

**ABBREVIATIONS**

@ & A.B. ABV. ADDL. (ADDL.) ADJ. ALT. ALUM. APPRX. (APPROX.) ARCH.	AT AND ANCHOR BOLT ABOVE ADDITIONAL ADJACENT ALTERNATE ALUMINIUM APPROXIMATE(LY) ARCHITECT(URAL)	K K.P.	KIPS: 1000 KING POST
BLDG. BLKG. BLW. BM. B.N. B.NDRY. B.O.C. B.O.F. BOT. (B) BRCG. BRDG. BRG. BTWN.	BUILDING BLOCKING BELOW BEAM BOUNDARY NAILING BOUNDARY BOTTOM OF CONCRETE BOTTOM OF FOOTING BRACING BRIDGE (ING) BEARING BETWEEN	MAX. M.B. MECH. M.E.P. MEZZ. MFR. MIN. MISC. MTL.	MAXIMUM MACHINE BOLT MECHANICAL MECHANICAL, ELECTRICAL AND PLUMBING MEZZANINE MANUFACTURER MINIMUM MISCELLANEOUS METAL
CAMB. (C) CBC CANT. C.F. C.I.P. C.I.D.H. C.J.	CAMBER(ED) CALIFORNIA BUILDING CODE CANTILEVER(ED) CUBIC FEET (FOOT) CAST-IN-PLACE CAST-IN-DRILLED HOLE CONTROL JOINT, CONSTRUCTION JOINT CENTER LINE CEILING CLEAR COLUMN CONCRETE CONNECTION CONSTRUCTION CONTINUOUS COMPLETE-PENETRATION COUNTERSINK CENTER(ED) CUBIC YARD	(N) NO. (#) N.S. N.T.S.	NEW NUMBER NEAR SIDE NOT TO SCALE
d DBA DBL. DEPT. D.F. DIA. (Ø) DIAG. DIAPH. DIM. DN. DO DWG. (DWGS.) DWL.	d PENNY NAIL DEFORMED BAR ANCHOR DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIAPHRAGM DIMENSION DOWN DITTO (REPEAT) DRAWING(S) DOWEL	QTY.	QUANTITY
EA. E.F. E.J. EL. ELEC. ELEV. EMB. E.N. ENG. EQ. EQPT. EQUIV. EXP. EXIST. (E) EXT.	EACH EACH FACE EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMBEDMENT) EDGE NAIL ENGINEER EQUAL EQUIPMENT EQUIVALENT EXPANSION EXISTING EXTERIOR	RAD. (R) RBS REF. REINF. REQD. (REQD.) RF. R.O. S.A.D. SC S.C.D. SCH. SEP. SHT. SIM. SKW. S.O.G. SPEC. SQ. ST STD. STAGG. STIFF. STIRUP STL. STRT. STRUC(T). SUSP. SYMM.	RADIUS REDUCED BEAM SECTION REFERENCE REINFORCEMENT (ING) REQUIRED ROOF ROUGH OPENING SEE ARCHITECTURAL DRAWINGS SLIP-CRITICAL SEE CIVIL DRAWINGS SCHEDULE SEPARATION SHEET SIMILAR SKEW(ED) SLAB-ON-GRADE SPECIFICATION SQUARE SNUG-TIGHTENED STANDARD STAGGER(ED) STIFFENER STIRUP STEEL STRUCTURAL SUSPENDED SYMMETRICAL
FDN. FIN. FLR. F.N. F.O.C. F.O.M. F.O.S. F.O.W. F.P. FRP F.S. FT. (') FTG. F.V.	FOUNDATION FINISH(ED) FLOOR FIELD NAIL; FACE NAIL FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FULL (COMPLETE) PENETRATION FIBER REINFORCED POLYMER FAR SIDE FOOT (FEET) FOOTING FIELD VERIFY	T&B T&G TEMP. THK. T.N. T.O. T.O.C. T.O.S. T.O.W. TRANS. T.S.G. TYP.	TOP AND BOTTOM TONGUE AND GROOVE TEMPORARY THICK(NESS) TOE NAIL TOP OF TOP OF CONCRETE TOP OF STEEL TOP OF SHEATHING TOP OF WALL TRANSVERSE TAPERED STEEL GIRDER TYPICAL
GA. GALV. GLB.	GAUGE GALVANIZE(D) GLU-LAM/GLULAM GLUED LAMINATED BEAM	U.O.N. (U.N.O.) UTIL.	UNLESS OTHERWISE NOTED UTILITY
GRD. GYP.	GRADE GYPSUM		
HD. HDR. HGR. HORIZ. (H) H.S. H.S.B. HT.	HOLDDOWN; HAND HEADER HANGER HORIZONTAL HEADED STUD HIGH STRENGTH BOLT HEIGHT	VERT. (V) V.I.F. W/ (W) WD. W.P. WT. W.W.F.	VERTICAL VERIFY IN FIELD WITH WIDE; WIDTH WOOD WORK POINT WEIGHT WELDED WIRE FABRIC
I.D. IN. (") INFO.	INSIDE DIAMETER INCH(ES) INFORMATION	X-STG XX-STG	EXTRA STRONG DOUBLE EXTRA STRONG
JST. JT.	JOIST JOINT		

**WOOD**

- WOOD MEMBERS SHALL BE DOUGLAS FIR-LARCH PER WCLB OR WMPA, VISUALLY GRADED DIMENSION LUMBER AND SHALL BE SURFACED DRY (19% MOISTURE CONTENT MAXIMUM). ALL LUMBER SHALL BEAR THE GRADE STAMP OF AN APPROVED TESTING AGENCY, EXCEPT EXPOSED LUMBER AT VISIBLE AREAS. STRUCTURAL FRAMING MEMBERS SHALL BE S4S AND GRADE MARKED AS No.1.
- PLYWOOD SHEATHING SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S. PRODUCT STANDARDS PS 1-95, STRUCTURAL USE PANELS SHALL CONFORM TO NER-108 (APA-PRP-108). EACH PANEL SHALL BE IDENTIFIED WITH THE APPROPRIATE A.P.A. GRADE STAMP.
- ROOF SHEATHING SHALL BE FIVE PLY WITH THICKNESS AND PANEL INDEX AS INDICATED ON DRAWINGS. STAGGER SHEETS PER PLAN. ROOF NAILING SHALL BE PER SCHEDULE ON DRAWINGS, OR AS INDICATED ON NOTES. INSTALL SHEETS WITH FACE GRAIN ACROSS SUPPORTS EXCEPT WHERE NOTED OTHERWISE.
- ROOF AND FLOOR SHEATHING, AND SHEAR WALL PANELS NAILING AND INSTALLATION SHALL BE INSPECTED AND APPROVED PRIOR TO COVERING.
- BOLTS SHALL CONFORM TO ASTM A307. ALL BOLTS THROUGH WOOD SHALL HAVE STANDARD WASHERS. BOLT HOLES SHALL BE BORED 1/32" TO 1/16" LARGER THAN THE BOLT DIAMETER UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE TIGHTENED PRIOR TO BEING COVERED. WHERE PLATE WASHERS ARE SHOWN ON THE DRAWINGS THEY SHALL BE AS FOLLOWS:

MINIMUM SIZE FOR SQUARE PLATE WASHERS	
BOLT SIZE	PLATE SIZE
1/2"	3/4" x 2" x 2"
5/8"	1" x 2 1/2" x 2 1/2"
3/4"	3/4" x 2 1/4" x 2 1/4"
7/8"	3/4" x 3" x 3"
1"	3/8" x 3 1/2" x 3 1/2"

