

ABBREVIATIONS		
1. A/R=	ANCHOR ROD	
2. A/C=	AMERICAN CONCRETE INSTITUTE	
3. AISC=	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	
4. A/I=	AMERICAN IRON AND STEEL INSTITUTE	
5. ARCH=	ARCHITECTURE/ARCHITECT	
6. A/S=	AMERICAN SOCIETY FOR TESTING AND MATERIALS	
7. A/W=	AFTER WELDING	
8. AWS=	AMERICAN WELDING SOCIETY	
9. B/T=	BOTTOM	
10. B.O.A=	BACK OF ANGLE	
11. B.O.F=	BOTTOM OF FOOTING	
12. B.O.S=	BOTTOM OF STEEL	
13. BRG=	BEARING	
14. C=	CANTILEVERED	
15. C.I.P.=	CAST-IN-PLACE	
16. C.J.P.=	COMPLETE JOINT PENETRATION WELD	
17. CL=	CENTERLINE	
18. CMU=	CONCRETE MASONRY UNIT	
19. C=	CONCRETE	
20. CONN=	CONNECTION	
21. C.O.A=	CORNER OF ANGLE	
22. D.B.A=	DECK BEARING	
23. D.F.A=	DEFORMED BAR ANCHOR	
24. D.E.=	DECK EDGE	
25. D.M.=	DIAMETER	
26. D.L.=	DEAD LOAD	
27. DTL=	DETAIL	
28. DWG=	DRAWING	
29. E=	EXISTING	
30. E.C.=	EACH	
31. E.F.=	EACH FACE	
32. E.P.S.=	EXPANDED POLYSTYRENE	
33. F=	FINISHED FLOOR	
34. F.F.=	FINISHED FLOOR	
35. F.W.=	FACE OF WALL	
36. F.O.W.=	FACE OF WALL	
37. F.O.W.=	FACE OF WALL	
38. F.O.W.=	FACE OF WALL	
39. E.W.=	EXTerior	
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127. EX=	EXTERIOR	

LOADING TABLE AND CODE INFORMATION	
1. DESIGN CODE	IBC 2018
2. RISK CATEGORY	
3. DEAD LOADS	
4. A. TYPICAL ROOF DEAD LOAD	15 PSF
5. B. TYPICAL FLOOR DEAD LOAD	22 PSF
6. COLLATERAL LOADS (NON-REDUCIBLE)	
7. A. ROOF COLLATERAL LOAD (INCLUDES 10 PSF SOLAR)	15 PSF
8. B. TYPICAL FLOOR DEAD LOAD	10 PSF
9. LIVE LOADS	
10. A. TYPICAL ROOF LIVE LOAD	20 PSF
11. B. TYPICAL FLOOR LIVE LOAD	40 PSF
12. C. STAIR AND LANDING LIVE LOAD	100 PSF
13. SNOW LOAD	
14. A. GROUND SNOW LOAD (Pg)	20 PSF
15. B. FLAT ROOF SNOW LOAD (Pi)	20 PSF
16. C. SNOW EXPOSURE FACTOR (Ce)	1.0
17. D. THERMAL PROTECTION (Ci)	1.0
18. E. SNOW LOAD IMPORTANCE FACTOR (Is)	1.0
19. F. SNOW DRIFT	PER CODE
20. WIND LOAD DESIGN CRITERIA	
21. A. ULTIMATE DESIGN WIND SPEED (Vult)	107 MPH
22. B. RISK CATEGORY	
23. C. WIND IMPORTANCE FACTOR	1
24. D. WIND EXPOSURE CATEGORY	C
25. E. INTERNAL PRESSURE COEFFICIENT (Gp)	+/-0.18
26. SEISMIC LOAD DESIGN CRITERIA	
27. A. SHORT PERIOD ACCELERATION (Ss)	0.19
28. B. LONG PERIOD ACCELERATION (S1)	0.11
29. C. SITE CLASS	C
30. D. SHORT PERIOD RESPONSE (SD1)	0.2
31. E. LONG PERIOD RESPONSE (SD2)	0.17
32. F. SEISMIC DESIGN CATEGORY	C
33. G. IMPORTANCE FACTOR (Ie)	1.0
34. H. RISK CATEGORY	II
35. I. ANALYSIS PROCEDURE	ELF
36. J. SEISMIC FORCE RESISTING SYSTEM	LSF5W
37. K. RESPONSE MODIFICATION FACTOR (R)	6.12
38. L. SYSTEM OVERSTRENGTH FACTOR (D)	1.0
39. M. DEFLECTION AMPLIFICATION FACTOR (Dg)	4

MEANS AND METHODS	
1. DESIGN LOADINGS AND STRUCTURAL ANALYSIS IS BASED ON CODE PRESCRIBED LOADS FOR THE COMPLETE STRUCTURE.	
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION.	
3. THIS STRUCTURE IS DESIGNED TO BE STABLE AS A COMPLETE WHOLE. ANY AND ALL TEMPORARY BRACING AND SHORING REQUIRED TO RESIST ALL LOADS DURING CONSTRUCTION SHALL BE DESIGNED AND SUPPLIED BY THE CONTRACTOR.	
4. HEAVY LOADS THAT EXCEED 75% OF ALLOWABLE LIVE LOADS SHOWN ON THE PLANS, FOR TEMPORARY EQUIPMENT, SHALL CONFORM TO ASTM C295.	
5. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
6. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
7. MAXIMUM WATER TO CEMENT RATIO: 0.45	
8. AIR-ENTRAINMENT: 6% ±1%	
9. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
10. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
11. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
12. MAXIMUM WATER TO CEMENT RATIO: 0.45	
13. AIR-ENTRAINMENT: 6% ±1%	
14. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
15. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
16. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
17. MAXIMUM WATER TO CEMENT RATIO: 0.45	
18. AIR-ENTRAINMENT: 6% ±1%	
19. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
20. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
21. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
22. MAXIMUM WATER TO CEMENT RATIO: 0.45	
23. AIR-ENTRAINMENT: 6% ±1%	
24. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	

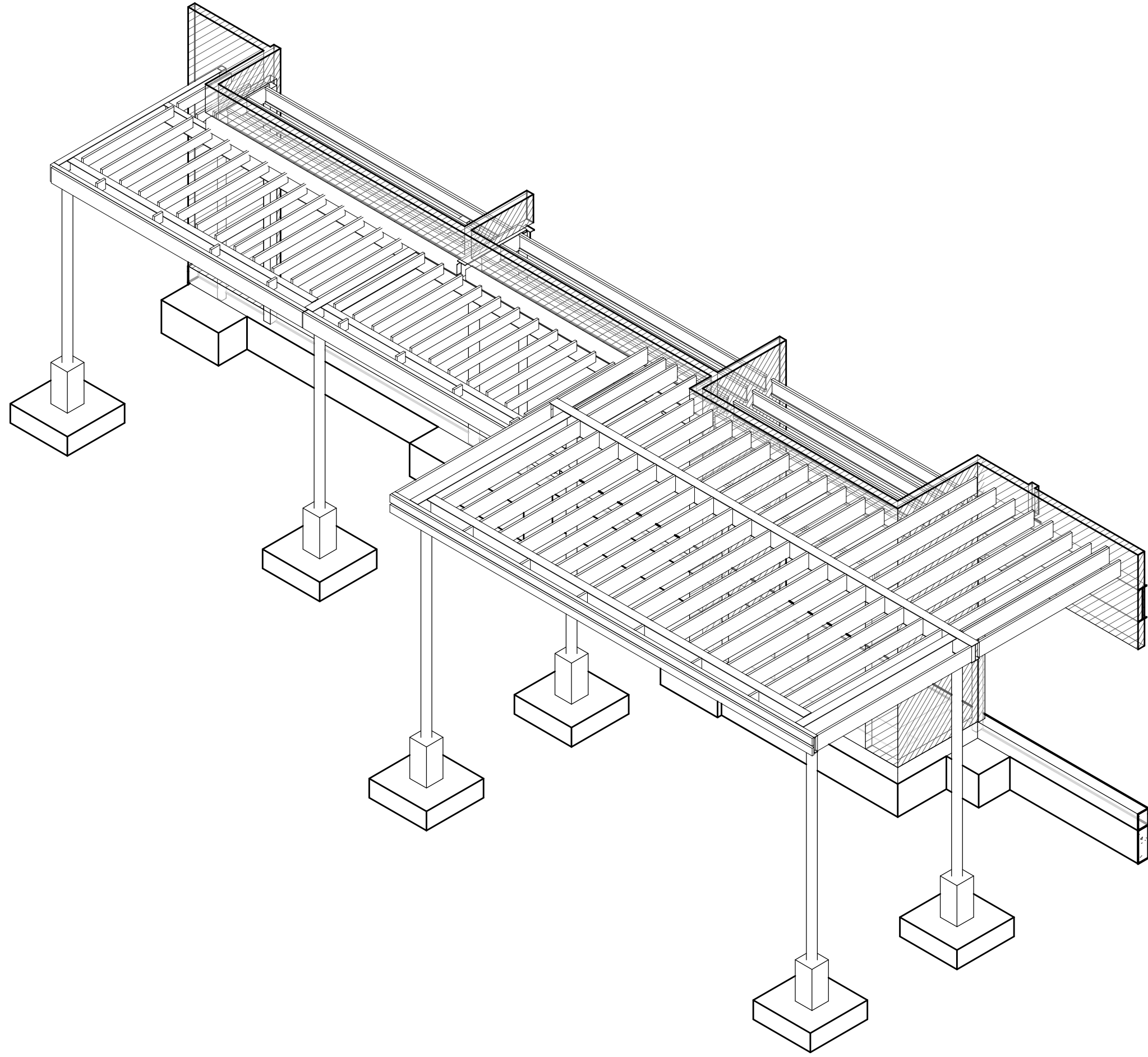
DEFERRED SUBMITTAL NOTES	
1. THE FOLLOWING SUBMITTALS SHALL BE SUBMITTED FOR REVIEW AT A LATER DATE:	
2. PRE-ENGINEERED WOOD JOISTS	
3. SUBMITTALS SHALL INCLUDE PLANS, DETAILS AND CALCULATIONS SEALED BY AN ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.	

CONCRETE NOTES	
1. CONCRETE FOR FOUNDATIONS, FOOTINGS AND INTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS:	
2. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
3. MAXIMUM WATER TO CEMENT RATIO: 0.45	
4. AIR-ENTRAINMENT: 6% ±1%	
5. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
6. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
7. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
8. MAXIMUM WATER TO CEMENT RATIO: 0.45	
9. AIR-ENTRAINMENT: 6% ±1%	
10. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
11. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
12. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
13. MAXIMUM WATER TO CEMENT RATIO: 0.45	
14. AIR-ENTRAINMENT: 6% ±1%	
15. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
16. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
17. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
18. MAXIMUM WATER TO CEMENT RATIO: 0.45	
19. AIR-ENTRAINMENT: 6% ±1%	
20. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	

GENERAL FOUNDATION & SLAB NOTES	
1. A SOIL INVESTIGATION HAS BEEN DONE FOR THIS SITE. THIS REPORT SHALL BE CONSIDERED A PART OF THESE FOUNDATION NOTES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY INFORMATION AND TO BE FAMILIAR WITH AND ADHERE TO THE RECOMMENDATIONS IN THE REPORT.	
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION.	
3. THIS STRUCTURE IS DESIGNED TO BE STABLE AS A COMPLETE WHOLE. ANY AND ALL TEMPORARY BRACING AND SHORING REQUIRED TO RESIST ALL LOADS DURING CONSTRUCTION SHALL BE DESIGNED AND SUPPLIED BY THE CONTRACTOR.	
4. HEAVY LOADS THAT EXCEED 75% OF ALLOWABLE LIVE LOADS SHOWN ON THE PLANS, FOR TEMPORARY EQUIPMENT, SHALL CONFORM TO ASTM C295.	
5. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
6. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
7. MAXIMUM WATER TO CEMENT RATIO: 0.45	
8. AIR-ENTRAINMENT: 6% ±1%	
9. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	
10. CONCRETE FOR STAIR LANDING SLABS ON TOP OF DECK SHALL BE AS FOLLOWS:	
11. 28-DAY COMPRESSIVE STRENGTH: 4000 PSI	
12. MAXIMUM WATER TO CEMENT RATIO: 0.45	
13. AIR-ENTRAINMENT: 6% ±1%	
14. TEMPORARY EQUIPMENT SHALL CONFORM TO ASTM C295.	

WOOD FRAMING NOTES	
1.	WOOD FRAMING INCLUDING MISCELLANEOUS BEAMS, LINTELS, HEADERS, ETC. SHALL BE #2 GRADE DOUGLAS FIR. ARCHES = 900 PSI.
2.	LIGHT FRAMING SUCH AS PLATES, SLITS, CRIPB BLOCKING AND ROOF FRAMING NOT OTHERWISE SPECIFIED SHALL BE #3 GRADE DOUGLAS FIR. (125 PSI) OR BETTER. SLITS AT FIRST AND SECOND FLOOR SHALL BE TIMBERSTRAND LVL. STUDS SHALL BE #1/2 GRADE SPRUCE-PINE-F. (875 PSI, Fc = 1150 PSI) OR BETTER.
3.	ALL WOOD FRAMING SHALL BE SELECTED SUCH THAT NO LUMBER SHALL BE KNOTS, WARP, SPLITS, OR DEFECTS IS USED.
4.	WHERE CALLED FOR ON PLANS TO USE FRAMING ANCHORS AND HARDWARE. USE Z-MAX GALV. STEEL FRAMING ANCHORS EXCEPT SIMPSON. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE "TREATED" AND SHALL COMPLY WITH THE FOLLOWING:

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3 ISOMETRIC VIEW - CANOPY

STATEMENT OF SPECIAL INSPECTIONS			
1. SPECIAL INSPECTIONS ARE REQUIRED FOR THIS STRUCTURE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE ITEMS NOTED IN THE TABLE ON THIS SHEET.			
2. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY RETAINED BY THE OWNER AND APPROVED BY THE ENGINEER.			
3. A LETTER OF SUBSTANTIAL COMPLETION SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT BY THE SPECIAL INSPECTION PROVIDER PRIOR TO THE FINAL INSPECTION.			

IBC TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	—	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	—	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	—	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	—
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	—	X

IBC TABLE 1705.8 REQUIRED VERIFICATION AND INSPECTION OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	—
2. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	X	—
3. FOR CONCRETE ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	—	—

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION			
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	IBC REFERENCE
1. HIGH LOAD DIAPHRAGMS			
A. INSPECT WOOD STRUCTURAL PANEL SHEATHING TO ASCERTAIN WHETHER IT IS OF THE GRADE AND THICKNESS SHOWN ON THE APPROVED BUILDING PLANS.	—	X	1705.5.1
B. VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES.	—	X	
C. VERIFY THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES, AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AT EDGE MARGINS AGREES WITH THE APPROVED BUILDING PLANS.	—	X	
2. METAL-PLATE-CONNECTED TRUSSES SPANNING 60 FEET OR GREATER			
A. VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.	—	X	1705.5.2

TMS 402 / 602 MASONRY SPECIAL INSPECTION - TABLE 4					
VERIFICATION AND INSPECTION		FREQUENCY		REFERENCE FOR CRITERIA	
		RISK CAT. II	RISK CAT. III & IV	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. PROPORTIONS OF SITE-PREPARED MORTAR.	PERIODIC	PERIODIC	—	ART. 2.1, 2.6 A, & 2.6 C	
B. GRADE, TYPE, AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND ANCHORAGES.	PERIODIC	PERIODIC	—	ART. 3.4 & 3.6 A	
A. SAMPLE PANEL CONSTRUCTION.	PERIODIC	CONTINUOUS	—	ART. 1.6 B	
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:					
A. GROUT SPACE.	PERIODIC	CONTINUOUS	—	ART. 3.2 D & 3.2 F	
B. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS.	PERIODIC	CONTINUOUS	SEC. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 3.2 E & 3.4	
C. PROPORTIONS OF SITE-PREPARED GROUT.	PERIODIC	PERIODIC	—	ART. 2.6 B & 2.4 G.1.D	
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:					
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	PERIODIC	PERIODIC	—	ART. 1.5	
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	PERIODIC	PERIODIC	—	ART. 3.3 B	
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS.	PERIODIC	PERIODIC	—	ART. 3.3 F	
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	PERIODIC	CONTINUOUS	SEC. 1.2.1(a), 6.2.1, & 6.3.1	—	
E. WELDING OF REINFORCEMENT.	CONTINUOUS	CONTINUOUS	SEC. 6.1.6.1.2	—	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMP. BELOW 40°F) OR HOT WEATHER (TEMP. ABOVE 90°F).	PERIODIC	PERIODIC	—	ART. 1.8 C & 1.8 D	
G. PLACEMENT OF GROUT IS IN COMPLIANCE.	CONTINUOUS	CONTINUOUS	—	ART. 3.5 & 3.6 C	
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.	PERIODIC	CONTINUOUS	—	ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4	

IBC TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	X	ACI 318 CH. 20, 25.2.25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING:				
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	—	X	AWS D1.4 ACI 318: 26.6.4	—
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16" AND	X	X		
C. INSPECT ALL OTHER WELDS	X	X		
3. INSPECT ANCHORS CAST IN CONCRETE.	—	X	ACI 318: 17.8.2	—
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	—	ACI 318: 17.8.2.4	—
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.	—	X	ACI 318: 17.8.2	—
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	X	ACI 218: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C 172, ASTM C 31 ACI 318: 26.5, 26.12	1908.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 26.5	1908.6, 1908.7, 1908.9
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3-26.5.5	1910.9
9. INSPECT PRESTRESSED CONCRETE FOR:				
A. APPLICATION OF PRESTRESSING FORCES; AND	X	—	ACI 318: 26.10	—
B. GROUTING OF BONDED PRESTRESSING TENDONS.	X	—		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: CH. 28.9	—
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 26.11.2	—
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 26.11.1.2(b)	—

AISC 360-10 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION			
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:			
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC 360, SECTION A3
B. MANUFACTURERS' CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	—
2. INSPECTION OF HIGH-STRENGTH BOLTING:			
A. BEARING-TYPE CONNECTIONS.	—	X	AISC 360, SECTION N5.5
B. SLIP-CRITICAL CONNECTIONS.	X	X	AISC 360, SECTION N5.6, TABLES N5.6-1, 2 & 3
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL:			
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	—	ASTM A 6 OR ASTM A 568
B. MANUFACTURERS' CERTIFIED MILL TEST REPORTS.	—	—	ASTM A 6 OR ASTM A 568
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	—	AISC 360, SECTION A3.5
B. MANUFACTURERS' CERTIFICATE OF COMPLIANCE REQUIRED.	—	—	—
5. INSPECTION OF WELDING:			
A. STRUCTURAL STEEL:			
a. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	—	AWS D1.1
b. MULTIPASS FILLET WELDS.	X	—	
c. SINGLE-PASS FILLET WELDS > 5/16	—	X	AWS D1.3
d. SINGLE-PASS FILLET WELDS ≤ 5/16	—	X	
e. FLOOR AND ROOF DECK WELDS.	—	X	AWS D1.4 OR ACI 318: 26.6.4
B. REINFORCING STEEL:			
a. VERIFICATION OF WELDABILITY OF REINF STEEL OTHER THAN ASTM A 706.	—	X	AWS D1.4 OR ACI 318: 26.6.4
b. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	X	—	
c. SHEAR REINFORCEMENT.	X	—	—
d. OTHER REINFORCING STEEL.	—	X	—
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:			
A. DETAILS SUCH AS BRACING AND STIFFENING.	—	X	AISC 360 SECTION A5.8
B. MEMBER LOCATIONS.	—	—	
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	—	—	

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STAYBRIDGE SUITES

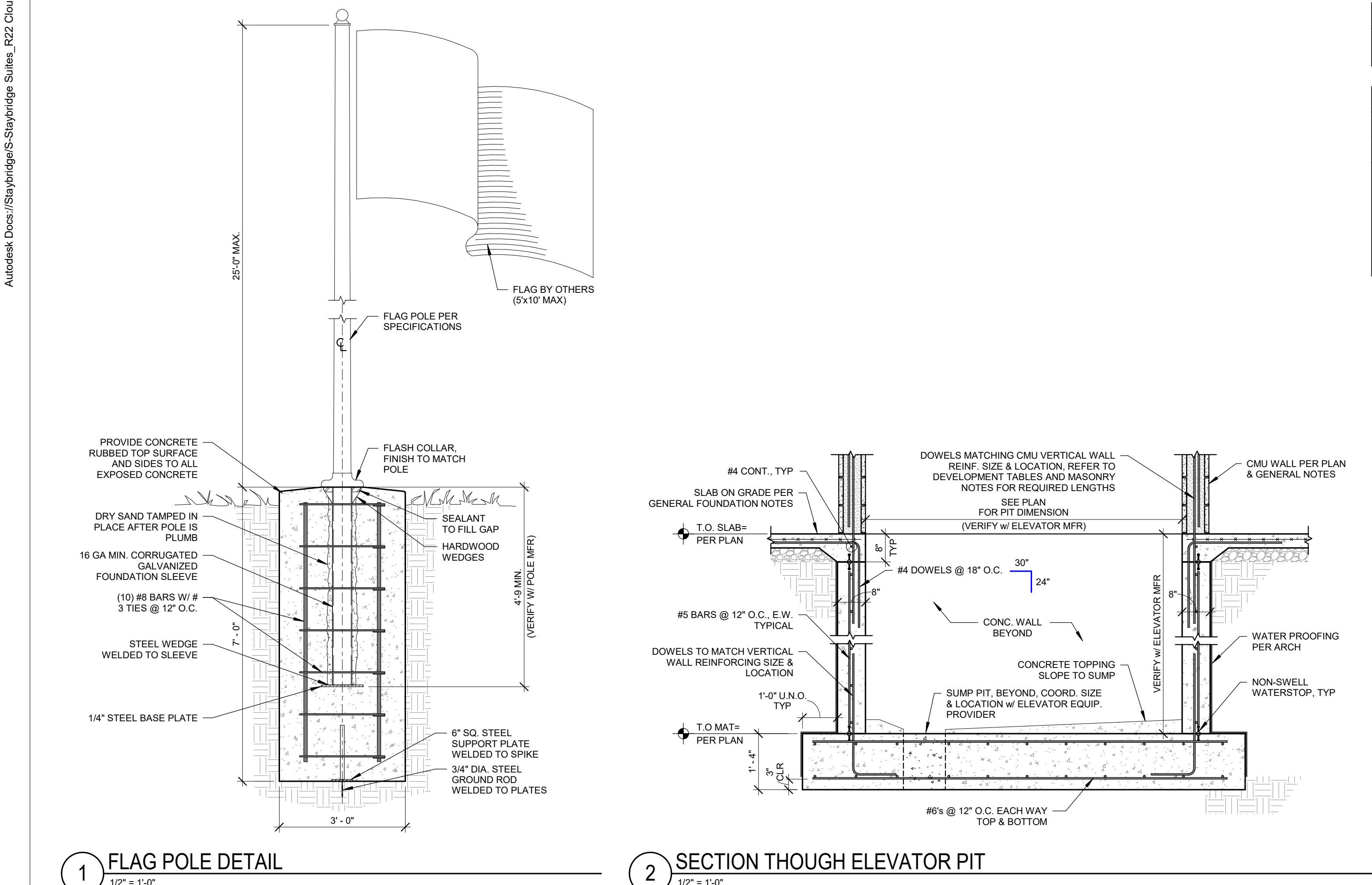
1301 EAST LARK ST
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Revisions

