

DRAWING INDEX

		X	X
S-001	DRAWING INDEX AND LIST OF ABBREVIATIONS	X	X
S-002	GENERAL STRUCTURAL NOTES	X	X
S-003	GENERAL STRUCTURAL NOTES	X	X
S-004	SPECIAL INSPECTIONS	X	X
S-005	SPECIAL INSPECTIONS	X	X
S-121	FOUNDATION PLAN	X	X
S-122	2nd FLOOR FRAMING PLAN	X	X
S-123	2ND FLOOR REFLECTED CEILING PLAN	X	X
S-501	CONCRETE DETAILS	X	X
S-601	DETAILS	X	X
S-602	DETAILS	-	X

ISSUE LOG KEY:

' X ' ISSUED AS PART OF A SET
 ' - ' NOT A PART OF ISSUED SET
 ' * ' FOR INFORMATION ONLY

DATE

12/12/2023
 02/13/2024

ISSUE LOG

DESIGN DEVELOPMENT
 BP

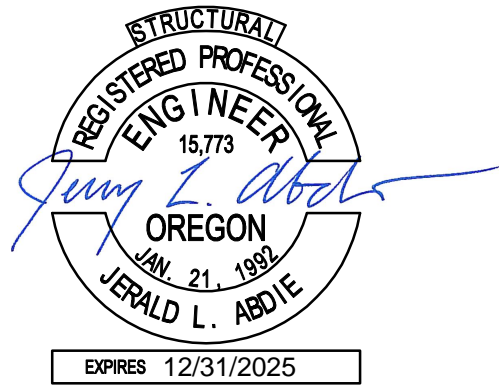
LIST OF ABBREVIATIONS

A.B.	ANCHOR BOLT	GA.	GAUGE	PSF	POUNDS PER SQUARE FOOT
ACI	AMERICAN CONCRETE INSTITUTE	GALV.	GALVANIZED	PSL	PARALLEL STRAND LUMBER
ADDL.	ADDITIONAL	GL	GLULAM	PSI	POUNDS PER SQUARE INCH
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HORIZ.	HORIZONTAL	P/T	POST-TENSIONED
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	HSS	HOLLOW STRUCTURAL STEEL	P.T.	PRESSURE TREATED
ALT.	ALTERNATE	IBC	INTERNATIONAL BUILDING CODE	PVC	POLYVINYL CHLORIDE
ALUM.	ALUMINUM	I.D.	INSIDE DIAMETER	R, RAD.	RADIUS
ARCH.	ARCHITECT / ARCHITECTURAL	IN.	INCHES	RCSC	RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	INT.	INTERIOR	REF.	REFERENCE
ASD	ALLOWABLE STRENGTH DESIGN LOAD LEVEL	K	KIPS	RET.	RETURN
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	KSF	KIPS PER SQUARE FOOT	REINF.	REINFORCING
AWS	AMERICAN WELDING SOCIETY	KSI	KIPS PER SQUARE INCH	REQ'D.	REQUIRED
BLDG.	BUILDING	LBS.	POUNDS	REQ'MTS.	REQUIREMENTS
BOT.	BOTTOM	LL.	LIVE LOAD	SCHED.	SCHEDULE
BRBF	BUCKLING RESTRAINED BRACED FRAME	LLH	LONG LEG HORIZONTAL	S.C.	SLIP CRITICAL
C.G.	CENTER OF GRAVITY	LLV	LONG LEG VERTICAL	SCL	STRUCTURAL COMPOSITE LUMBER
C.I.P.	CAST IN PLACE	LOC.	LOCATION	SIM.	SIMILAR
C.J.	CONTROL JOINT	LONG.	LONGITUDINAL	SLFS	SEISMIC FORCE RESISTING SYSTEM
C.J.P.	COMPLETE JOINT PENETRATION	LSL	LAMINATED STRAND LUMBER	S.O.G.	SLAB ON GRADE
CL	CENTERLINE	LVF	LOW VELOCITY FASTENER	SPEC.	SPECIFICATION
CLR.	CLEAR	LVL	LAMINATED VENEER LUMBER	SQ.	SQUARE
CLT	CROSS LAMINATED TIMBER	MAX.	MAXIMUM	SS	STAINLESS STEEL
CMU	CONCRETE MASONRY UNIT	MBMA	METAL BUILDING MANUFACTURERS ASSOCIATION	SSMA	STEEL STUD MANUFACTURERS ASSOCIATION
COL.	COLUMN	MECH.	MECHANICAL	STD.	STANDARD
CONC.	CONCRETE	MEPF	MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SAFETY	STRUCT.	STRUCTURAL
CONN.	CONNECTION	MFR.	MANUFACTURER	SYM.	SYMMETRICAL
CONST.	CONSTRUCTION	MIN.	MINIMUM	THRU	THROUGH
CONT.	CONTINUOUS	MISC.	MISCELLANEOUS	T&G	TONGUE AND GROOVE
db	BAR DIAMETER	MPH	MILES PER HOUR	TRANS.	TRANSVERSE
DBA	DEFORMED BAR ANCHOR	MPP	MASS PLYWOOD PANELS	TS	LIGHT GAUGE TUBE STEEL
DET.	DETAIL	MT	MAGNETIC PARTICLE TESTING	TYP.	TYPICAL
DIA., Ø	DIAMETER	(N)	NEW	U.N.O.	UNLESS NOTED OTHERWISE
DIAG.	DIAGONAL	N.I.C.	NOT IN CONTRACT	U.T.	ULTRASONIC TESTING
D.L.	DEAD LOAD	NLT	NAIL LAMINATED TIMBER	ULT.	ULTIMATE STRENGTH DESIGN LOAD LEVEL
DLT	DOWEL LAMINATED TIMBER	NOM.	NOMINAL	VERT.	VERTICAL
DWG.	DRAWING	NO.	NUMBER	V.I.F.	VERIFY IN FIELD
ELEC.	ELECTRICAL	N.T.S.	NOT TO SCALE	w/	WITH
EL.	ELEVATION	o.c.	ON CENTER	WF	WIDE FLANGE
EQ.	EQUAL	O.D.	OUTSIDE DIAMETER	w/o	WITHOUT
EXIST., (E)	EXISTING	OPP.	OPPOSITE	W.P.	WORK POINT
EXP.	EXPANSION	OSL	ORIENTED STRAND LUMBER	WPS	WELDING PROCEDURE SPECIFICATION
EXT.	EXTERIOR	OWJ	OPEN WEB JOIST	WWF	WELDED WIRE FABRIC
FDN.	FOUNDATION	PAF	POWDER ACTUATED FASTENER		
FIN.	FINISH	PART.	PARTITION		
FLR.	FLOOR	PIC	PRECAST		
FRT	FIRE RETARDANT TREATED	PCF	POUNDS PER CUBIC FOOT		
FT.	FOOT	PERIM.	PERIMETER		
FTG.	FOOTING	PL	PLATE		
		PP	PARTIAL PENETRATION		

ROWELL BROKAW

1203 Willamette Street
 Suite 210
 Eugene, Oregon 97401
 541 485 1003
 rowellbrokaw.com

Architecture. Design. Strategy.



REVISIONS TO THIS SHEET

REV. DATE DESCRIPTION

SET ISSUE DATE

BP	2024-02-13
100% DD	2023-12-15
100% SD	2023-10-28

PROJECT TRACKING

RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
 CORVALLIS OR 97333**

**DRAWING INDEX AND
 LIST OF
 ABBREVIATIONS**

S-001

SAWN LUMBER

SAWN LUMBER SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE CURRENTLY ACCEPTED NATIONAL DESIGN SPECIFICATION (NDS) DESIGN VALUES FOR WOOD CONSTRUCTION AND CONFORMING TO THE WEST COAST LUMBER INSPECTION BUREAU OR WESTERN WOOD PRODUCTS ASSOCIATION GRADING RULES. LUMBER SHALL BE THE SPECIES, GRADE, AND MOISTURE CONTENT NOTED BELOW, U.N.O.:

USE	SPECIES AND GRADE	MOISTURE CONTENT
LUMBER 2" TO 4" THICK x 5" OR WIDER (JOISTS/RAFTERS)	DOUGLAS FIR-LARCH NO. 2 & BTR	MC 15, KD
LUMBER 2" TO 3" THICK x 4" TO 6" WIDE (STUDS)	DOUGLAS FIR-LARCH STUD	S-DRY, MC 15, KD
LUMBER 5x5 AND GREATER (BEAMS)	DOUGLAS FIR-LARCH NO. 1	MC 15, KD, S-DRY
LUMBER 5x5 AND GREATER (POSTS)	DOUGLAS FIR-LARCH NO. 1	S-DRY
T&G DECKING	DOUGLAS FIR-LARCH COMMERCIAL DEX	S-DRY, MC 15, KD

ALL LUMBER IN CONTACT WITH CONCRETE OR CMU SHALL BE PRESERVATIVE TREATED, UNLESS AN APPROVED MOISTURE BARRIER IS PROVIDED.

CUTTING AND NOTCHING OF JOISTS AND STUDS SHALL CONFORM TO THE TYPICAL WOOD DETAILS PROVIDED OR OSSC SECTIONS 2308.4.2.4, 2308.5.9 AND 2308.7.4 WHERE NO DETAILS ARE SPECIFIED.

SALVAGED LUMBER IS ACCEPTABLE PROVIDED IT IS GRADED BY AN APPROVED GRADING AGENCY PRIOR TO USE AND MEETS A MINIMUM ALLOWABLE BENDING STRESS (Fb) OF 1,000 PSI. CONTRACTOR TO SUBMIT A GRADING REPORT ON EACH MEMBER TO THE ARCHITECT PRIOR TO INSTALLATION.

LUMBER FASTENERS AND ACCESSORIES

FRAMING ACCESSORIES INDICATED SHALL BE MANUFACTURED BY SIMPSON STRONG TIE (OR APPROVED EQUAL) AND OF THE SIZE AND TYPE SPECIFIED. ALL NAIL HOLES SHALL BE FILLED WITH STRUCTURAL FASTENERS, UNLESS NOTED OTHERWISE ON THE DRAWINGS AND FASTENERS SHALL BE INSTALLED FOLLOWING ALL MANUFACTURERS REQUIREMENTS. ACCESSORIES SHALL BE GALVANIZED UNLESS INDICATED OTHERWISE. PROVIDE G90 COATING EXCEPT WHERE IN CONTACT WITH PRESERVATIVE OR FIRE RETARDANT TREATED WOOD IN WHICH CASE G185 SHALL BE PROVIDED. SUBMIT SUBSTITUTION REQUESTS TO ARCHITECT FOR APPROVAL OUTLINING THE FRAMING ACCESSORIES BEING REPLACED AND THE SUBSTITUTED FRAMING ACCESSORIES. ALLOWABLE LOADS FOR THE SPECIFIED ACCESSORIES SHALL BE TABULATED ALONG WITH THE ALLOWABLE LOADS FOR THE SUBSTITUTED ACCESSORIES. SUBSTITUTION REQUESTS WILL ONLY BE APPROVED WHERE SUBSTITUTED PRODUCTS ARE CLEARLY DOCUMENTED TO HAVE EQUAL OR GREATER CAPACITY IN ALL DIRECTIONS.

ALL FRAMING NAILS SHALL BE THE SIZE AND QUANTITY INDICATED AND CONFORM TO ASTM F 1667, INCLUDING SUPPLEMENT 1, "STANDARD SPECIFICATION OF DRIVEN FASTENERS: NAILS, SPIKES, AND STAPLES" AND ICC-ES REPORT ESR-1539 "POWER-DRIVEN STAPLES AND NAIL S". NAILS SHALL BE IDENTIFIED BY LABELS (ATTACHED TO THEIR CONTAINERS) THAT SHOW THE MANUFACTURER'S NAME AND ICC-ES REPORT NUMBER, NAIL SHANK DIAMETER AND LENGTH AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FRAMING. NAILING NOT SHOWN SHALL BE AS INDICATED IN OSSC TABLE 2304.10.1 OR ICC ESR-1539. THE FOLLOWING NAIL SIZES SHALL BE USED WITH THE NAIL LENGTH DETERMINED BY MINIMUM PENETRATION INTO FRAMING MEMBER:

FRAMING NAILS		
NAIL TYPE	SHANK DIAMETER (IN.)	MINIMUM PENETRATION INTO FRAMING MEMBER (IN.)
6d	0.113	1.125
8d	0.131	1.375
10d	0.148	1.5
12d	0.148	1.5
16d	0.148, 0.162	1.5, 1.625

BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. ALL BOLTS AND LAG SCREWS SHALL BE INSTALLED WITH STANDARD CUT WASHERS.

WOOD STRUCTURAL PANELS

THE TERM "WOOD STRUCTURAL PANEL" REFERS TO A WOOD-BASED PANEL PRODUCT BONDED WITH A WATERPROOF ADHESIVE INCLUDING BOTH PLYWOOD AND ORIENTED STRAND BOARD (OSB). WOOD STRUCTURAL PANELS SHALL CONFORM TO U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS PS1 OR PS2 FOR WOOD-BASED STRUCTURAL USE PANELS, OR APA PERFORMANCE STANDARD PRP-108 (ICC-ES ESR-2586). PANELS SHALL BE APA RATED SHEATHING OR APA RATED STURD-FLOOR, EXTERIOR OR EXPOSURE 1, OF THE THICKNESS AND SPAN RATING SHOWN ON THE DRAWINGS. PANELS SHALL BE STAMPED WITH THE APA TRADEMARK.

WOOD STRUCTURAL PANEL INSTALLATION SHALL BE IN CONFORMANCE WITH APA RECOMMENDATIONS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES, UNLESS OTHERWISE INDICATED OR RECOMMENDED BY THE PANEL MANUFACTURER.

ALL ROOF SHEATHING AND FLOOR SHEATHING SHALL BE INSTALLED WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS, EXCEPT AS INDICATED ON THE DRAWINGS. ROOF SHEATHING SHALL EITHER BE BLOCKED, TONGUE-AND-GROOVE, OR HAVE EDGES SUPPORTED BY PLYCLIPS. WHERE BLOCKING IS SPECIFICALLY INDICATED ON THE DRAWINGS, T&G EDGES OR PLYCLIPS MAY NOT BE SUBSTITUTED. SHEATHING SHALL BE UNBLOCKED, EXCEPT AS INDICATED ON DRAWINGS. FLOOR SHEATHING SHALL BE FIELD GLUED TO THE FRAMING USING ADHESIVES MEETING APA SPECIFICATION AFG-01 OR ASTM D3498. TONGUE AND GROOVE PANELS SHALL ALSO BE GLUED AT THE T&G JOINT.

SHEAR WALL SHEATHING SHALL BE INSTALLED EITHER HORIZONTALLY OR VERTICALLY AND BE BLOCKED WITH 2x FRAMING AT ALL PANEL EDGES. NAILING NOT SHOWN SHALL BE AS INDICATED IN OSSC TABLE 2304.10.1.

GLUED-LAMINATED MEMBERS

GLUED-LAMINATED (GLULAM) MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH CURRENT ANSI STANDARD A190.1, AMERICAN NATIONAL STANDARD FOR STRUCTURAL GLUED LAMINATED TIMBER OR OTHER CODE-APPROVED DESIGN, MANUFACTURING AND/OR QUALITY ASSURANCE PROCEDURES. EACH MEMBER SHALL BEAR AN AITC OR APA-EWS IDENTIFICATION MARK OR BE ACCOMPANIED BY A CERTIFICATE OF CONFORMANCE. APA-EWS MARKS TO BE PLACED ON SURFACES NOT EXPOSED IN COMPLETED CONSTRUCTION. ONE COAT OF END SEALER SHALL BE APPLIED IMMEDIATELY AFTER TRIMMING IN EITHER THE SHOP OR IN THE FIELD.

GLULAM MEMBERS SHALL BE INDUSTRIAL (HIDDEN) APPEARANCE CLASSIFICATION, REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

GLULAM MEMBERS SHALL BE OF MINIMUM ALLOWABLE DESIGN PROPERTIES AS ESTABLISHED BY ASTM D3737:

GLUED-LAMINATED BEAMS				
COMBINATION SYMBOL (SPECIES)	FLEXURAL STRESS, Fb (PSI)	HORIZONTAL SHEAR STRESS Fv (PSI)	COMPRESSION STRESS PERP TO GRAIN Fc,perp (PSI)	MODULUS OF ELASTICITY (PSI)
24F-V4 (DF/DF) (SIMPLE SPAN)	+2,400 / -1,850	265	650	1,800,000
24F-V8 (DF/DF) (CONTINUOUS OR CANTILEVER)	2,400	265	650	1,800,000

REFERENCE SPECIFICATIONS FOR FABRICATION AND MILLING TOLERANCES FOR TIMBER SIZES, HOLES, AND CONNECTIONS. CONNECTIONS SHALL BE SHOP FABRICATED TO GREATEST EXTENT INCLUDING CUTTING TO LENGTH AND DRILLING HOLES.