- NAILS SHALL BE COMMON WIRE NAILS (0.131"Øx2-1/2" FOR 8d; 0.148"Øx3" FOR 10d; 0.148"Øx3-1/4" FOR 12d; 0.162"Øx3-1/2" FOR 16d) OR ACCESSORIES OF HARDWARE CONNECTORS. SEE CBC FOR MINIMUM NAILING SCHEDULE AT CONNECTIONS.
- HARDWARE CONNECTORS AND ACCESSORIES SHALL BE SIMPSON STRONG-TIE CONNECTORS OR APPROVED EQUAL.
- NONBEARING PARTITIONS SHALL BE MINIMUM 2x4 STUD AT MAXIMUM 16" ON CENTER WITH TOP AND SILL PLATES AS SHOWN IN THE APPLICABLE DETAILS UNLESS OTHERWISE NOTED.
- PLYWOOD NAILING SHALL HAVE A MINIMUM EDGE DISTANCE OF 3/8". NAIL HEADS SHALL BE FLUSH WITH TOP SURFACE OF PLYWOOD; SINKING NAIL HEADS IS PROHIBITED.
- PROVIDE PLYWOOD EDGE NAILING AROUND THE PLYWOOD OPENINGS AND ALONG THE FULL HEIGHT OF ALL WOOD POSTS AND COLUMNS.
- LAG SCREWS SHALL BE SCREWED, NOT DRIVEN, INTO WOOD MEMBERS WITH PRE-DRILLED HOLES. PRE-DRILLED HOLE DIAMETER IN SOFT STRUCTURAL WOODS SHALL EQUAL SCREW SHANK DIAMETER AT THE SCREW SHANK, AND SHALL BE UNDERSIZED BY 25% OF SCREW DIAMETER AT THE SCREW THREADS. FOR EXAMPLE, FOR A 3/8" SCREW, THE PRE-DRILLED HOLE SHALL BE 3/8" OVER THE LENGTH OF THE SCREW SHANK, AND SHALL BE 9/32" OVER THE LENGTH OF THE SCREW THREADS. FOR HARD WOODS USED IN A STRUCTURAL APPLICATION, PRE-DRILLED HOLE DIAMETER AT THE SHANK SHALL MATCH THE SCREW DIAMETER, AND THE HOLE DIAMETER OVER THE LENGTH OF THE SCREW THREADS SHALL BE UNDERSIZED BY 12.5% OF THE SCREW DIAMETER.
- SILL PLATES IN DIRECT CONTACT WITH CONCRETE, MASONRY, OR EARTH, SHALL BE PRESSURE TREATED WOOD OR SOLELY RESPONSIBLE FOR COMPLETE AND SATISFACTORY SUBMITTAL AND CONFORMANCE TO THE CONTRACT DOCUMENTS. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF CALCULATIONS (IF REQUIRED) OR CHANGES WITHOUT PRE-APPROVAL. ALL STRUCTURAL CALCULATIONS AND DRAWINGS AS PART OF THE SHOP DRAWINGS SUBMITTAL SHALL BE SIGNED AND STAMPED BY A CALIFORNIA REGISTERED STRUCTURAL ENGINEER. FOR RESUBMITTALS, ALL CHANGES FROM THE PRIOR SUBMITTAL SHALL BE TIGHTLY ENCLOSED BY A "CLOUD" SO AS TO INDICATE ONLY THOSE AREAS CHANGED. WHEN THE CLOUDED DRAWINGS ARE RESUBMITTED, ONLY THE CLOUDED AREAS WILL BE REVIEWED.
- PROVIDE DOUBLE OR 4x FLOOR JOIST UNDER PARALLEL, NON-BEARING PARTITION WALL UNLESS OTHERWISE NOTED.
- PROVIDE LAMINATED DOUBLE STUDS UNDER EACH SUPPORT OF BEAMS UNLESS OTHERWISE NOTED.
- SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS AT POINTS OF SUPPORT AND POINTS WHERE SHEATHING IS DISCONTINUOUS.
- APPLY ADHESIVE TO CONTACT SURFACES BETWEEN HORIZONTAL PLYWOOD SHEATHING AND SUPPORTING WOOD MEMBER.
- WOOD MEMBER WITH WANE SHALL NOT BE LOCATED AT PLYWOOD JOINT.
- NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
- HARDWARE CONNECTING WOOD MEMBERS SHALL BE RECESSED WHEN REQUIRED BY ARCHITECTURAL FINISH. VERIFY WITH ARCHITECTURAL DRAWINGS.
- 0.229"x2"x2" STEEL PLATE WASHERS (OR SIMPSON BP) SHALL BE USED FOR ALL SILL PLATE ANCHOR BOLTS AND HOLDDOWN CONNECTOR BOLTS UNLESS OTHERWISE NOTED. SIMPSON BP SHALL BE PROTECTED WITH ZMAX (G185) COATING.
- ALL BOLTS SHALL BE RE-TIGHTENED JUST PRIOR TO BEING COVERED.
- BOLT HOLES AT WOOD MEMBERS SHALL NOT BE MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER.
- ALL HARDWARE AND FASTENERS IN CONTACT WITH TREATED WOOD SILL PLATES SHALL BE ZINC- COATED. ALL NAILS INTO TREATED SILL PLATES SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED OR SIMPSON ZMAX (G185) COATED NAILS.
- SOLID BLOCKING OR EQUIVALENT CROSS-BRIDGING SHALL BE INSTALLED BETWEEN ALL ROOF AND FLOOR JOISTS AT THE SPACING PER CODE.
- FIRE BLOCKING SHALL BE INSTALLED BETWEEN ALL WALL STUDS IF REQUIRED BY CODE.

**DESIGN CRITERIA**

- DESIGN CONFORMS TO CBC 2019.
- ROOF LOADS:  
A. LIVE: 20 PSF  
B. DEAD: ACTUAL WEIGHT
  - SEISMIC VALUES:  
  
SITE CLASS: D  
SEISMIC DESIGN CATEGORY: D  
  
Ss = 1.522 g  
S1 = 0.577g  
Fa = 1.0  
Fv = 1.5  
SDS = 1.015 g  
SD1 = 0.577 g  
  
SEISMIC COEFFICIENTS FOR MECH. UNITS:  
ap = 2.5  
Rp = 3.0  
Q = 1.5  
Fp = 1.07 Wp SEISMIC LATERAL FORCE (ASD- LEVEL)

**STRUCTURAL TESTS AND INSPECTIONS**

- STRUCTURAL TESTS AND INSPECTIONS SHALL BE IN ACCORDANCE WITH THE 2019 CBC, AND SPECIFICATIONS.