No.	Description	Date

S0.1
SPECIAL
INSPECTIONS & 3D
VIEWS

project #: 22-169
date: 5.22.2023



CONTINUOUS FOOTING SCHEDULE			
MARK	FOOTING SIZE	REINFORCING	NOTES
WF3	2'-6" W x 1'-8" T	PER DETAIL 15S2.1	
WF4	3'-0" W x 1'-8" T	PER DETAIL 15S2.1	

SHALLOW FOOTING SCHEDULE			
NOTE: FOOTINGS ARE CENTERED ON COLUMNS UNLESS NOTED OTHERWISE.			
AT PERIMETER F4 FOOTINGS WITH PEDESTALS: OFFSET FOOTING 6" INTO INTERIOR.			
MARK	FOOTING SIZE	REINFORCING	NOTES
F3	3'-0"x3'-0"x1'-2"	(4) #4s E.W. BOTTOM	
F4	4'-0"x4'-0"x1'-2"	(6) #5s E.W. BOTTOM	
F4x	4'-0"x4'-0"x2'-0"	(5) #5s E.W. BOTTOM	
F4y	4'-0"x4'-0"x2'-0"	(5) #5s E.W. T&B	
F5	5'-0"x5'-0"x1'-8"	(6) #5s E.W. BOTTOM	
F5x	5'-0"x5'-0"x2'-0"	(6) #5s E.W. BOTTOM	
F6	6'-0"x6'-0"x1'-8"	(7) #6s E.W. BOTTOM	
F7	7'-0"x7'-0"x1'-8"	(8) #6s E.W. BOTTOM	

PEDESTAL SCHEDULE		
MARK	PEDESTAL SIZE	NOTES
P1	24 x 24	
P2	14 x 14	

COLUMN SCHEDULE			
MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE
S1	HSS4X4X3/16	SEE S0.0	SEE S0.0
S2	HSS6X6X1/8	SEE S0.0	SEE S0.0
S3	HSS6X6X1/2	SEE S0.0	SEE S0.0
S4	HSS6X6X1/2	SEE S0.0	SEE S0.0
S5	HSS6X6X1/2	SEE S0.0	SEE S0.0
S6	HSS6X6X1/4	SEE S0.0	SEE S0.0
S7	HSS6X6X1/8	SEE S0.0	SEE S0.0
W1	6x6 Pressure Treated Wood	SIMPSON ABU66	S&P TITEN HD

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
03.101	LINE INDICATES SLAB CONTROL JOINTS. REFER TO CONCRETE SLAB JOINTS DETAIL FOR REQUIREMENTS. SHOWN IN ONE BAY ONLY FOR CLARITY.
03.102	2'-0" MIN DIAMOND OR ROUND BLOCKOUT AT EACH COLUMN. SIZE TO ALLOW FOR PROPER EJECTION OF COLUMN. REFER TO ISOLATION JOINT DETAIL.
03.103	WRAP COLUMN BASE W/ EXPANSION JOINT MATERIAL. SEPARATE COLUMN FOOTING & BOTTOM OF WASHER PAD W/ INSULATION OR EXPANSION JOINT MATERIAL.
03.105	PROVIDE #4 BAR x 4'-0" LONG CENTERED IN SLAB AT RE-ENTRANT CORNERS.
03.106	PROVIDE (3) #4 x 4'-0" DOWELS FROM THICKENED SLAB TO GRADE BEAM/STEM WALL.
03.107	PROVIDE (3) #5 x 4'-0" DOWELS FROM THICKENED SLAB TO GRADE BEAM/STEM WALL. HOOK BARS INTO STEM WALL.
03.201	FOOTING STEP AT OR NEAR THIS LOCATION. REFER TO TYPICAL STEP FOOTING DETAIL. COORDINATE LOCATION WITH FINISH GRADE.
03.202	GRADE BEAM STEP AT OR NEAR THIS LOCATION. REFER TO TYPICAL GRADE BEAM STEP DETAIL. COORDINATE LOCATION WITH ARCHITECTURAL REQUIREMENTS.
03.301	12" THICK MAT W/ #6s @ 12" O.C. EA. WAY. TOP OF MAT EL. = -1'-0". PROVIDE (3) 4" DIA. HOLES IN BASE OF MAT. FILL HOLES WITH GRAVEL.
03.401	CONDUIT AND PIPING AT OR NEAR THIS LOCATION. COORDINATE SIZE AND LOCATION WITH ARCH-MEP. REFER TO PIPE FOOTING DETAIL FOR REQUIREMENTS.
22.100	SUMP PUMP. REFER TO PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION. SLOPE MAT TO DRAIN AS REQUIRED.

PLAN NOTES - FOUNDATION	
1.	COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL PRIOR TO CONSTRUCTION.
2.	NOT ALL PENETRATIONS ARE SHOWN ON STRUCTURAL DRAWINGS. COORDINATE ALL SLAB AND FOUNDATION PENETRATIONS WITH OTHER DISCIPLINES AND NOTIFY ENGINEER IF ANY CONFLICTS ARE NOTED.
3.	UTILITIES SHALL PASS ABOVE OR BELOW PERIMETER FOOTINGS PER PIPE PENETRATION DETAIL.
4.	SEE ARCHITECTURAL DRAWINGS FOR SLAB FINISH REQUIREMENTS.
5.	SLOPE FLOORS TO FLOOR DRAINS. COORDINATE SLOPE EXTENTS WITH ARCH AN MEP.
6.	DOWEL ALL SIDEWALKS AT DOORS TO BUILDING SLABS W/ #4 x 24" LONG DOWEL @ 12" O.C. MAX.
7.	PROVIDE SLAB JOINTS PER CONCRETE SLAB JOINTS DETAIL AND GENERAL FOUNDATION NOTES.
8.	PROVIDE ADDITIONAL REINFORCING PER TYPICAL SLAB ON GRADE REINFORCING DETAILS.
9.	SEE SHEET S7.7 FOR BASE PLATE AND ANCHOR ROD INFORMATION.
10.	PROVIDE SLAB BLOCKOUTS PER ISOLATION JOINT DETAILS AT RECESSED COLUMN LOCATIONS.
11.	WHERE ONLY ONE CURTAIN OF REINFORCING IS REQUIRED, BARS SHALL BE CENTERED IN WALL.
12.	PROVIDE CONTINUOUS REINFORCING IN ALL CONCRETE CONSTRUCTION. SEE TYPICAL CORNER BAR REINFORCING DETAIL.
13.	PERIMETER INSULATION SHALL BE AS REQUIRED BY ARCHITECTURAL DRAWINGS.
14.	SEE THE GEOTECHNICAL INVESTIGATION REPORT FOR SITE PREPARATION REQUIREMENTS.

WALL LEGEND	
	- HATCH INDICATES 8" CMU WALL. SEE SHEET S5.1 FOR CMU REINFORCING
	- HATCH INDICATES 12" CMU WALL. SEE SHEET S5.1 FOR CMU REINFORCING
	- HATCH INDICATES CONCRETE WALL. SEE PLAN FOR THICKNESS AND REINFORCING
	- HATCH INDICATES 2x6 BEARING WALL. SEE WALL PLAN FOR SCHEDULE



