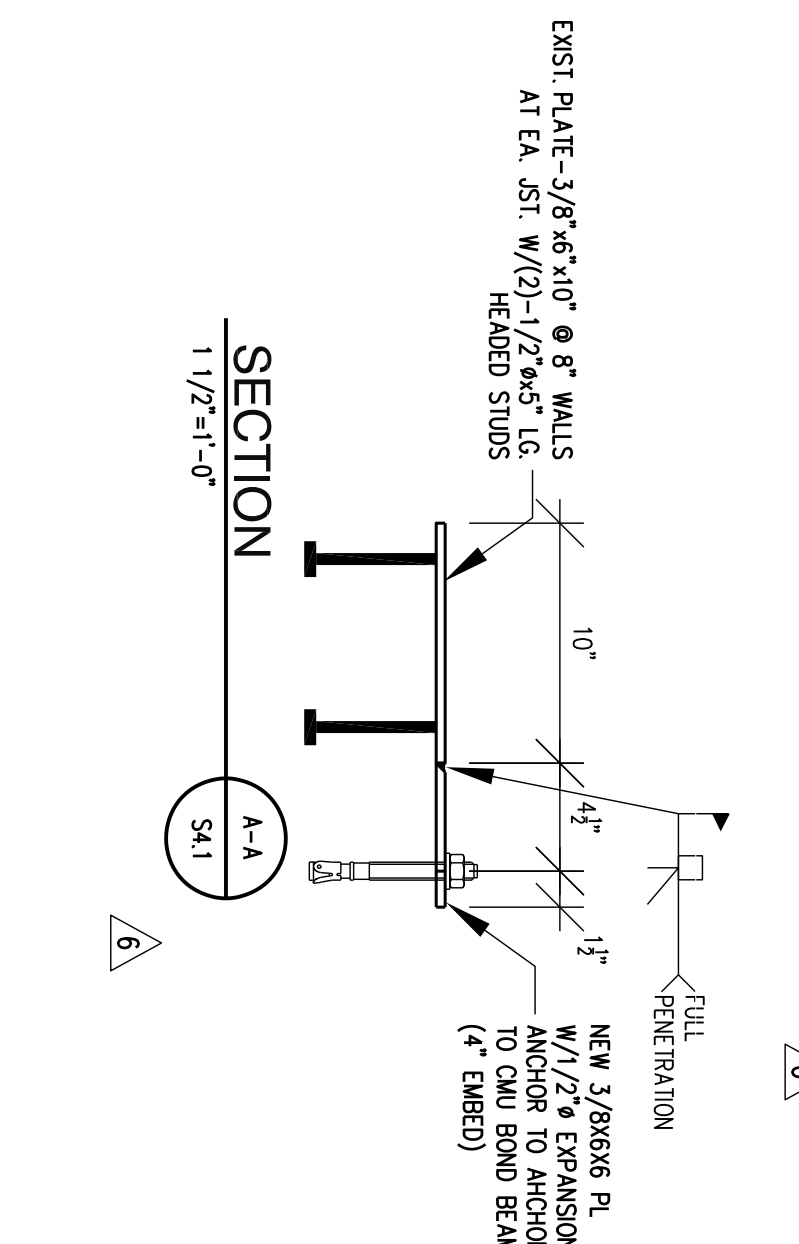