**GENERAL NOTES:**

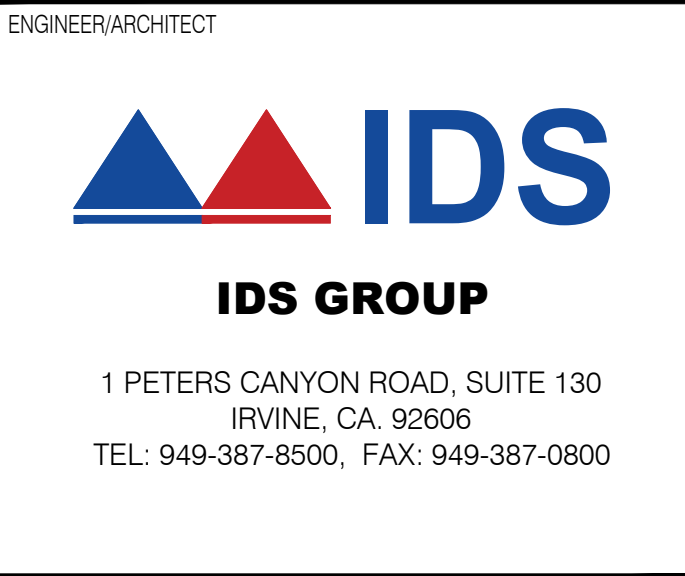
- SCOPE OF WORK: ANALYSIS OF EXISTING ROOF FRAMING UNDER NEW MECHANICAL UNITS AND DESIGN FOR STRENGTHENING THE FRAMING AS REQUIRED. DESIGN ALSO INCLUDES ANCHORAGE SYSTEM FOR HVAC UNITS AND PROVIDING GRAVITY AND SWAY BRACING DETAILS FOR LIGHT MECHANICAL EQUIPMENT HANGING UNDER THE ROOF.
- REFER TO MECH. & ARCH. DRAWINGS AND SPECIFICATIONS FOR PROJECT SPECIAL REQUIREMENTS.
- ALL CONSTRUCTION AND WORKMANSHIP, INCLUDING MATERIALS, SHALL CONFORM TO THESE DRAWINGS AND THE CBC.
- GOVERNING CODE AUTHORITY: THE CITY OF LA PALMA, CA.
- COMPLY FULLY WITH ALL CODES HAVING JURISDICTION OVER THE WORK. IF ANY WORK SHOWN OR IMPLIED ON THE DRAWINGS IS IN CONFLICT WITH ANY CODE HAVING JURISDICTION, BRING IT TO THE ATTENTION OF THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK WHICH WOULD BE AFFECTED BY IT.
- WHERE NOT INDICATED OTHERWISE, THE LATEST EDITION OF ALL CITED DOCUMENTS SHALL GOVERN.
- THE TERM CBC IN THESE DRAWINGS MEANS 2019 CALIFORNIA BUILDING CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, ALL PARTS AND VOLUMES.
- ALL INFORMATION, DIMENSIONS, AND ELEVATIONS SHOWN OR NOTED TO EXISTING STRUCTURE ARE BASED ON BEST INFORMATION CURRENTLY AVAILABLE AT THE TIME OF THE PREPARATION OF THESE DRAWINGS. NO WARRANTY IS IMPLIED AS TO THE ACCURACY OF EXISTING CONDITIONS. THE CONTRACTOR SHALL REFER TO THE ORIGINAL CONSTRUCTION DOCUMENTS FOR INFORMATION REGARDING EXISTING CONSTRUCTION AND SHALL FIELD VERIFY ALL CONDITIONS. IF CONDITIONS BECOME APPARENT WHICH DIFFER FROM THE CONDITIONS SHOWN HEREIN, THEY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER. HOWEVER, ANY SIGNIFICANT CONFLICTS SHALL BE RESOLVED AS NOTED.
- THE CONTRACTOR SHALL:  
A. BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS.  
B. CHECK ALL DIMENSIONS.  
C. BE RESPONSIBLE FOR COORDINATION OF ALL TRADES TO ASSURE PROPER CONSTRUCTION OF THE PROJECT.  
ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
- DIMENSIONS: DIMENSIONS TAKE PRECEDENCE OVER SCALE OF DRAWING. RELY ON WRITTEN DIMENSIONS GIVEN AND FIELD VERIFICATION. IF DISCREPANCIES ARE FOUND, NOTIFY THE OWNER BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK. IF NO DIMENSION ARE GIVEN, NOTIFY THE OWNER FOR CLARIFICATIONS. ALL NOTIFICATIONS SHALL BE BY "RFI".
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. NOTES AND DETAILS ON DRAWINGS TAKE PRECEDENCE OVER "EXISTING NOTES" AND TYPICAL DETAILS. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO PRIOR REVIEW BY THE ENGINEER.
- CONDITIONS NOTED AS "EXISTING" OR (E) ARE TO REMAIN U.N.O. PROTECT AS REQUIRED. "EXISTING" CONSTRUCTION REMOVED BY THE CONTRACTOR FOR ANY REASON SHALL BE REPLACED TO MATCH EXISTING AT NO ADDITIONAL COST TO THE OWNER. ALL MATERIALS, FEATURES OR CONDITIONS NOT SPECIFICALLY IDENTIFIED AS "EXISTING" OR (E) ARE CONSIDERED NEW WORK AND ARE PART OF THE PROJECT SCOPE OF WORK.
- ALL EXISTING CONDITIONS, WHETHER OR NOT SPECIFICALLY NOTED ON THE DRAWINGS, SHALL BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY WORK. DO NOT PROCEED WITH ANY ITEM OR WORK THAT IS REASONABLY QUESTIONABLE WITHOUT ADVISING THE OWNER. OBTAIN DIRECTION FROM THE OWNER AS TO HOW TO PROCEED. SUBMIT ALL QUESTIONS ON "RFI" FORM.
- ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO COMMENCING ANY WORK.
- SHOP DRAWINGS REQUIRED BY THE PROJECT SPECIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. DRAWINGS ARE REVIEWED BY THE ENGINEER FOR GENERAL CONFORMANCE TO THE DESIGN. REGARDLESS OF THE ENGINEER'S REVIEW, THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR COMPLETE AND SATISFACTORY SUBMITTAL AND CONFORMANCE TO THE CONTRACT DOCUMENTS. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF CALCULATIONS (IF REQUIRED) OR CHANGES WITHOUT PRE-APPROVAL. ALL STRUCTURAL CALCULATIONS AND DRAWINGS AS PART OF THE SHOP DRAWINGS SUBMITTAL SHALL BE SIGNED AND STAMPED BY A CALIFORNIA REGISTERED STRUCTURAL ENGINEER. FOR RESUBMITTALS, ALL CHANGES FROM THE PRIOR SUBMITTAL SHALL BE TIGHTLY ENCLOSED BY A "CLOUD" SO AS TO INDICATE ONLY THOSE AREAS CHANGED. WHEN THE CLOUDED DRAWINGS ARE RESUBMITTED, ONLY THE CLOUDED AREAS WILL BE REVIEWED.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. THE SUPPORTING SERVICES BY THE ENGINEER, WHETHER PERFORMED PRIOR TO, DURING, OR AFTER CONSTRUCTION, ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DRAWINGS AND PROJECT SPECIFICATIONS, BUT THEY DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.
- THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR ALL SHORING REQUIRED IN ORDER TO SAFELY ACHIEVE THE FINAL CONSTRUCTION SHOWN ON THE DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO, ANY TYPES OF SHORING REQUIRED FOR SOILS EXCAVATION AND BACKFILL WORK, SUPPORT OF STRUCTURAL ELEMENTS UNTIL THEY HAVE ACHIEVED THE NECESSARY STRENGTH TO PERFORM IN THE FINAL POSITION AND MANNER SHOWN ON THE DRAWINGS, AND SUPPORT OF STRUCTURAL ELEMENTS THAT ARE MODIFIED AND THEREBY REDUCED IN STRENGTH IN ANY WAY DURING CONSTRUCTION AS REQUIRED TO ACHIEVE THE FINAL CONSTRUCTION AS SHOWN ON THE DRAWINGS. ALL SHORING CALCULATIONS AND DRAWINGS SHALL BE STAMPED BY A CALIFORNIA REGISTERED ENGINEER AND SUBMITTED FOR REVIEW PRIOR TO PERFORMING THE WORK.
- THE CONTRACTOR SHALL COORDINATE ALL UTILITY LOCATIONS WITH OTHER DRAWINGS AND SHALL CONDUCT A DETAILED SURVEY OF EXISTING UTILITIES TO IDENTIFY INTERFERENCES WITH THE NEW CONSTRUCTION. PROMPTLY NOTIFY THE ENGINEER OF ANY INTERFERENCES PRIOR TO PERFORMING THE WORK.
- IN THE EVENT THAT THERE ARE ANY UTILITIES AFFECTED, ANY MODIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NOT THAT OF THE OWNER. ALL OUTLETS EITHER ELECTRICAL OR MECHANICAL, OR ANY ASSOCIATED REWORK OR MODIFICATIONS WILL BE A PART OF THE BID AND NOT TO BE CONSTRUED AS THE WORK OF THE OWNER. SUFFICIENT DUE DILIGENCE ON THE PART OF THE CONTRACTOR WILL ELIMINATE ANY POTENTIAL ISSUES AND ACCEPTANCE OF THE AGREEMENT SHALL BIND CONTRACTOR TO SAID ACCEPTANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA DURING CONSTRUCTION PERIOD. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
- PROVIDE BARRICADING AND MAINTAIN ANY REQUIRED LIGHTS, WARNING, AND DIRECTIONAL SIGNS, AND OTHER PROTECTION NEAR AND ABOUT THE AREA OF THE WORK AS MAY BE REQUIRED BY THE OWNER, OR BY ANY OTHER GOVERNING AUTHORITY. PROVIDE NECESSARY MEANS TO PROTECT ANY SURROUNDING ADJACENT SITE STRUCTURES, PROPERTIES, SERVICING UTILITIES, PEDESTRIAN AND VEHICLE WAYS, AND MAINTAIN ALL SAFETY MEASURES UNTIL WORK IS COMPLETED.
- PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND ADJACENT STRUCTURE(S), FINISHES AND UTILITIES DURING CONSTRUCTION.
- PROVIDE AND ENGINEER ALL TEMPORARY STRUCTURAL AND SAFETY ELEMENTS REQUIRED TO ACCOMPLISH THE WORK.
- THE CONTRACTOR SHALL EXERT EVERY EFFORT TO PREVENT DUST AND CONSTRUCTION DEBRIS FROM CONTAMINATING THE WORK AREAS. THESE EFFORTS SHALL INCLUDE BUT NOT BE LIMITED TO PROVIDING A DAILY CLEANUP OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CUTTING, BORING, SAW-CUTTING OR DRILLING THROUGH NEW STRUCTURAL MEMBERS OTHER THAN THOSE DETAILED ON STRUCTURAL DRAWINGS SHALL NOT BE DONE WITHOUT THE ENGINEER'S APPROVAL.
- PERFORM ALL PATCHING AND RESTORATION AS REQUIRED BY THE WORK. THE WORK SHALL MATCH ADJACENT SURFACES UNLESS SPECIFICALLY NOTED OTHERWISE TO THE SATISFACTION OF THE OWNER.



PROJECT NAME  
**CITY HALL  
HVAC REPLACEMENT  
PROJECT**

7822 Walker Street  
La Palma, CA 90623

CITY PROJECT NO. 17-BLDG-02



STAMP



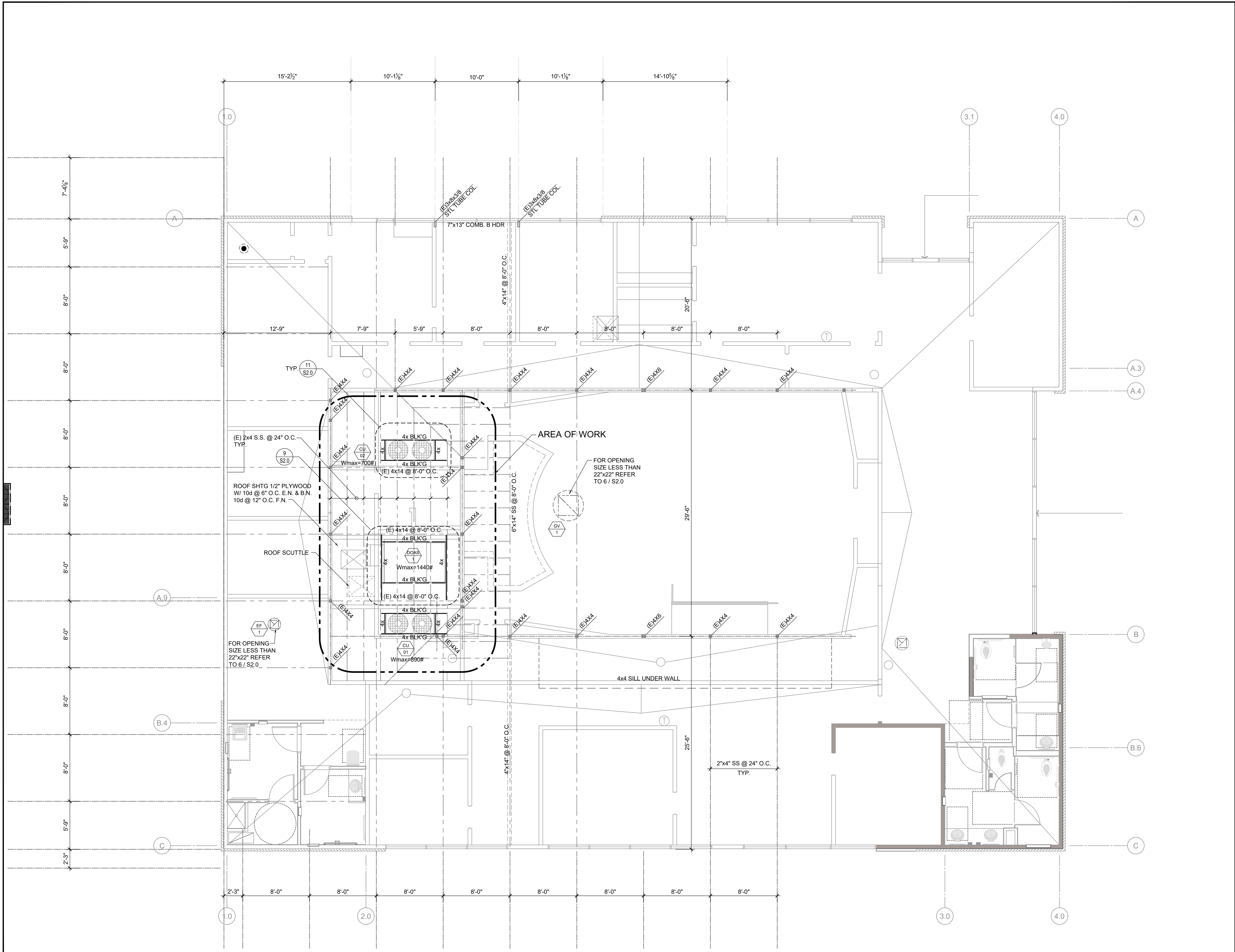
ISSUE		
REV.	DESCRIPTION	DATE
	CITY SUBMITTAL	3/16/2020

