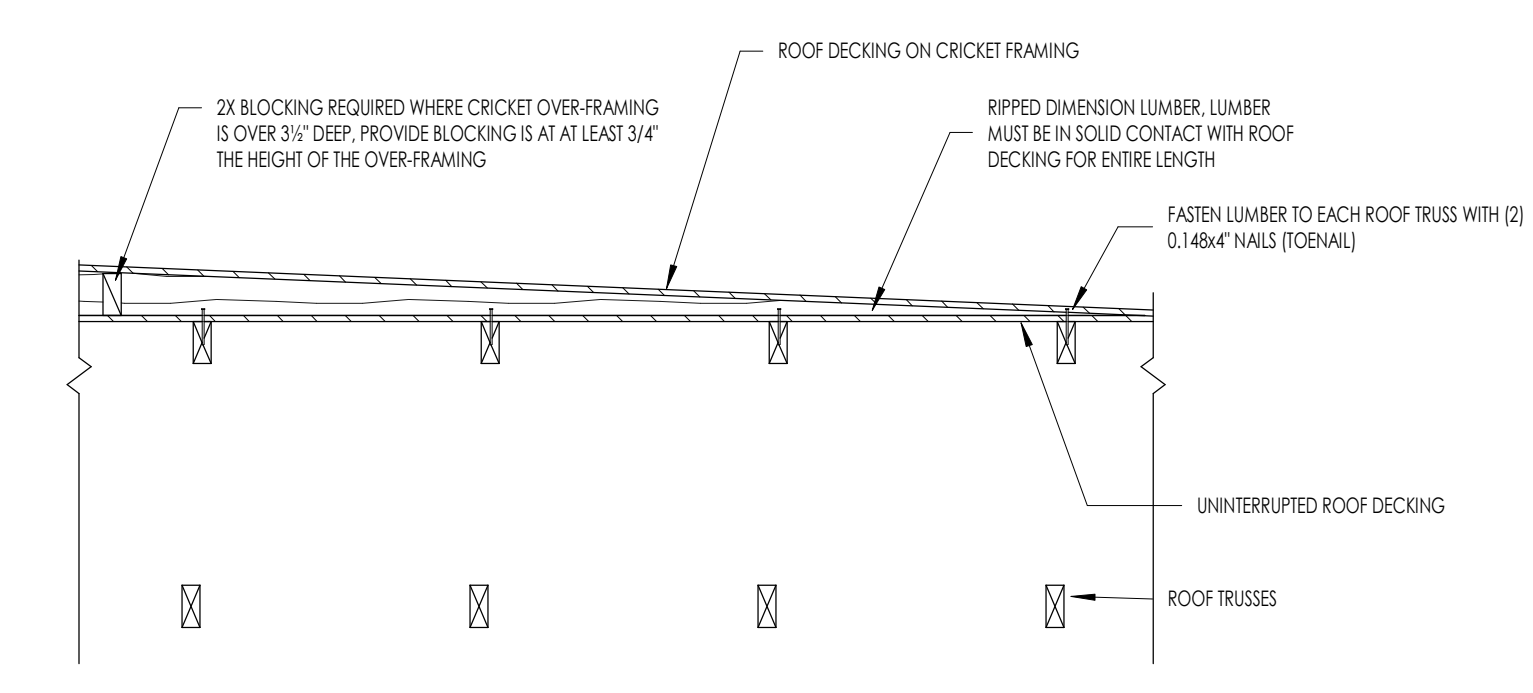
DUDLEY

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

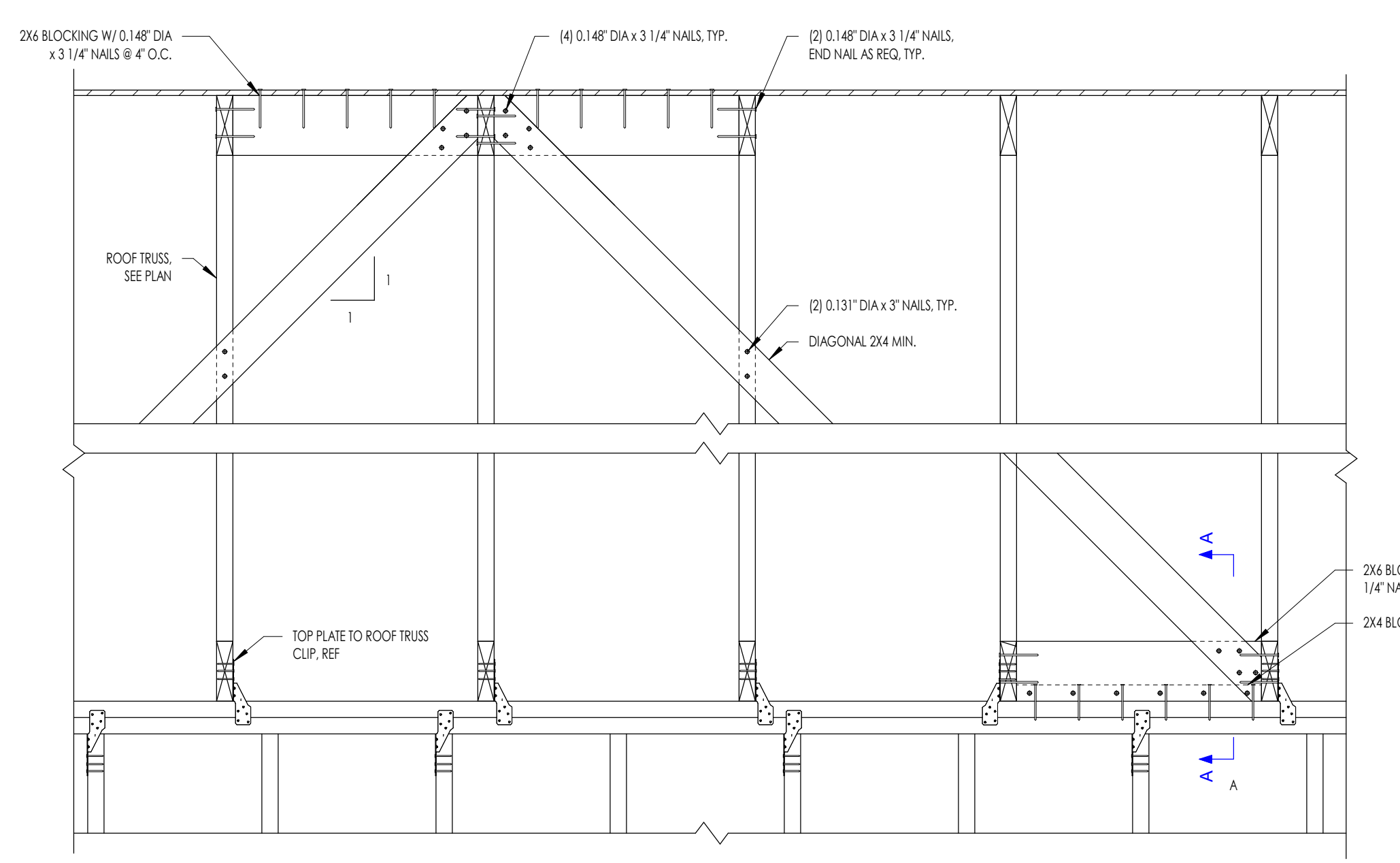
amc
ENGINEERS