NOTCHES, DAPS, HOLES, ETC. SHALL BE REPRESENTED ON SHOP DRAWINGS FOR REVIEW BY SEOR. FIELD NOTCHING AND BORING OF GLULAM MEMBERS IS NOT ALLOWED UNLESS APPROVED BY SEOR.

GLULAM PRODUCTS SHALL CONTAIN AVERAGE MOISTURE CONTENT OF 16% OR LESS AT TIME OF MANUFACTURE. REFERENCE SPECIFICATIONS FOR ALLOWED DIMENSIONAL TOLERANCES AT TIME OF MANUFACTURE.

3x TONGUE-AND-GROOVE DECKING

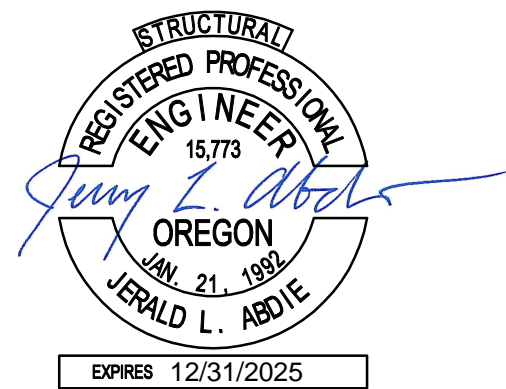
TONGUE-AND-GROOVE DECK SHALL SPAN BETWEEN SUPPORTS. FOR 2-SPAN CONDITION, DECKING MAY HAVE A JOINT ALIGNED OVER THE MIDDLE SUPPORT. WHERE DECKING OVERHANGS A SUPPORT, NO JOINT IS PERMITTED.

DECKING SHALL BE INSTALLED WITH TONGUES UP ON SLOPED OR PITCHED ROOFS AND WITH PATTERN FACES DOWN. EACH PIECE SHALL BE TOE NAILED THROUGH THE TONGUE AT EACH SUPPORT WITH ONE 40d COMMON NAIL AND FACE NAILED AT EACH SUPPORT WITH ONE 60d COMMON NAIL. COURSES SHALL BE SPIKED TO EACH OTHER WITH 8 INCH SPIKES AT INTERVALS NOT EXCEEDING 30 INCHES THROUGH PREDRILLED EDGE HOLES AND WITH ONE SPIKE AT A DISTANCE NOT EXCEEDING 10 INCHES FROM EACH END OF EACH PIECE.

ROWELL BROKAW

1203 Willamette Street
Suite 210
Eugene, Oregon 97401
541 485 1003
rowellbrokaw.com

Architecture. Design. Strategy.



REVISIONS TO THIS SHEET

REV. DATE DESCRIPTION

SET ISSUE DATE

BP	2024-02-13
100% DD	2023-12-15
100% SD	2023-10-28

PROJECT TRACKING

RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

GENERAL STRUCTURAL NOTES

S-003

STATEMENT OF SPECIAL INSPECTION NOTES:

- SPECIAL INSPECTIONS SHALL CONFORM TO SECTION 1705 OF THE 2019 OSSC, CONTRACT DOCUMENTS AND APPROVED SUBMITTALS. REFER TO SPECIAL INSPECTION AND TESTING TABLES FOR PROJECT REQUIREMENTS.
- SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED ACCREDITED INDEPENDENT AGENCY MEETING THE REQUIREMENTS OF ASTM E329 (MATERIALS). THE INSPECTION AND TESTING AGENCY SHALL FURNISH TO THE STRUCTURAL ENGINEER AND ARCHITECT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE APPROVED BY THE BUILDING OFFICIAL. WELDING INSPECTORS SHALL BE QUALIFIED PER SECTION 6.1.4.1(1) OF AWS D1.1.
- THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR, AND OWNER. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
- QUALITY ASSURANCE (QA) IS REQUIRED FOR STRUCTURAL STEEL ITEMS PER AISC 360 AND 341 UNLESS SPECIFICALLY NOTED OTHERWISE. QUALITY CONTROL (QC) TO BE PROVIDED BY THE FABRICATOR, ERECTOR OR OTHER RESPONSIBLE CONTRACTOR AS APPLICABLE. CONTRACTOR AND SPECIAL INSPECTOR TO DOCUMENT QUALITY CONTROL AS REQUIRED IN AISC 360 SECTION N3 AND AISC 341 SECTION J2.
- INSPECTION TYPES:**
 CONTINUOUS : THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
 PERIODIC : THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
 OBSERVE : OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
 PERFORM : INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.
- PERFORM INSPECTION PRIOR TO FINAL ACCEPTANCE OF THE ITEM FOR TEN WELDS TO BE MADE BY A GIVEN WELDER. WITH THE WELDER DEMONSTRATING UNDERSTANDING OF REQUIREMENTS AND POSSESSION OF SKILLS AND TOOLS TO VERIFY THESE ITEMS. THE PERFORM DESIGNATION OF THIS TASK SHALL BE REDUCED TO OBSERVE, AND THE WELDER SHALL PERFORM THIS TASK. SHOULD THE INSPECTOR DETERMINE THAT THE WELDER HAS DISCONTINUED PERFORMANCE OF THIS TASK, THE TASK SHALL BE RETURNED TO PERFORM UNTIL SUCH TIME AS THE INSPECTOR HAS RE-ESTABLISHED ADEQUATE ASSURANCE THAT THE WELDER WILL PERFORM THE INSPECTION TASKS LISTED.
- SPECIAL INSPECTION OF MECHANICAL POST INSTALLED ANCHORS SHALL BE IN STRICT CONFORMANCE WITH THE ICC REPORT AND MANUFACTURER'S INSTALLATION REQUIREMENTS. ANCHOR INSTALLERS SHALL BE QUALIFIED AS REQUIRED BY JURISDICTION REQUIREMENTS.
 - INSPECTION REPORTS SHALL IDENTIFY NAMES OF INSTALLERS.
 - SPECIAL INSPECTOR SHALL PROVIDE DOCUMENTATION AT THE END OF ANCHOR INSTALLATIONS STATING THAT THE ANCHORS WERE INSPECTED PER APPROVED ANCHOR EVALUATION REPORT.
- TESTING ABBREVIATIONS:**
 NDT - NON-DESTRUCTIVE TESTING

GENERAL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
FABRICATORS	1705.10 1704.2.5				SPECIAL INSPECTION IS REQUIRED FOR STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES FABRICATED ON THE PREMISES OF A FABRICATOR'S SHOP. SPECIAL INSPECTIONS SHALL BE PERFORMED DURING FABRICATION. PERFORMING SPECIAL INSPECTIONS IS NOT REQUIRED, WHERE FABRICATOR HAS BEEN APPROVED AS AN APPROVED FABRICATOR, PER SECTION 1704.2.5.1.
DEFERRED SUBMITTALS				X	SPECIAL INSPECTION REQUIREMENTS FOR DEFERRED SUBMITTAL ITEMS, INCLUDING REQUIREMENTS FOR DESIGNATED SEISMIC SYSTEMS IN ACCORDANCE WITH OSSC SECTION 1705.12.4 IF APPLICABLE. TO BE SPECIFIED BY THE SYSTEM ENGINEER AND INCLUDED WITH DEFERRED SUBMITTAL DOCUMENTS.
SUBMITTALS TO THE BUILDING OFFICIAL	1704.5			X	CERTIFICATES OF COMPLIANCE, REPORTS OF PRE-CONSTRUCTION TESTS, OR REPORTS OF MATERIAL PROPERTIES SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.
POST INSTALLED MECHANICAL ANCHORS AND ADHESIVE ANCHORS (EXCLUDING CONDITIONS NOTED ABOVE) IN HARDENED CONCRETE AND COMPLETED MASONRY				X	

SOILS/GEOTECHNICAL - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARDS REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
SOILS					
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	1705.6	GEOTECHNICAL REPORT		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL				X	
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS				X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL			X		
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY				X	

SOILS/GEOTECHNICAL - TESTING

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
FILL IN-PLACE DENSITY OR PREPARED SUBGRADE DENSITY	1705.6	VARIES: GEOTECHNICAL REPORT OR MINIMUM PER OSSC APPENDIX J107.5, WHICHEVER IS GREATER		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
MATERIAL VERIFICATION		VARIES: CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS		X	BY THE GEOTECHNICAL ENGINEER OR QUALIFIED SPECIAL INSPECTOR
TEST ELEMENTS	1705.6 1705.7		REFERENCE SPECIFICATIONS FOR PERFORMANCE VARIATION AND PROOF LOAD TESTING REQUIREMENTS		BY THE GEOTECHNICAL ENGINEER

CONCRETE - SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
GENERAL	1705.3 1901.6	ACI 318: 26.13			SPECIAL INSPECTIONS OF CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1705.3 OF THE IBC AND SECTION 26.13 OF ACI 318.
REINFORCING STEEL PLACEMENT	1901.5.2	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3, 26.13.3.3		X	REINFORCING TO COMPLY WITH ALL CODE PROTECTION, SPACING AND TOLERANCE LIMITS.
INSPECT ANCHORS/BOLTS CAST IN CONCRETE	-	ACI 318: 17.8.2	X	X	ALL CAST-IN-PLACE ANCHORS/BOLTS SHALL BE VISUALLY INSPECTED. REFERENCE STEEL INSPECTIONS FOR ADDITIONAL INSTALLATION, MATERIAL AND WELDING INSPECTIONS OF STEEL ITEMS EMBEDDED IN CONCRETE (HEADED STUDS, DBA'S, ETC.)
VERIFYING USE OF REQUIRED MIX DESIGN(S)	1904.1 1904.2 1908.2 1908.3	ACI 318: CH. 19, 26.4.3, 26.4.4		X	
CONCRETE SPECIMENS FOR TESTING	1908.10	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	X		PRIOR TO CONCRETE PLACEMENT, FABRICATE CONCRETE SPECIMENS FOR TESTING. SEE THE CONCRETE TESTING TABLE FOR ADDITIONAL INFORMATION.
CONCRETE PLACEMENT	1908.6, 1908.7, 1908.8	ACI 318: 26.5, 26.13.3.2(a)	X		
CONCRETE CURING	1908.9	ACI 318: 26.5.3 - 26.5.5, 26.13.3.3		X	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURES AND TECHNIQUES
VERIFICATION OF FORMWORK		ACI 318: 26.11.1.2(b), 26.13.3.3		X	SPECIAL INSPECTIONS APPLY TO SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED
EMBEDDED ITEMS IN CONCRETE				X	ALL NON-STRUCTURAL EMBEDDED ITEMS, SUCH AS CONDUITS, PIPES AND SLEEVES, SHALL BE REVIEWED FOR CONFORMANCE WITH STRUCTURAL DOCUMENTS FOR SIZE, SPACING, LOCATION, EDGE DISTANCE AND TRIM REINFORCING.

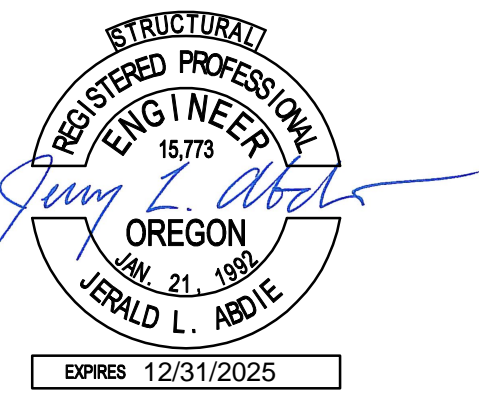
CONCRETE - TESTING

SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)	REMARKS
CONCRETE STRENGTH	1705.3	ASTM C39	EACH 150 CY NOR LESS THAN EACH 5000 SF OF SLAB OR WALL PLACED EACH SHIFT	FABRICATE SPECIMENS AT TIME FRESH CONCRETE IS PLACED
CONCRETE SLUMP	ASTM C172	ASTM C143		
CONCRETE AIR CONTENT	ASTM C 31 ACI 318 26.12	ASTM C231		
CONCRETE TEMPERATURE	ACI 318 26.5	ASTM C1064		

ROWELL BROKAW

1203 Willamette Street
Suite 210
Eugene, Oregon 97401
541 485 1003
rowellbrokaw.com

Architecture. Design. Strategy.



REVISIONS TO THIS SHEET

REV. DATE DESCRIPTION

SET ISSUE DATE

BP 2024-02-13
100% DD 2023-12-15
100% SD 2023-10-28

PROJECT TRACKING

RBA #: 2327
P.I.C: BJ
PM / PA: PK/SL

Owner
OSU FRC

Project Name
AZALEA EARLY CHILDHOOD CENTER
Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

SPECIAL INSPECTIONS

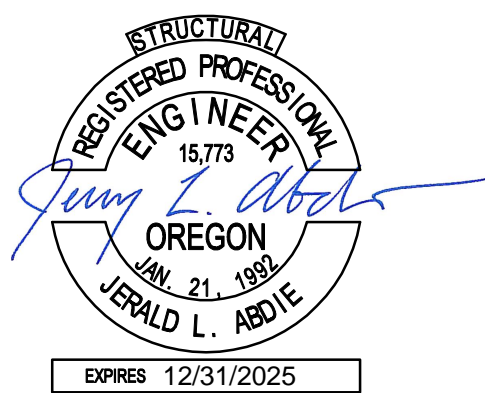
S-004

STEEL - SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	OSSC CODE REFERENCE	CODE OR STANDARD REFERENCE	INSPECTION (NOTES 5 AND 6)		REMARKS
			CONTINUOUS/PERFORM	PERIODIC/OBSERVE	
CONTRACTOR QUALITY CONTROL REQUIREMENTS		AISC 360 CHAPTER N	X	X	CONTRACTOR TO PROVIDE QUALITY CONTROL FOR ALL ITEMS INDICATED TO BE OBSERVED AND/OR PERFORMED IN TABLE BELOW
STEEL FABRICATION					
FABRICATION OF STRUCTURAL ELEMENTS	1704.2.5.1	AISC 360		X	REFER TO INSPECTION OF FABRICATOR REQUIREMENTS
MATERIAL VERIFICATION OF STRUCTURAL STEEL COMPONENTS	1505.2.1 2203.1 TABLE 1705.2	ASTM A6 ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS AISC 360 A3.1 AISC 360 N3.2		X	CERTIFIED MILL TEST REPORTS
MATERIAL VERIFICATION OF ANCHOR BOLTS AND THREADED RODS		AISC 360 A3.4 AISC 360 N3.2 ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS		X	MANUFACTURER'S CERTIFIED TEST REPORTS
MATERIAL VERIFICATION OF WELD FILLER METALS	1705.2.1.1 TABLE 1705.2-5	AISC 360 A3.5 AISC 360 N3.2 APPLICABLE AWS A5 DOCUMENTS		X	MANUFACTURER'S CERTIFIED TEST REPORTS
STRUCTURAL STEEL WELDING					
VERIFYING USE OF PROPER WPS'S	1705.2.1 AWS D1.1	AISC 360 N3.2			RETAIN A RECORD OF WELDING PROCEDURE SPECIFICATIONS
VERIFYING WELDER QUALIFICATIONS		AWS D1.1		X	RETAIN A RECORD OF QUALIFICATION CARDS
SINGLE PASS FILLET WELDS GREATER THAN 5/16"	TABLE 1705.2-6	AWS D1.1 CLAUSE 6	X		ALL WELDS VISUALLY INSPECTED PER AWS D1.16.9
SINGLE PASS FILLET WELDS LESS THAN OR EQUAL TO 5/16"				X	
WELDING STAIR AND RAILING SYSTEMS	1705.2(2.5)	AWS D1.1 CLAUSE 6		X	ALL WELDS VISUALLY INSPECTED PER AWS D1.1 6.9
VERIFICATION OF JOINT & CONNECTION DETAILS INCLUDING MEMBER AND COMPONENT LOCATIONS, BRACING, AND STIFFENERS	TABLE 1705.2-7	AWS D1.1		X	

ROWELL BROKAW

1203 Willamette Street
Suite 210
Eugene, Oregon 97401
541 485 1003
rowellbrokaw.com

Architecture. Design. Strategy.



REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

SET ISSUE	DATE
BP	2024-02-13
100% DD	2023-12-15
100% SD	2023-10-28

PROJECT TRACKING	
RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

SPECIAL INSPECTIONS

S-005

REVISIONS TO THIS SHEET

REV.	DATE	DESCRIPTION

SET ISSUE DATE

SET	ISSUE	DATE
BP		2024-02-13
100% DD		2023-12-15
100% SD		2023-10-28

PROJECT TRACKING

RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

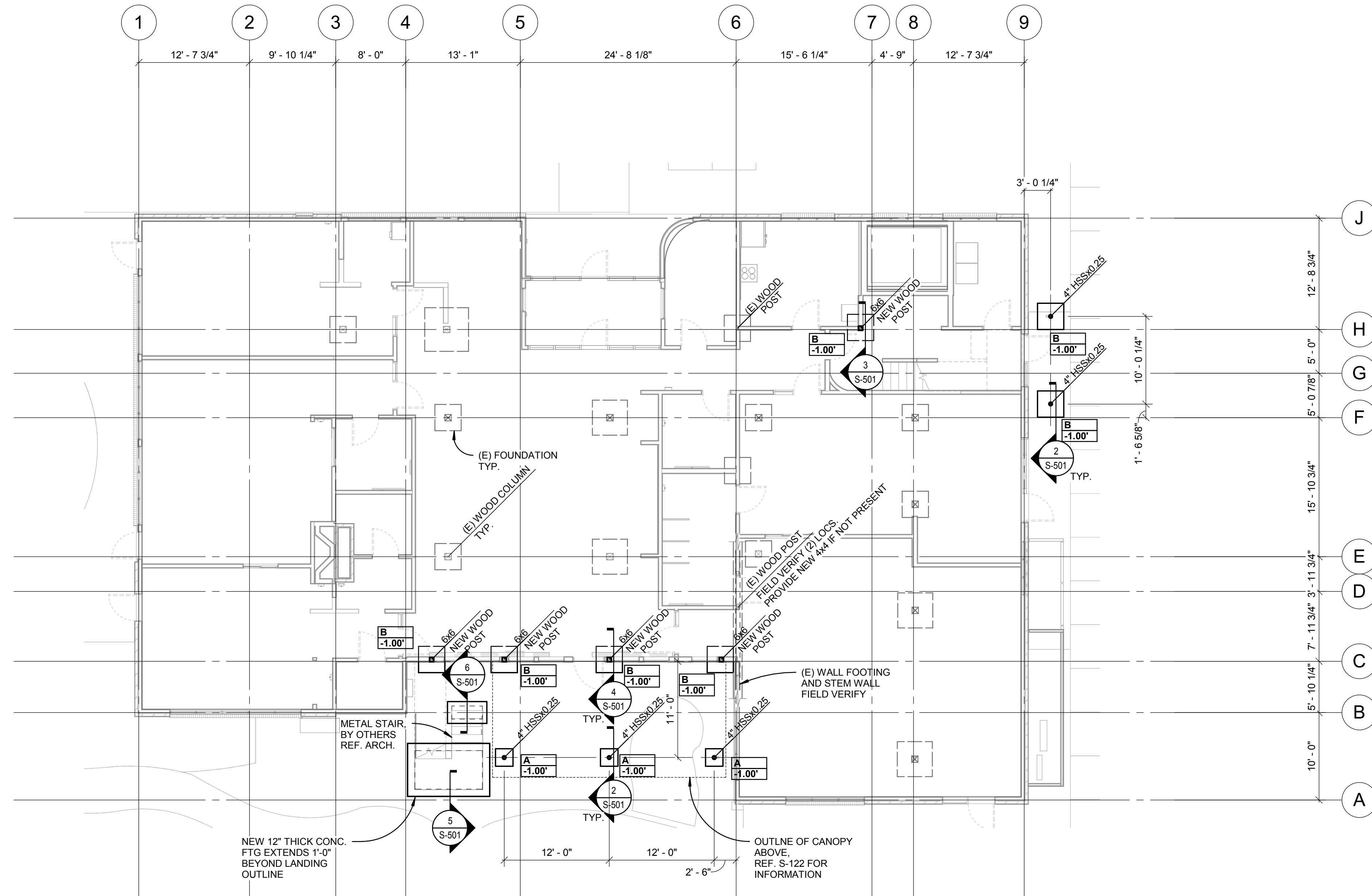
Owner
OSU FRC

Project Name
**AZALEA EARLY CHILDHOOD
CENTER**

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

FOUNDATION PLAN

S-121

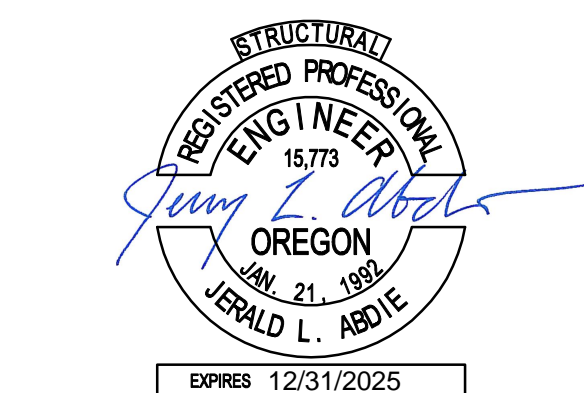


1 FOUNDATION PLAN
1/8" = 1'-0"

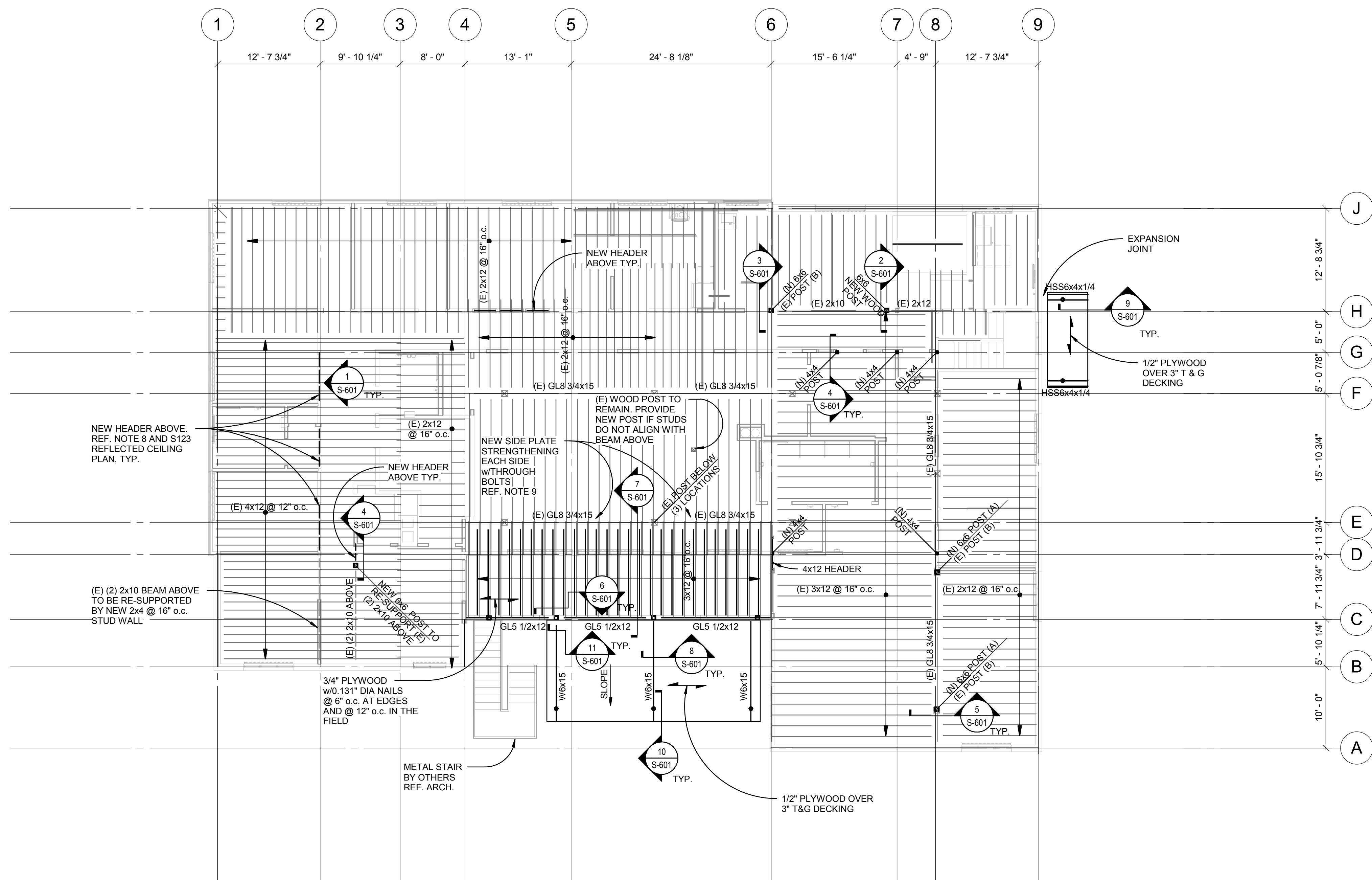
NOTES:

- (E) INDICATES EXISTING.
- (N) INDICATES NEW STRUCTURE.
- INDICATES EXISTING STRUCTURE.
- | |
|--------|
| X |
| XXX.XX |

 INDICATES FOOTING TYPE. REF. SCHEDULE. 1/S-501
INDICATES TOP OF FOOTING ELEVATION.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO FABRICATION AND ERECTION. NOTIFY ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES FROM THOSE SHOWN ON THE DRAWINGS.
- CONTRACTOR TO SHORE ALL EXISTING FRAMING AS REQUIRED FOR DEMOLITION AND RE-FRAMING WORK.
- ALL EXPOSED FRAMING SHALL BE INSPECTED FOR CRACKS AND DAMAGE BY THE CONTRACTOR AND FINDINGS REPORTED TO THE ARCHITECT.



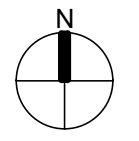
REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION



NOTES:

1. (E) INDICATES EXISTING.
2. (N) INDICATES NEW STRUCTURE.
3. (A) INDICATES ABOVE STRUCTURE.
4. (B) INDICATES BELOW STRUCTURE.
5. ——— INDICATES EXISTING STRUCTURE.
6. ALL EXISTING HALLWAY WALLS ARE BEARING WALLS. REF. DEMO PLANS ON SHEET A100 FOR WALLS BEING REMOVED.
7. PROVIDE TEMPORARY SHOWING WHILE FINAL STRUCTURE IS BEING INSTALLED.
8. REF. 2/S-601 FOR TYPICAL OPENING CONSTRUCTION AND THE SIZES OF ALL HEADERS NOT IDENTIFIED ON THE PLANS. ALL HEADERS SHALL BEAR ON A MINIMUM OF ONE 2x TRIMMER STUD U.N.O. REF. ARCHITECTURAL DRAWINGS FOR OPENING SIZES AND LOCATIONS TYP.
9. WHERE (E) 2ND FLOOR GL. BEAMS ARE NOTED TO BE STRENGTHENED, THIS WORK IS BEING PERFORMED IN GROUND FLOOR CEILING.

1 2ND FLOOR FRAMING PLAN
1/8" = 1'-0"



Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

2nd FLOOR FRAMING PLAN

Owner
OSU FRC

PROJECT TRACKING
RBA #: 2327
P.I.C: BJ
PM / PA: PK/SL

SET	ISSUE	DATE
BP		2024-02-13
100% DD		2023-12-15
100% SD		2023-10-28

REVISIONS TO THIS SHEET		
REV.	DATE	DESCRIPTION

SET ISSUE	DATE
BP	2024-02-13
100% DD	2023-12-15
100% SD	2023-10-28

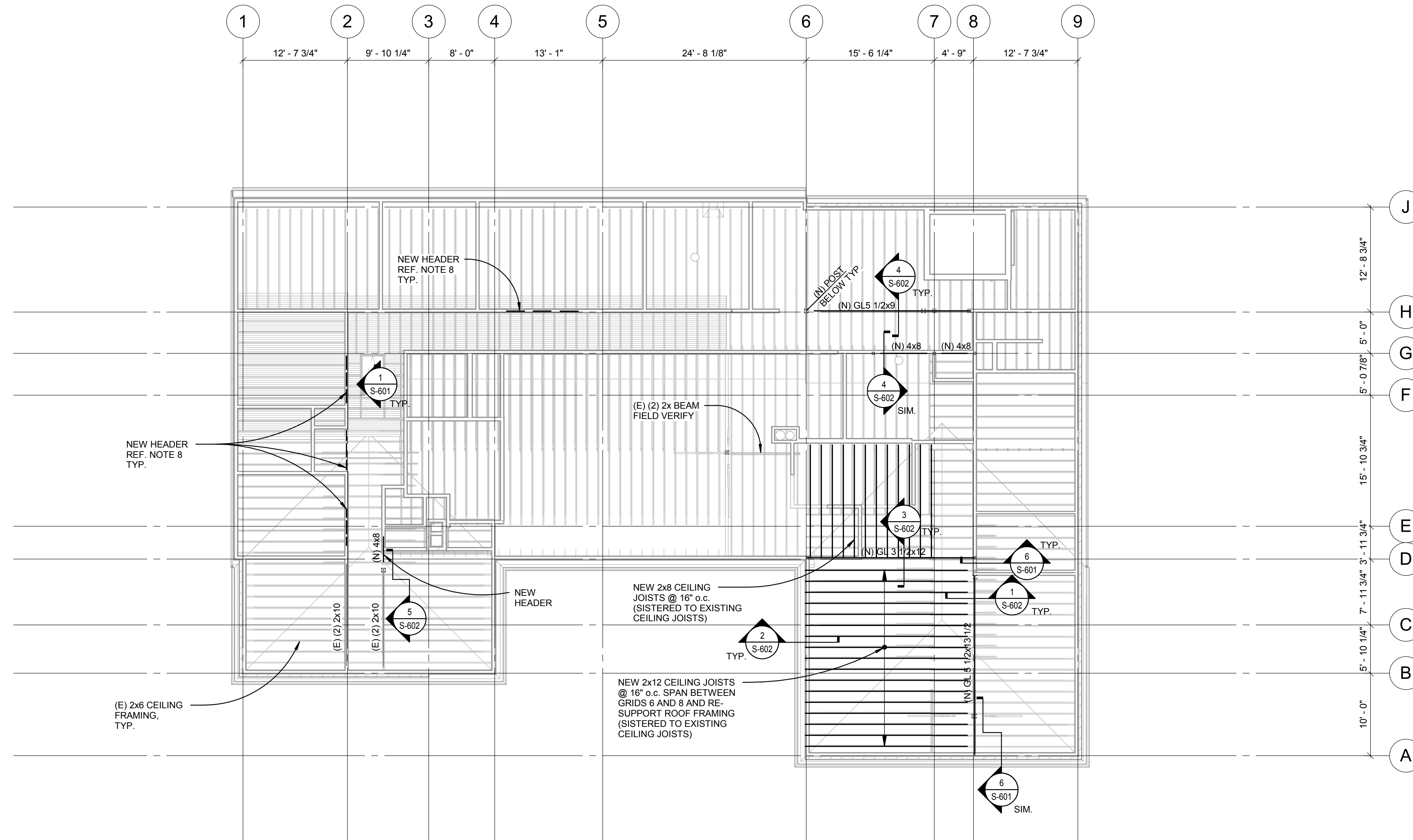
PROJECT TRACKING	
RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

Project Name
**AZALEA EARLY CHILDHOOD
CENTER**
Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