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STAYBRIDGE SUITES

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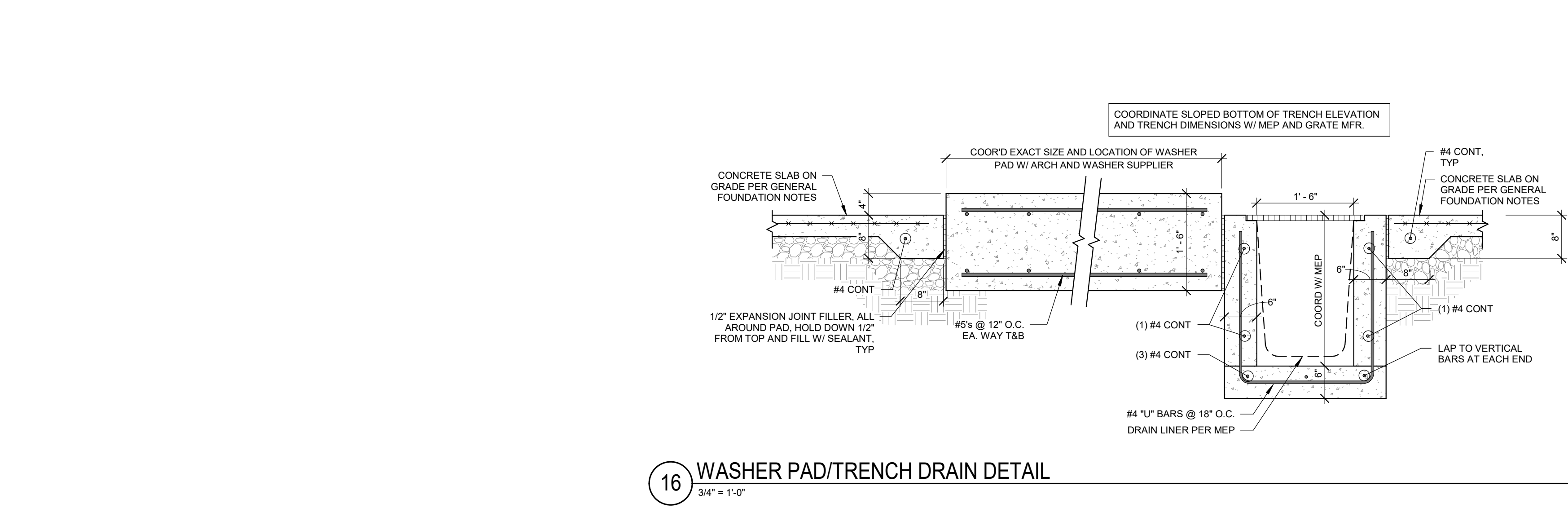
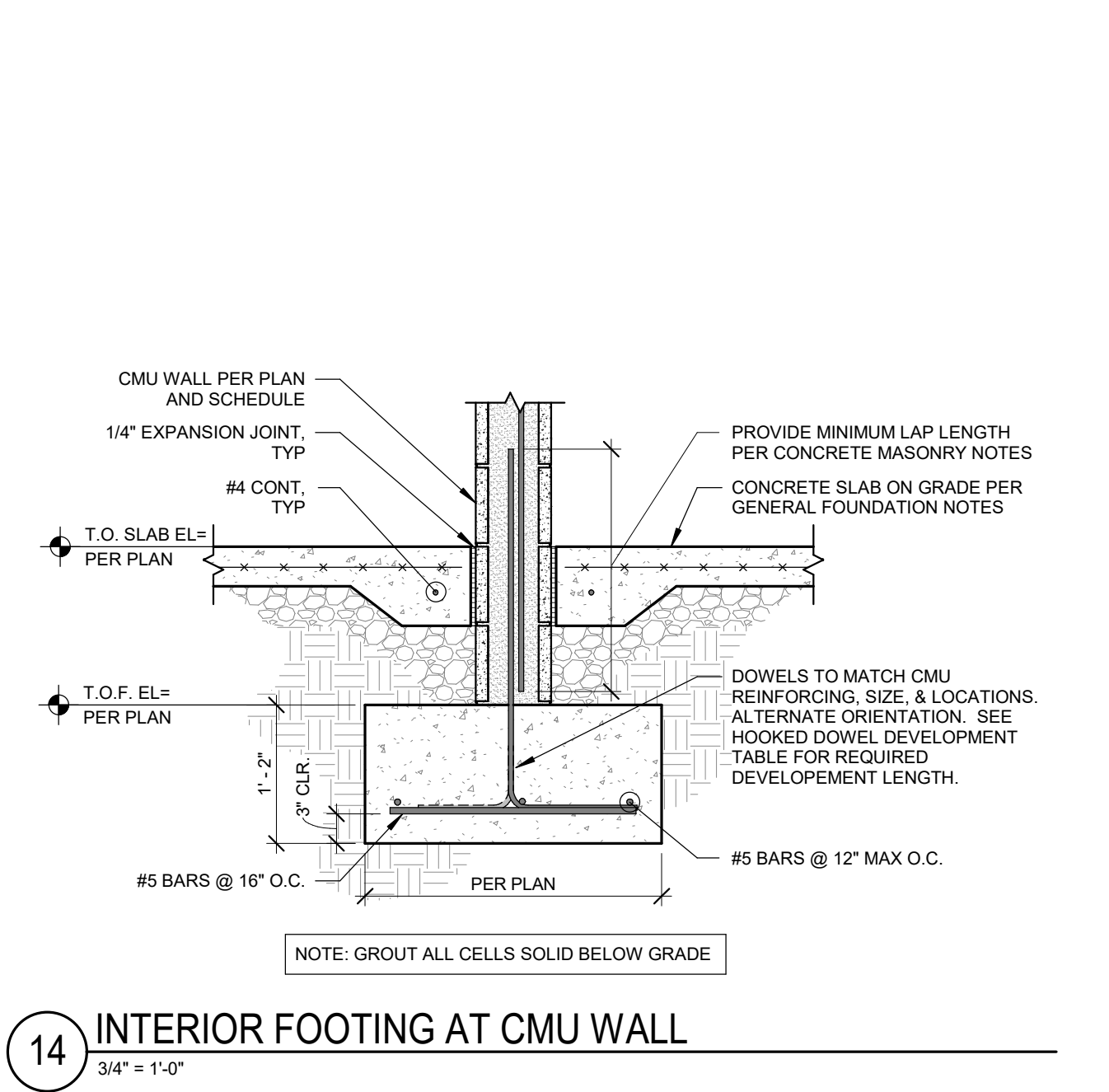
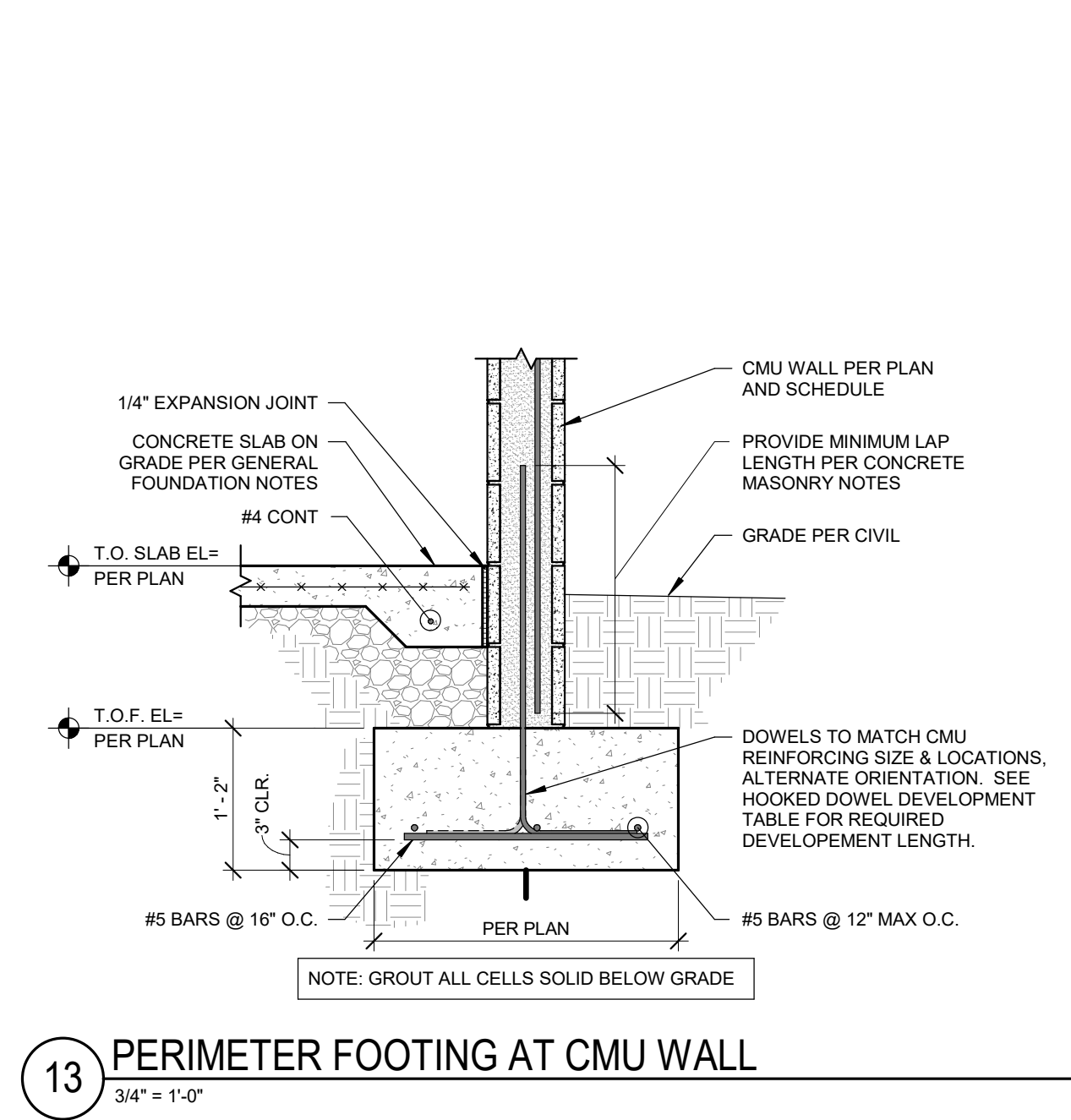
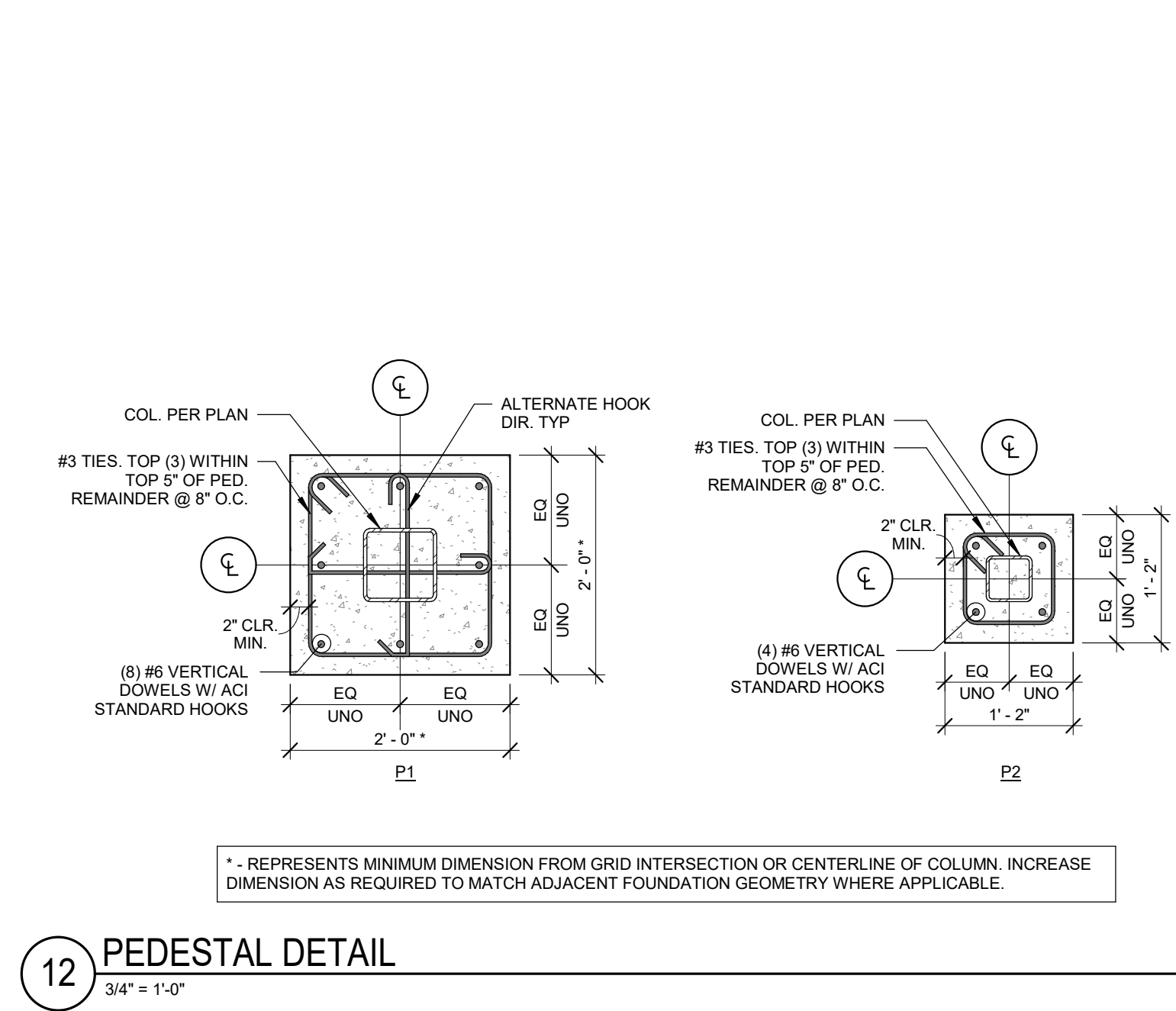
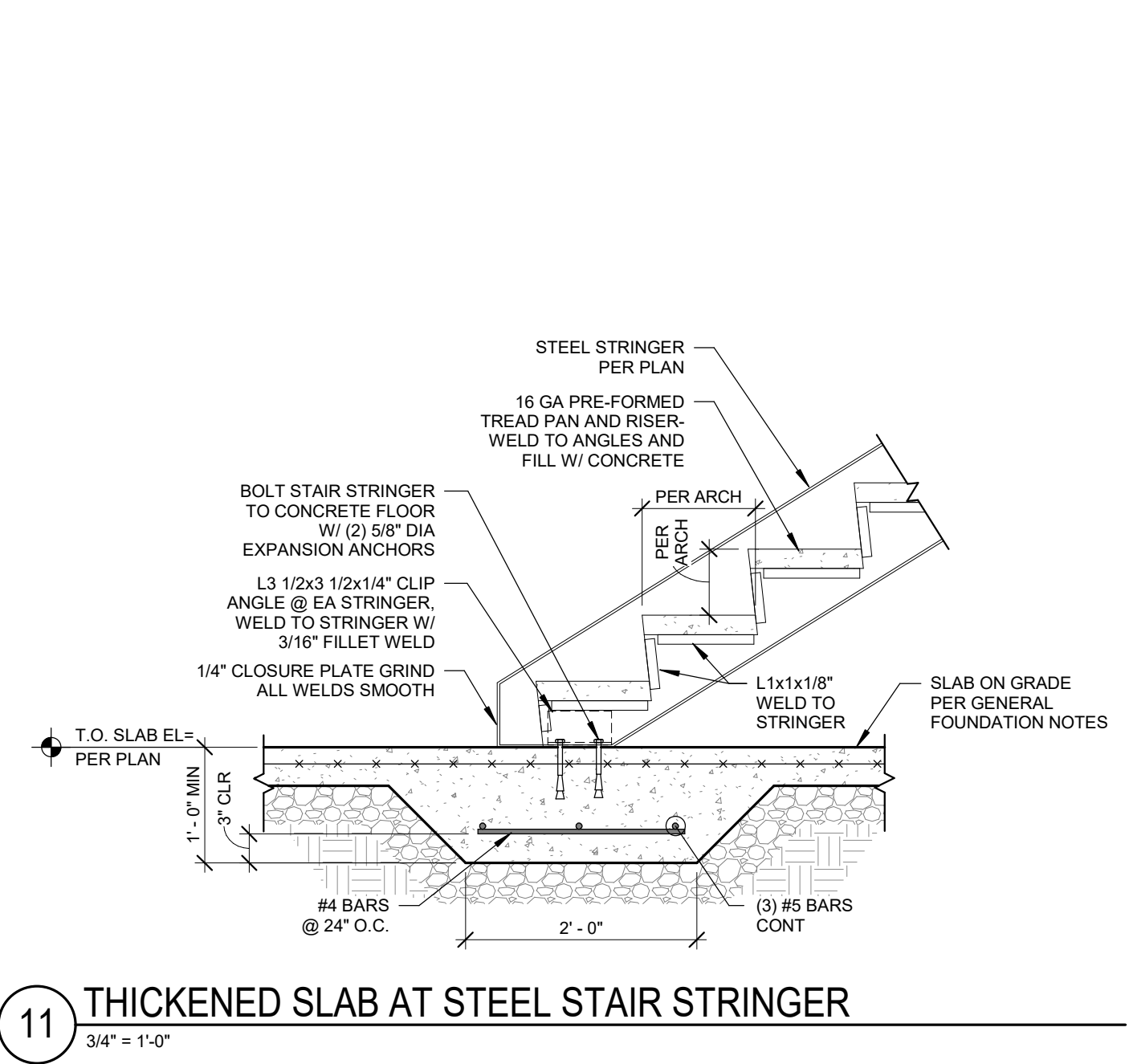
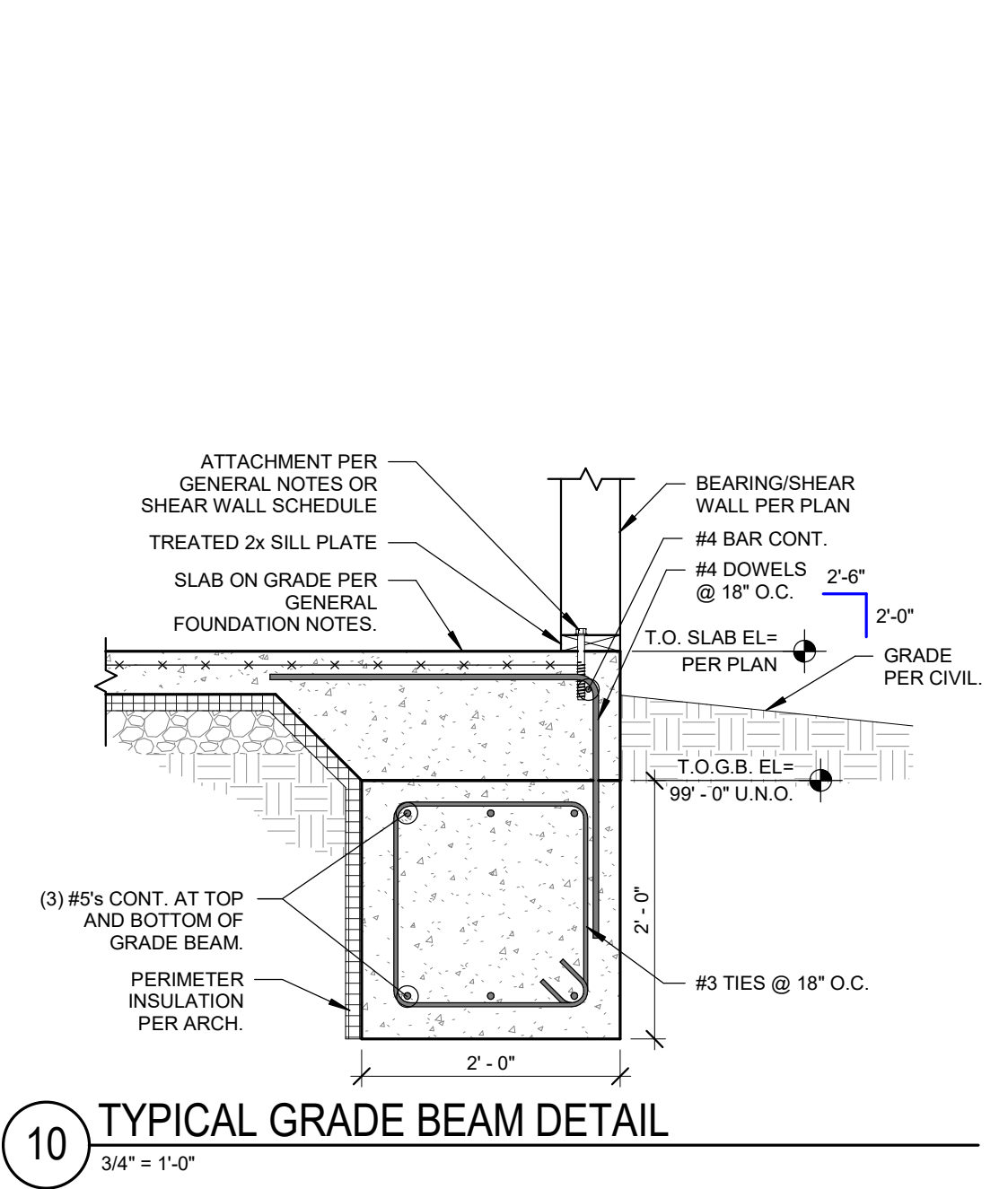
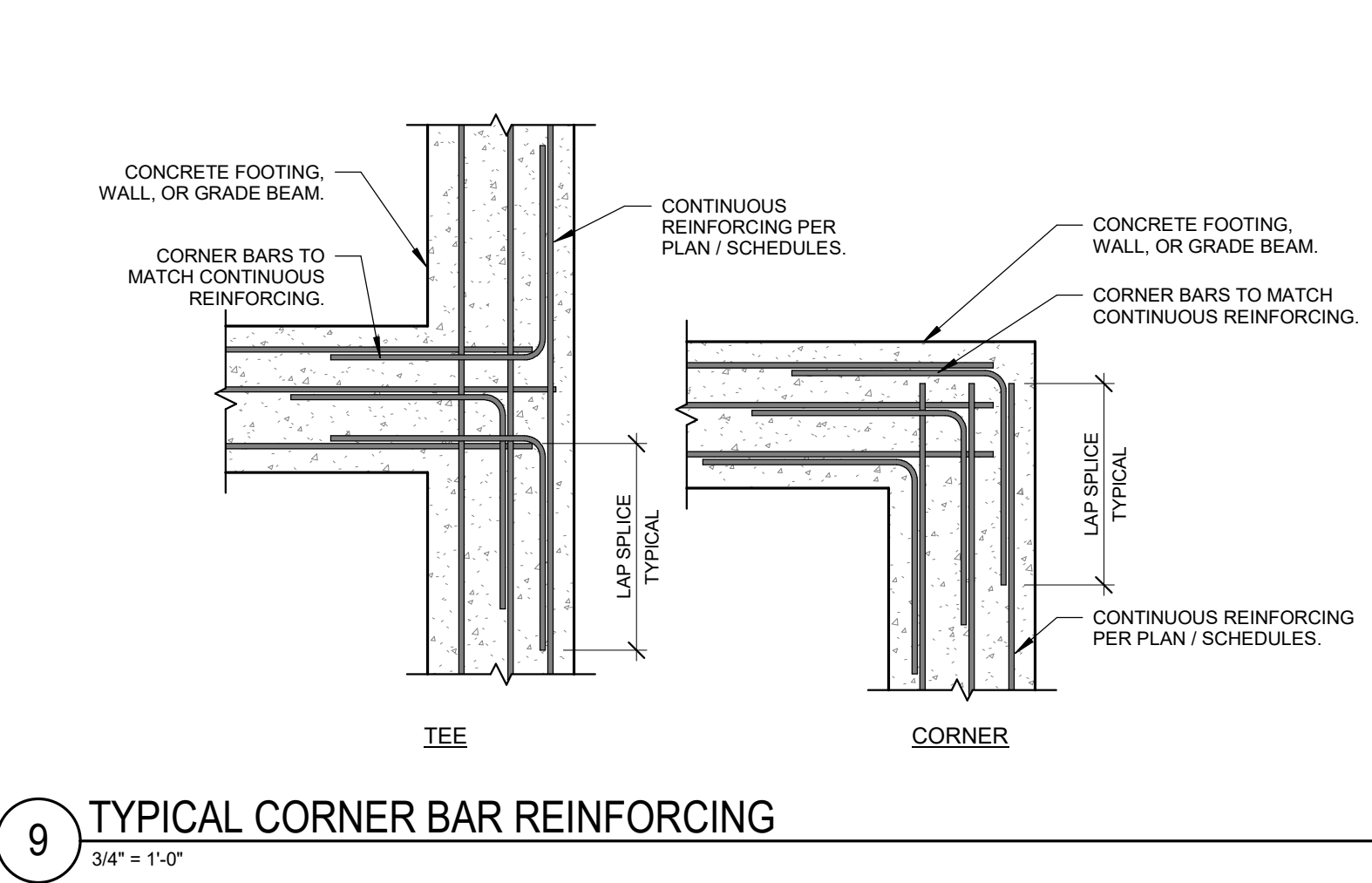
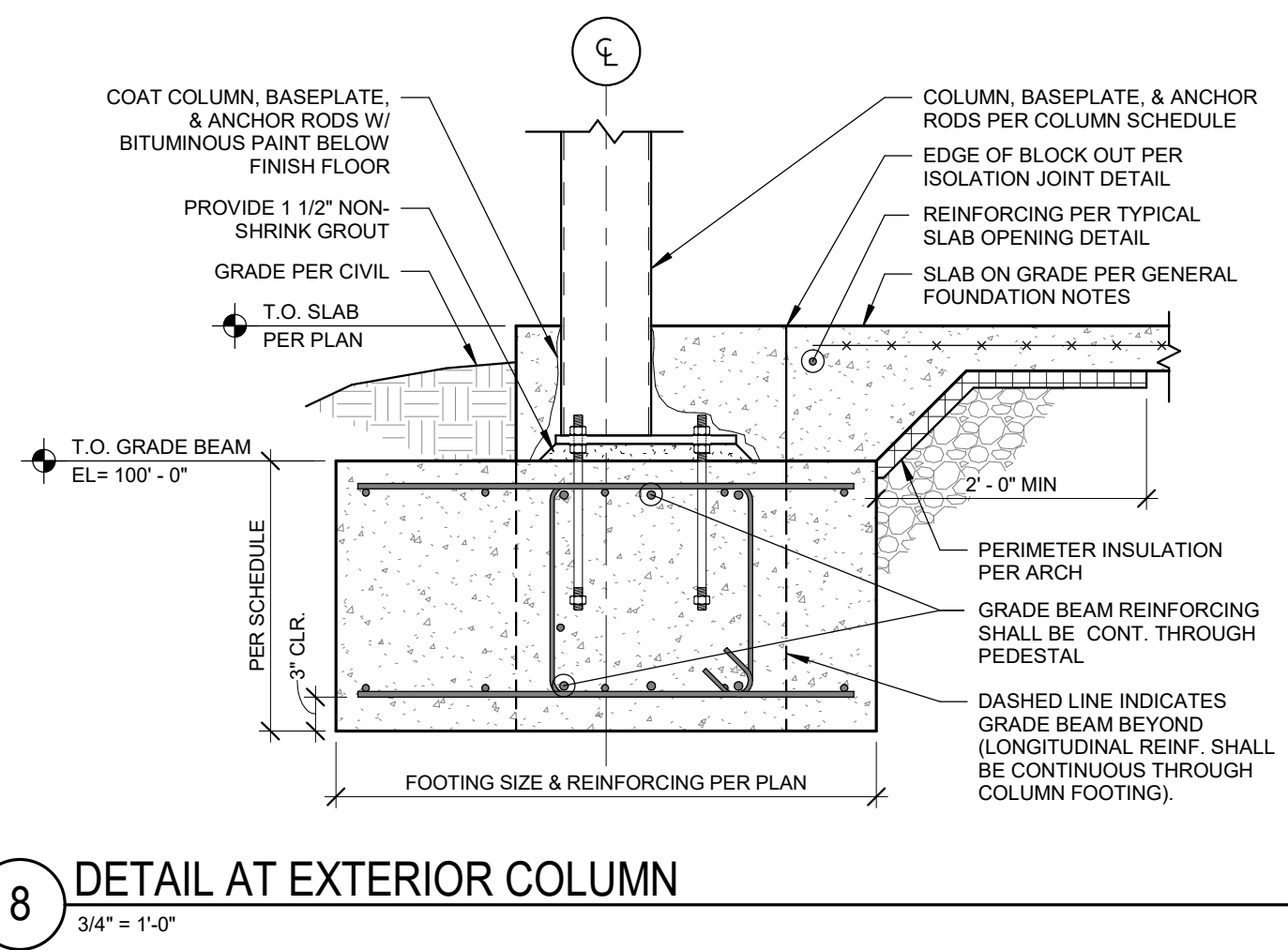
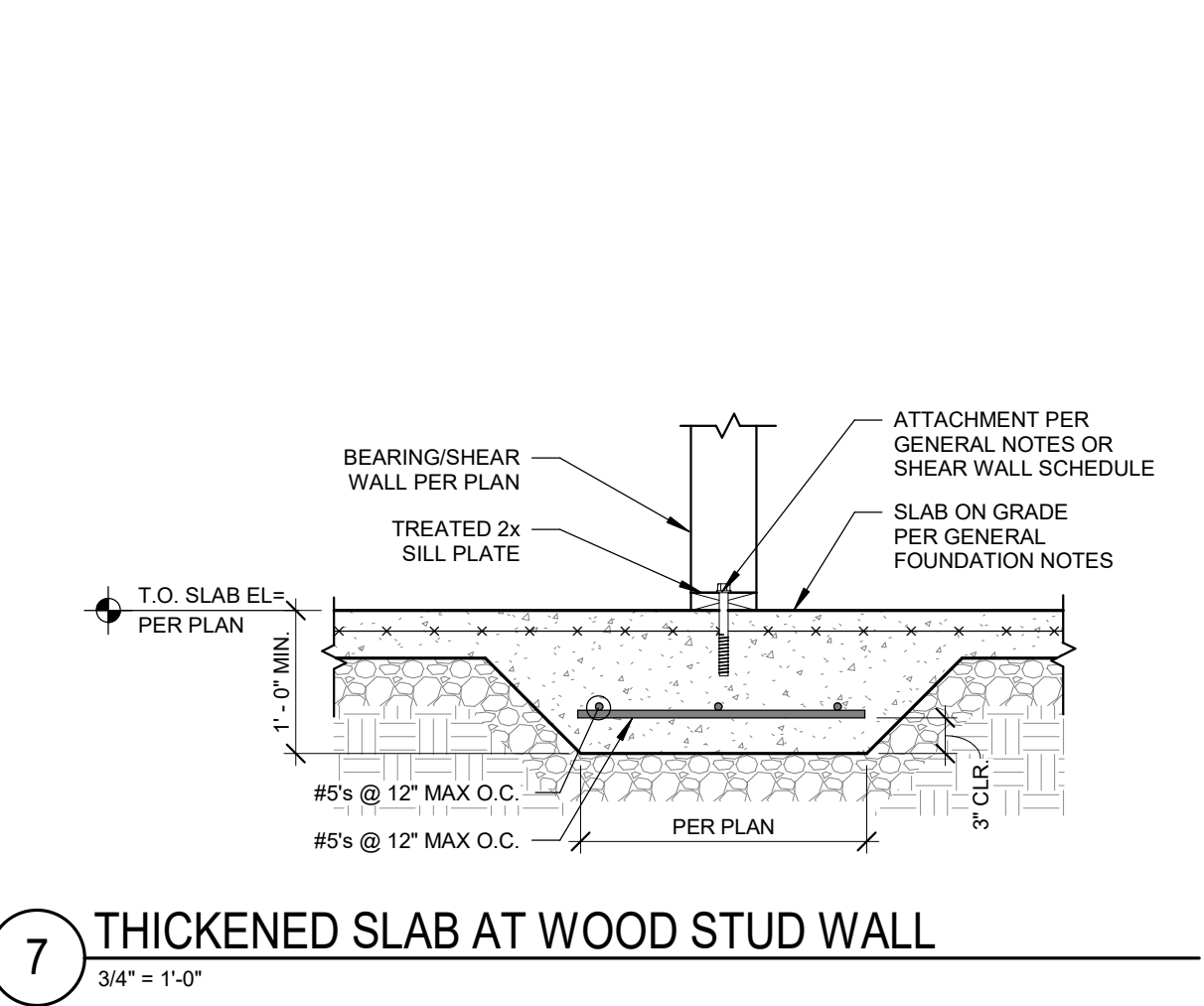
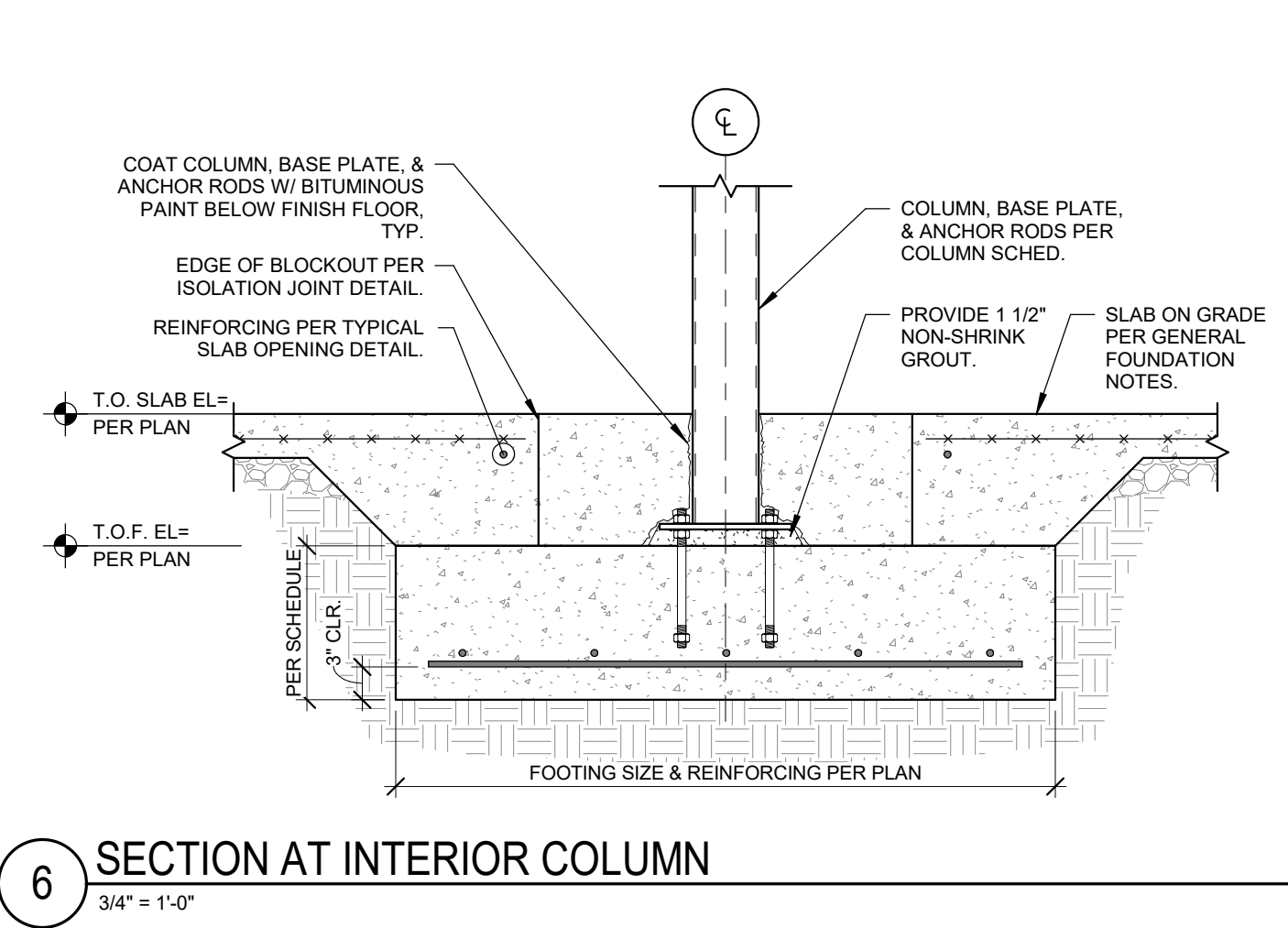
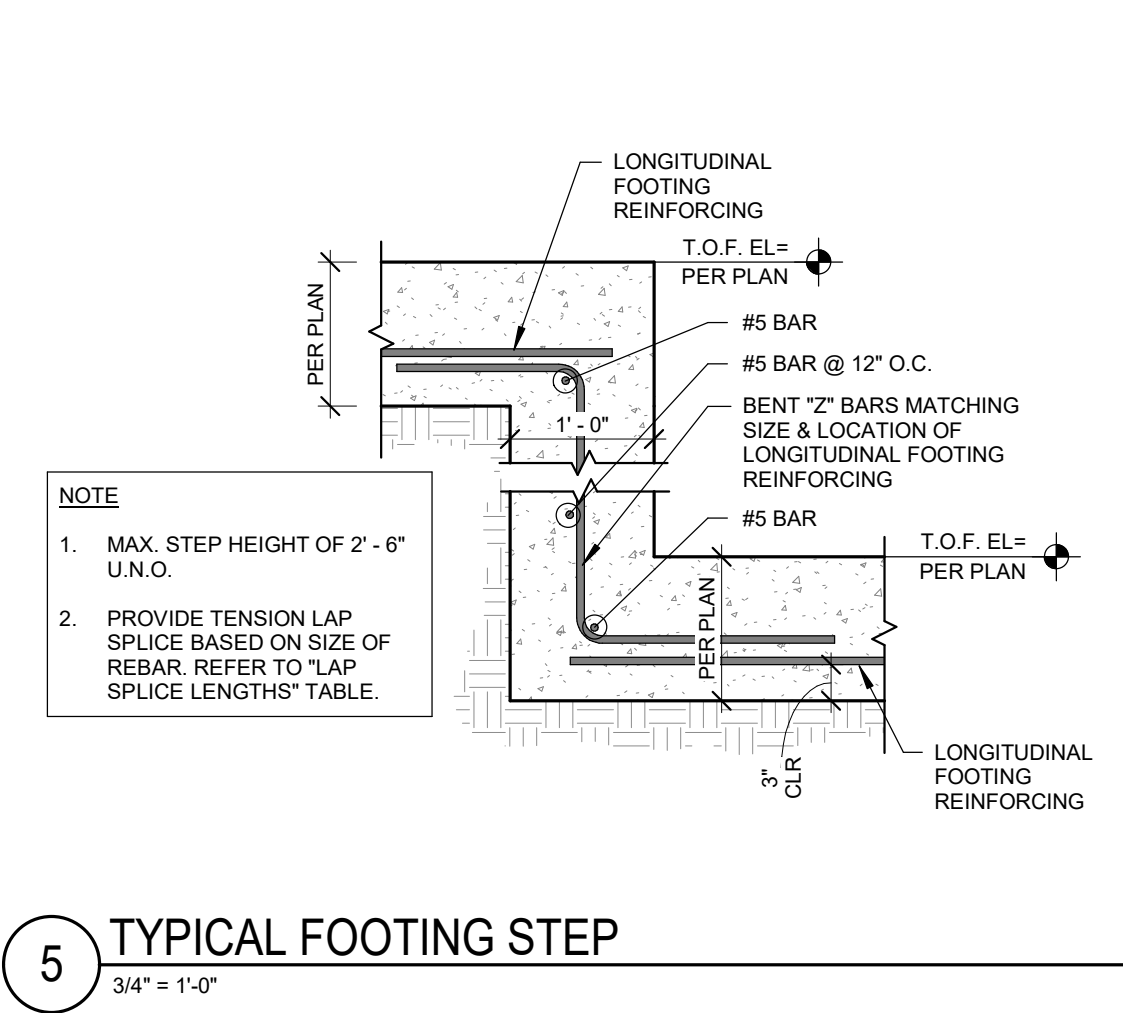
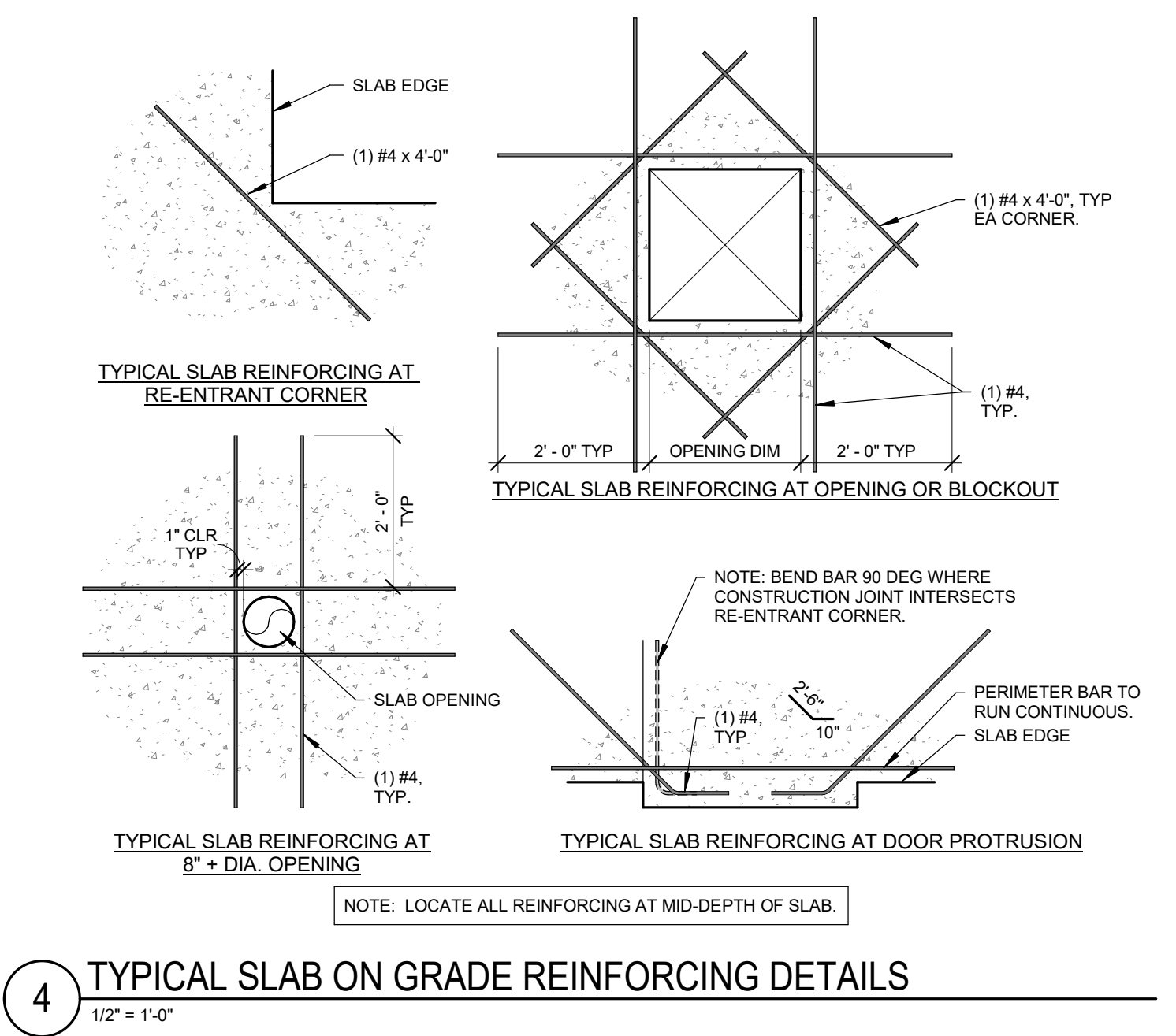
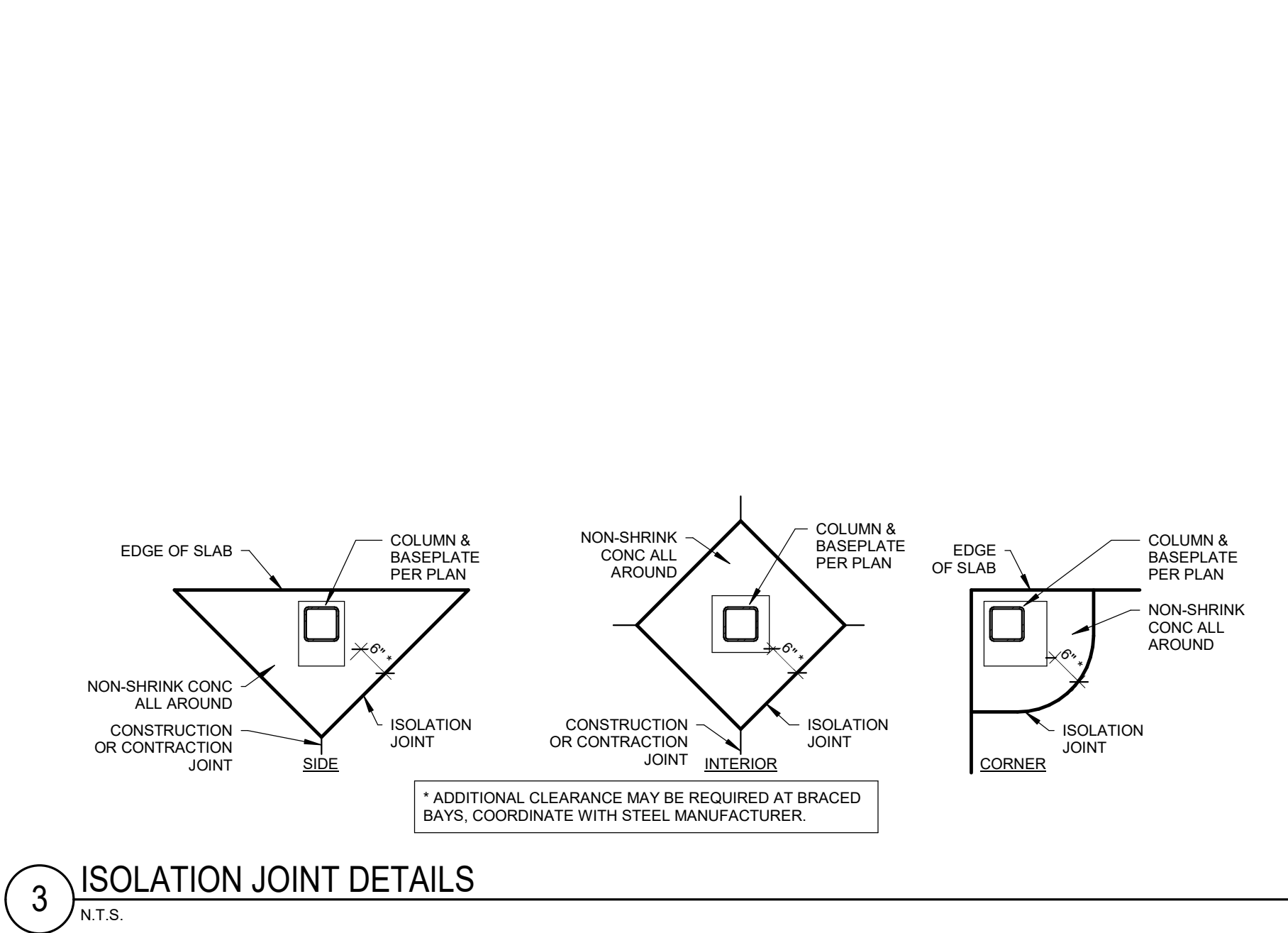
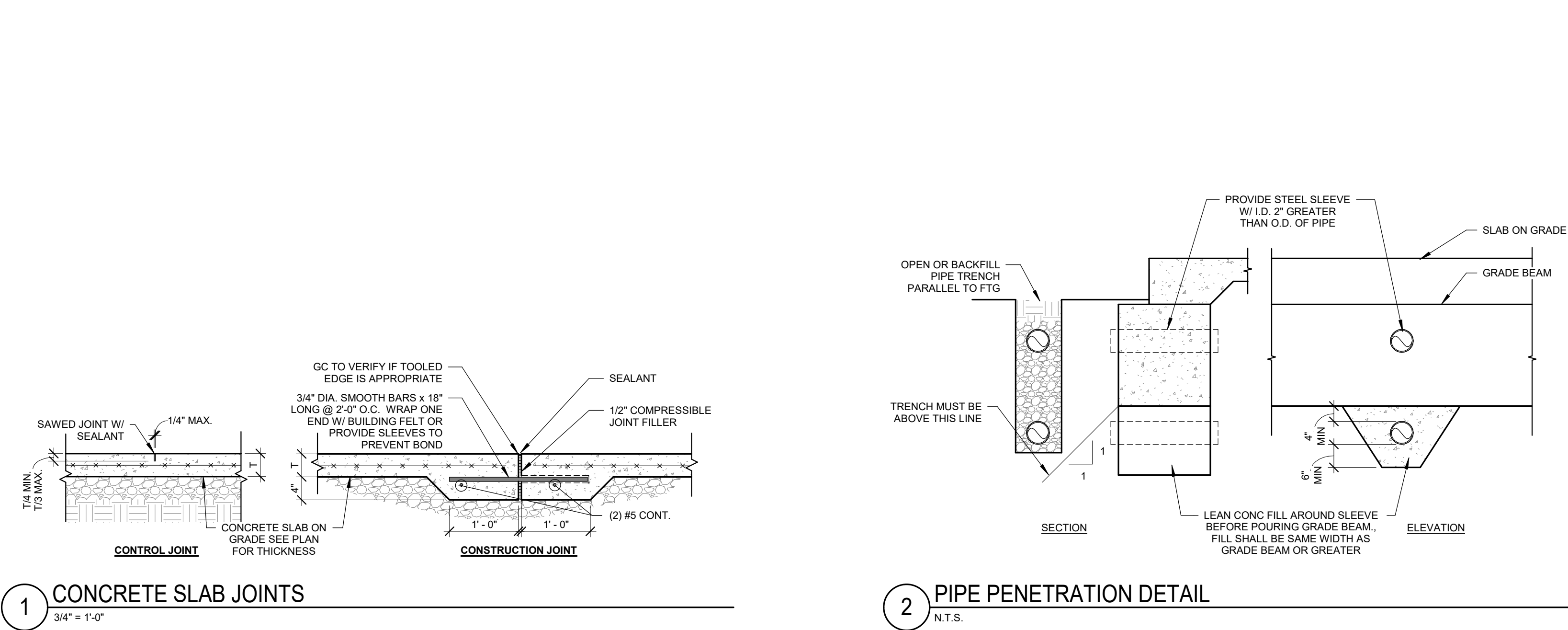
Revisions