KEY PLAN

PROJECT NO.	17X115.00
PRINT DATE	3/16/2020
DRAWN BY	
CHECKED BY	

SHEET TITLE  
**STRUCTURAL  
GENERAL NOTES**

SHEET NUMBER  
**S0.1**



7822 WALKER STREET  
LA PALMA, CA 90623

**CITY HALL  
HVAC REPLACEMENT  
PROJECT**

7822 Walker Street  
La Palma, CA 90623  
CITY PROJECT NO. 17-BLDG-02

ENGINEER/ARCHITECT

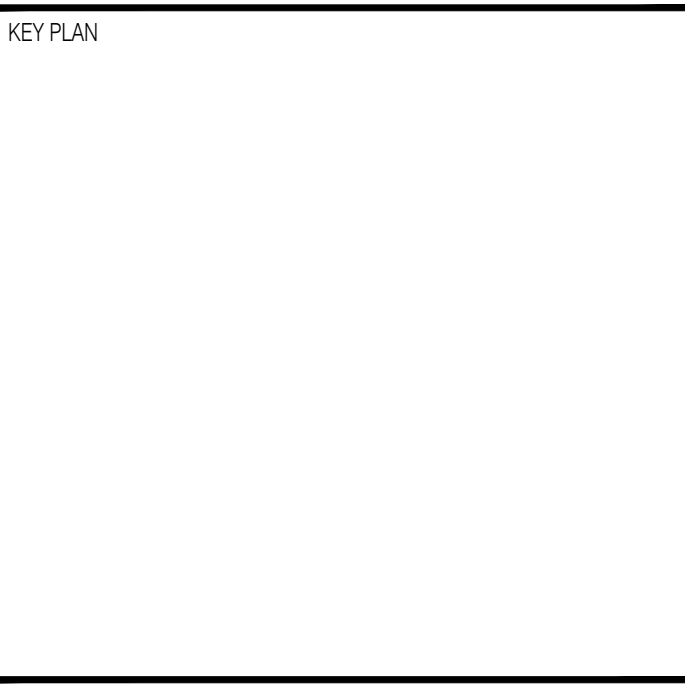


1 PETERS CANYON ROAD, SUITE 130  
IRVINE, CA 92606  
TEL: 949-387-8500, FAX: 949-387-0800

STAMP



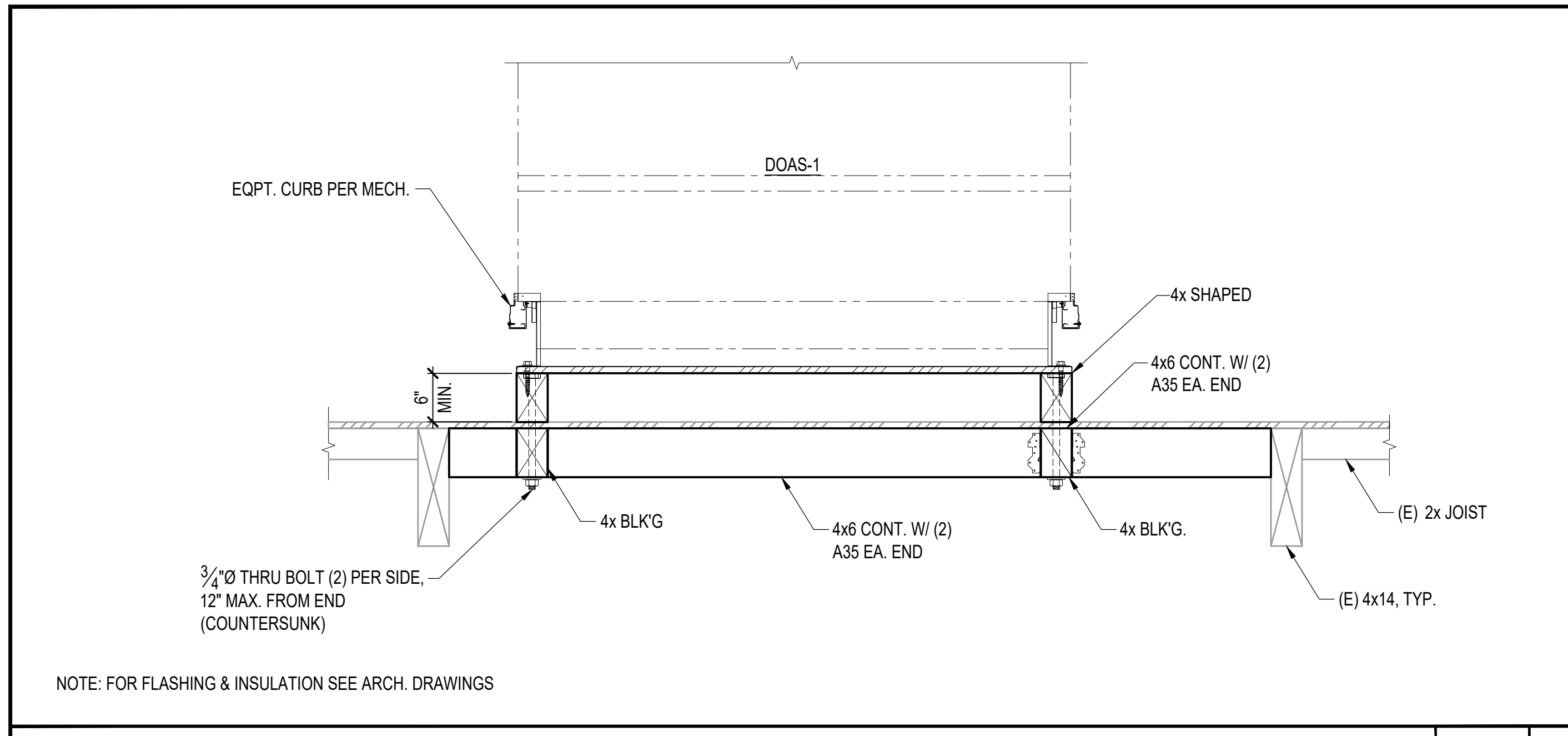
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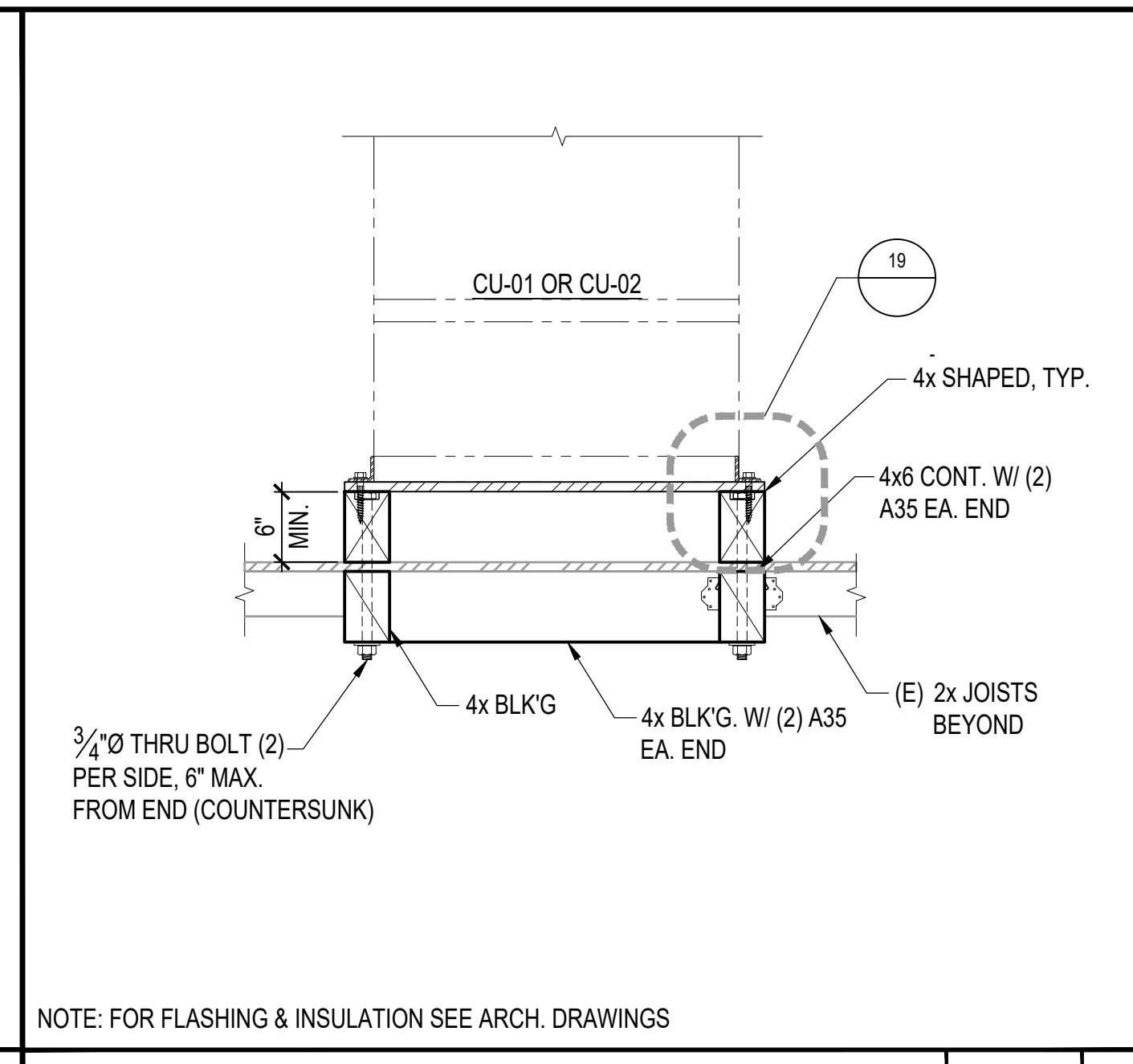
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PRINT DATE	3/16/2020
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**ROOF FRAMING  
PLAN**