**2ND FLOOR REFLECTED
CEILING PLAN**

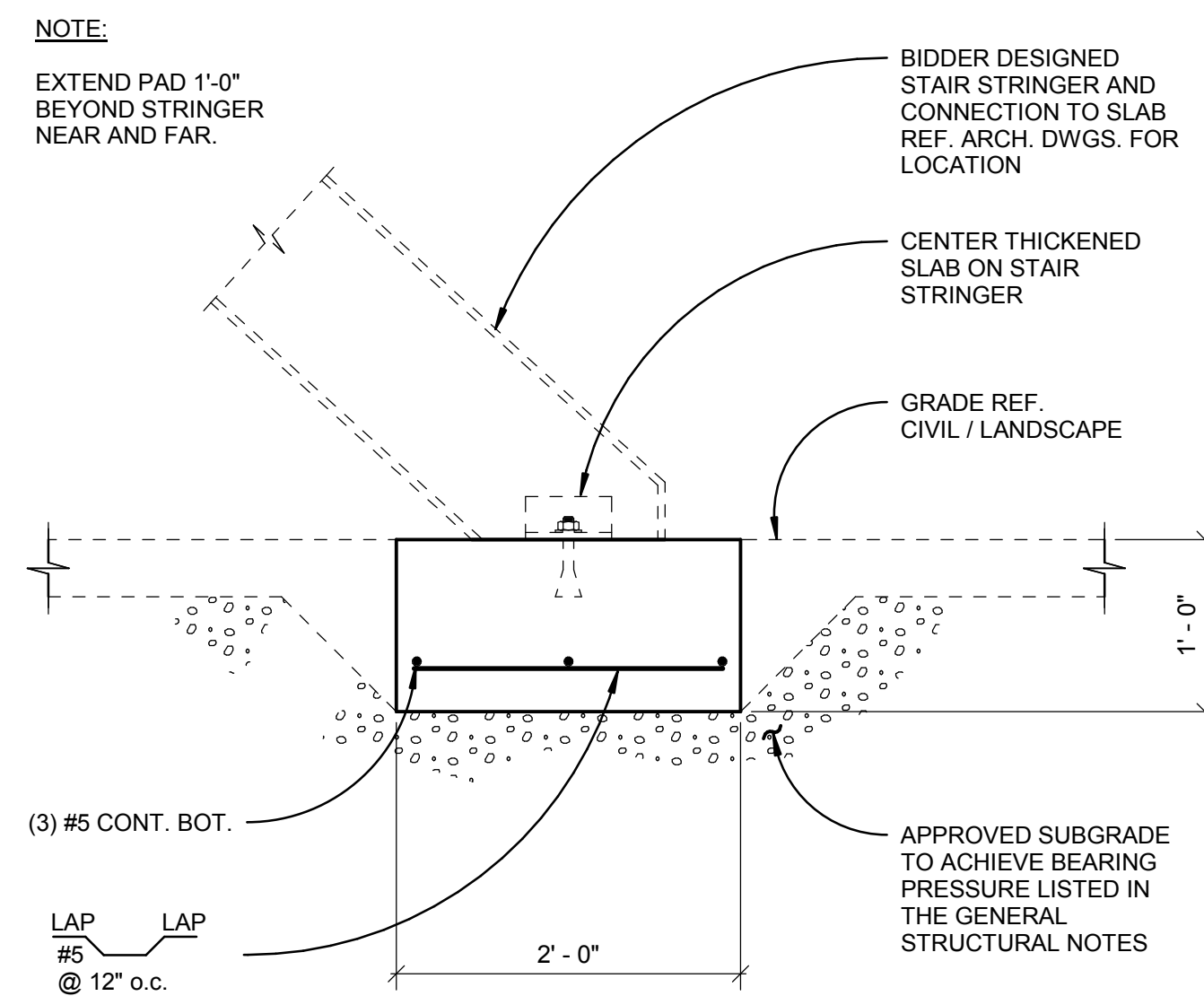
S-123



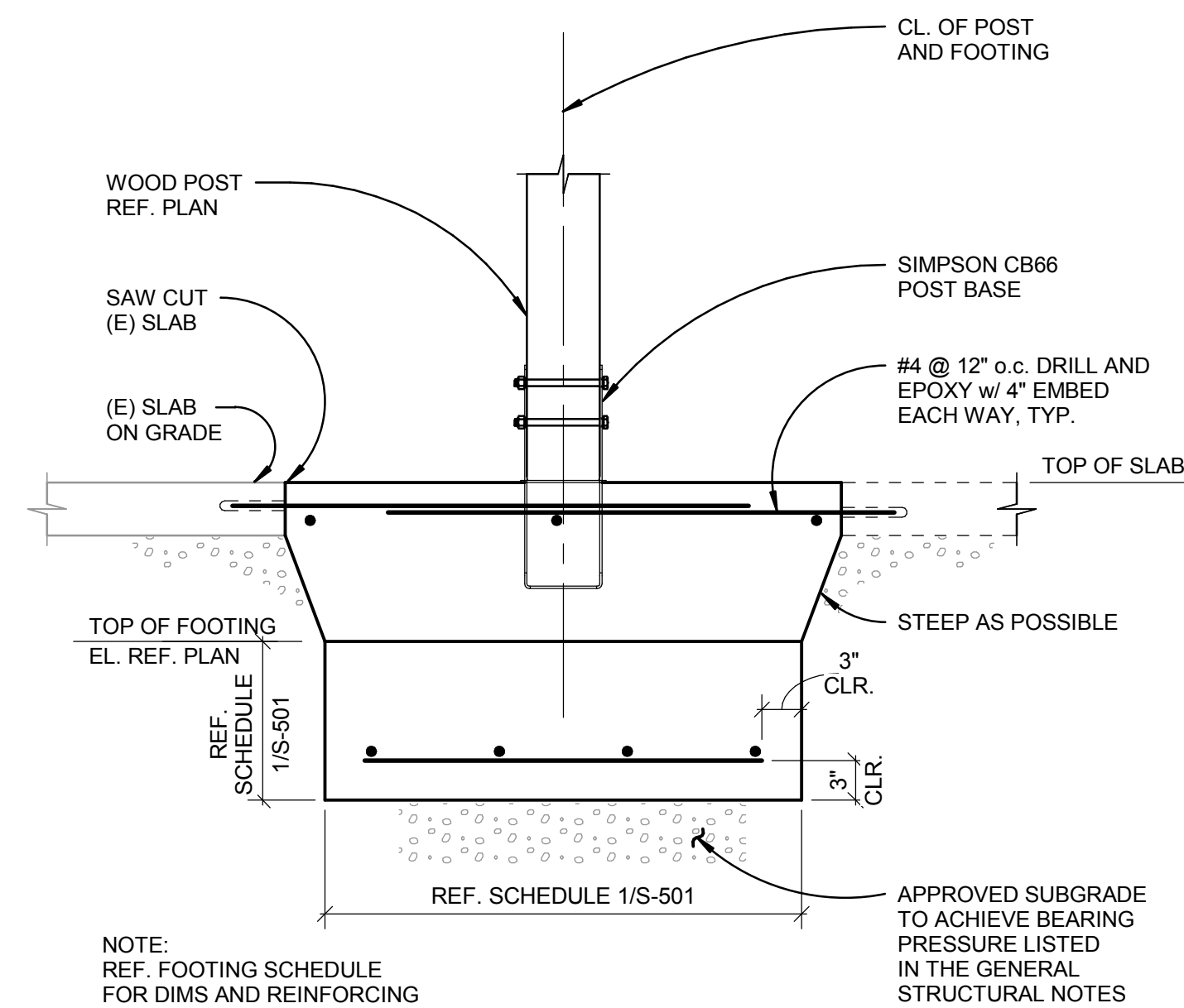
1 2ND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

NOTES:

- (E) INDICATES EXISTING.
- (N) INDICATES NEW STRUCTURE.
- (A) INDICATES ABOVE STRUCTURE.
- (B) INDICATES BELOW STRUCTURE.
- INDICATES EXISTING STRUCTURE.
- ALL EXISTING HALLWAY WALLS ARE BEARING WALLS. REF. DEMO PLANS ON SHEET A100 FOR WALLS BEING REMOVED.
- PROVIDE TEMPORARY SHOWING WHILE FINAL STRUCTURE IS BEING INSTALLED.
- REF. 2/S-601 FOR TYPICAL OPENING CONSTRUCTION AND THE SIZES OF ALL HEADERS NOT IDENTIFIED ON THE PLANS. ALL HEADERS SHALL BEAR ON A MINIMUM OF ONE 2x TRIMMER STUD U.N.O. REF. ARCHITECTURAL DRAWINGS FOR OPENING SIZES AND LOCATIONS TYP.



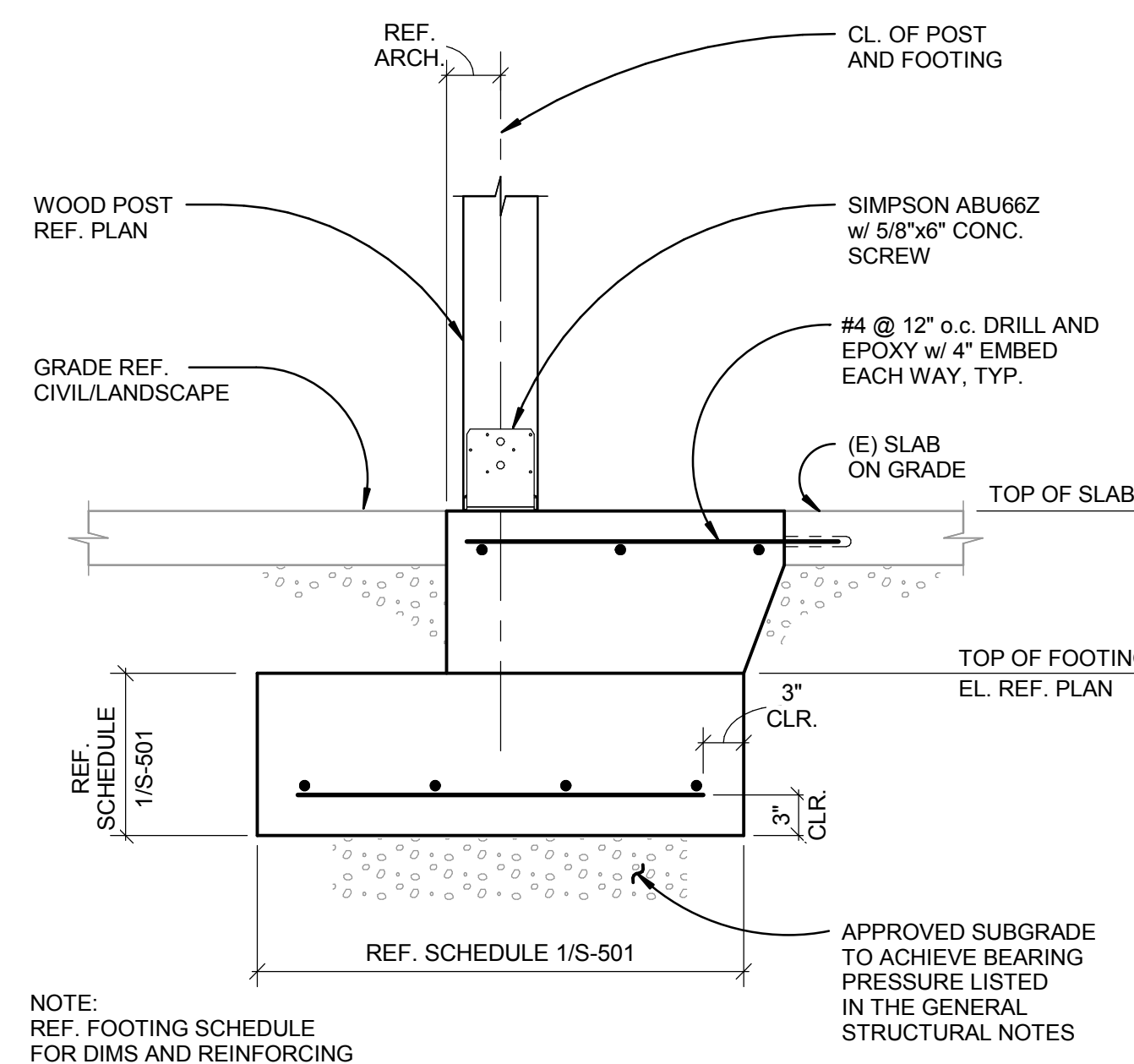
6 PAD AT STAIR STRINGER
1" = 1'-0"



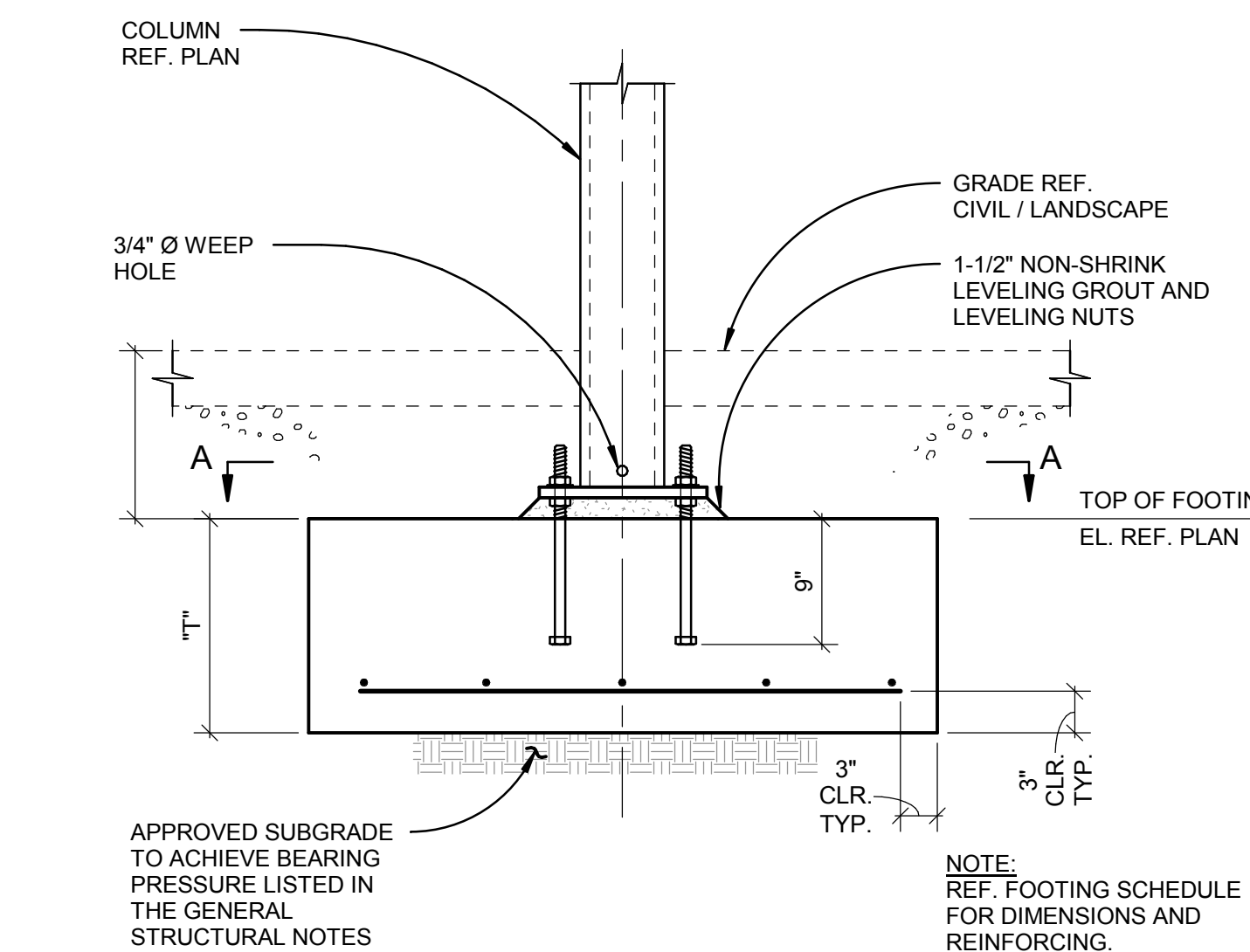
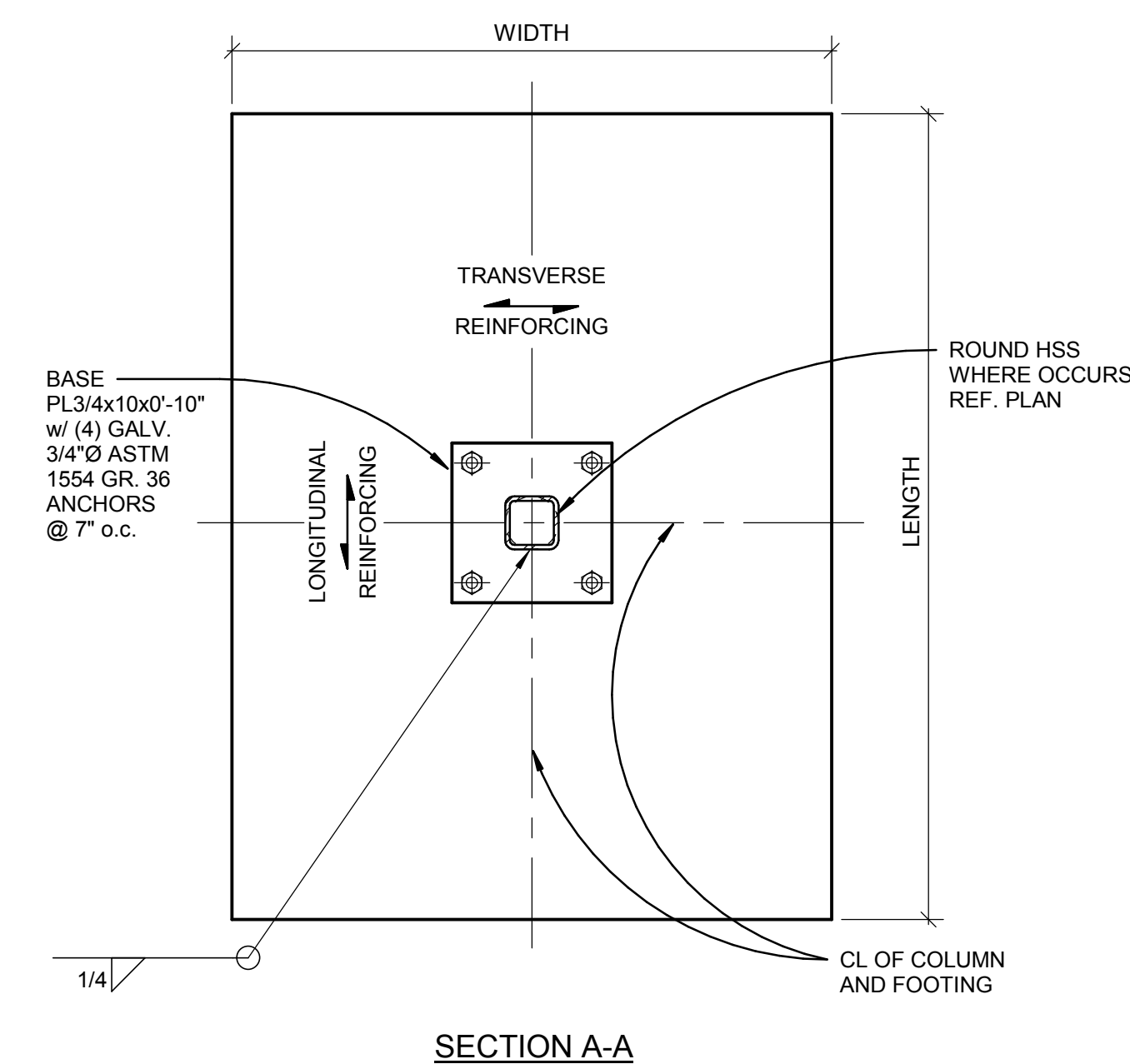
3 FOOTING DETAIL
1" = 1'-0"

FOOTING SCHEDULE			
MARK	SIZE LENGTHxWIDTH	"T"	REINFORCING
A	2'-0"x2'-0"	1'-0"	(3) #5 EACH WAY BOT.
B	3'-0"x3'-0"	1'-0"	(4) #5 EACH WAY BOT.