No.	Description	Date

S1.1
FOUNDATION PLAN

project #: 22-169

date: 5.22.2023



ARKIFEX
STUDIOS

221 SOUTH AVE, SPRINGFIELD, MO 65806

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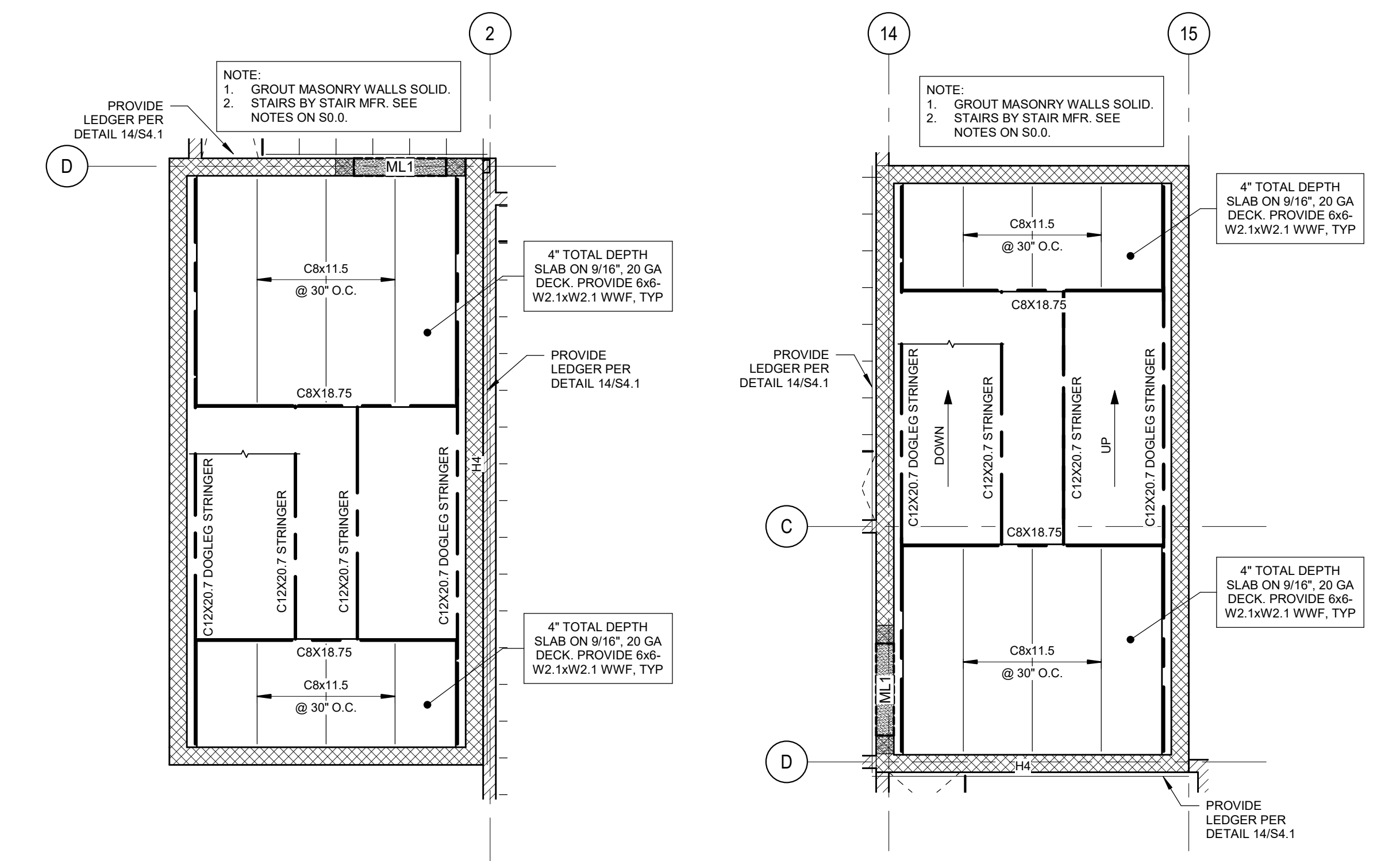
Revisions

No.	Description	Date

S2.1
FOUNDATION
DETAILS

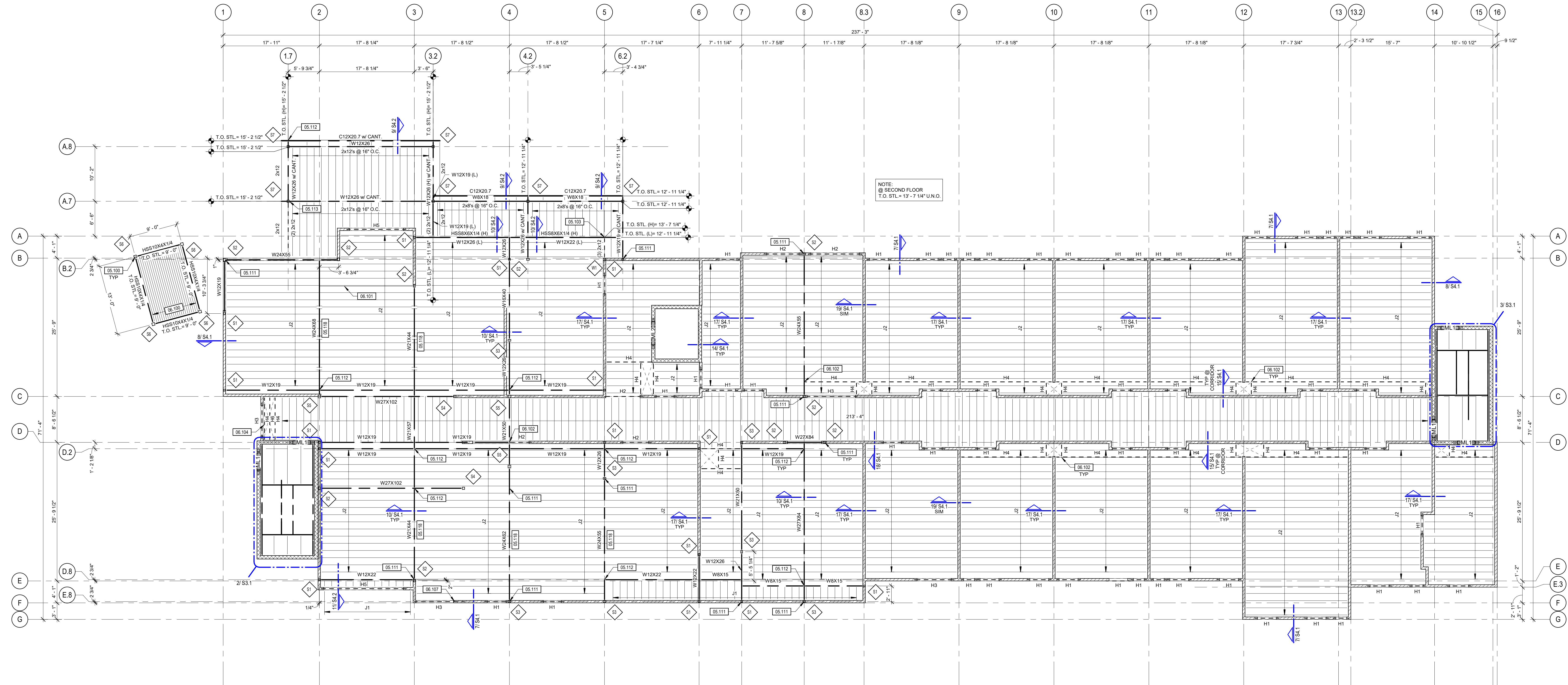
project #: 22-169

date: 5.22.2023



2 WEST STAIR PLAN
1/4" = 1'-0"

3 EAST STAIR PLAN
1/4" = 1'-0"



4 SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"

BEARING WALL SCHEDULE				
LOCATION	1ST FLOOR	2ND FLOOR	3RD FLOOR	4TH FLOOR
DEMISING WALLS	STUD SIZE	1.75x5.5 LSL	2-2X6	2X6
	# OF STUDS	2	2	1
	STUD SPACING	16"	16"	16"
	BLOCKING SPACING	MID POINT U.N.O.	48" O.C. MAX	48" O.C. MAX
CORRIDOR WALLS	LUMBER GRADE	LSL STUD	SPF #1#2	SPF #1#2
	STUD SIZE	2X6	2X6	2X6
	# OF STUDS	1	1	1
	STUD SPACING	16"	16"	16"
EXTERIOR WALLS (PARALLEL TO JOISTS)	BLOCKING SPACING	48" O.C. MAX	48" O.C. MAX	MID POINT U.N.O.
	LUMBER GRADE	SPF #1#2	SPF #1#2	SPF #1#2
	STUD SIZE	2X6	2X6	2X6
	# OF STUDS	1	1	1
EXTERIOR WALLS (PERPENDICULAR TO JOISTS)	BLOCKING SPACING	48" O.C. MAX	48" O.C. MAX	MID POINT U.N.O.
	LUMBER GRADE	SPF #1#2	SPF #1#2	SPF #1#2
	STUD SIZE	2X6	2X6	2X6
	# OF STUDS	2	1	1

- NOTES:
- STUDS INDICATED TO BE #1#2 SPF SHALL HAVE THE FOLLOWING MINIMUM VALUES PER NDS TABLE 4A:
A. $F_b=875$ PSI
B. $F_c=1150$ PSI
 - REFER TO GENERAL NOTES FOR REQUIRED TOP PLATE, SILL PLATE, AND BLOCKING LUMBER GRADES.
 - STUDS SHALL ALIGN WITH FLOOR JOISTS OR TRUSSES AS APPLICABLE.
 - MULTIPLE STUDS SHALL BE NAILED IN ACCORDANCE WITH NDS SPECIFICATION SECTION 15.3.3:
A. PROVIDE 10d NAILS AT DOUBLE STUDS
B. PROVIDE 30d NAILS AT TRIPLE STUDS
 - SEE SHEAR WALL PLANS AND DETAILS. PROVIDE ALTERNATE STUDS AND BLOCKING AS REQUIRED.

COLUMN SCHEDULE				
MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE	NOTES
S1	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S2	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S3	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S4	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S5	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S6	HSS6X4X1/2	SEE S.O.	SEE S.O.	
S7	HSS6X4X1/2	SEE S.O.	SEE S.O.	
W1	6x6 Pressure Treated Wood	SIMPSON ABUS6	5/8" TITEN HD	

HEADER & JOIST SCHEDULE		
TYPE MARK	TYPE	
H1	(3) 2X6	
H2	(3) 2X10	
H3	(3) 2X12	
H4	(2) 1 3/4x11 7/8 LVL	
H5	(3) 1 3/4x11 7/8 LVL	
H6	(1) 3/4x11 7/8	
J1	2x10 @ 16" O.C.	
J2	11 7/8 T & 2X6 @ 16" O.C.	

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
05.100	BUTT BEAM TO COLUMN AND PROVIDE 1/4" FILLET WELD ALL AROUND. COORDINATE TOP OF COLUMN W/ ARCH. PROVIDE 1/4" CAP PLATE.
05.103	FILLER BEAM ENDS AT GRID 5.
05.111	BEAM TO COLUMN CONNECTION PER DETAIL 2/S4.2.
05.112	BEAM TO BEAM CONNECTION PER DETAIL 1/S4.2.
05.113	BEAM TO COLUMN CONNECTION PER DETAIL 3/S4.2.
05.118	PROVIDE 6" DIA HOLES AT 8" MAX O.C. THROUGH WEB OF BEAM. LOCATE BOTTOM OF HOLE 4" ABOVE BOTTOM FLANGE.
06.100	No. 2 CEDAR SHIP @ 4" 1/4" O.C. COORDINATE EXACT SPACING W/ ARCH. SEE DETAIL 5/S4.2 FOR TYPICAL EDGE DETAIL. PROVIDE 2" MINIMUM CLEAR ALL AROUND.
06.101	PROVIDE DOUBLE JOIST ABOVE ENTRY.
06.102	PROVIDE SIMPSON TOP FLANGE HANGER.
06.104	PROVIDE LVL HEADERS BELOW SHAFT. SEE ARCH. DETAIL. PROVIDE SIMPSON LUM HANGERS TO MASONRY W/ TITEN HD ANCHORS PER MFR. POCKET JOISTS INTO WALL AT GRID C END.
06.107	PROVIDE TRIPLE STUD TO GRADE AT BEARING POINT.