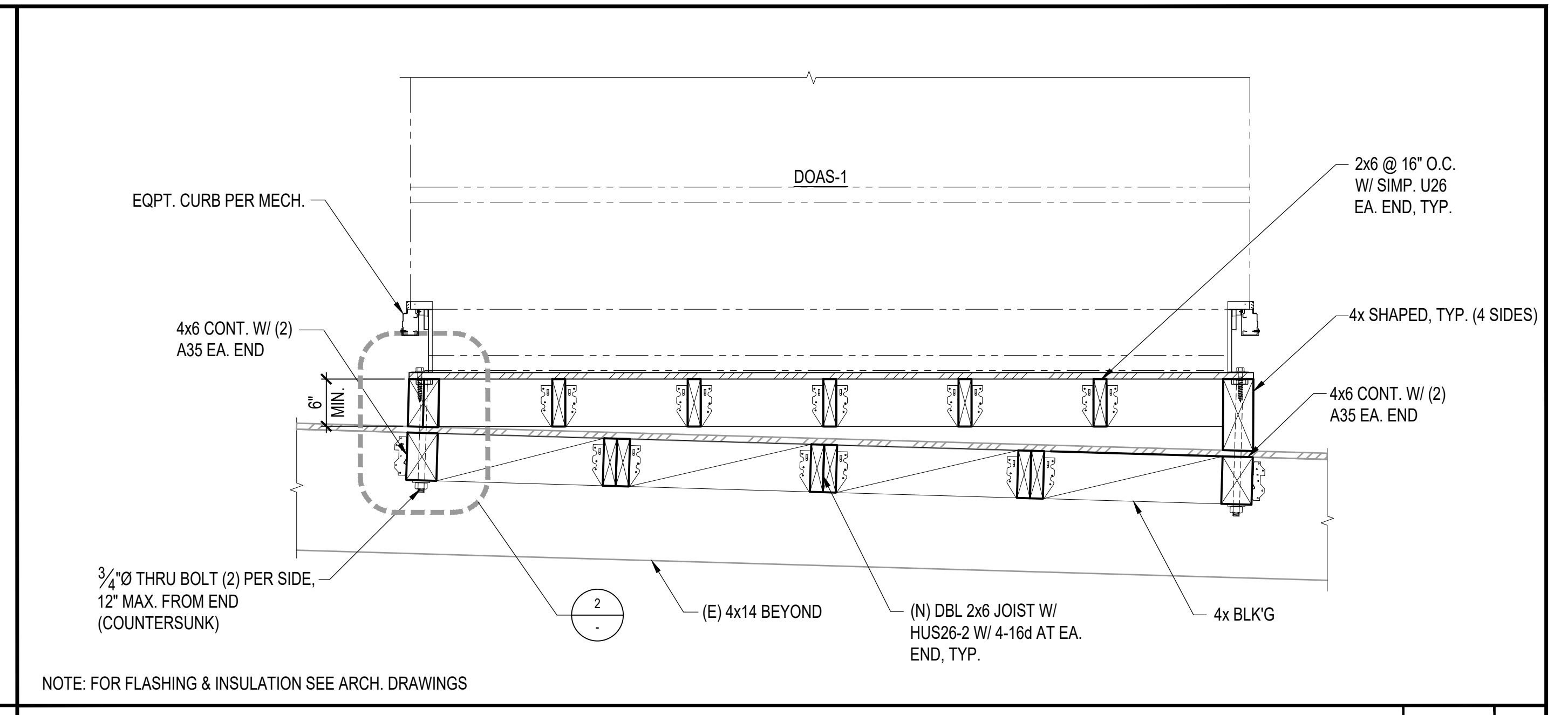
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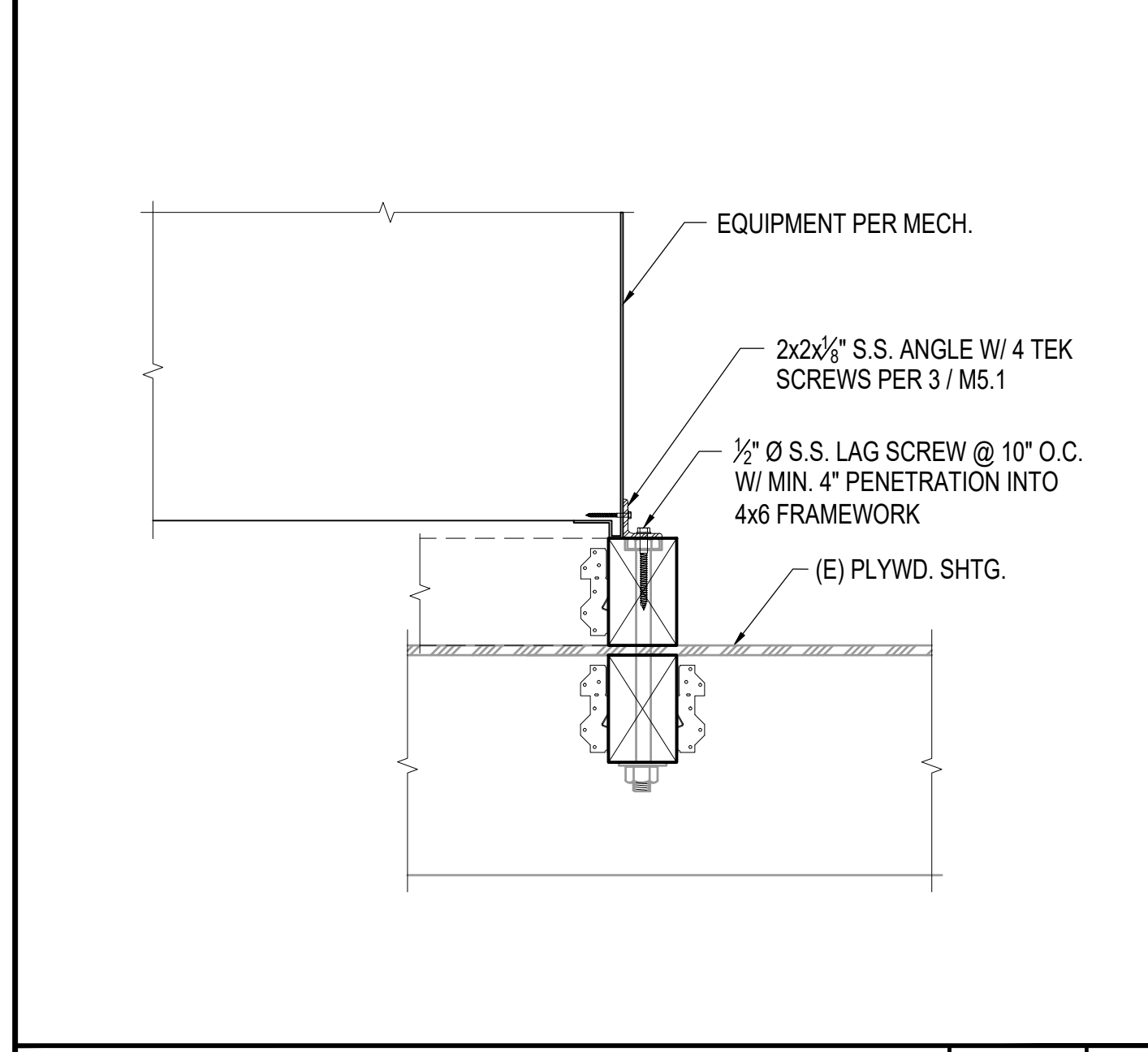
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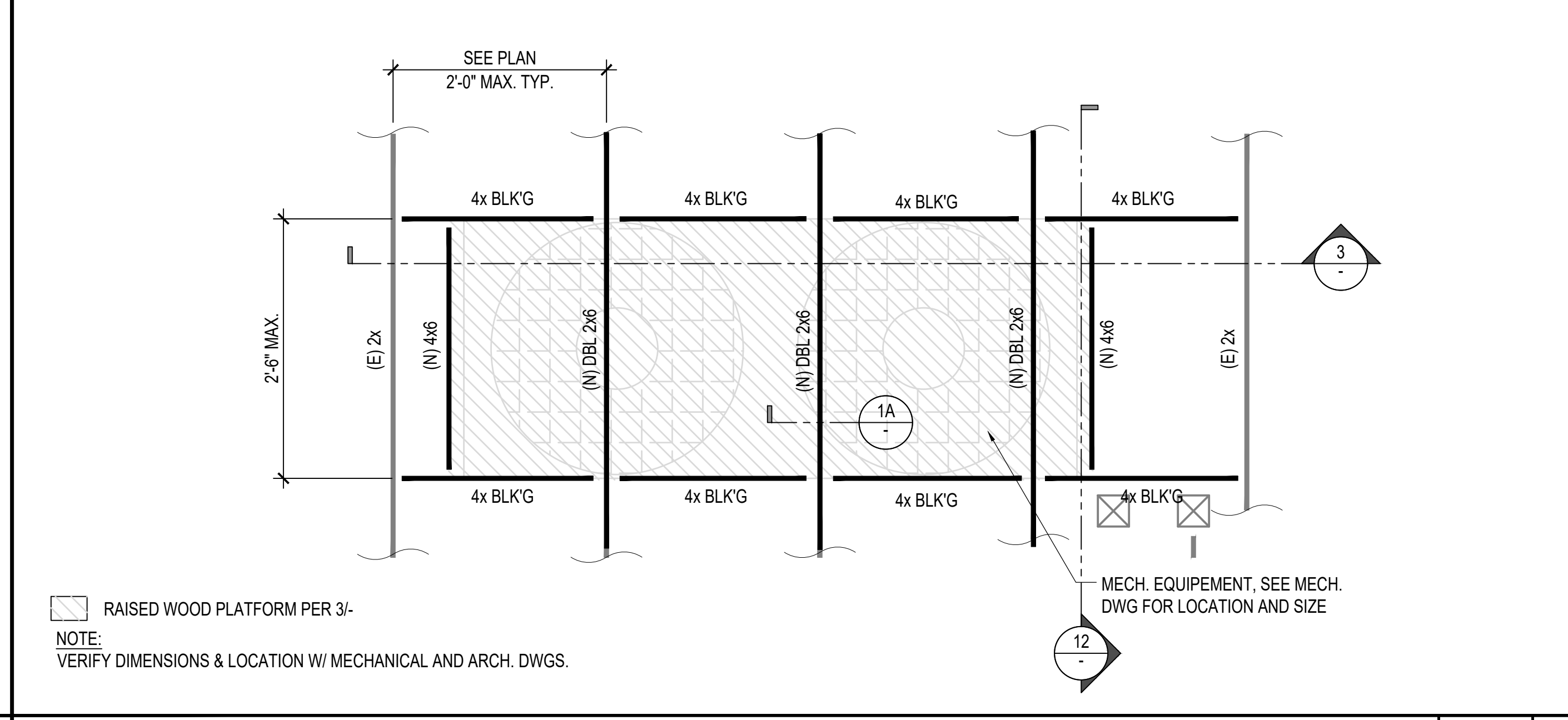
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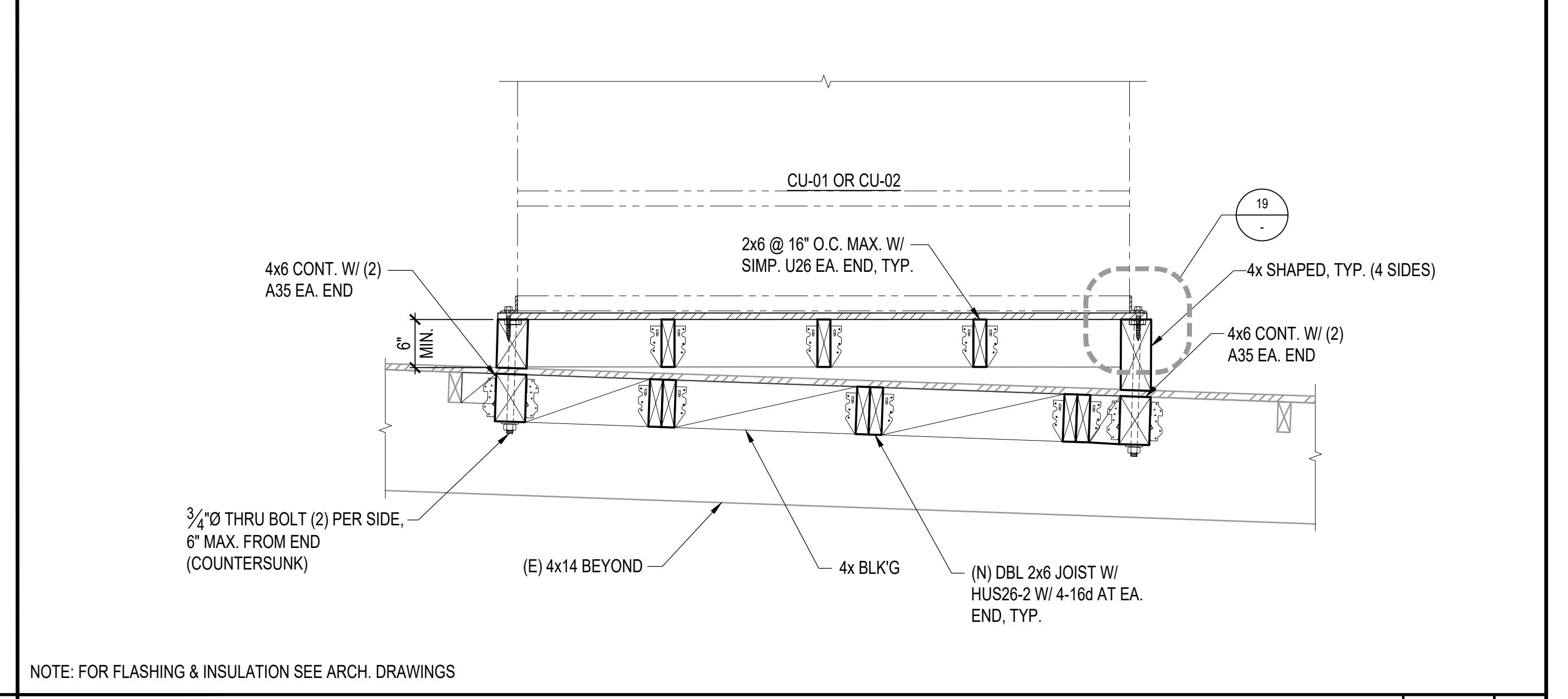
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EQPT CURB TO FRAMEWORK 19 N.T.S.