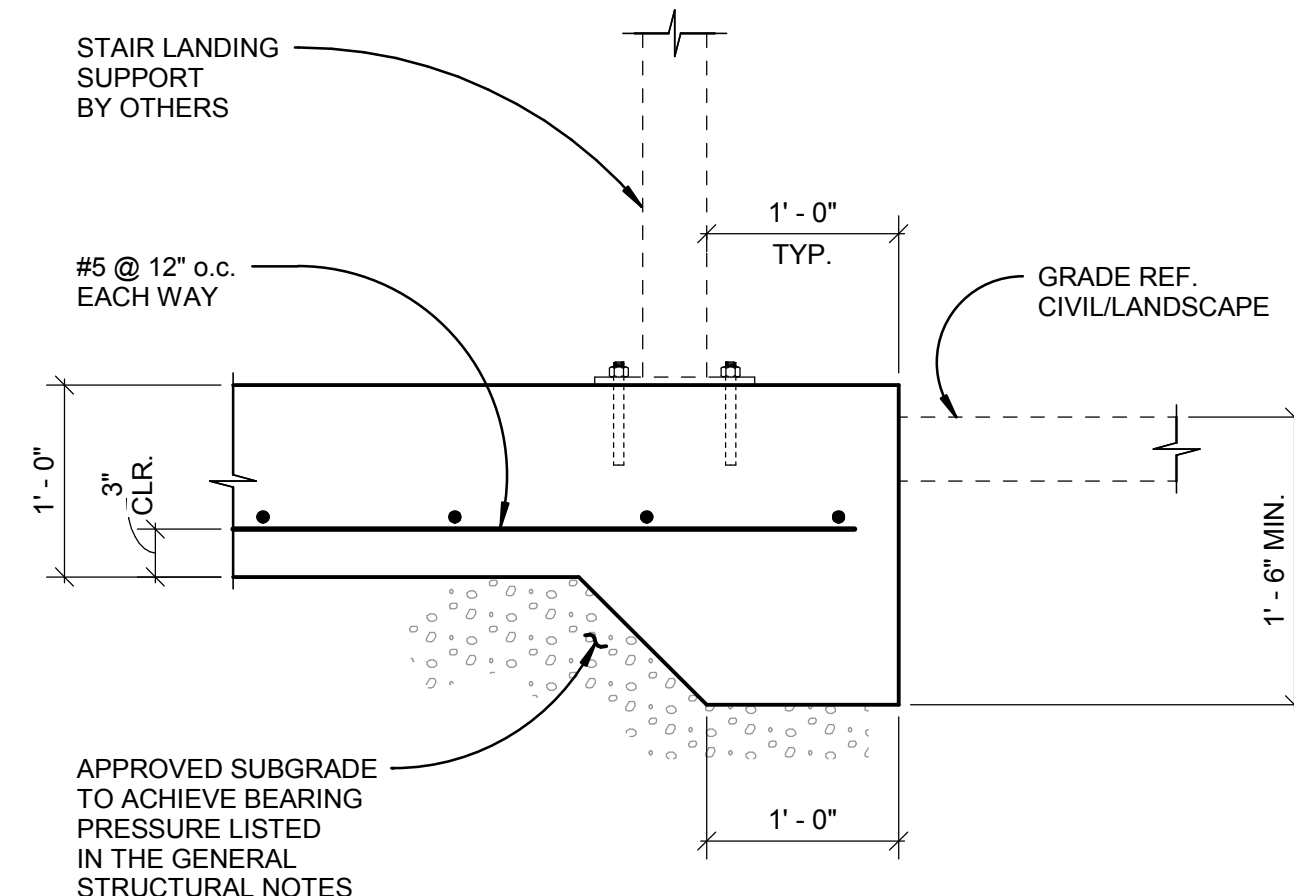
1 TYP. FOOTING SCHEDULE
1" = 1'-0"



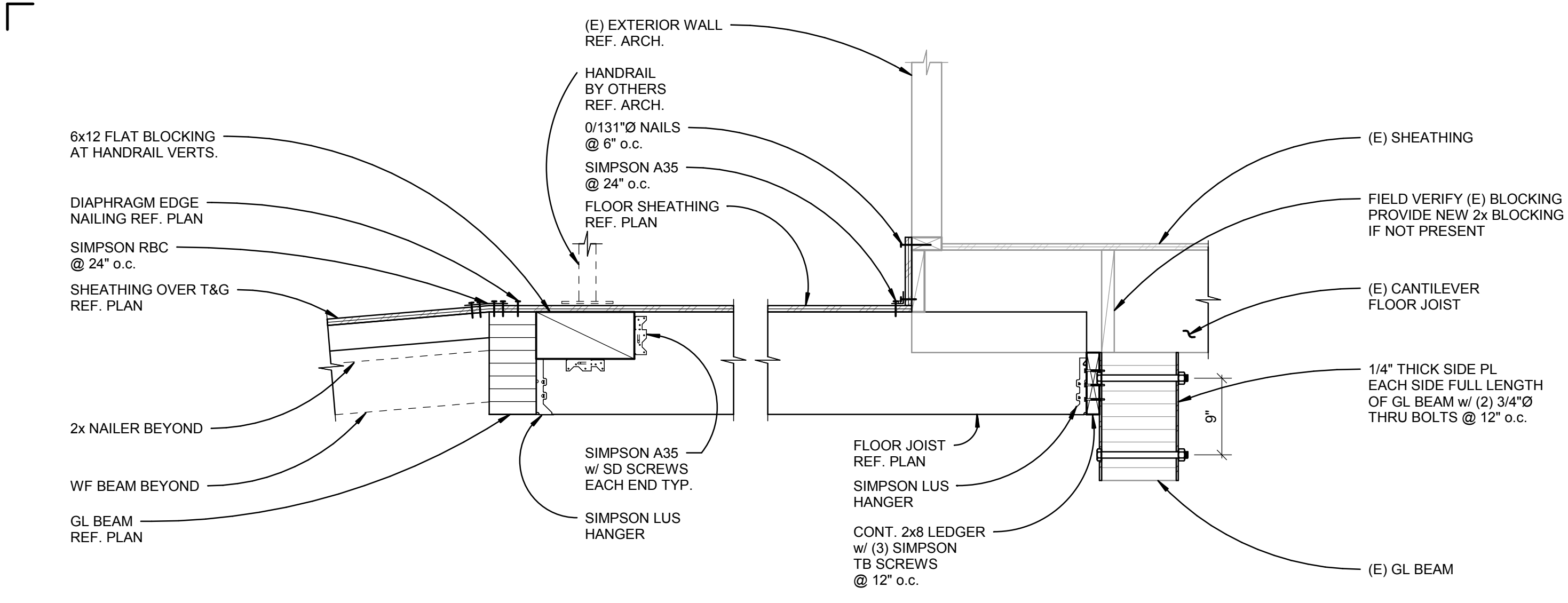
4 FOOTING DETAIL
1" = 1'-0"



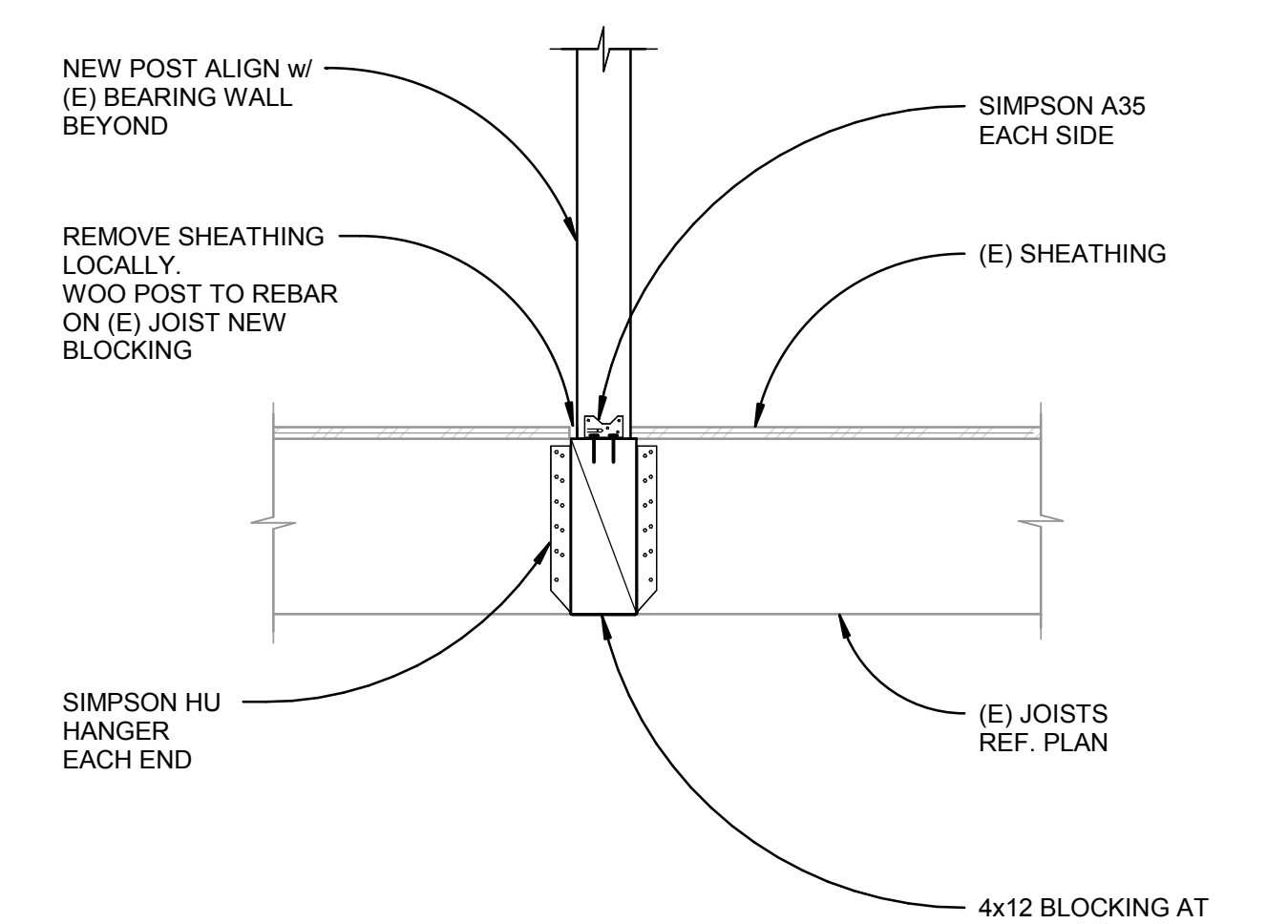
2 TYP. FOOTING AT STEEL COLUMN
1" = 1'-0"



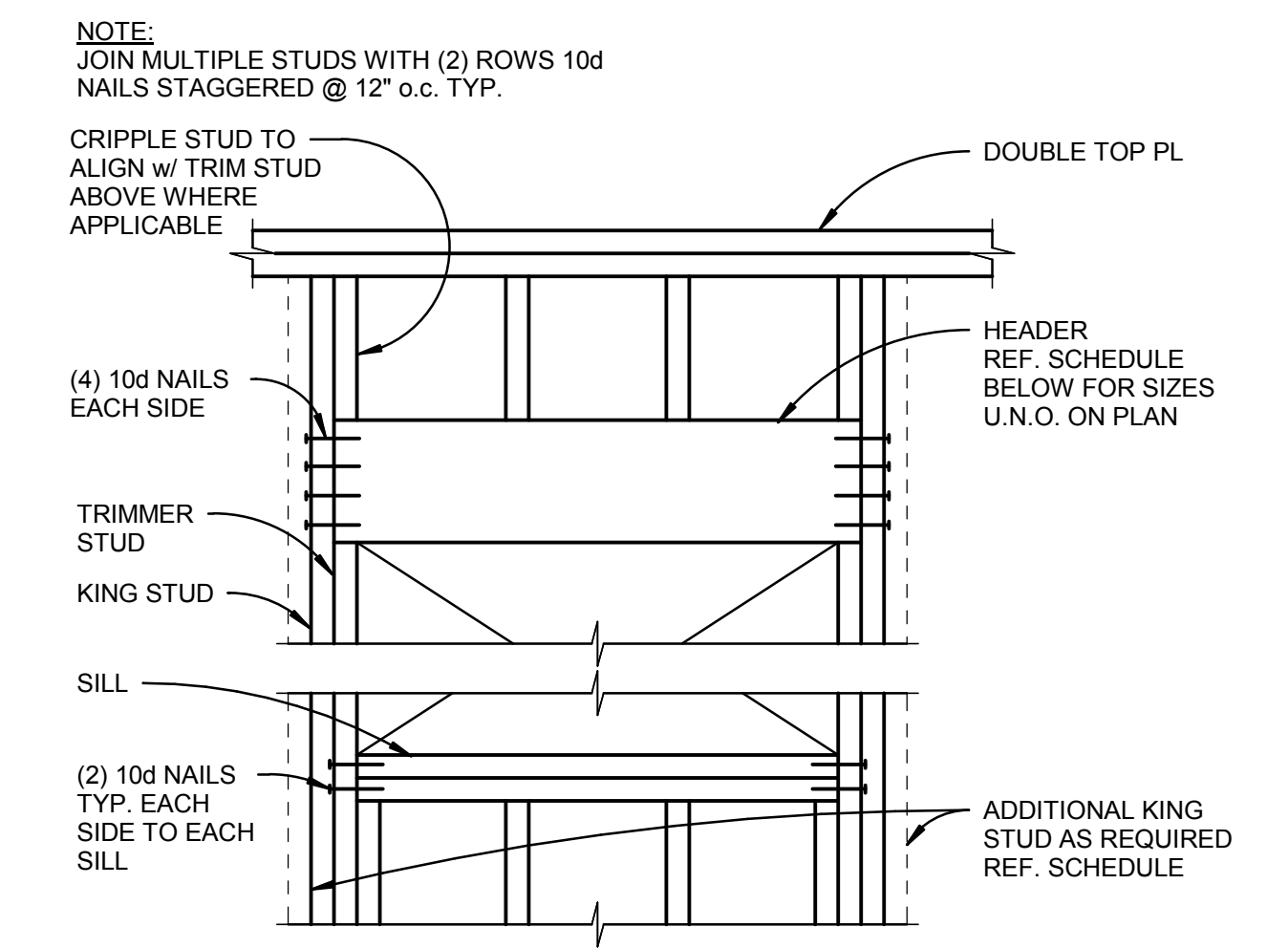
5 CONCRETE PAD DETAIL
1" = 1'-0"