MEP: AMC Engineers
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com

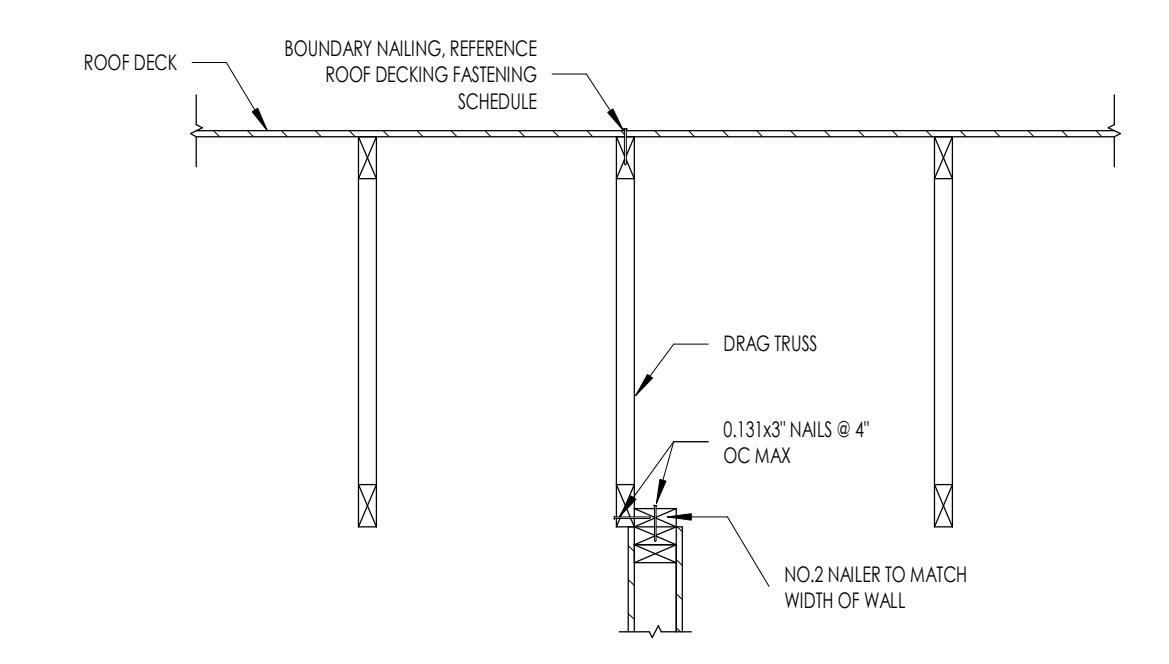
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