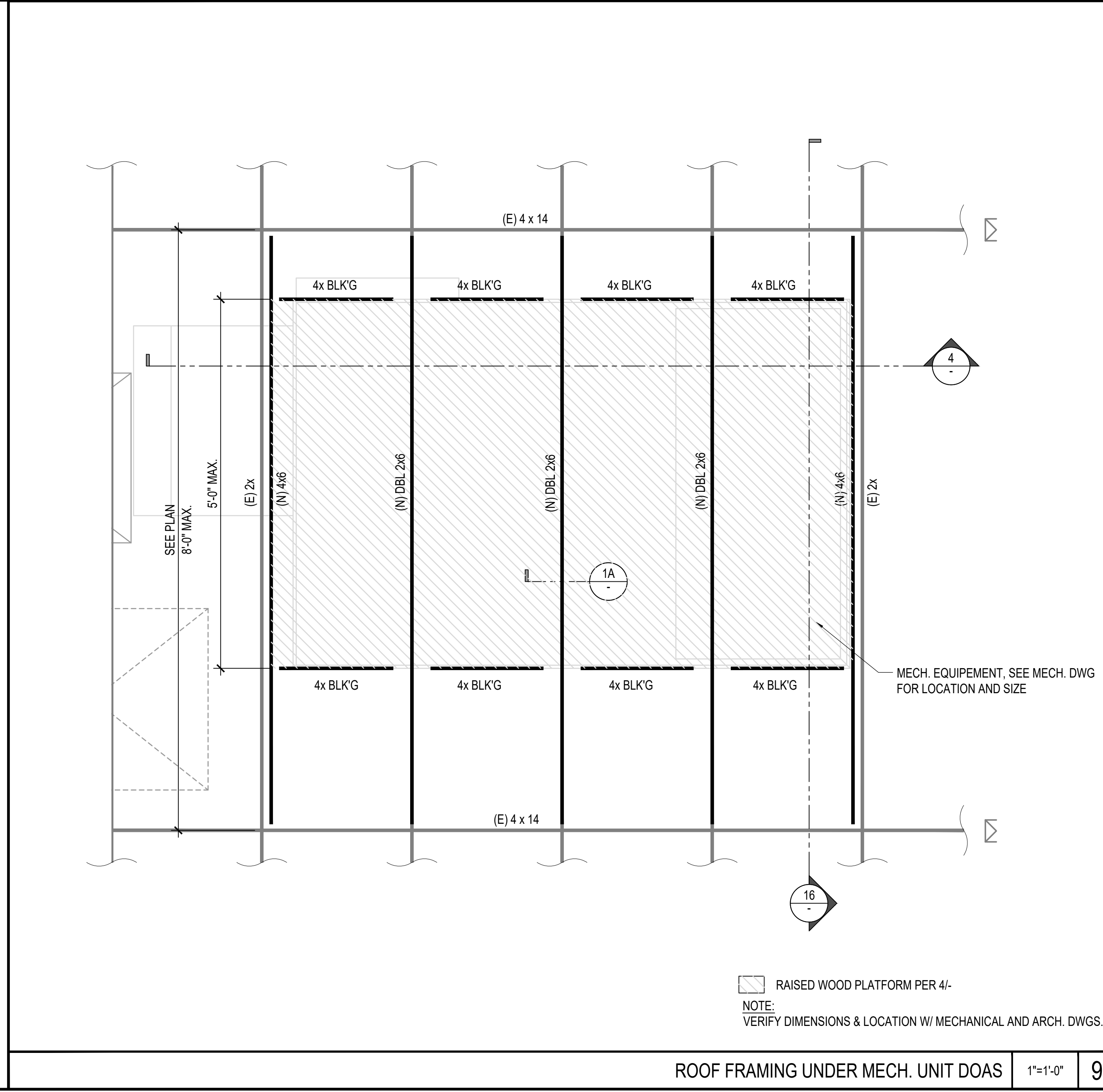
ROOF FRAMING PLAN UNDER MECH. UNIT CU-01 & CU-02 11 1" = 1'-0"