7 SECTION
1" = 1'-0"

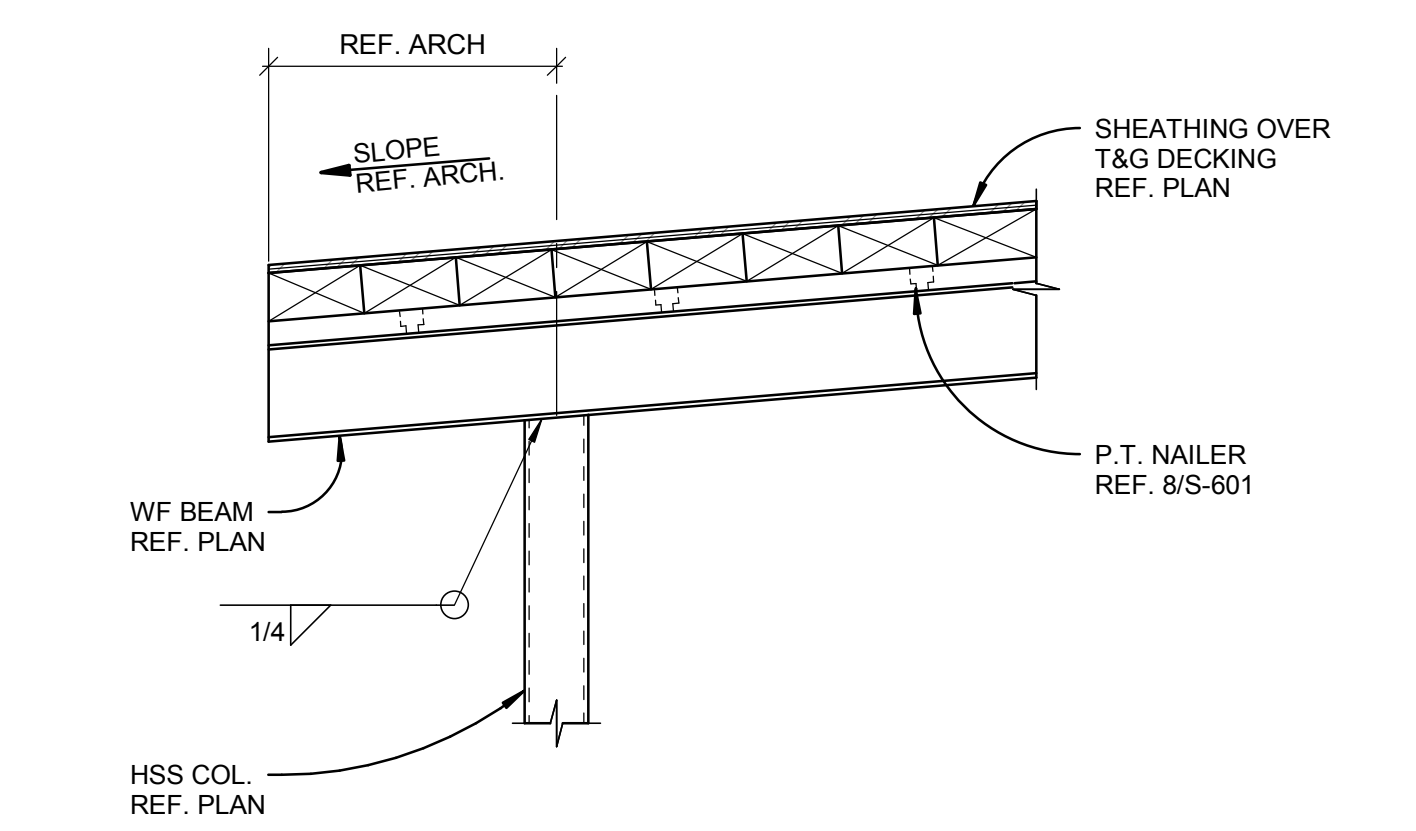


4 NEW POST AT (E) JOIST
1" = 1'-0"

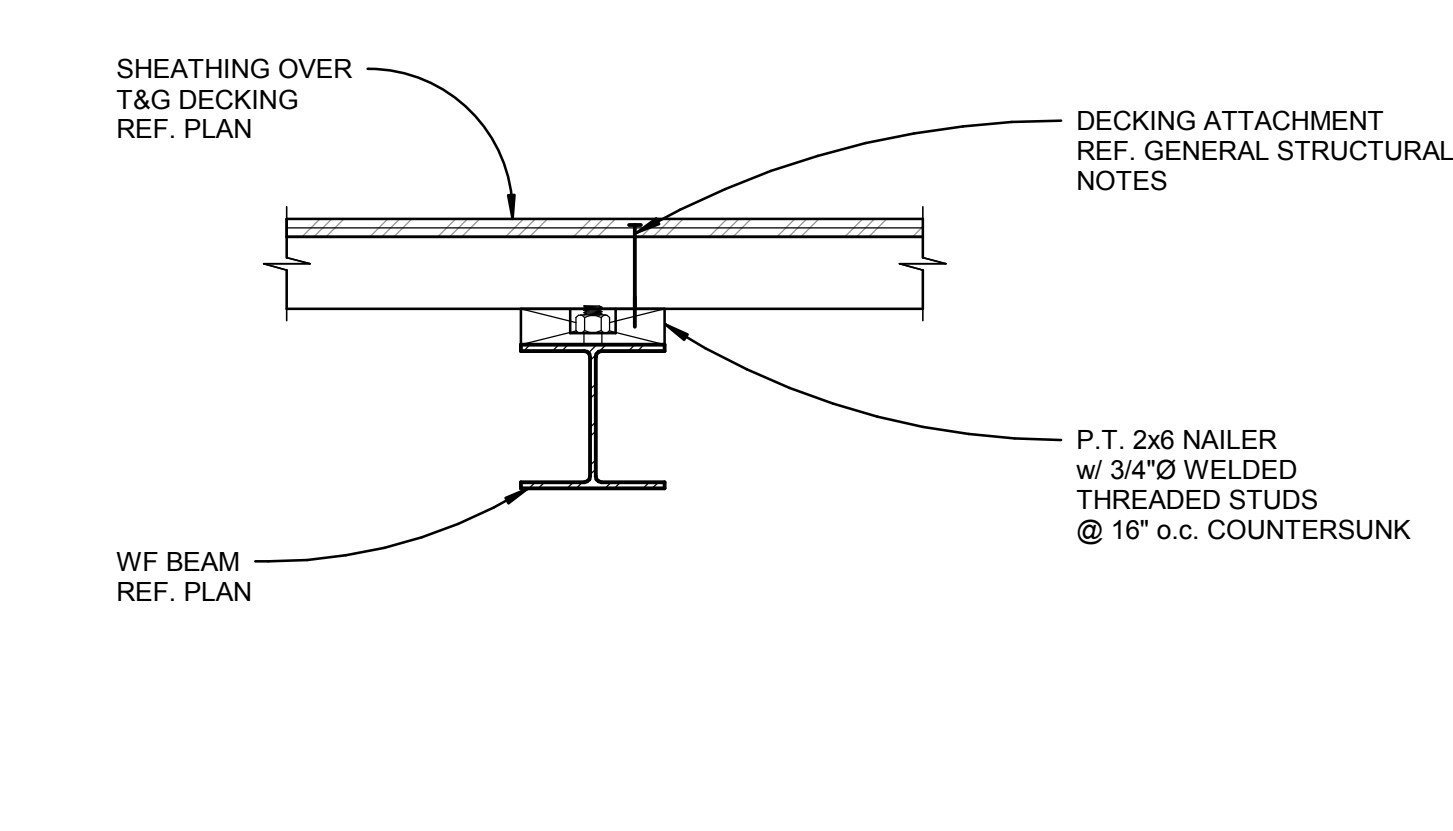


WALL OPENING SCHEDULE				
LOAD BEARING WALLS				
OPENING WIDTH	HEADER	SILL	TRIMMER	KING
0'-0" TO 4'-0"	(2) 2x6	(2) 2x	(1) 2x	(1) 2x
4'-1" TO 6'-0"	4x6	(2) 2x	(1) 2x	(1) 2x
6'-1" TO 8'-0"	4x8	(2) 2x	(2) 2x	(2) 2x

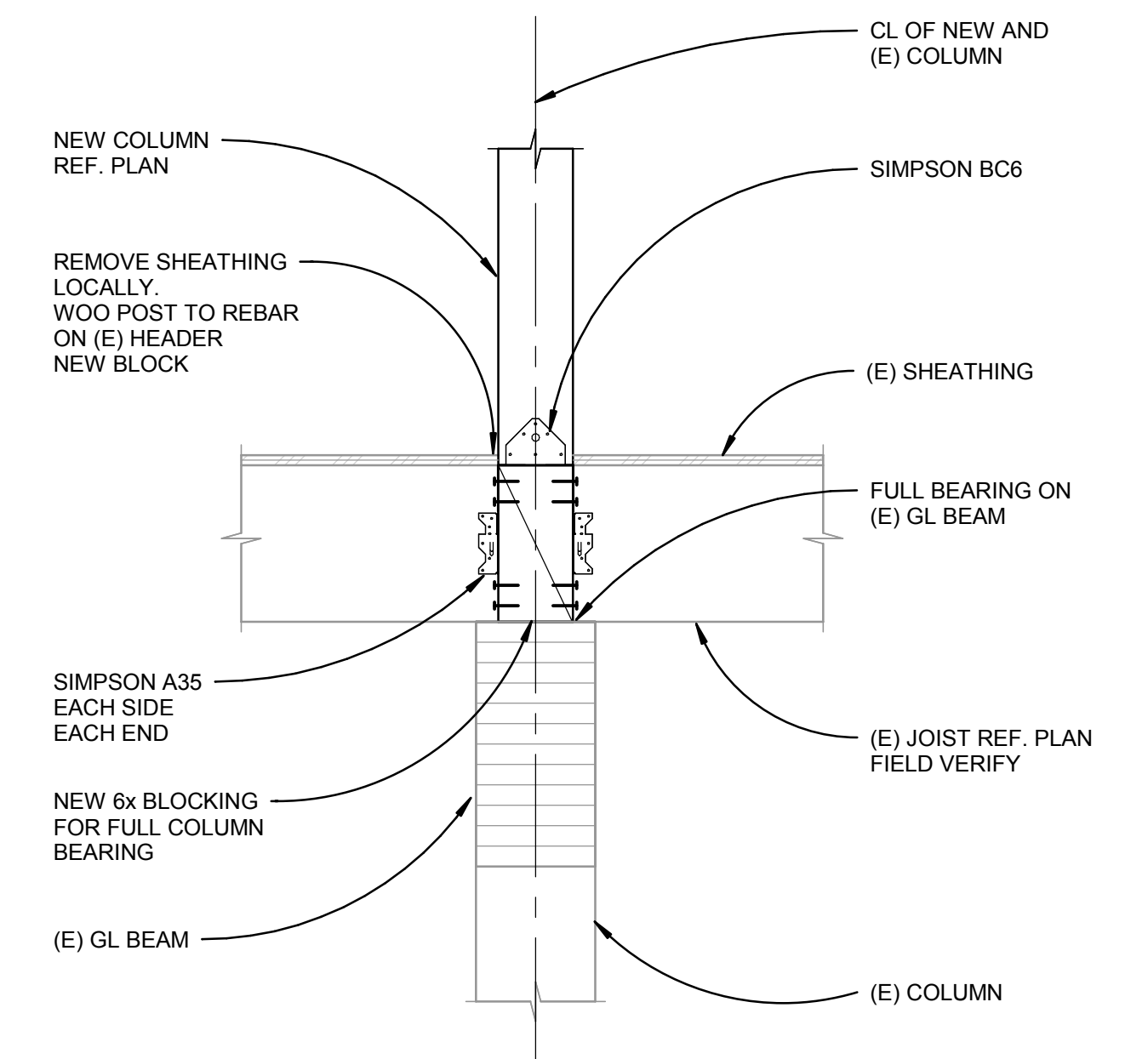
1 WALL OPENING DETAIL
N.T.S.



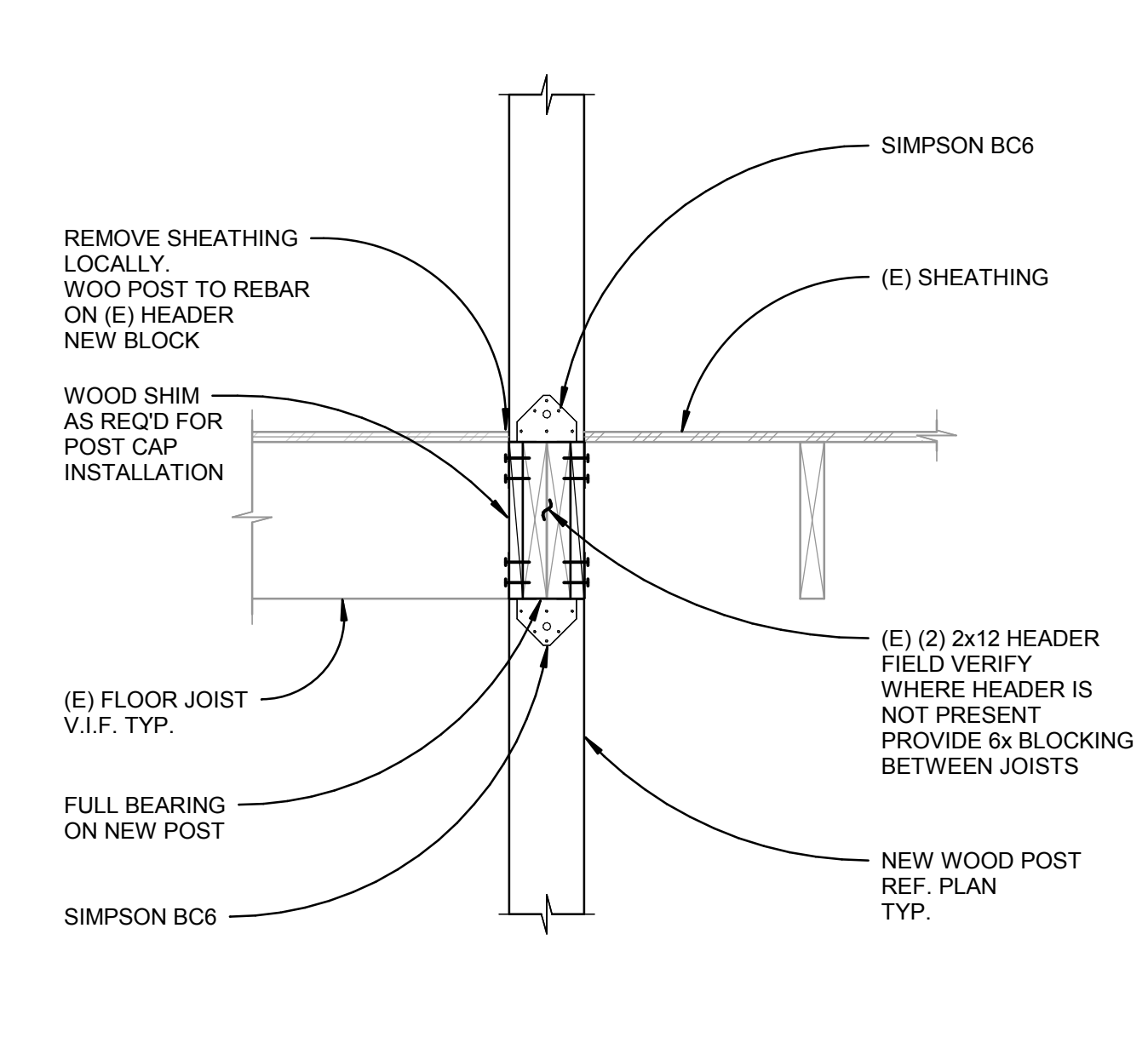
10 WF BEAM CONN. TO HSS COL.
1" = 1'-0"



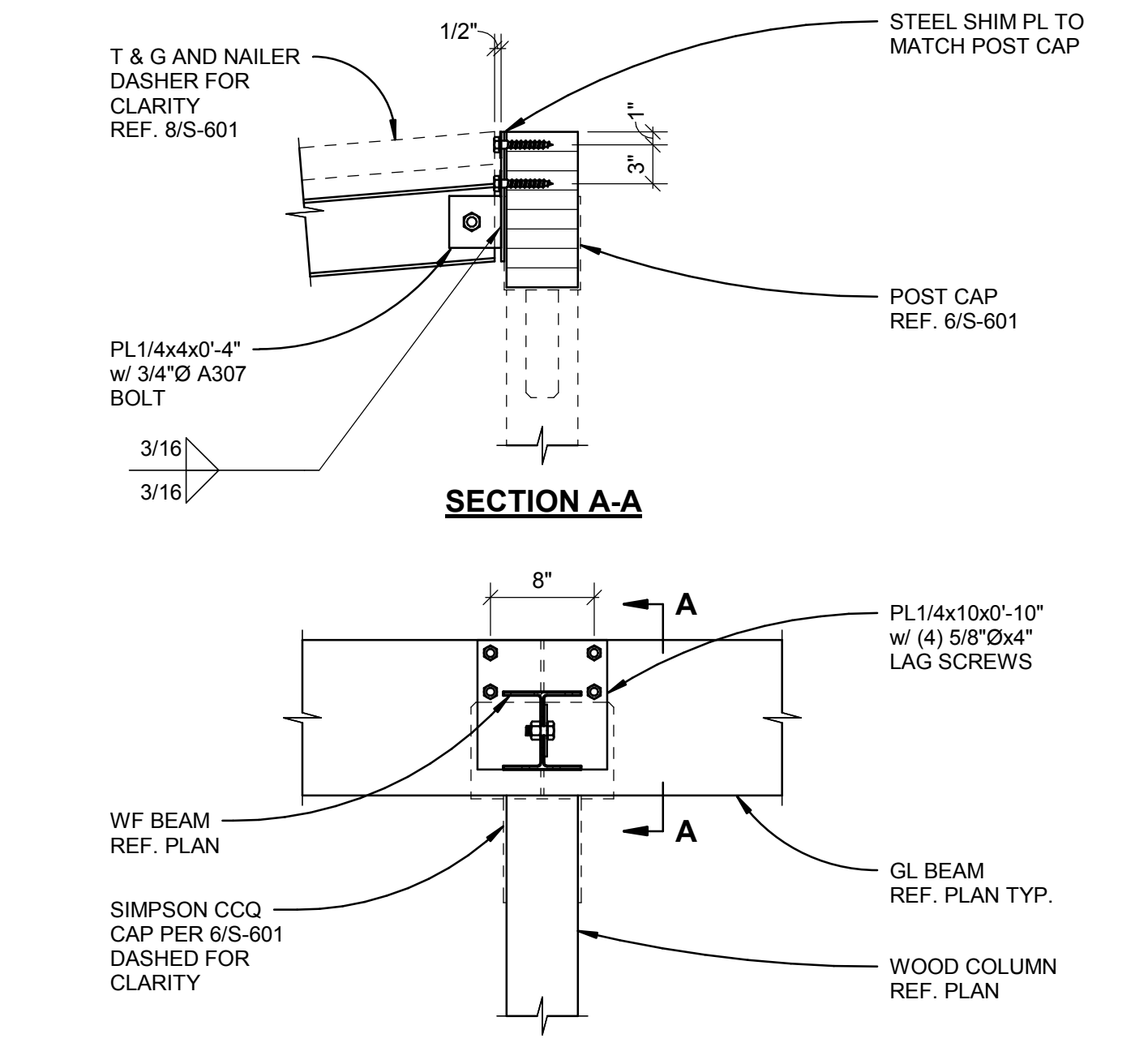
8 DECKING AT WF BEAM
1 1/2" = 1'-0"