- PLAN NOTES - FRAMING
- ALL OPENING SIZES AND LOCATIONS, HEAD AND SILL ELEVATIONS, ETC. SHALL BE COORDINATED WITH OTHER DISCIPLINES.
 - MECHANICAL EQUIPMENT IS SHOWN FOR REFERENCE ONLY. THE CONTRACTOR AND SUBS SHALL VERIFY ALL UNIT WEIGHTS, LOCATIONS, AND DIMENSIONS PRIOR TO JOIST FABRICATION. PROVIDE ANGLE "H" FRAME PER TYPICAL ROOF OPENING DETAIL AT BOTH CURBS AND DUCT PENETRATIONS.
 - PROVIDE "H" FRAME AT ALL OPENINGS IN THE DECK GREATER THAN 10". THIS INCLUDES ROOF DRAINS.
 - PROVIDE JOIST BRIDGING AS REQUIRED BY SJI SPECIFICATION. CONTRACTOR TO COORDINATE LOCATIONS WITH OTHER TRADES.
 - MECHANICAL HANGERS AND OTHER ITEMS SUPPORTED FROM JOISTS ARE TO BE ATTACHED TO TOP OR BOTTOM CHORDS ONLY. REFER TO JOIST REINFORCING DETAIL FOR LOADS THAT DO NOT OCCUR AT A PANEL POINT.
 - REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARTITION WALL ELEVATIONS.
 - COORDINATE FIREPROOFING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
 - PROVIDE A LOOSE STEEL LINTEL PER MASONRY LINTEL NOTES AT ALL OPENINGS IN MASONRY VENEER.
 - REFER TO SHEET S4.2 FOR MASONRY LINTEL SCHEDULE AND OTHER TYPICAL MASONRY DETAILING.
 - CAP ANY OPEN TUBE ENDS W/ 1/4" PLATE AND FIELD WELD.
 - COAT ALL EXPOSED STEEL W/ HIGH PERFORMANCE PAINT.



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STAYBRIDGE SUITES

1301 EAST LARK ST
SPRINGFIELD, MO 65804

Revisions

No.	Description	Date

S3.1
SECOND FLOOR
FRAMING PLAN

project #: 22-169

date: 5.22.2023

Autodesk Docs\Staybridge Suites_R22 Cloud.rvt

COLUMN SCHEDULE				
MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE	NOTES
S1	HS60X45X16	SEE S0.0	SEE S0.0	
S2	HS60X45X16	SEE S0.0	SEE S0.0	
S3	HS60X45X12	SEE S0.0	SEE S0.0	
S4	HS60X45X12	SEE S0.0	SEE S0.0	
S5	HS60X45X12	SEE S0.0	SEE S0.0	
S6	HS60X45X14	SEE S0.0	SEE S0.0	
S7	HS60X45X16	SEE S0.0	SEE S0.0	
W1	6x6 Pressure Treated Wood	SIMPSON ABL66	5/8" TITEN HD	

HEADER & JOIST SCHEDULE	
TYPE MARK	TYPE
H1	(3) 2X8
H2	(3) 2X10
H3	(3) 2X12
H4	(2) 1 3/4x11 7/8 LVL
H5	(3) 1 3/4x11 7/8 LVL
H6	(1) 1 3/4x11 7/8
J1	2x10 @ 16" O.C.
J2	11 7/8 Lx 230 @ 16" O.C.

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
06.102	PROVIDE SIMPSON TOP FLANGE HANGER
08.107	PROVIDE TRIPLE STUD TO GRADE AT BEARING POINT

- PLAN NOTES - FRAMING**
- ALL OPENING SIZES AND LOCATIONS, HEAD AND SILL ELEVATIONS, ETC. SHALL BE COORDINATED WITH OTHER DISCIPLINES.
 - MECHANICAL EQUIPMENT IS SHOWN FOR REFERENCE ONLY. THE CONTRACTOR AND SUBS SHALL VERIFY ALL UNIT WEIGHTS, LOCATIONS, AND DIMENSIONS PRIOR TO JOIST FABRICATION. PROVIDE ANGLE "H" FRAME PER TYPICAL ROOF OPENING DETAIL AT BOTH CURBS AND DUCT PENETRATIONS.
 - PROVIDE "H" FRAME AT ALL OPENINGS IN THE DECK GREATER THAN 10". THIS INCLUDES ROOF DRAINS.
 - PROVIDE JOIST BRIDGING AS REQUIRED BY SJI SPECIFICATION. CONTRACTOR TO COORDINATE LOCATIONS WITH OTHER TRADES.
 - MECHANICAL HANGERS AND OTHER ITEMS SUPPORTED FROM JOISTS ARE TO BE ATTACHED TO TOP OR BOTTOM CHORDS ONLY. REFER TO JOIST REINFORCING DETAIL FOR LOADS THAT DO NOT OCCUR AT A PANEL POINT.
 - REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARTITION WALL ELEVATIONS.
 - COORDINATE FIREPROOFING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
 - PROVIDE A LOOSE STEEL LINTEL PER MASONRY LINTEL NOTES AT ALL OPENINGS IN MASONRY VENEER.
 - REFER TO SHEET S4.2 FOR MASONRY LINTEL SCHEDULE AND OTHER TYPICAL MASONRY DETAILING.
 - CAP ANY OPEN TUBE ENDS w/ 1/4" PLATE AND FIELD WELD.
 - COAT ALL EXPOSED STEEL W/ HIGH PERFORMANCE PAINT.



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STUDIOS

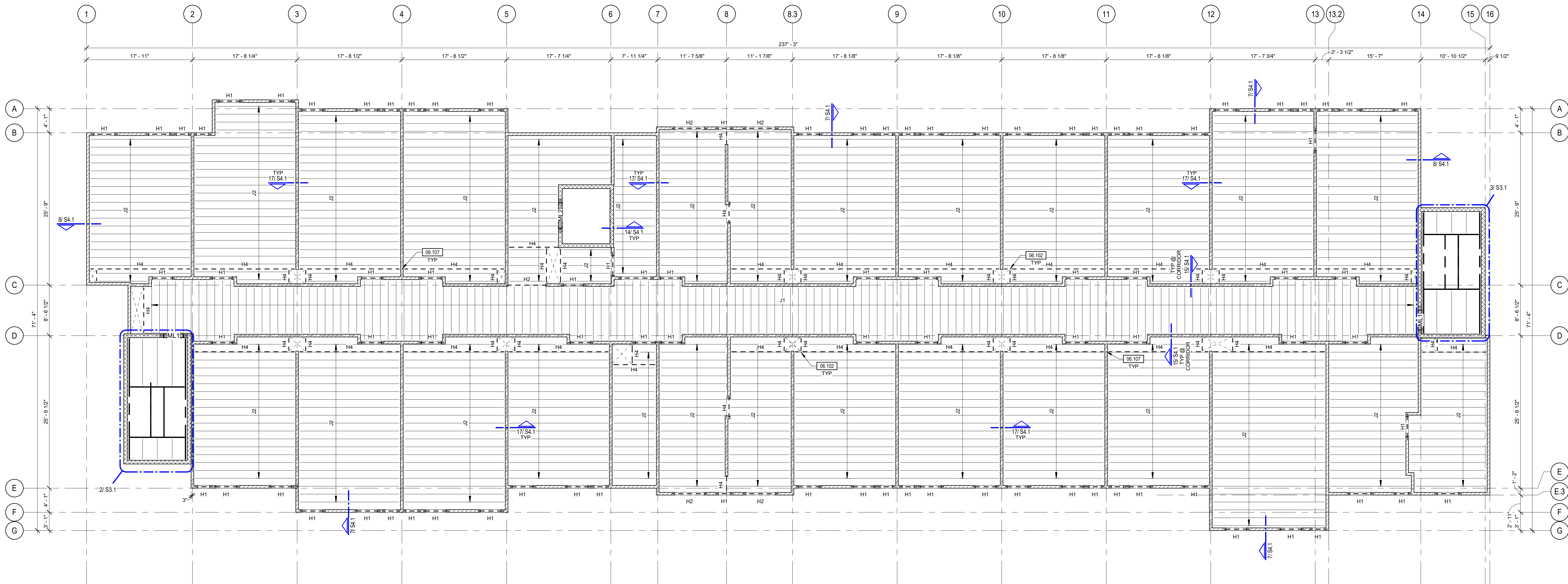
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1 THIRD & FOURTH FLOOR FRAMING PLAN
1/8" = 1'-0"



STAYBRIDGE SUITES

1301 EAST LARK ST
SPRINGFIELD, MO 65804

Revisions

No.	Description	Date

S3.2

THIRD & FOURTH
FLOOR FRAMING
PLAN

project #: 22-169

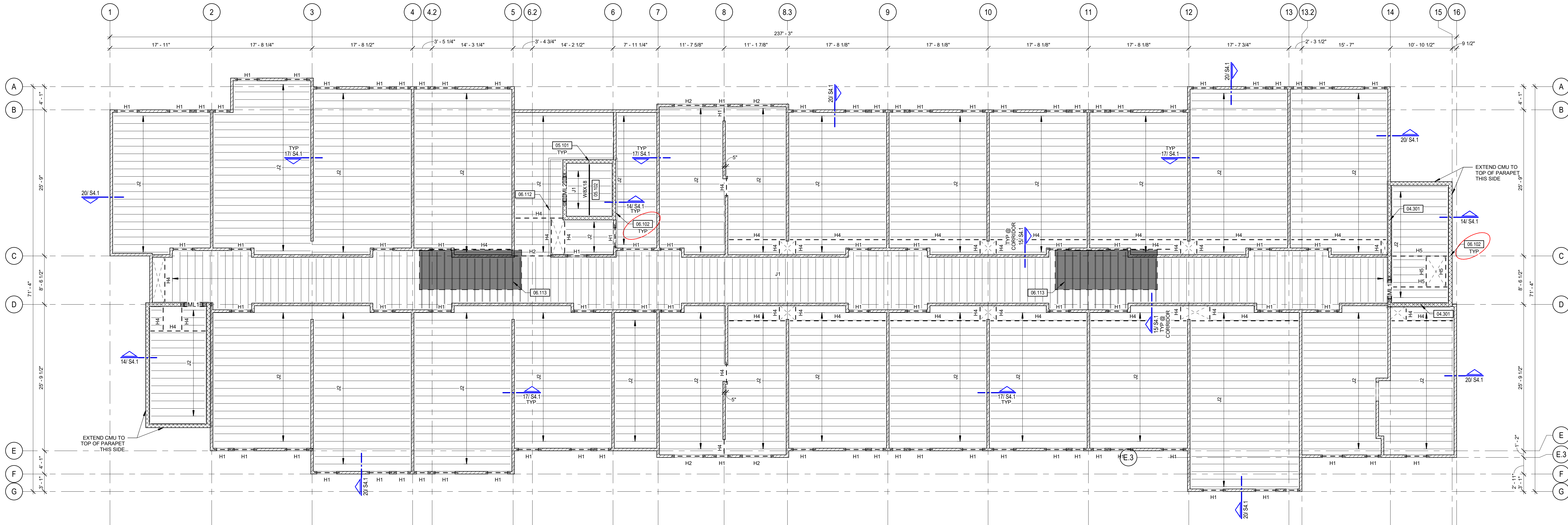
date: 5.22.2023

HEADER & JOIST SCHEDULE		
TYPE MARK	TYPE	
H1	(3) 2X8	
H2	(3) 2X10	
H3	(3) 2X12	
H4	(2) 1 3/4x11 7/8 LVL	
H5	(3) 1 3/4x11 7/8 LVL	
H6	(1) 2x4x11 7/8	
J1	2x10 @ 16" O.C.	
J2	11 7/8 T&I 230 @ 16" O.C.	

COLUMN SCHEDULE				
MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE	NOTES
S1	HSS4XXS16	SEE S.O.	SEE S.O.	
S2	HSS6XXS16	SEE S.O.	SEE S.O.	
S3	HSS8XX12	SEE S.O.	SEE S.O.	
S4	HSS5XX12	SEE S.O.	SEE S.O.	
S5	HSS6XX12	SEE S.O.	SEE S.O.	
S6	HSS6XX14	SEE S.O.	SEE S.O.	
S7	HSS6XXS16	SEE S.O.	SEE S.O.	
W1	6x6 Pressure Treated Wood	SIMPSON ABU66	5/8" TITEN HD	

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
04.301	TOP OF CMU TO BE 3" BELOW DECK BEARING. PROVIDE (2) NAILERS W/ 1/2" x 8" TITEN HD's @ 24" O.C. PROVIDE JOIST HANGERS WHERE HOISTS ARE PERPENDICULAR TO WALL.
05.101	POCKET BEAM INTO WALL. SEE DETAIL 8/84.2.
05.102	COORDINATE HOIST BEAM LOCATION AND ELEVATION W/ MFR.
06.102	PROVIDE SIMPSON TOP FLANGE HANGER.
06.112	2x4's @ 16" O.C.
06.113	PROVIDE DOUBLE JOISTS UNDER UNIT. PROVIDE (2) 2x10 BLOCKING AT PERIMETER OF UNIT.

- PLAN NOTES - FRAMING**
- ALL OPENING SIZES AND LOCATIONS, HEAD AND SILL ELEVATIONS, ETC. SHALL BE COORDINATED WITH OTHER DISCIPLINES.
 - MECHANICAL EQUIPMENT IS SHOWN FOR REFERENCE ONLY. THE CONTRACTOR AND SUBS SHALL VERIFY ALL UNIT WEIGHTS, LOCATIONS, AND DIMENSIONS PRIOR TO JOIST FABRICATION. PROVIDE ANGLE "H" FRAME PER TYPICAL ROOF OPENING DETAIL AT BOTH CURBS AND DUCT PENETRATIONS.
 - PROVIDE "H" FRAME AT ALL OPENINGS IN THE DECK GREATER THAN 10". THIS INCLUDES ROOF DRAINS.
 - PROVIDE JOIST BRIDGING AS REQUIRED BY SJI SPECIFICATION. CONTRACTOR TO COORDINATE LOCATIONS WITH OTHER TRADES.
 - MECHANICAL HANGERS AND OTHER ITEMS SUPPORTED FROM JOISTS ARE TO BE ATTACHED TO TOP OR BOTTOM CHORDS ONLY. REFER TO JOIST REINFORCING DETAIL FOR LOADS THAT DO NOT OCCUR AT A PANEL POINT.
 - REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARTITION WALL ELEVATIONS. BRACE WALLS IN ACCORDANCE WITH TYPICAL DETAILS.
 - COORDINATE FIREPROOFING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
 - PROVIDE A LOOSE STEEL LINTEL PER MASONRY LINTEL NOTES AT ALL OPENINGS IN MASONRY VENEER.
 - REFER TO SHEET S4.2 FOR MASONRY LINTEL SCHEDULE AND OTHER TYPICAL MASONRY DETAILING.
 - CAP ANY OPEN TUBE ENDS W/ 1/4" PLATE AND FIELD WELD.
 - COAT ALL EXPOSED STEEL W/ HIGH PERFORMANCE PAINT.



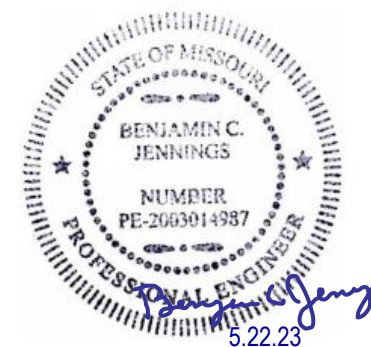
1 ROOF FRAMING PLAN
1/8" = 1'-0"



221 SOUTH AVE, SPRINGFIELD, MO 65806

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STAYBRIDGE SUITES

1301 EAST LARK ST
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Revisions

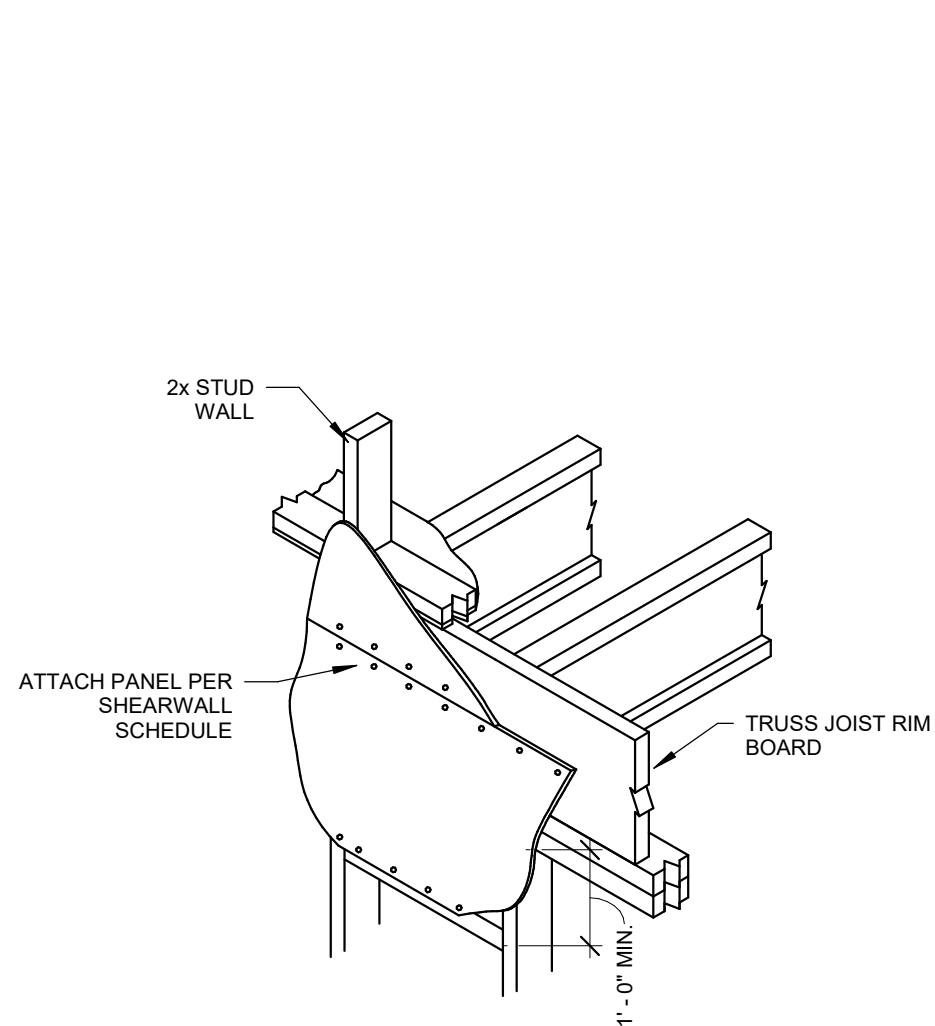
No.	Description	Date

S3.3
ROOF FRAMING
PLAN

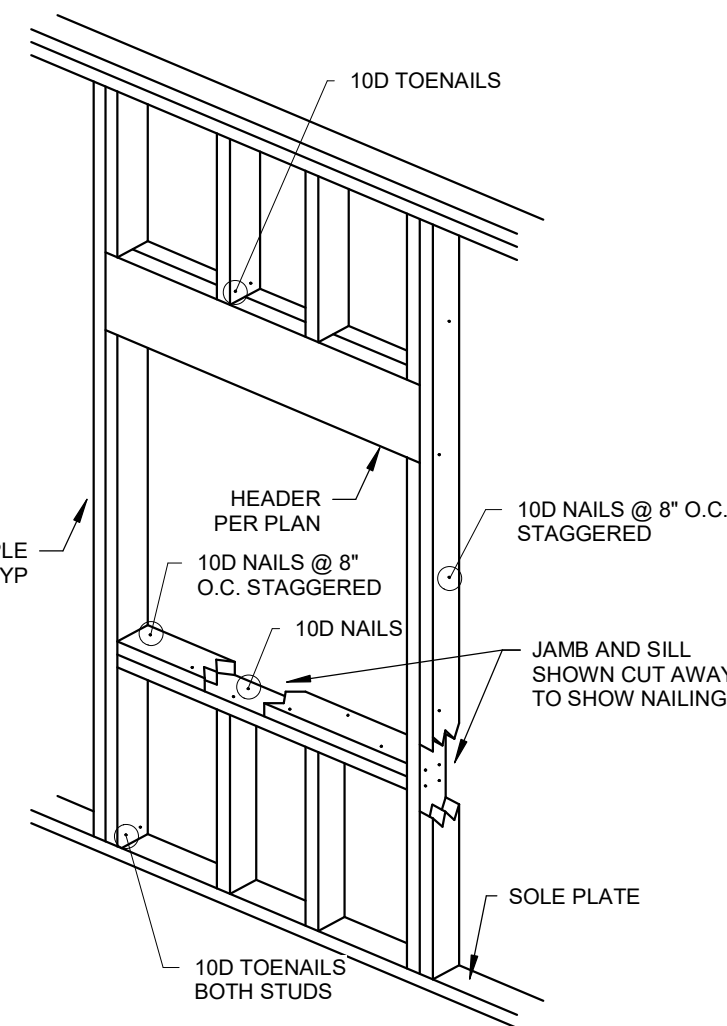
project #: 22-169

date: 5.22.2023

1 TYPICAL RIM BOARD DETAIL
1/2" = 1'-0"



2 TYPICAL HEADER DETAIL
1/2" = 1'-0"

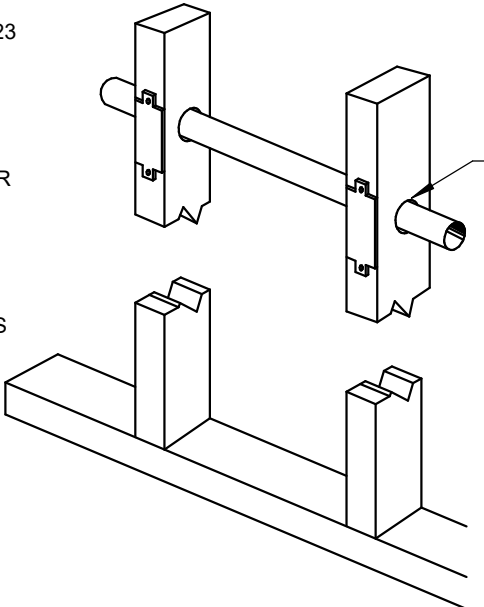


FLOOR	OPENING WIDTH	NO. OF CRIPPLE STUDS	NO. OF KING STUDS
1	0-3'-0"	2	1
	3'-1'-6"	3	3
	6'-7'-12'-0"	3	4
2	0-3'-0"	2	1
	3'-1'-6"	3	2
	6'-7'-12'-0"	3	4
3	0-3'-0"	2	1
	3'-1'-6"	3	2
	6'-7'-12'-0"	2	3
4	0-3'-0"	1	1
	3'-1'-6"	2	2
	6'-7'-12'-0"	2	2

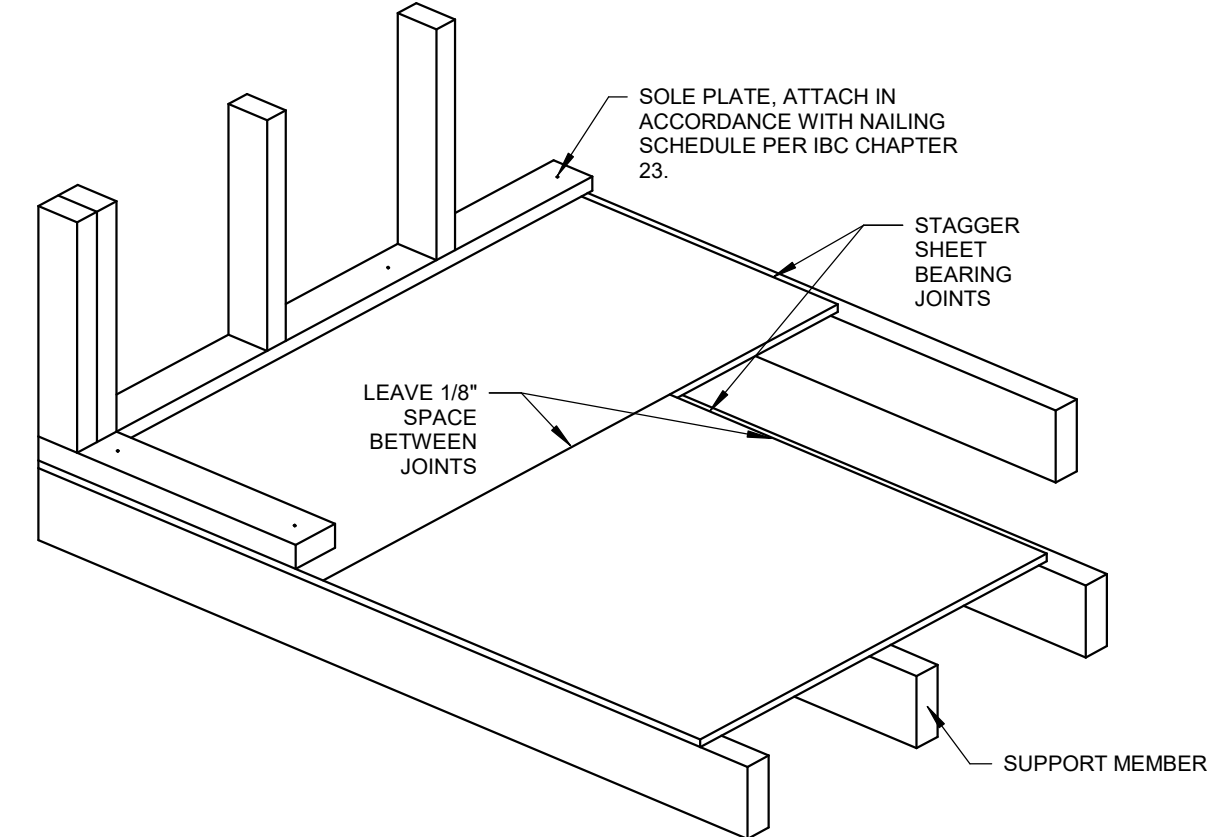
NOTCHES SHALL NOT EXCEED 25% OF STUD DEPTH. BORED HOLES ARE NOT TO EXCEED 40% OF STUD DEPTH. HOLES SHALL BE CENTERED ALONG STUD DEPTH. SEE CHAPTER 23 OF BUILDING CODE FOR ADDITIONAL REQUIREMENTS.