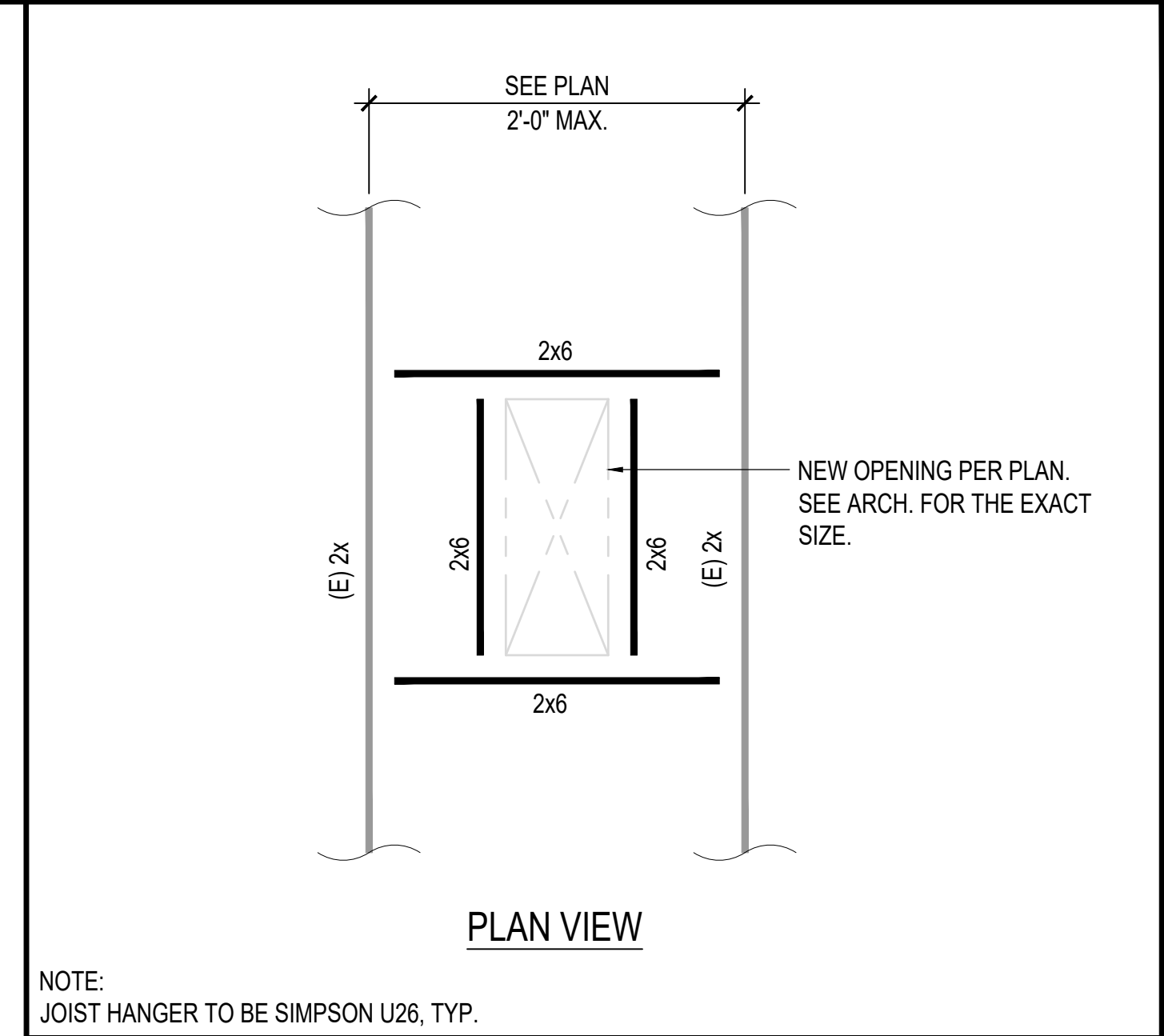
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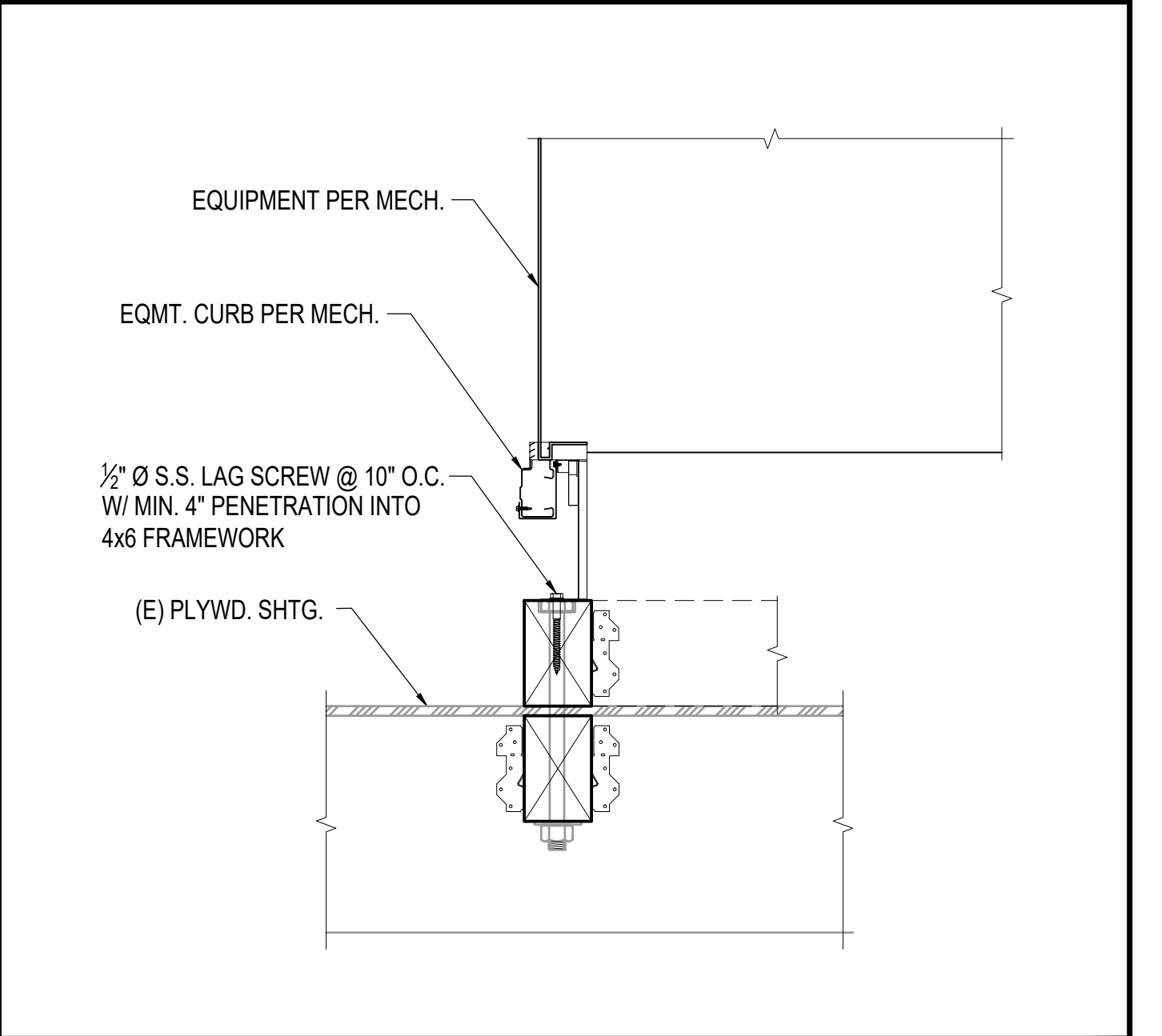
EQPT CURB TO FRAMEWORK 19 N.T.S.



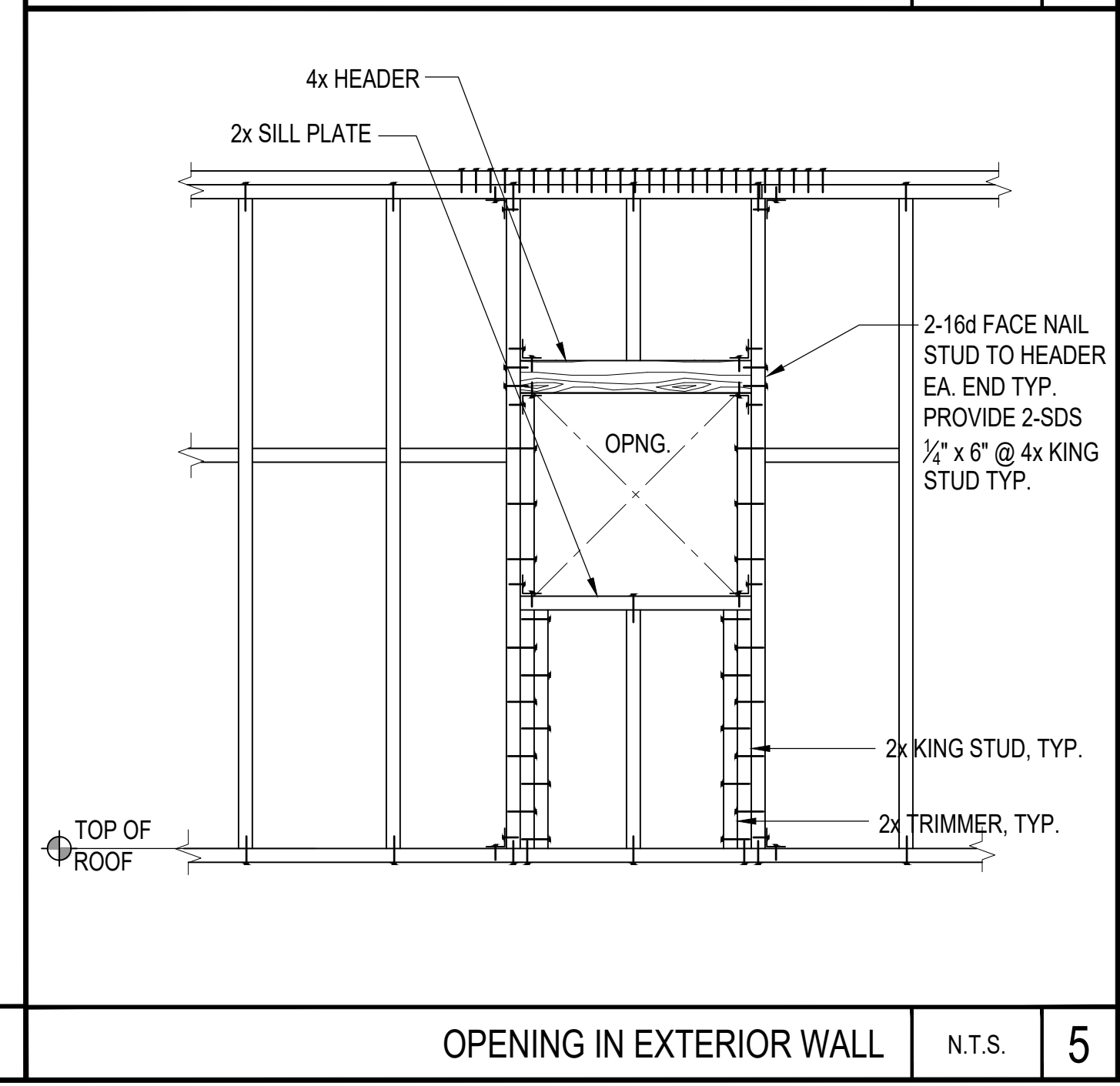
ROOF FRAMING UNDER MECH. UNIT DOAS 9 1" = 1'-0"