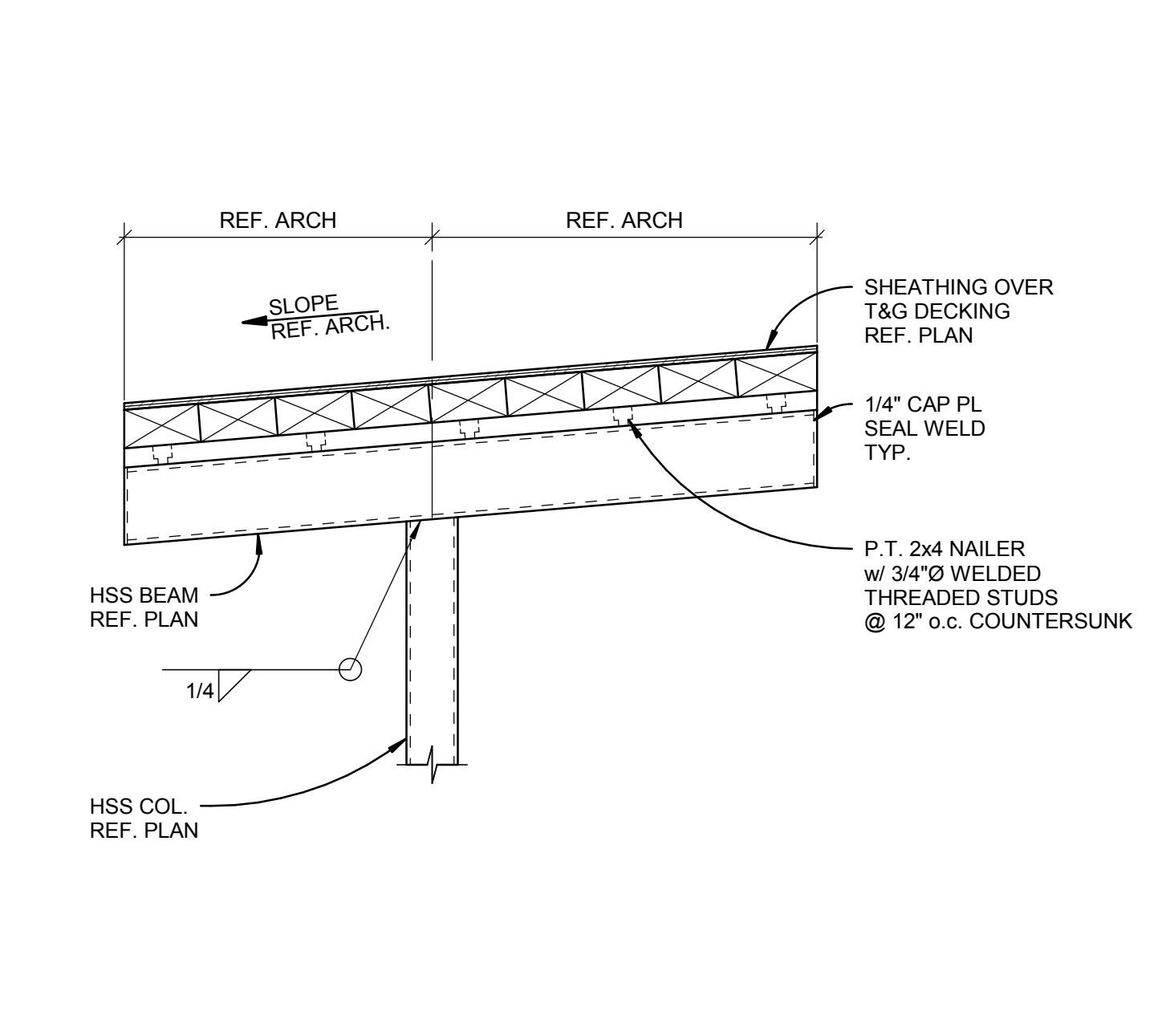
5 NEW COLUMN AT (E) COLUMN
1" = 1'-0"



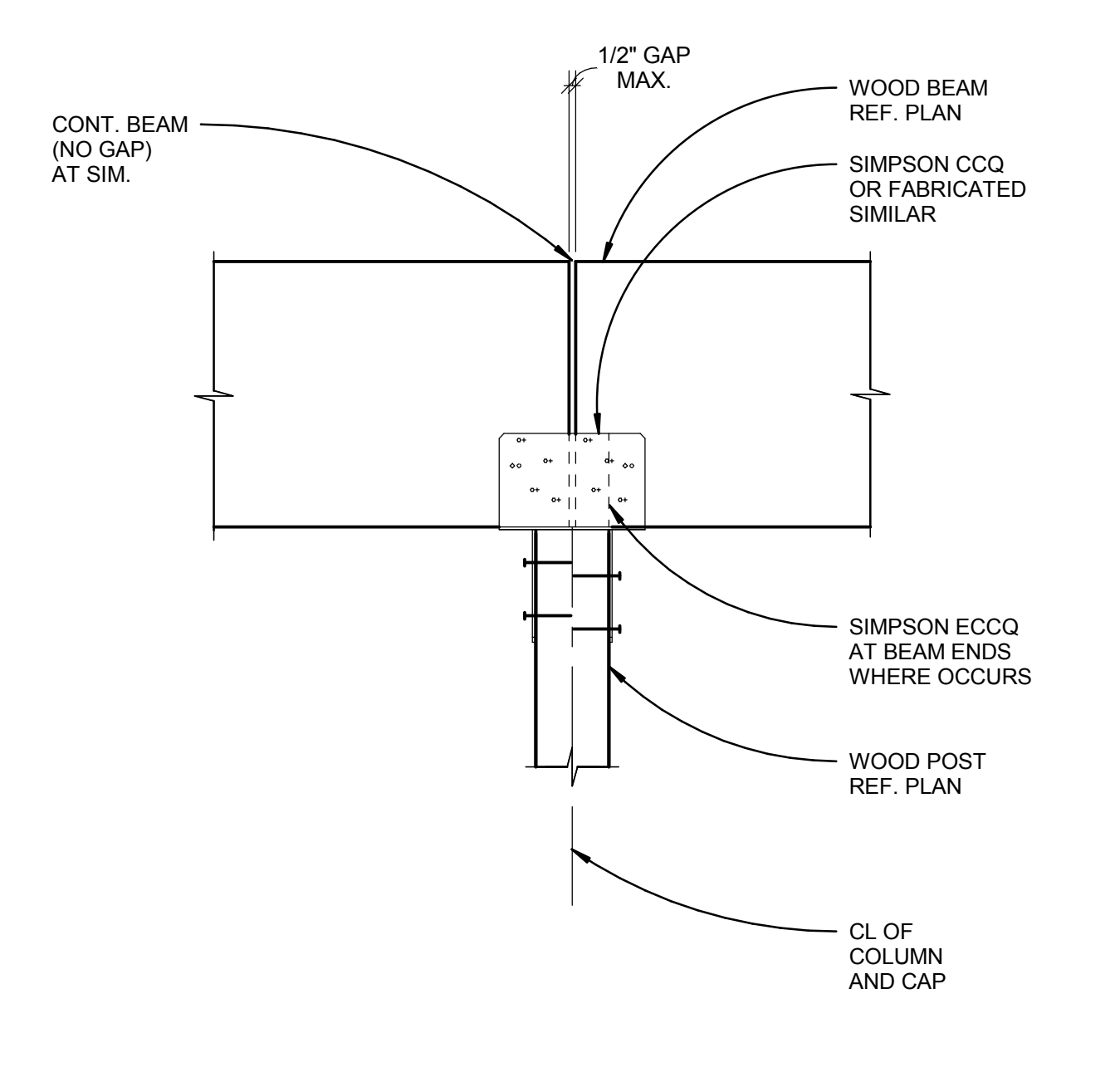
2 NEW POST AT (E) HEADER
1" = 1'-0"



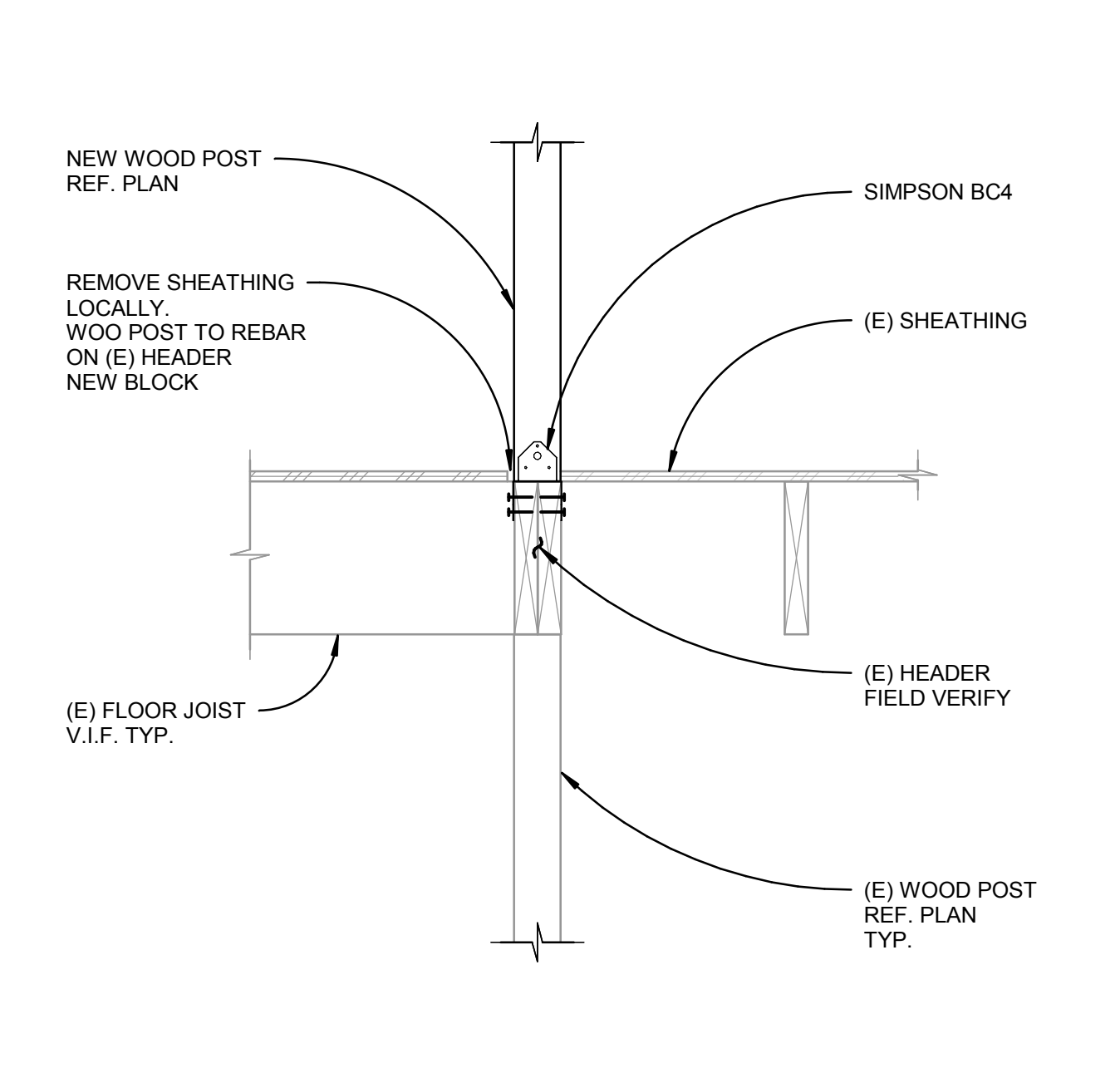
11 WF CONN. TO GL BEAM
1" = 1'-0"



9 CANOPY DETAIL
1" = 1'-0"



6 BEAM CONN. TO HSS COLUMN
1" = 1'-0"

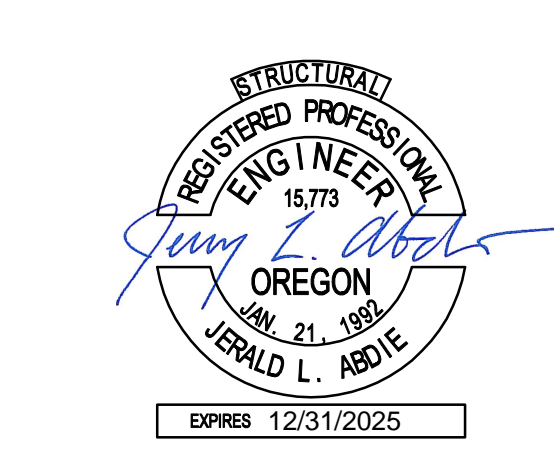


3 NEW POST AT (E) JOIST
1" = 1'-0"

ROWELL BROKAW

1203 Willamette Street
Suite 210
Eugene, Oregon 97401
541 485 1003
rowellbrokaw.com

Architecture. Design. Strategy.



REVISIONS TO THIS SHEET	
REV.	DESCRIPTION

SET	ISSUE	DATE
BP	100% DD	2024-02-13
	100% SD	2023-12-15
		2023-10-28

PROJECT TRACKING	
RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

DETAILS

S-601

2/13/2024 12:27:21 PM

REVISIONS TO THIS SHEET

REV.	DATE	DESCRIPTION

SET	ISSUE	DATE
BP	100% DD	2024-02-13
	100% DD	2023-12-15
	100% SD	2023-10-28

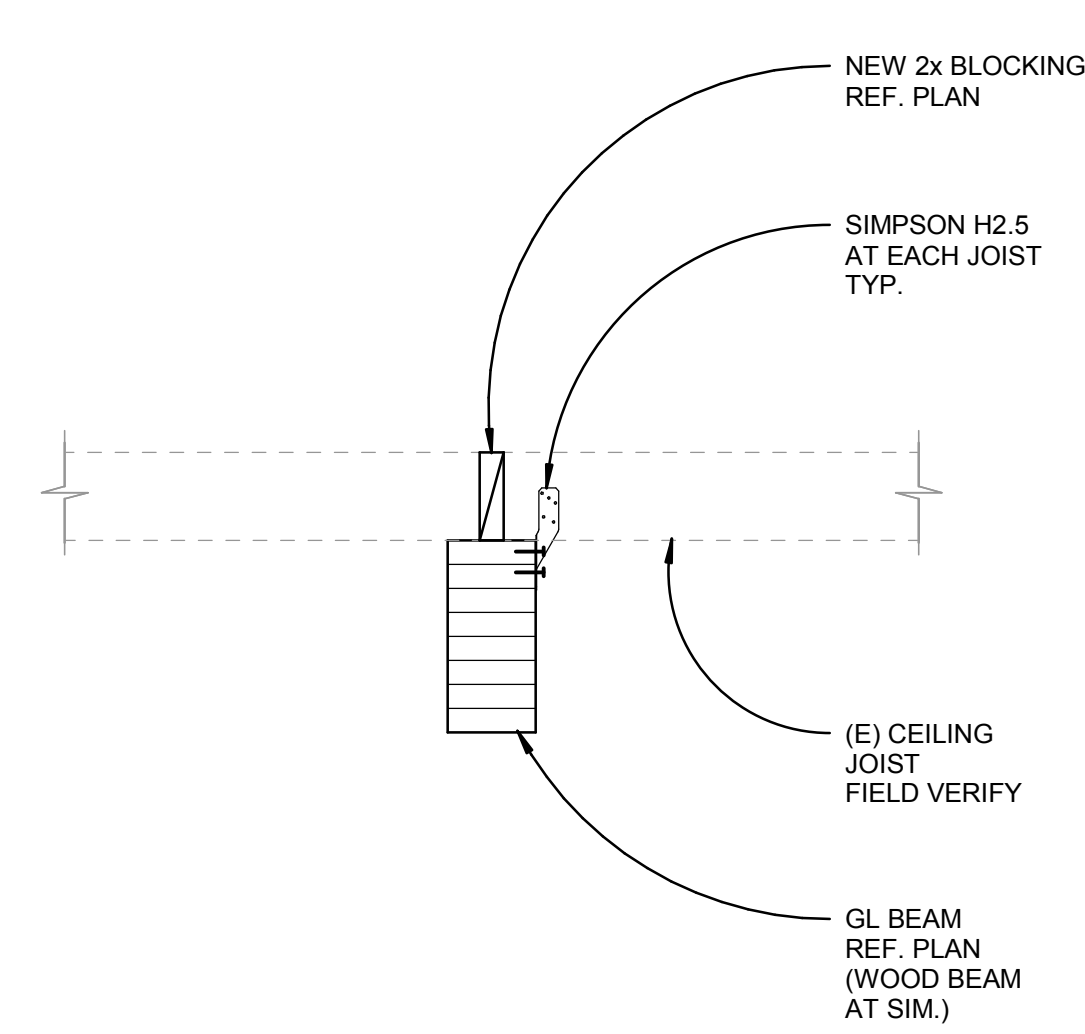
PROJECT TRACKING	
RBA #:	2327
P.I.C.:	BJ
PM / PA:	PK/SL