WHERE HOLES OR NOTCHES ARE CUT FOR PIPING OR ELECTRICAL, METAL STRAP OR PLATE MUST BE APPLIED TO THE FACE OF THE STUD TO PROTECT THE PIPE OR ELECTRIC WIRE.

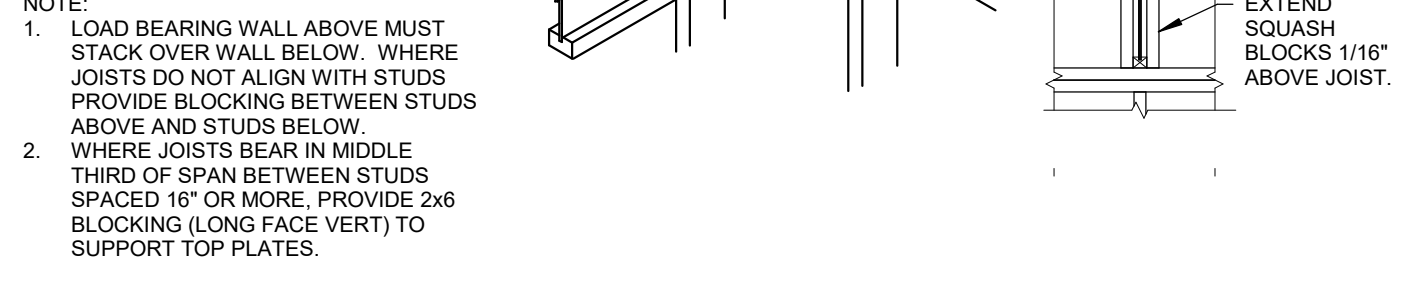
SOLE OR NOTCHES IN EXCESS OF THESE GUIDELINES ARE PERMITTED ONLY BY APPROVAL OF ARCHITECT, ENGINEER OR BUILDING OFFICIAL.



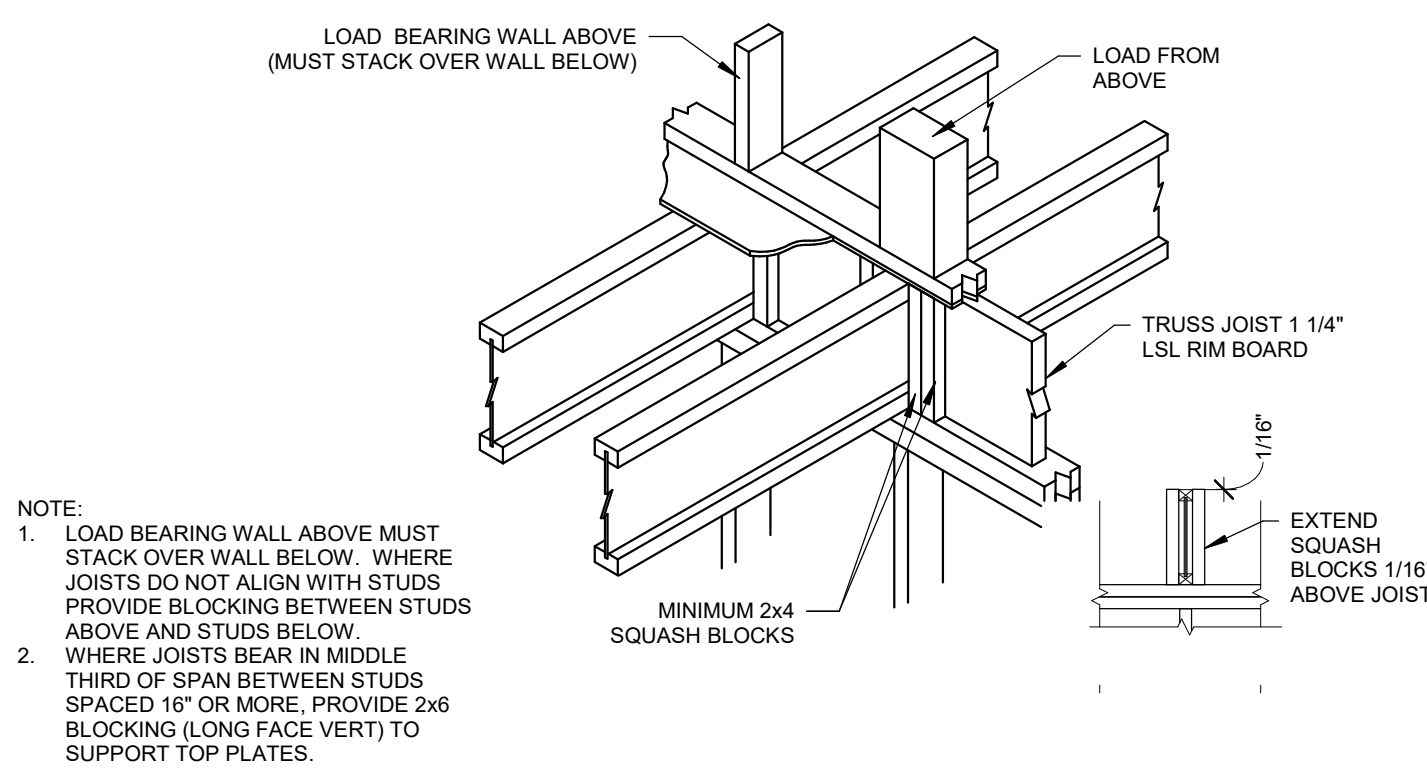
4 TYPICAL FRAMING DETAIL
3/4" = 1'-0"



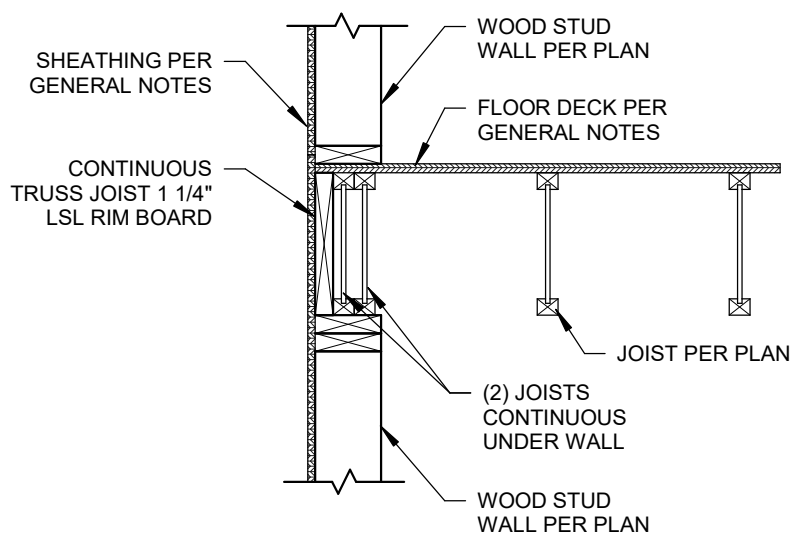
5 BLOCKING AT BEARING WALLS
1/2" = 1'-0"



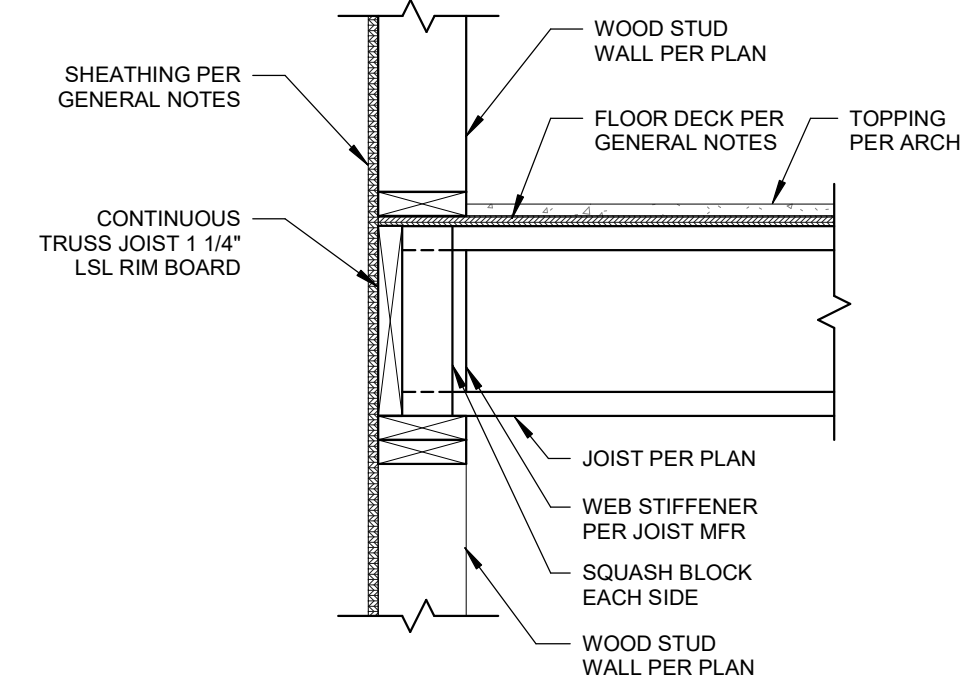
6 BLOCKING BELOW LOAD
1/2" = 1'-0"



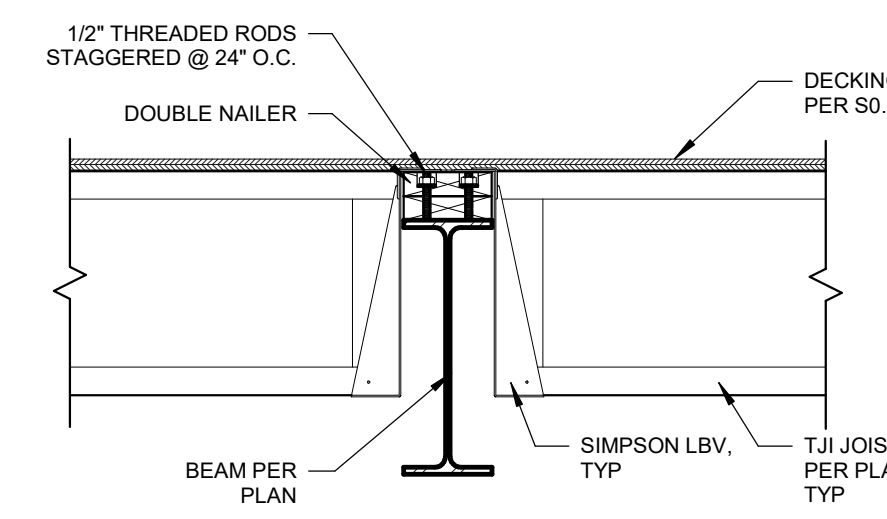
7 PERIMETER WALL PARALLEL TO JOISTS
3/4" = 1'-0"



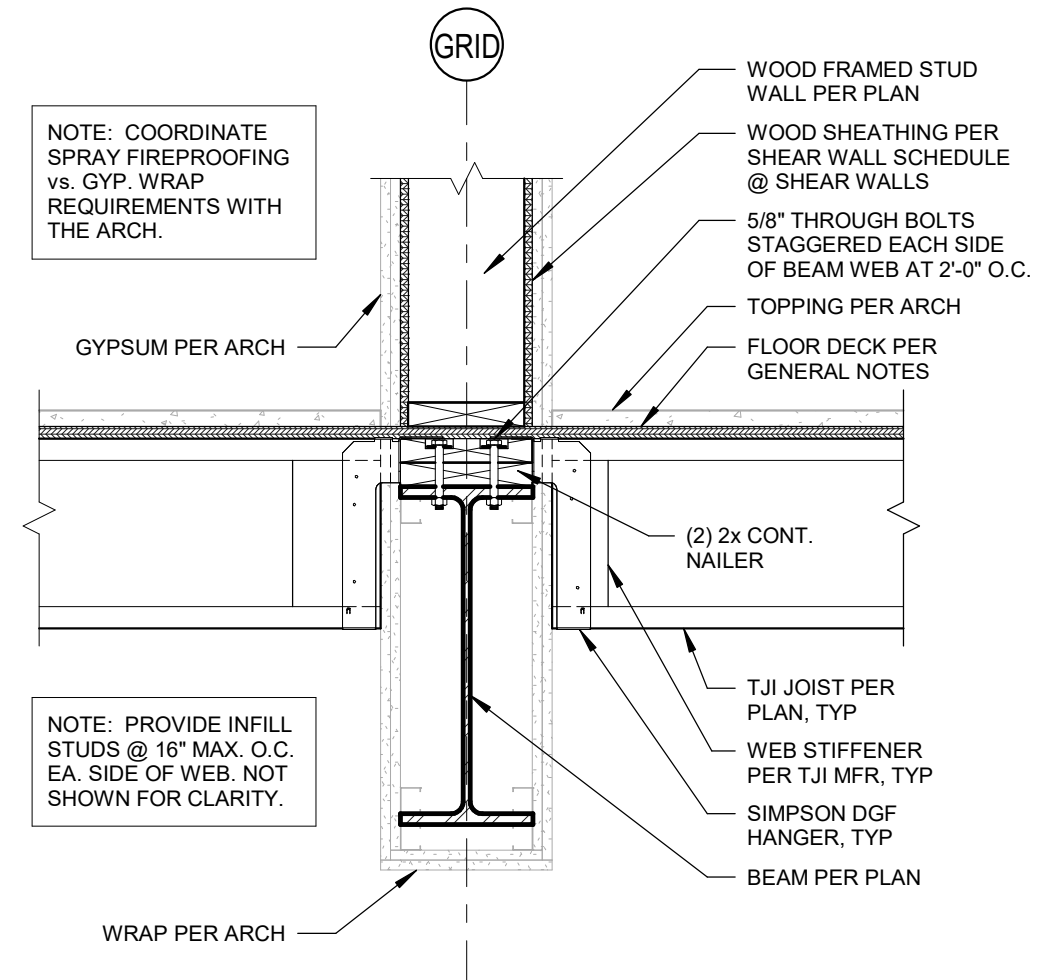
8 PERIMETER WALL PERPENDICULAR TO JOISTS
1" = 1'-0"



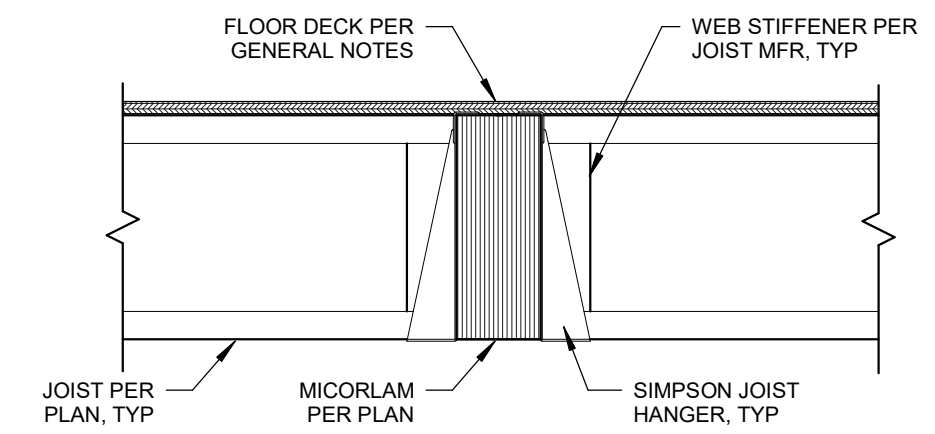
9 BEAM CONNECTION AT TJI'S
1" = 1'-0"



10 BEARING WALL ON STEEL BEAM
1" = 1'-0"



11 TJI TO MICROLAM CONNECTION
1" = 1'-0"



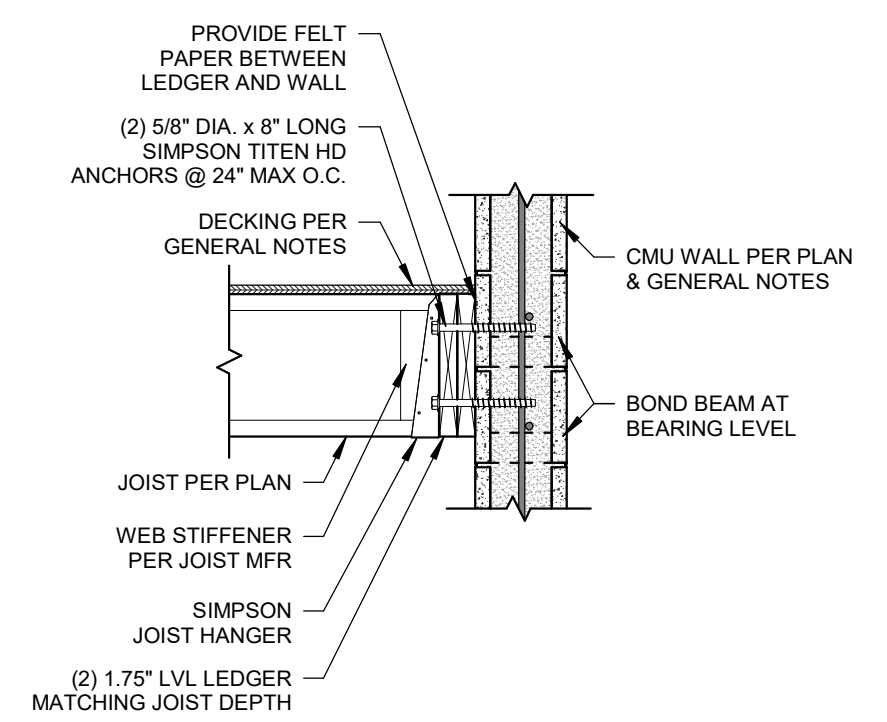
12 NOT USED
3/4" = 1'-0"

NOT USED

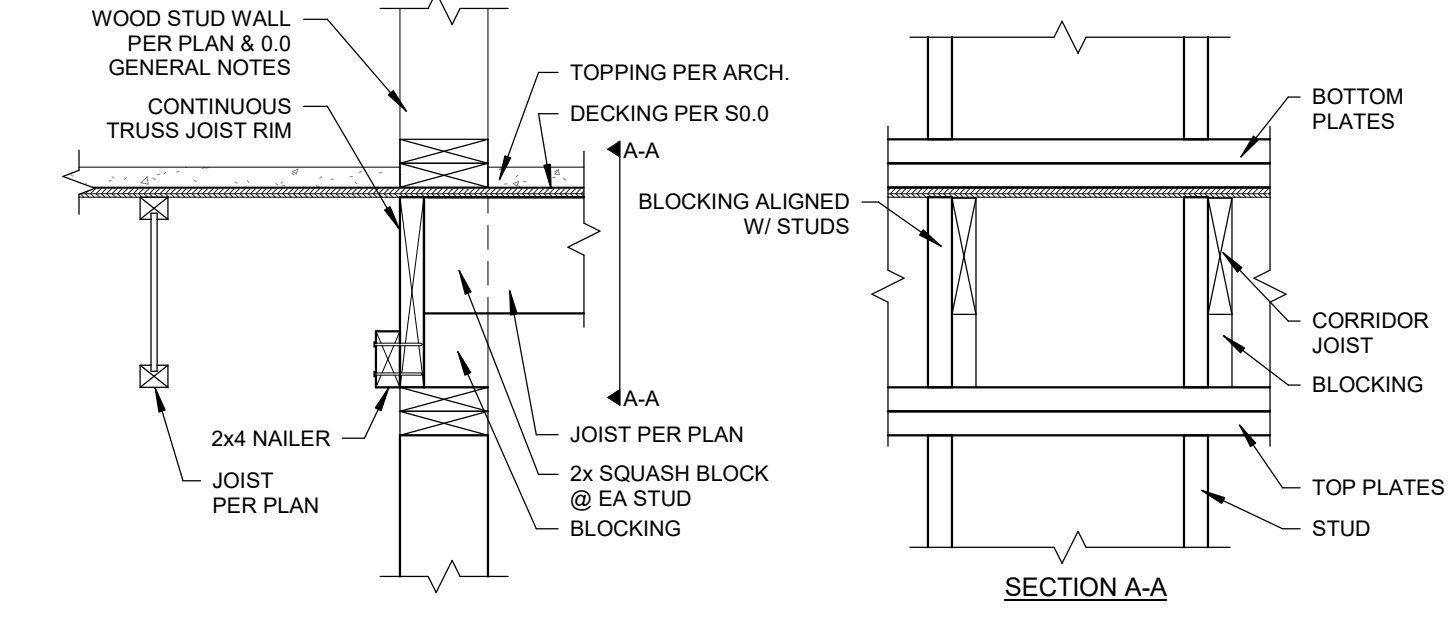
13 NOT USED
3/4" = 1'-0"