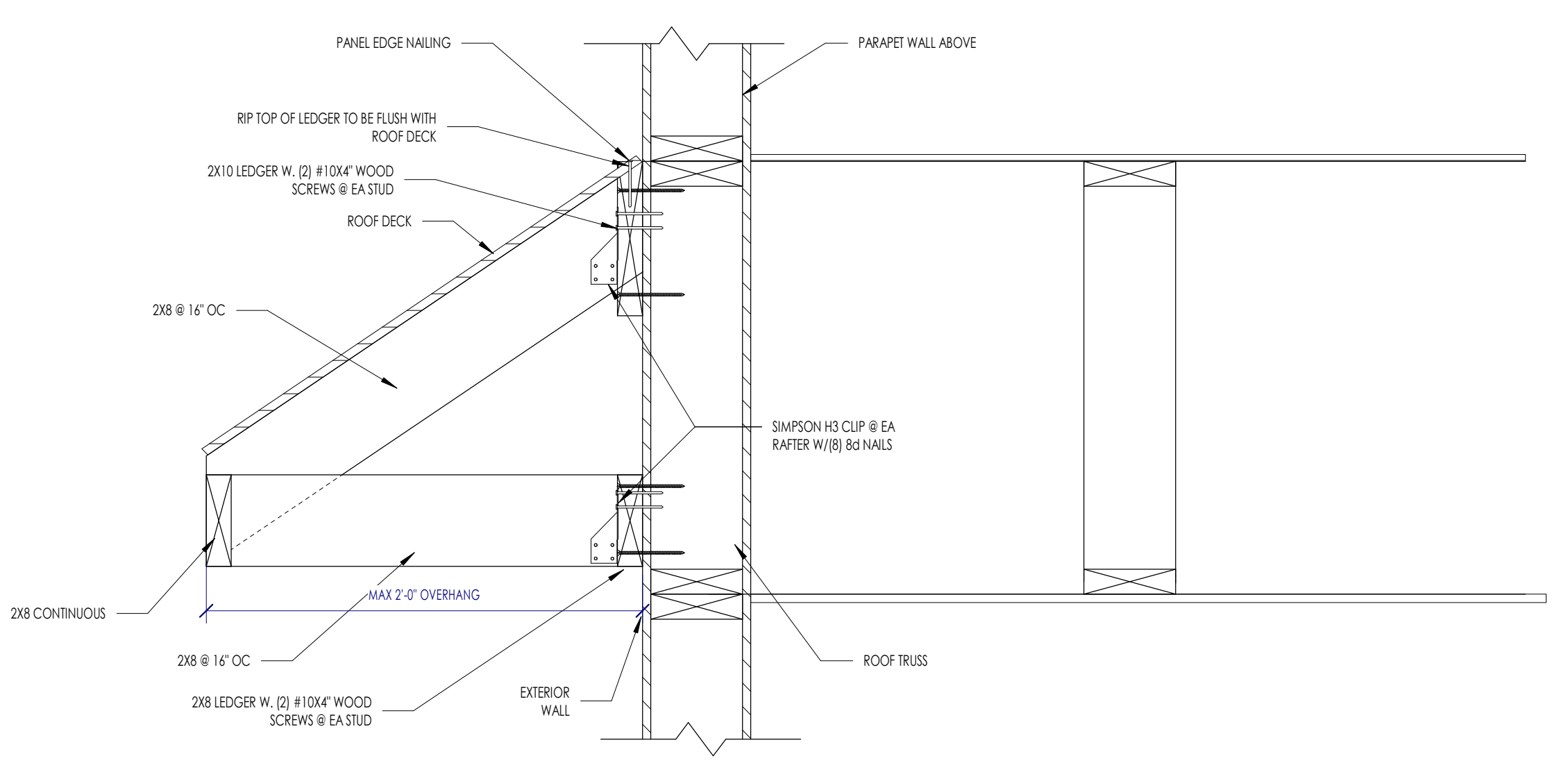
6E S2.4 TYPICAL CRICKET FRAMING AT ROOF
3/4" = 1'-0"



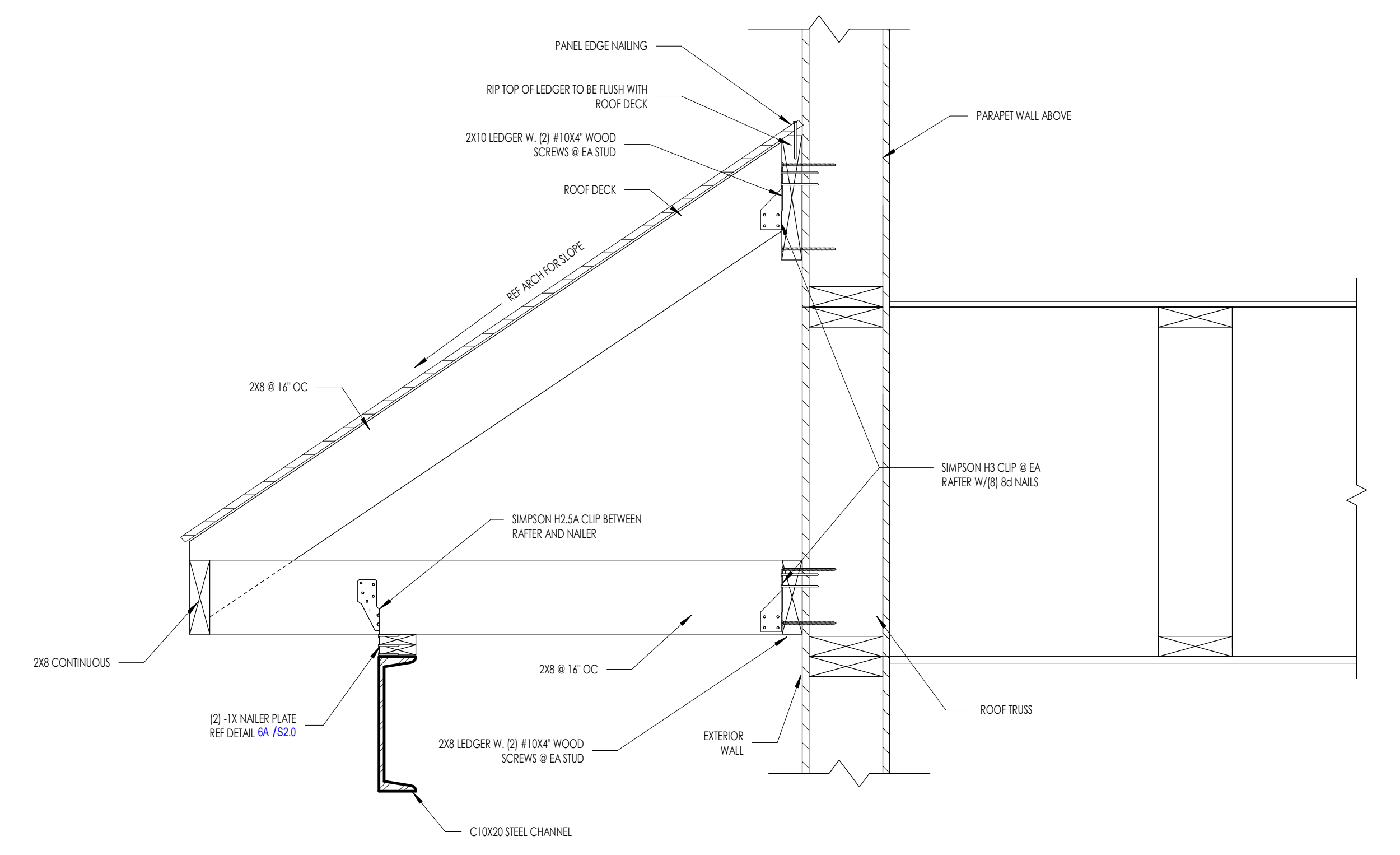