Owner
OSU FRC

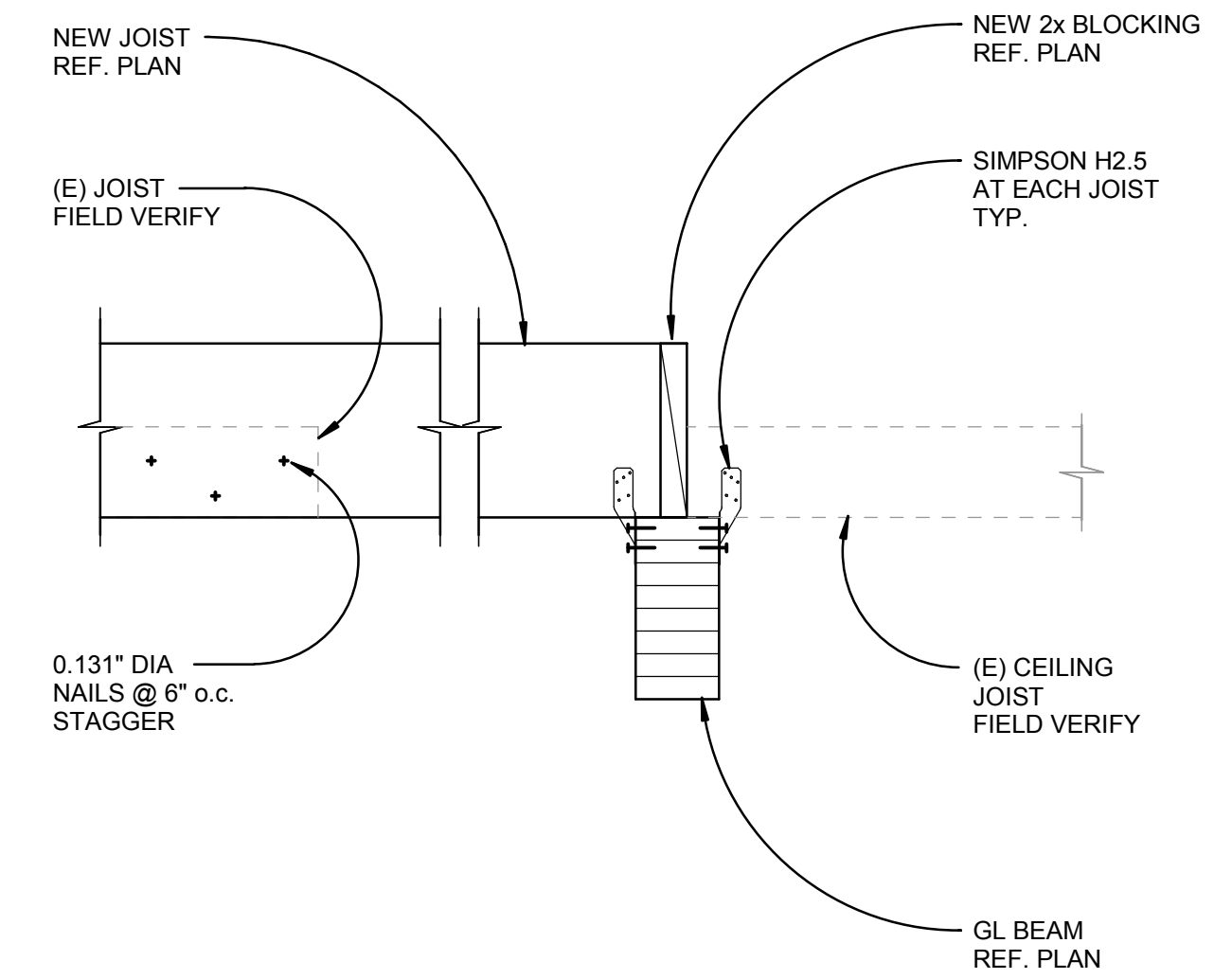
Project Name
AZALEA EARLY CHILDHOOD CENTER

Project Address
**1050 SW MADISON AVE,
CORVALLIS OR 97333**

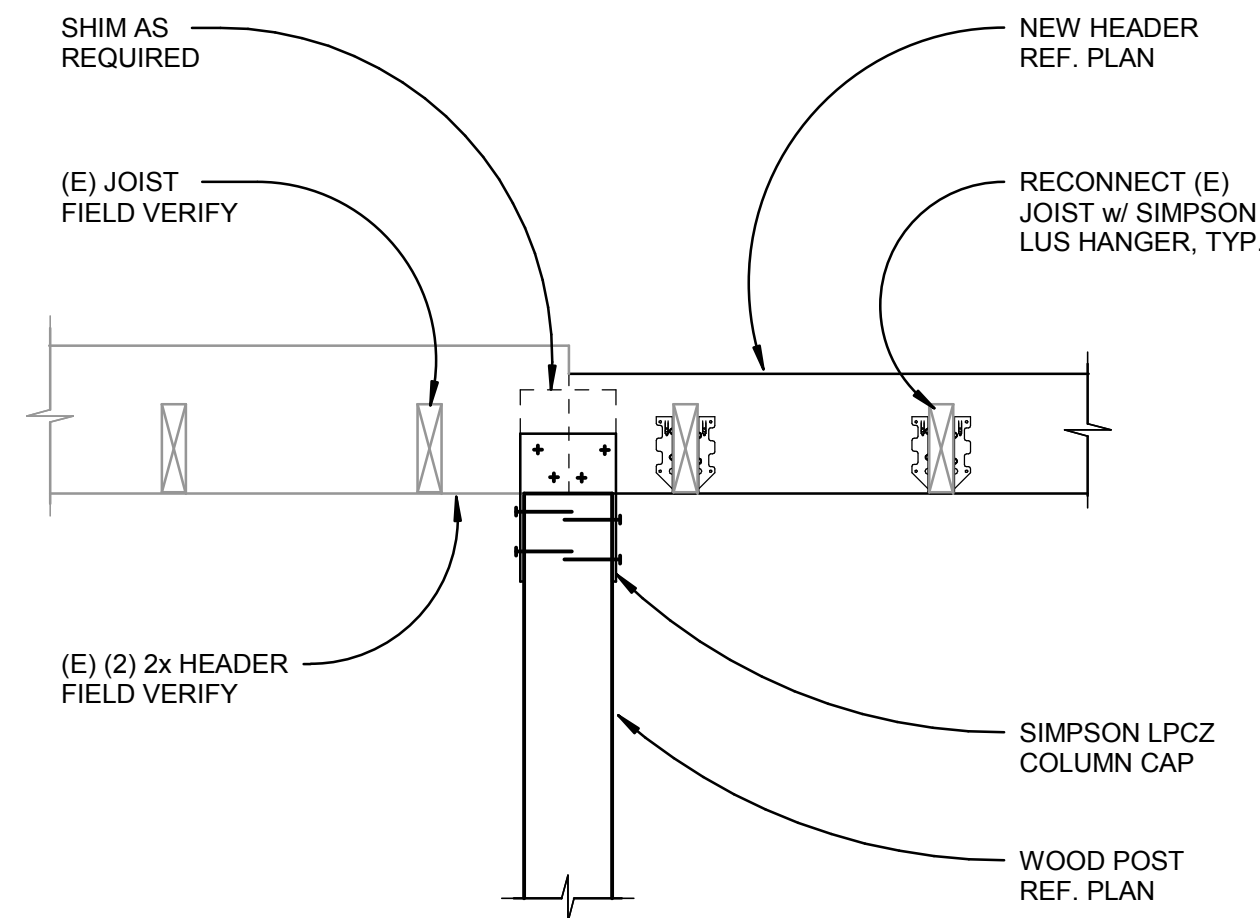
DETAILS



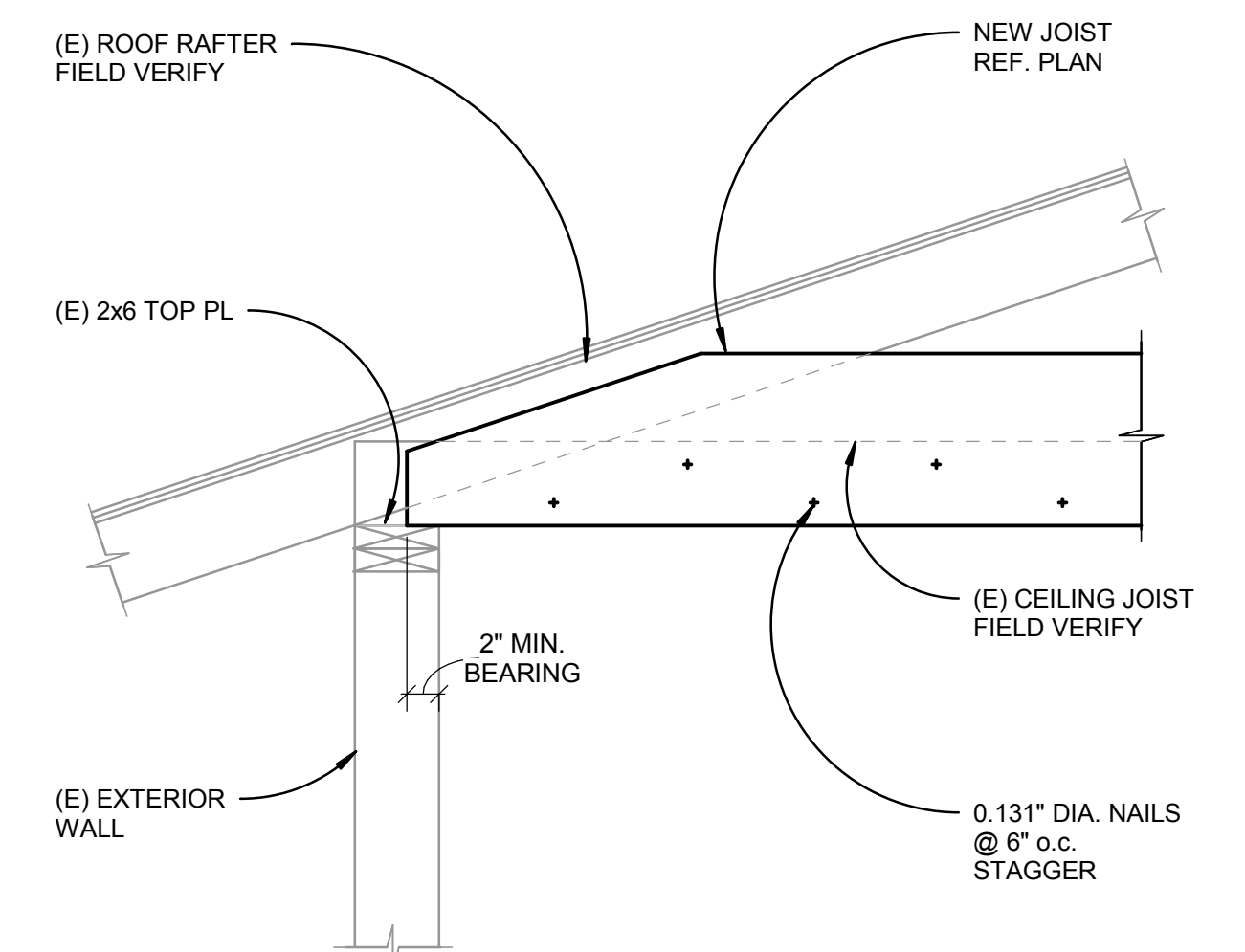
4 CEILING JOIST AT GL BEAM
1" = 1'-0"



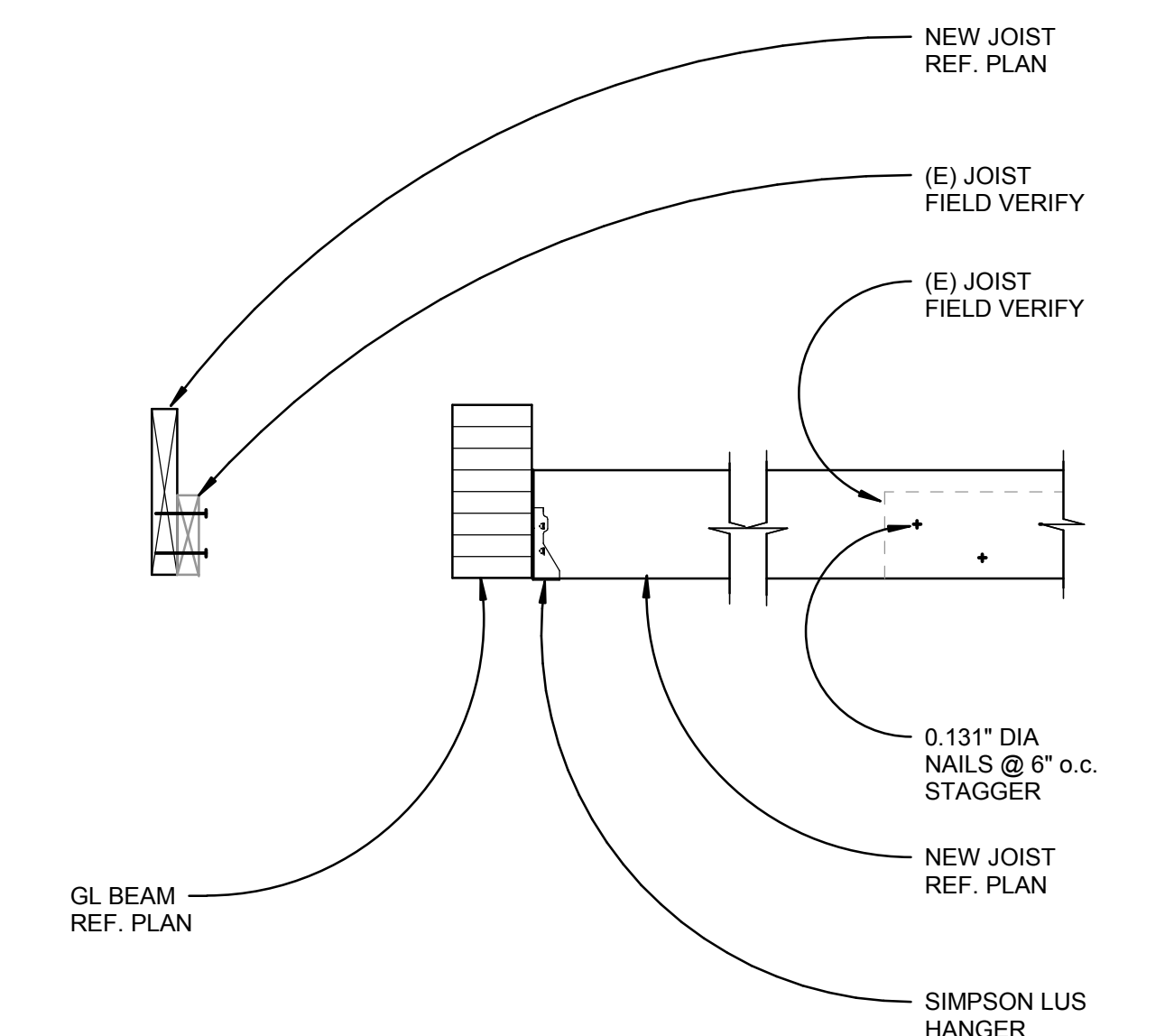
1 CEILING JOIST AT GL BEAM
1" = 1'-0"



5 (E) HEADER TO (N) POST
1" = 1'-0"



2 CEILING JOIST AT EXTERIOR WALL
1" = 1'-0"



3 CEILING JOIST AT GL BEAM
1" = 1'-0"