NOT USED

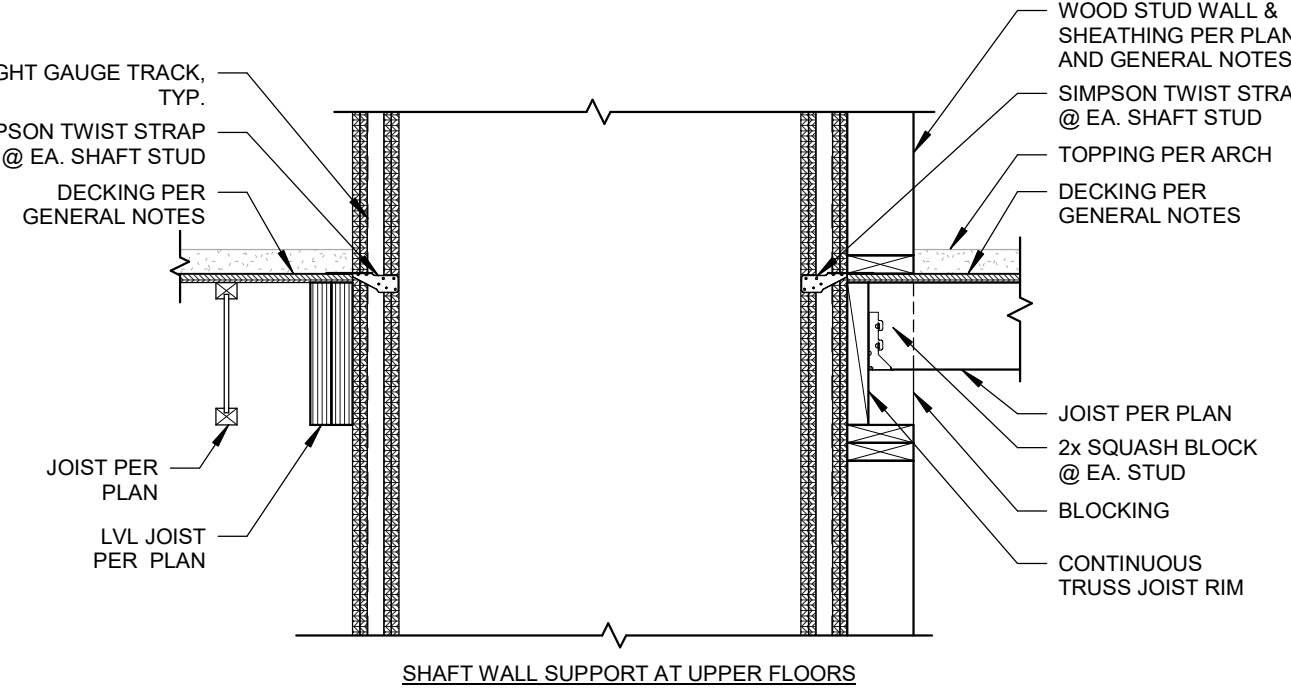
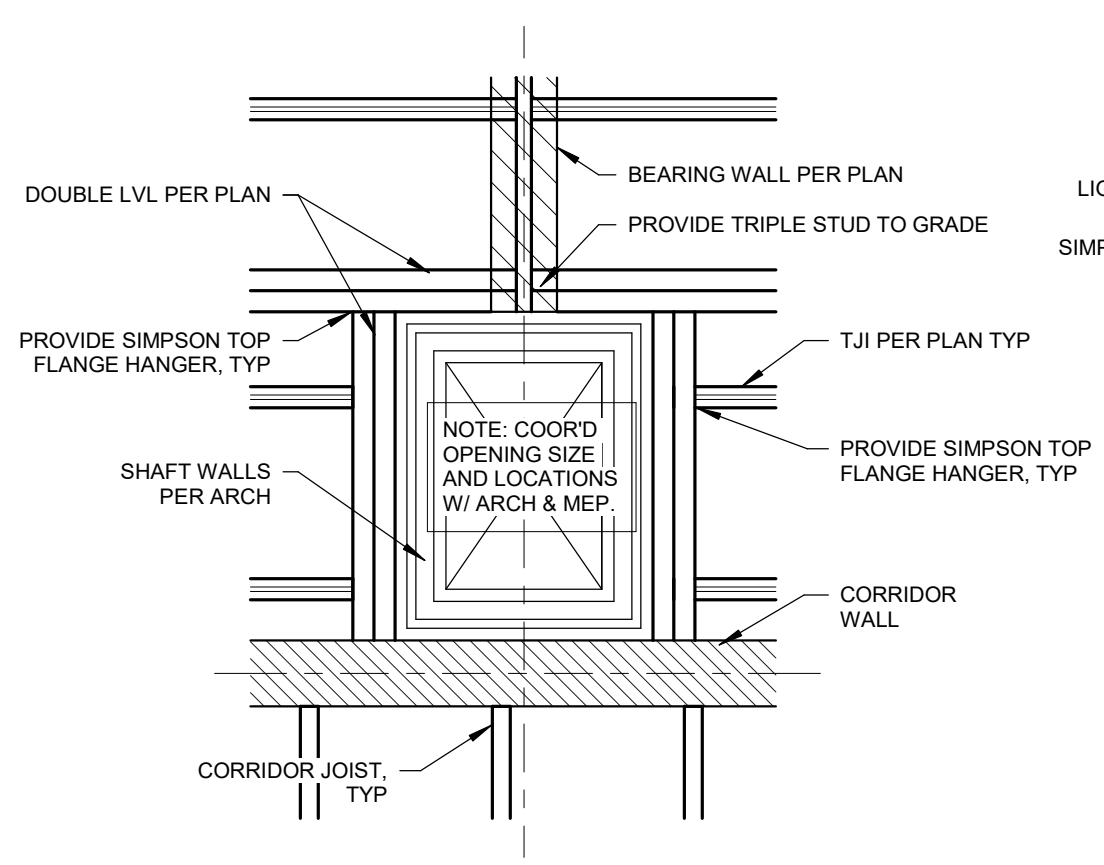
14 TYPICAL LEDGER DETAIL AT CMU WALL
3/4" = 1'-0"



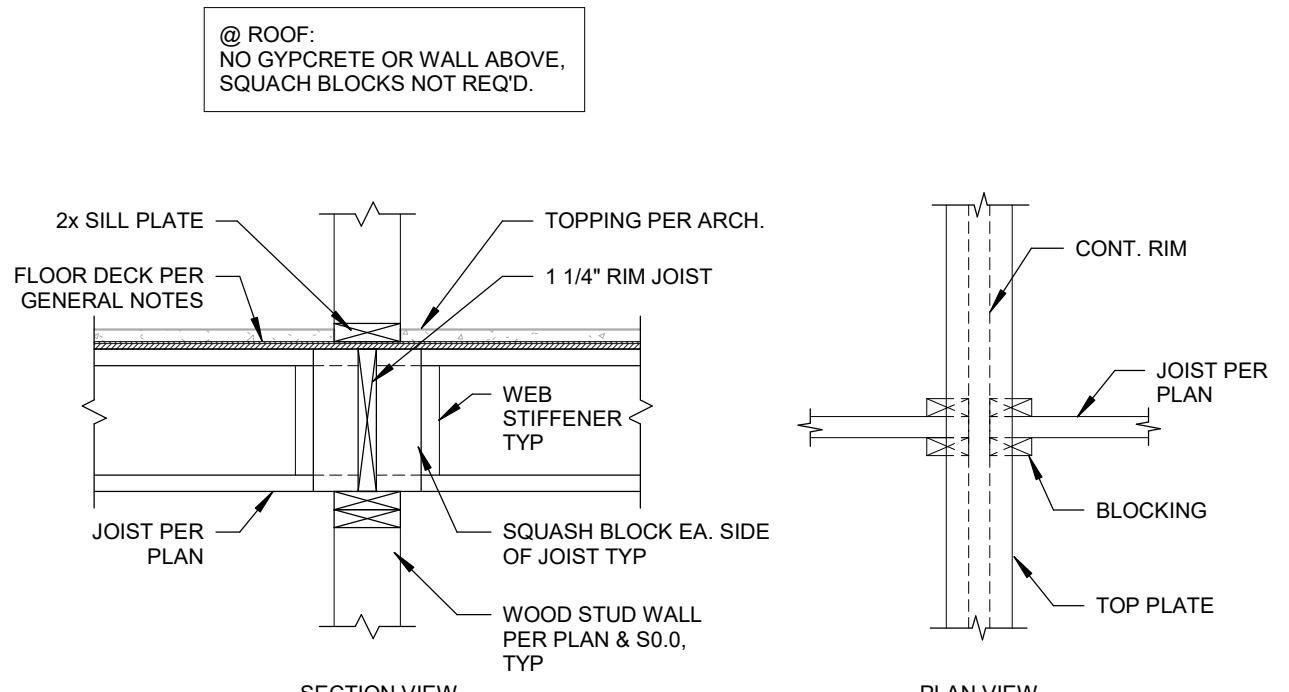
15 TYPICAL CORRIDOR BEARING DETAIL
1" = 1'-0"



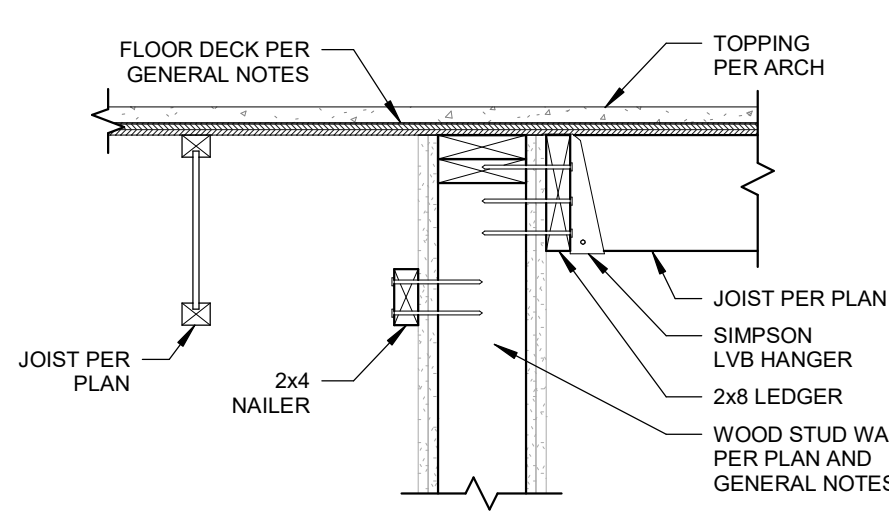
16 FRAMING AT SHAFTS
3/4" = 1'-0"



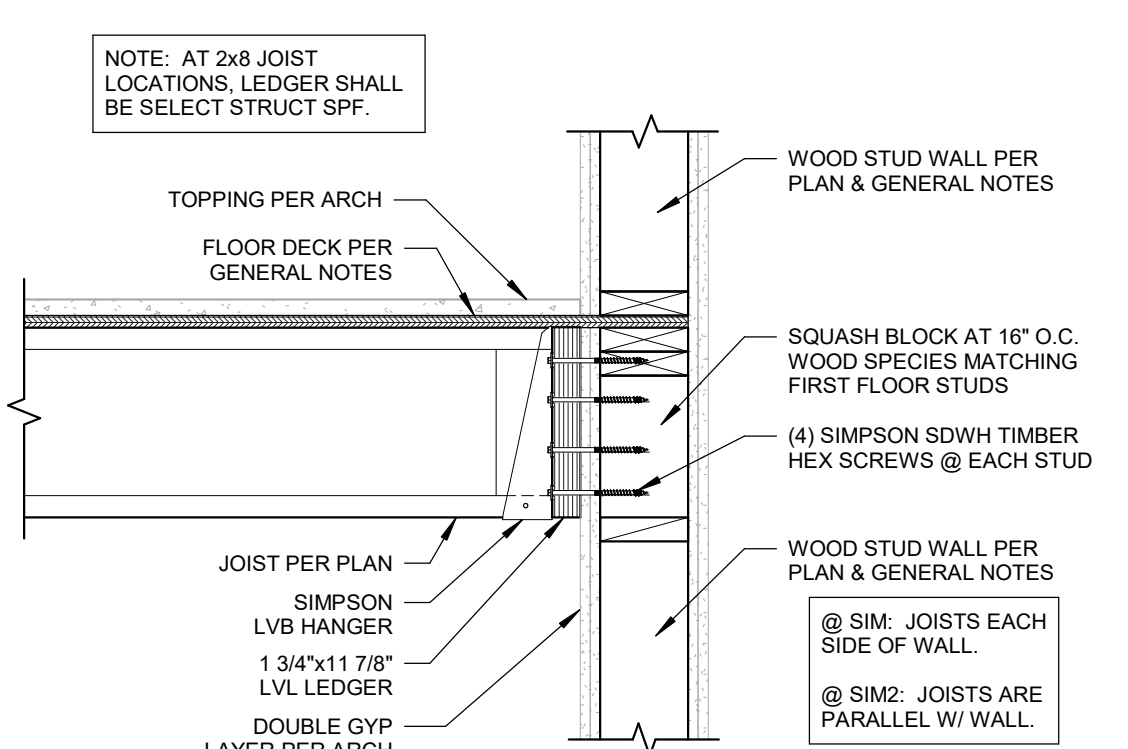
17 JOIST BEARING AT DEMISING WALL
3/4" = 1'-0"



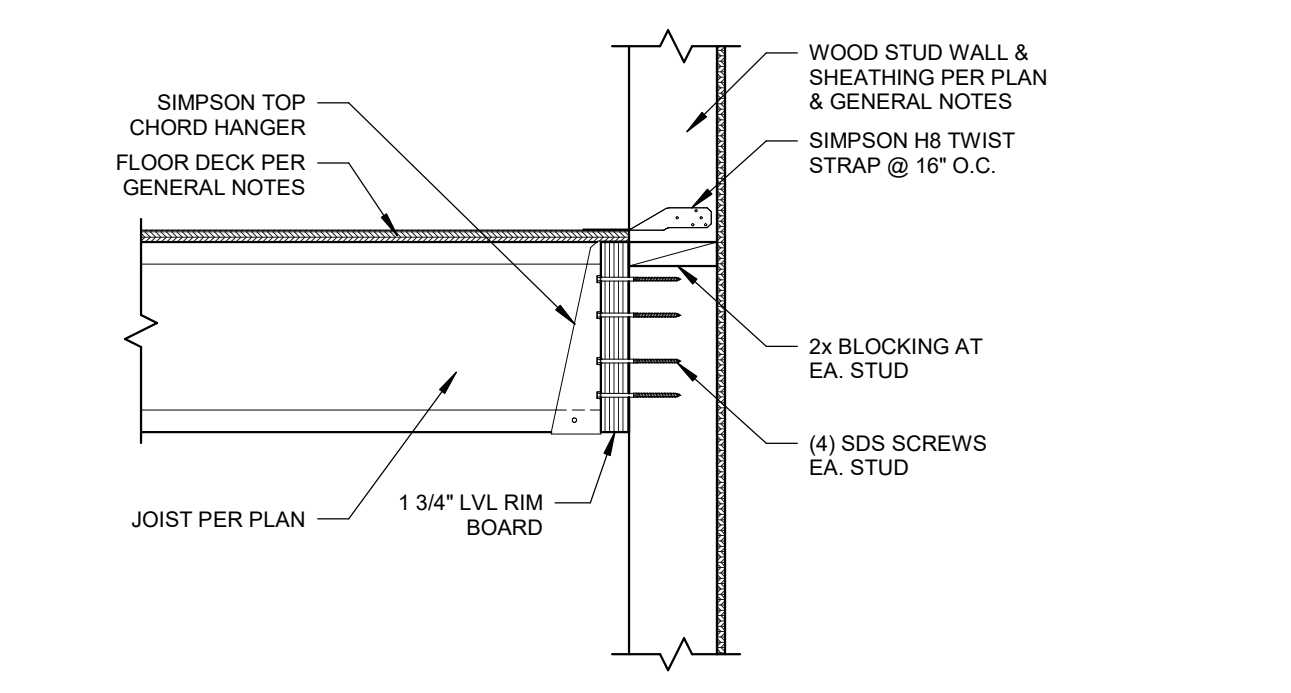
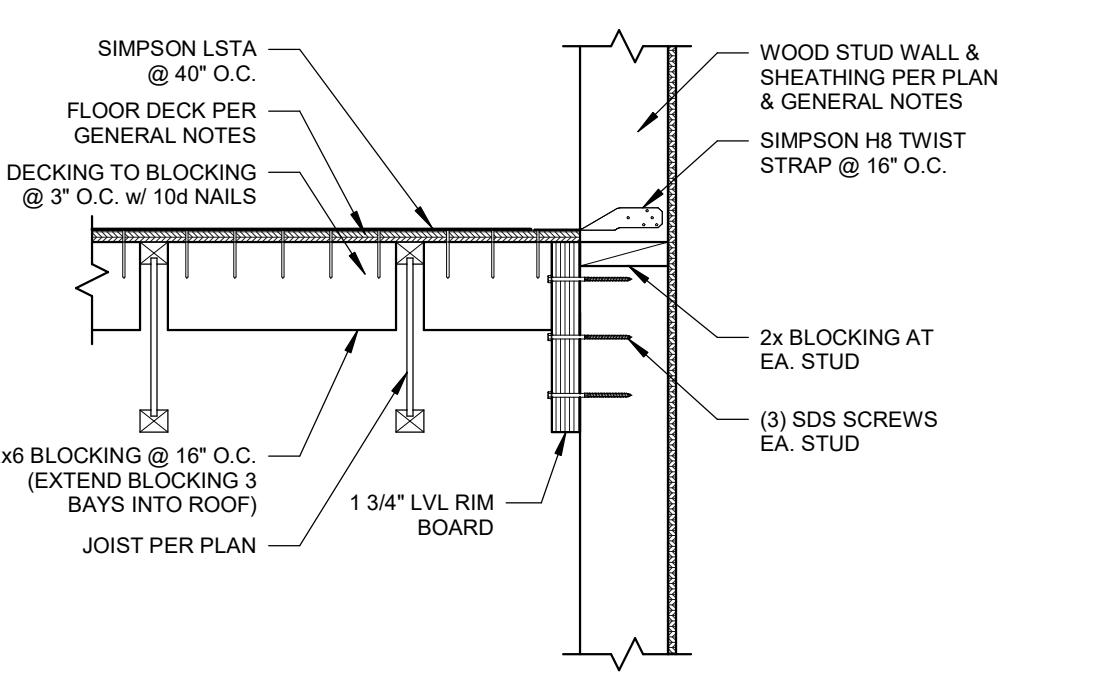
18 CORRIDOR DETAIL AT AREA SEPARATION
1" = 1'-0"



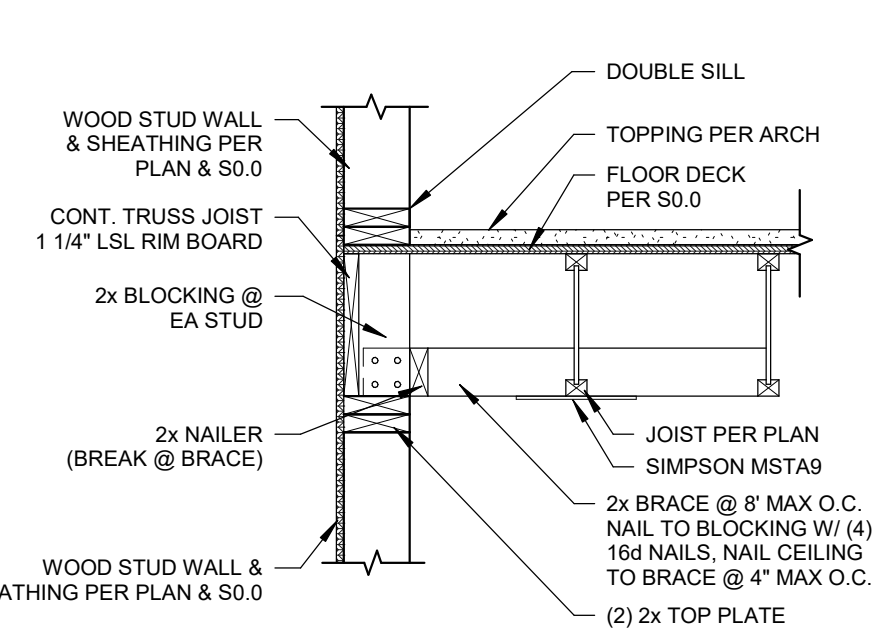
19 JOIST BEARING AT RATED WALL
1" = 1'-0"



20 PARAPET FRAMING DETAIL
1" = 1'-0"



21 JOIST BEARING PARALLEL TO WALL
3/4" = 1'-0"



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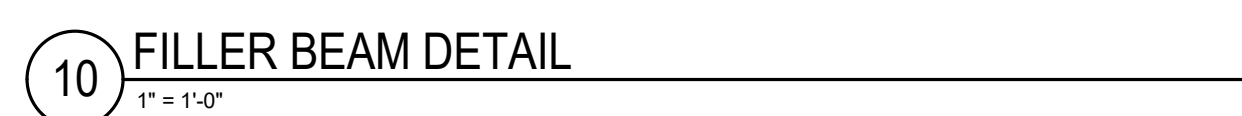
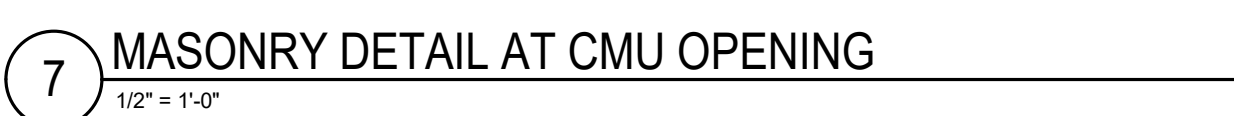
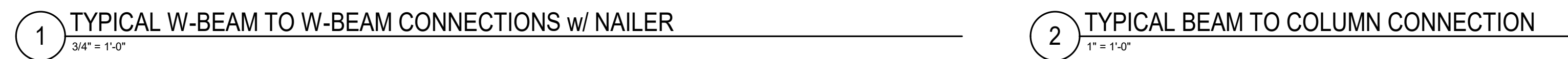
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SPRINGFIELD, MO 65804

No.	Description	Date

S4.1
FRAMING DETAILS

project #: 22-169

date: 5.22.2023



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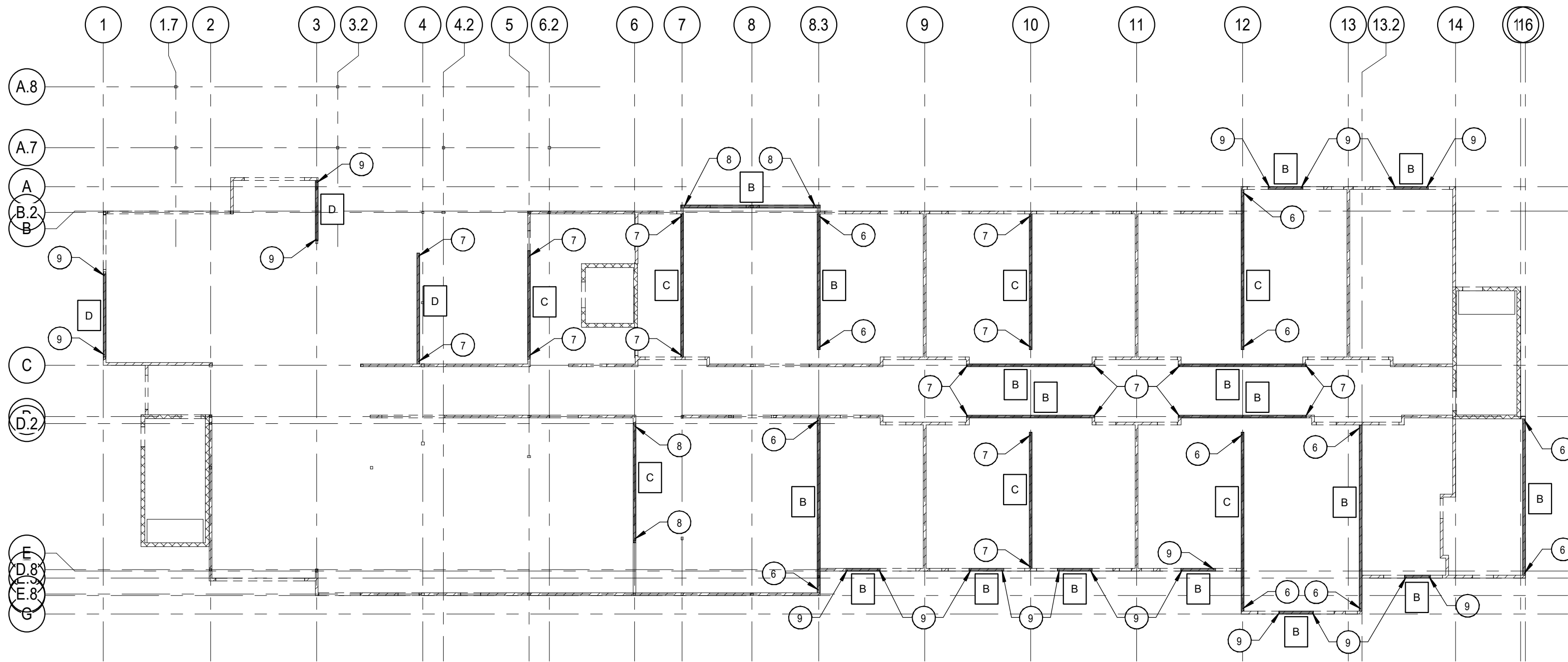
No.	Description	Date