6C S2.4 061760 ROOF - BRACING AT INTERIOR SHEAR WALL
1" = 1'-0"



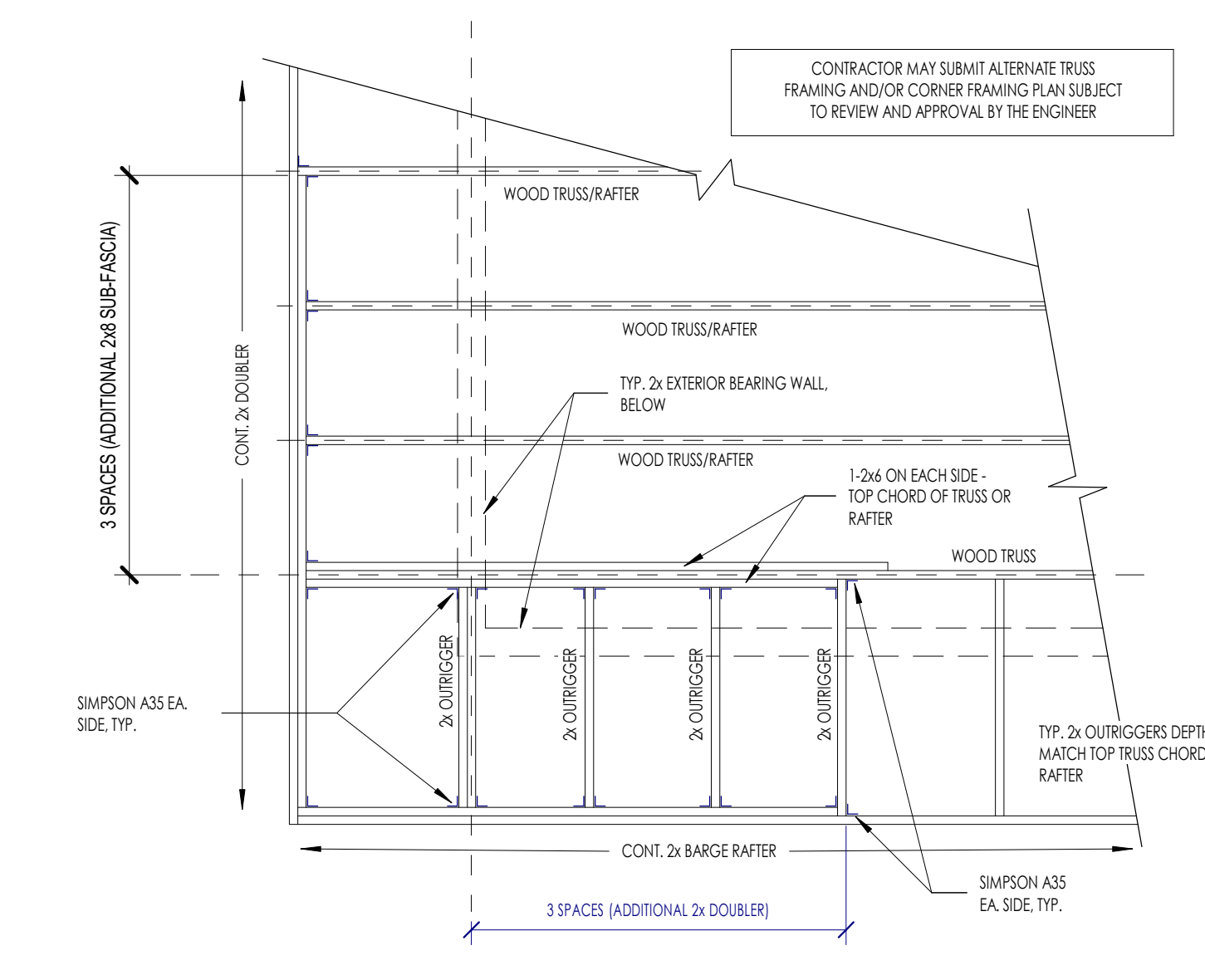
3C S2.4 TYPICAL DRAG TRUSS OVER INTERIOR SHEAR WALL
3/4" = 1'-0"



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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Date	Description
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