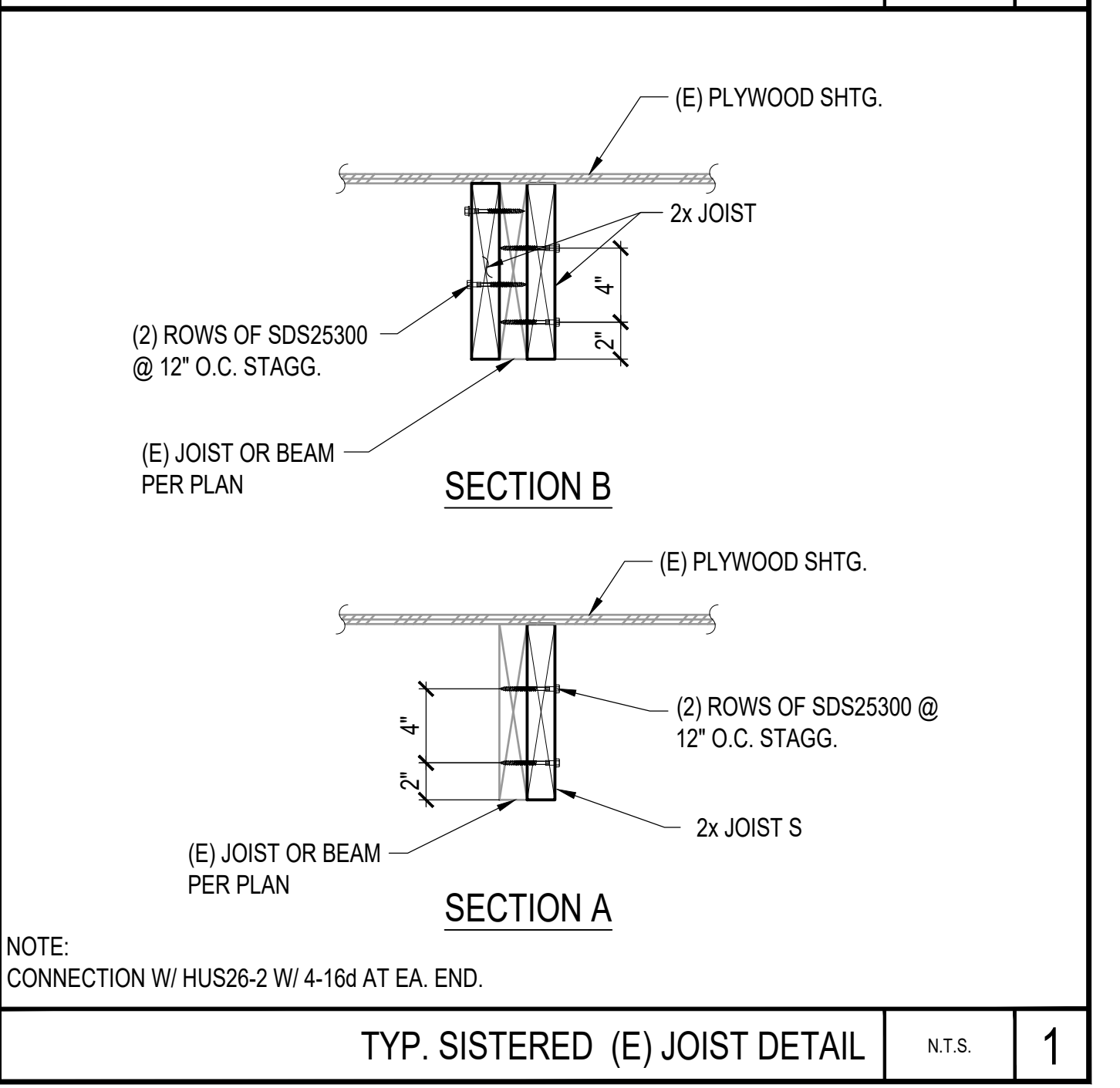
OPENING IN EXTERIOR WALL 5 N.T.S.



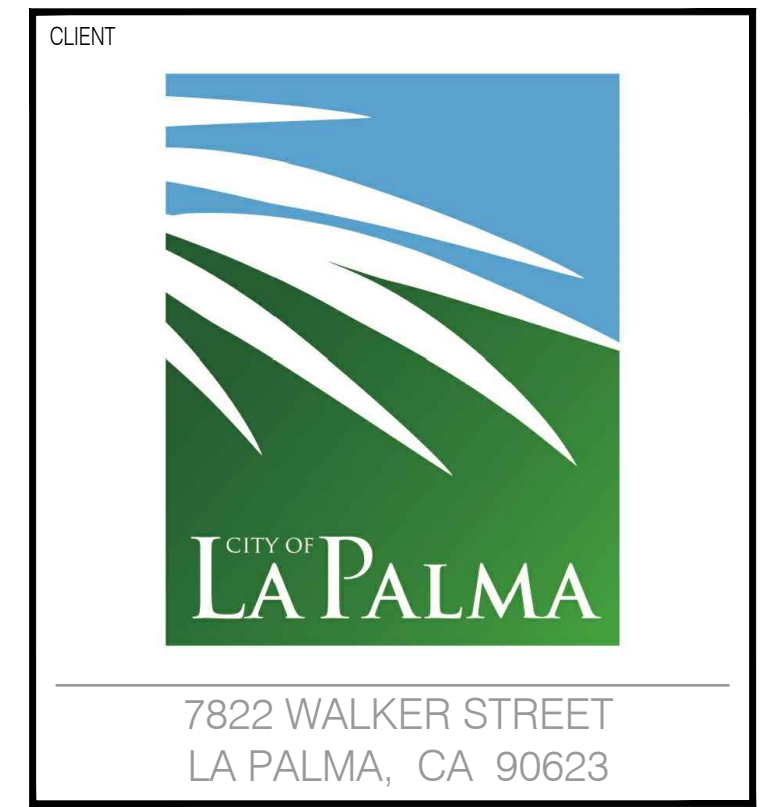
SECTION AT MECH. UNIT CU-01 & CU-02 3 N.T.S.



TYP. SMALL OPENING 6 N.T.S.

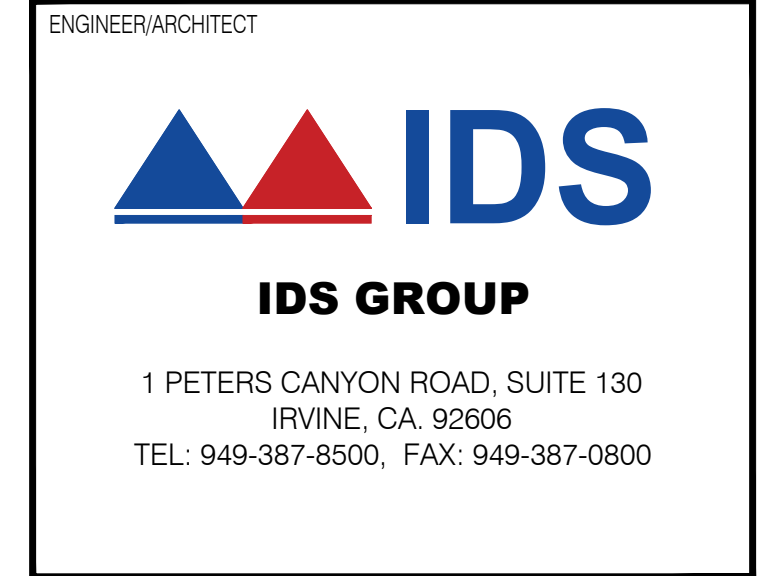


TYP. MECHANICAL EQUIPMENT CURB 2 N.T.S.



PROJECT NAME  
**CITY HALL  
HVAC REPLACEMENT  
PROJECT**

7822 Walker Street  
La Palma, CA 90623  
CITY PROJECT NO. 17-BLDG-02



STAMP



REV.	DESCRIPTION	DATE
	CITY SUBMITTAL	3/16/2020

KEY PLAN

PROJECT NO. 17X115.00  
PRINT DATE 3/16/2020  
DRAWN BY  
CHECKED BY

SHEET TITLE  
**FRAMING DETAILS**

SHEET NUMBER  
**S2.0**