S4.2

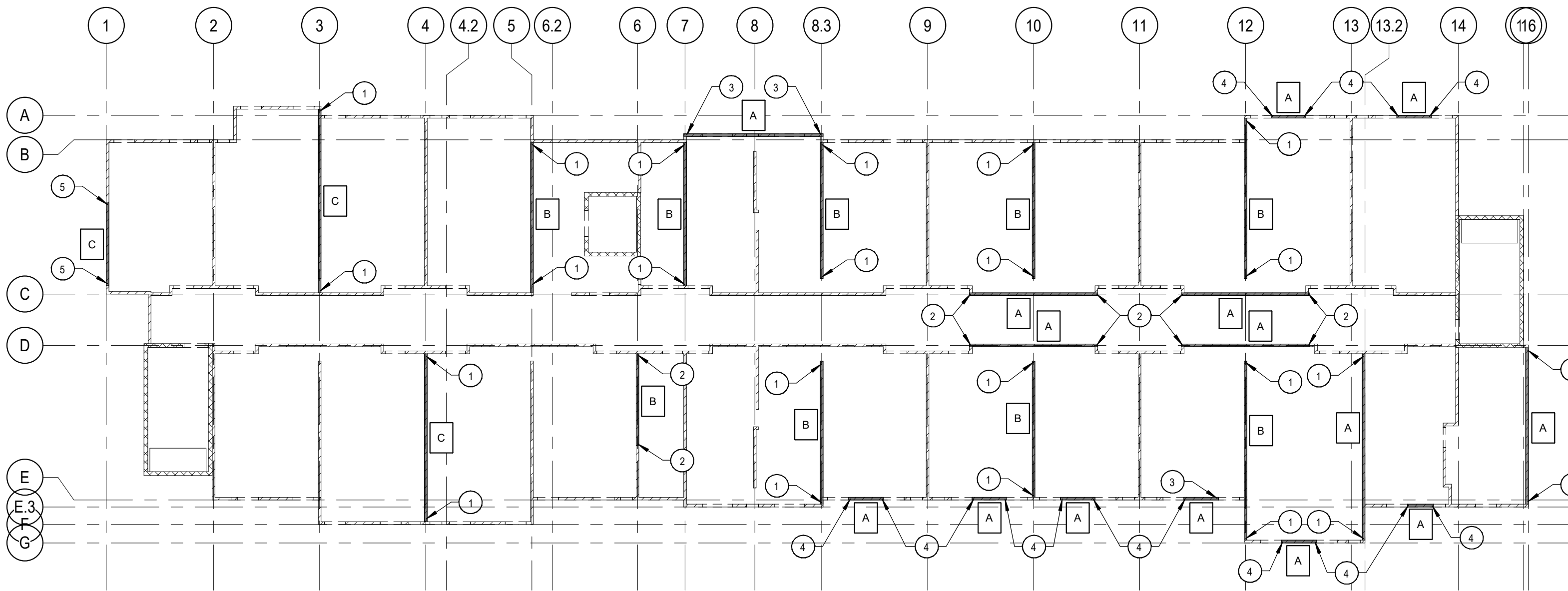
FRAMING DETAILS

project #: 22-169

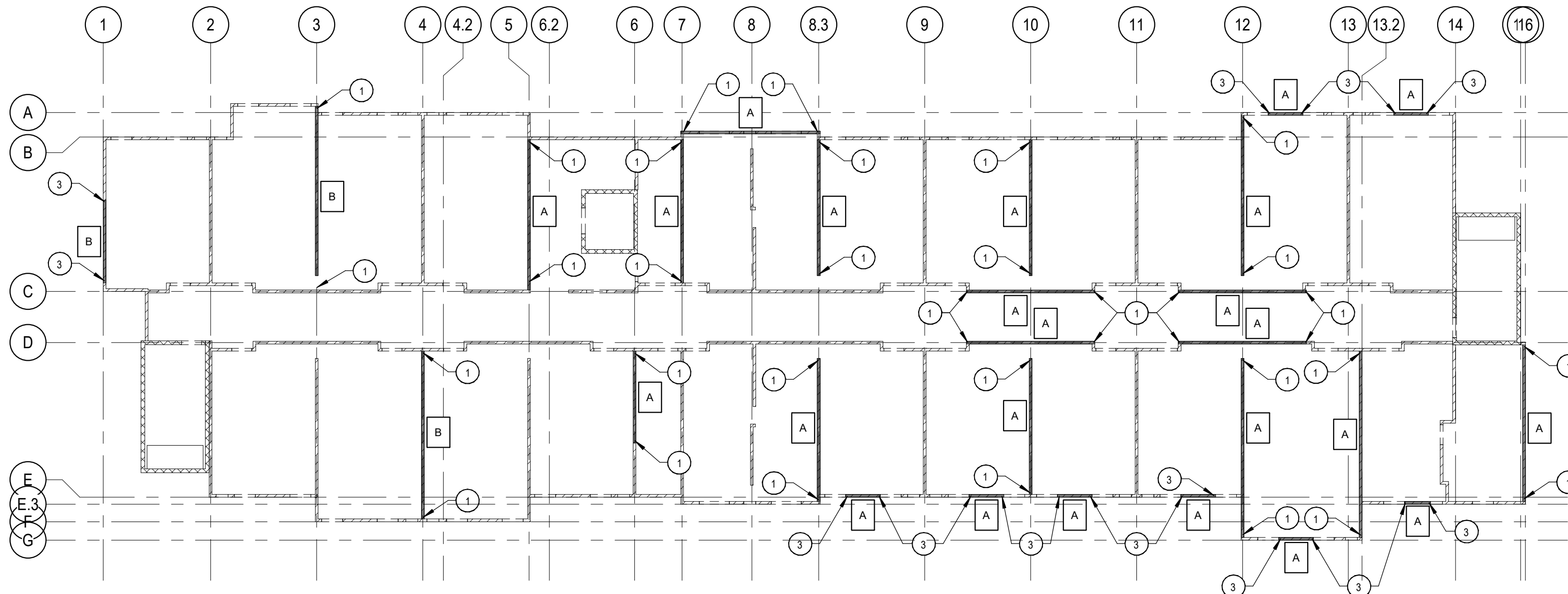
date: 5.22.2023



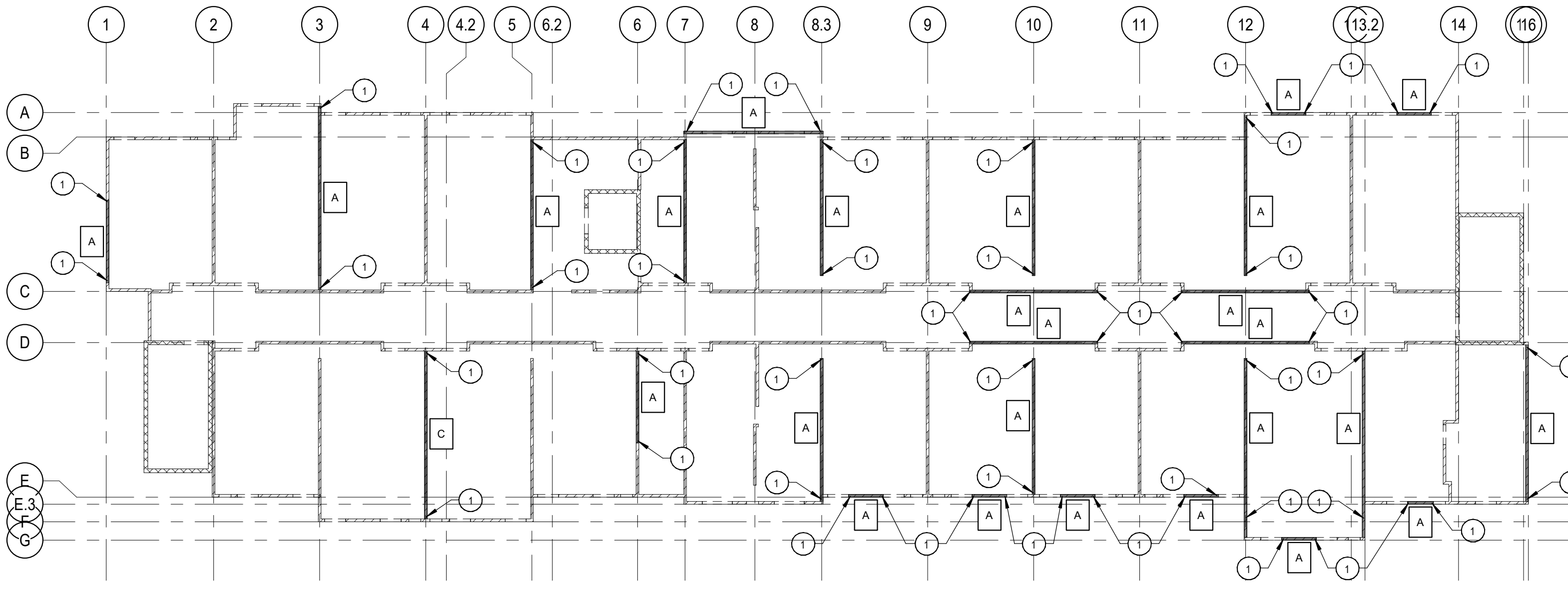
1 FIRST FLOOR SHEAR WALL PLAN
1/16" = 1'-0"



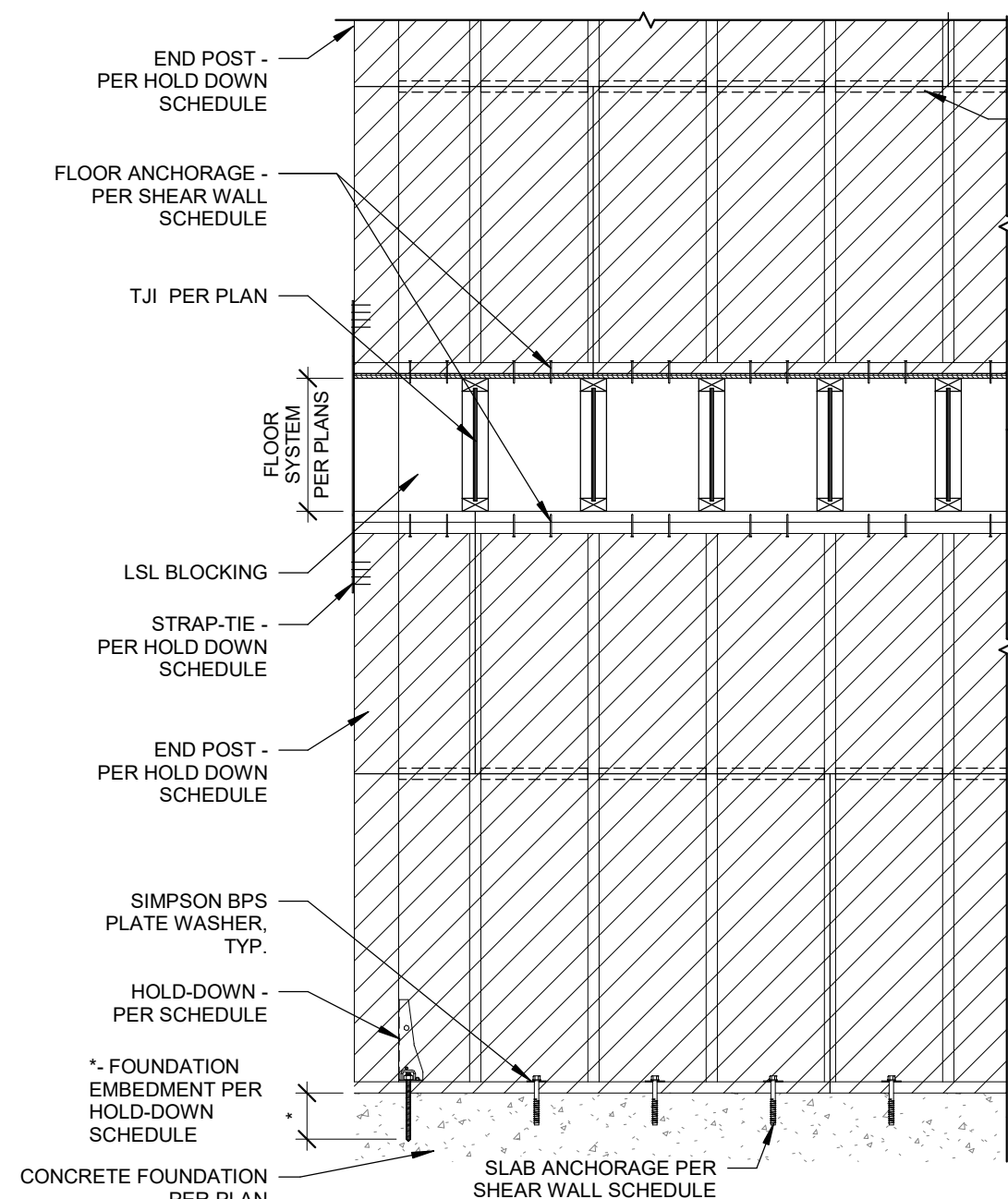
2 SECOND FLOOR SHEAR WALL PLAN
1/16" = 1'-0"



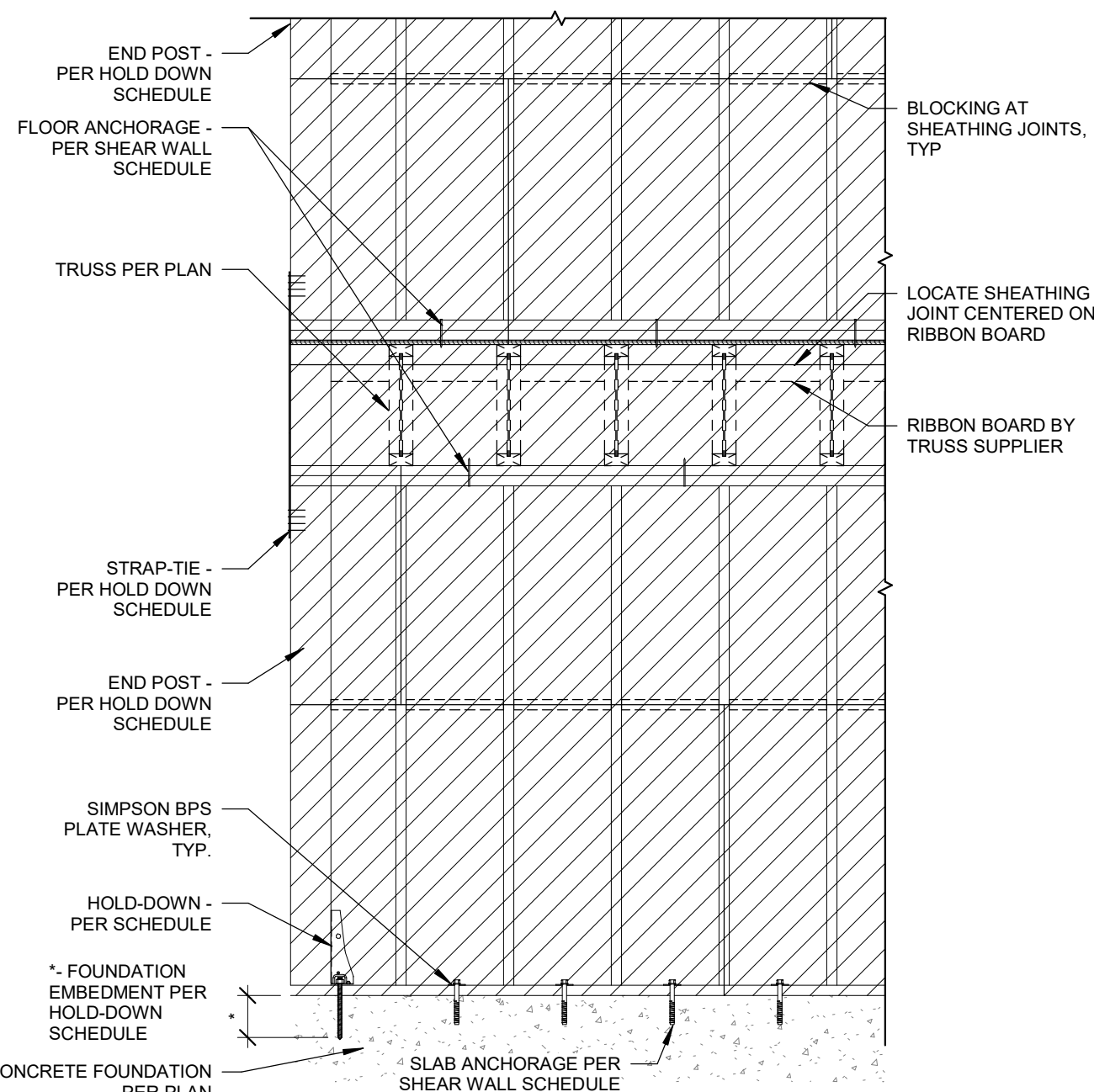
3 THIRD FLOOR SHEAR WALL PLAN
1/16" = 1'-0"



4 FOURTH FLOOR SHEAR WALL PLAN
1/16" = 1'-0"



5 INTERIOR SHEAR WALL (TJI)
1/2" = 1'-0"



6 EXTERIOR SHEAR WALL (TJI)
1/2" = 1'-0"

SHEAR WALL HOLD DOWN AND STRAP TIE SCHEDULE			
TYPE	HOLD DOWN	QTY OF STUDS AT HOLD DOWN	No. OF FASTENERS / ANCHOR BOLTS
1	MSTC28	3	(16) 0.148"x3.25" (16d SINKERS)
2	MSTC40	3	(32) 0.148"x3.25" (16d SINKERS)
3	MSTC52	3	(48) 0.148"x3.25" (N16)
4	MST72	3	(62) 0.162"x2.5" (N16)
5	HDU11 (ABOVE AND BELOW)	4	7/8" DIA. ALL-THREAD THRU FLOOR FRAMING
6	HDU2	3	5/8" DIA. ALL-THREAD, DRILL & EPOXY 12"
7	HDU8	3	7/8" DIA. ALL-THREAD, DRILL & EPOXY 12"
8	HDU11	4	1" DIA. ALL-THREAD, DRILL & EPOXY 12"
9	HDU14	6x6 DFL No. 2	1" DIA. ALL-THREAD, DRILL & EPOXY 12"

NOTES:

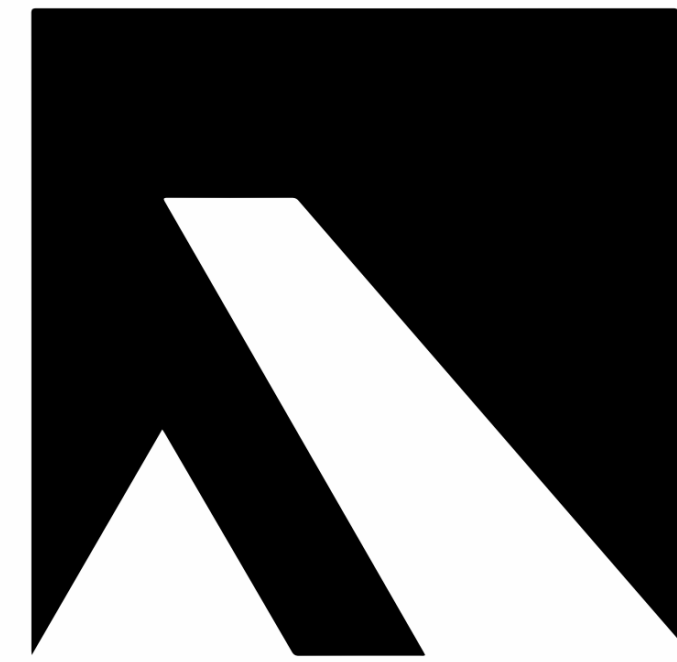
- ALL SHEAR WALL HARDWARE SHALL BE SIMPSON STRONG TIE OR APPROVED EQUAL. HARDWARE REFERRED TO IN SCHEDULE IS BY SIMPSON.
- ALL HARDWARE SHALL BE INSTALLED IN ACCORDANCE WITH ALL MFR RECOMMENDATIONS.
- SEE DETAILS 5 AND 6 ON S5.1 FOR TYPICAL WALL DETAILS.
- WHERE HOLD-DOWNS OCCUR OVER BEAMS, PROVIDE SIMPSON ATS-SBC CONNECTORS FIELD WELDED TO TOP OF BEAM.

LEGEND	
	- HATCH INDICATES SHEAR WALL LOCATIONS
	- SHEAR WALL TYPE
	- HOLD-DOWN MARK

SHEAR WALL SCHEDULE					
TYPE	FASTENERS	PANEL EDGE FASTENER SPACING	PANEL INTERIOR FASTENER SPACING	SINGLE OR DOUBLE SIDED	ANCHORAGE SPACING AT SLAB / ANCHORAGE SPACING AT FLOOR
A	8d COMMON NAILS	6"	12"	S	32"
B	8d COMMON NAILS	4"	12"	S	22"
C	8d COMMON NAILS	3"	12"	S	18"
D	8d COMMON NAILS	2"	12"	S	12"

NOTES:

- SEE DETAILS 5 AND 6 ON S5.1.
- SHEATHING FOR SHEAR WALLS SHALL BE 7/16" APA RATED 32/16 PLYWOOD OR OSB PANELS.
- PROVIDE BLOCKING AT ALL SHEAR WALL SHEATHING PANEL EDGES.
- FOR SINGLE SIDED SHEAR WALLS, SHEATHING SHALL BE LOCATED ON THE SIDE OF WALL NEAREST THE CALLOUT.
- SLAB ANCHORAGE TO SLAB ON GRADE SHALL BE 5/8" DIA. BY 8 INCH LONG SIMPSON TITEN HD SCREW ANCHORS AT SPACING INDICATED.
- PROVIDE SIMPSON BPS PLATE WASHERS AT ALL ANCHORS TO SLAB ON GRADE.
- TYPICAL PLATE ANCHORAGE TO FLOOR FRAMING SHALL BE 1/4" DIA. BY 6 INCH LONG SIMPSON SDS SCREWS AT SPACING INDICATED. (PROVIDE 1/4" DIA. BY 8 INCH LONG SIMPSON SDS SCREWS AT DOUBLE SILL PLATE LOCATIONS)
- * PROVIDE DOUBLE STUDS AT PANEL EDGES WHEN FASTENER SPACING IS LESS THAN 3" O.C.
- WHERE SHEAR WALLS DO NOT EXTEND THE FULL LENGTH OF A WALL, EITHER CONTINUE SHEAR WALL OR SHEATHING OR USE AN EXTRA LAYER OF GYP. TO FLUSH OUT WALL SURFACE.



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STAYBRIDGE SUITES

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Revisions

No.	Description	Date

S5.1
SHEAR WALL PLANS

project #: 22-169

date: 5.22.2023