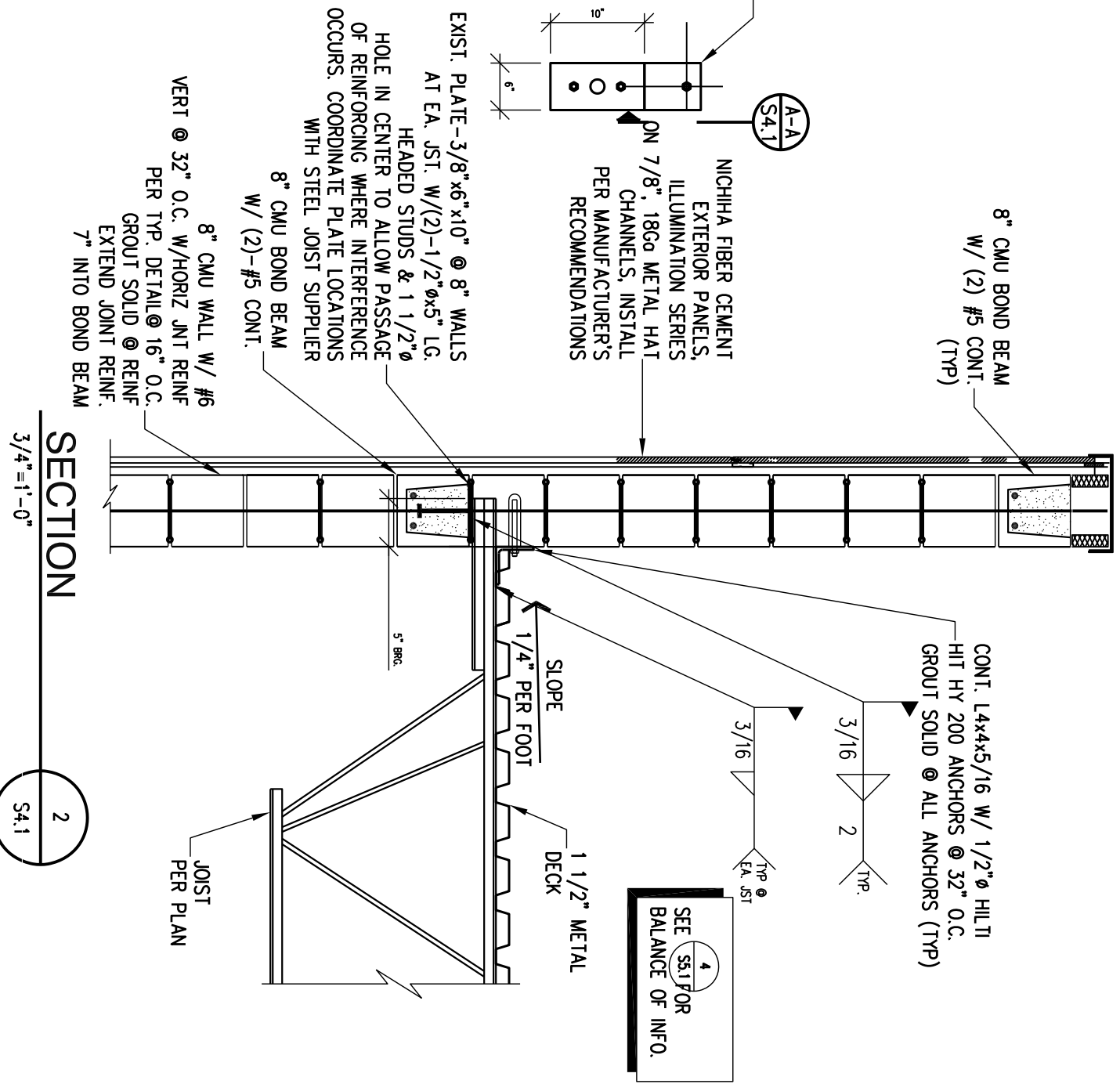
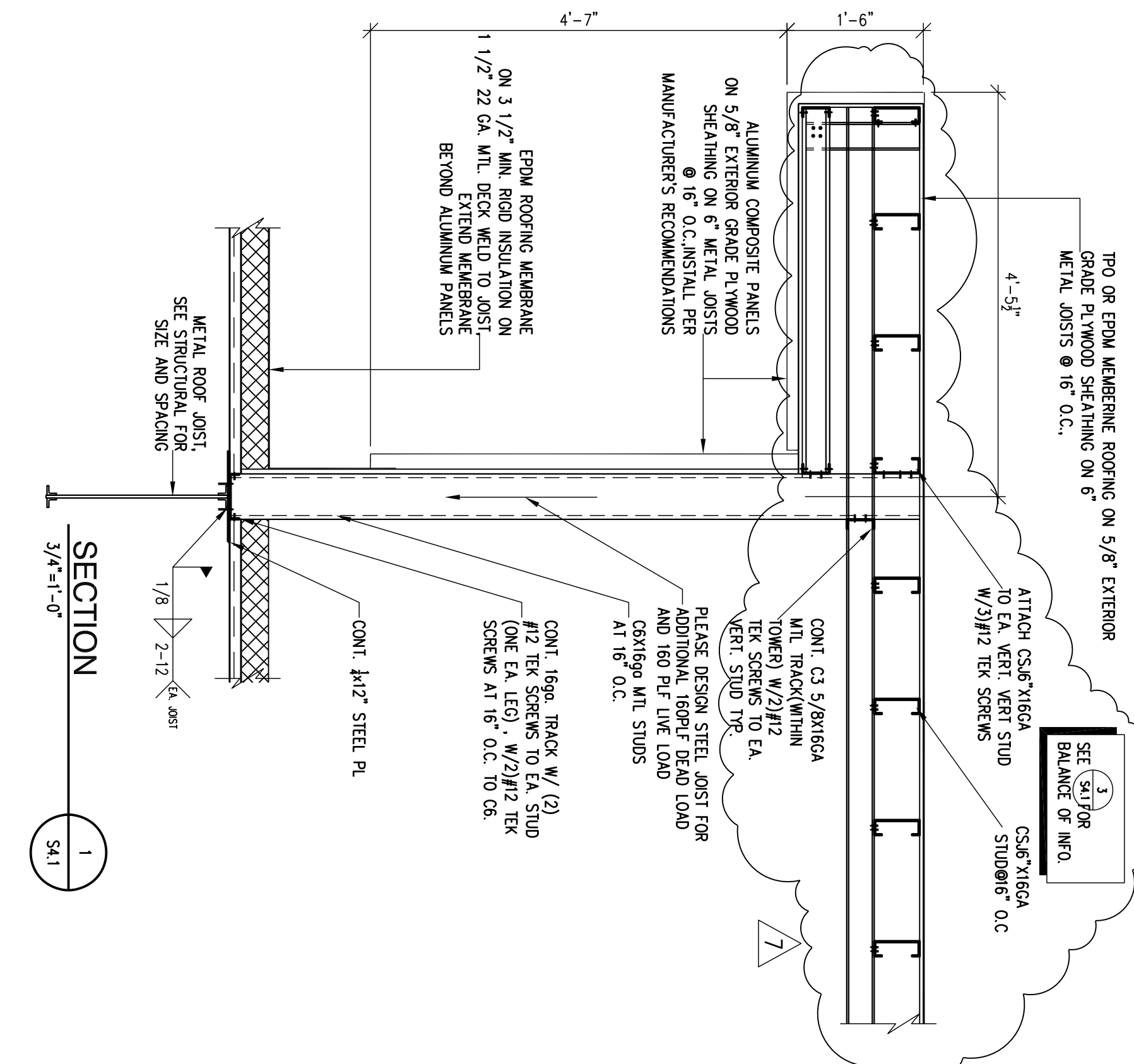
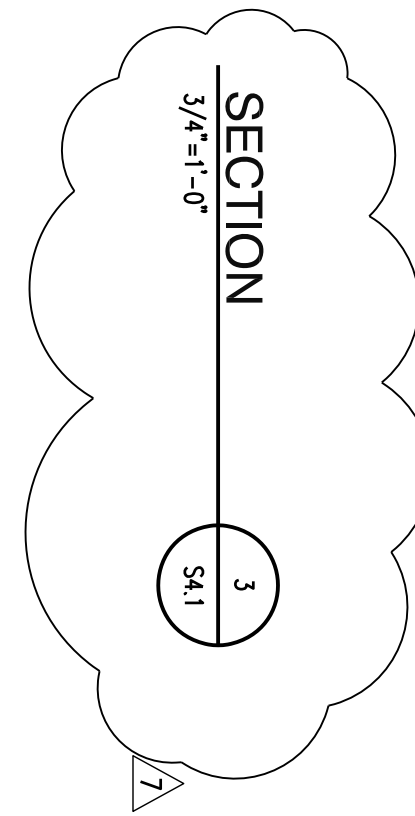
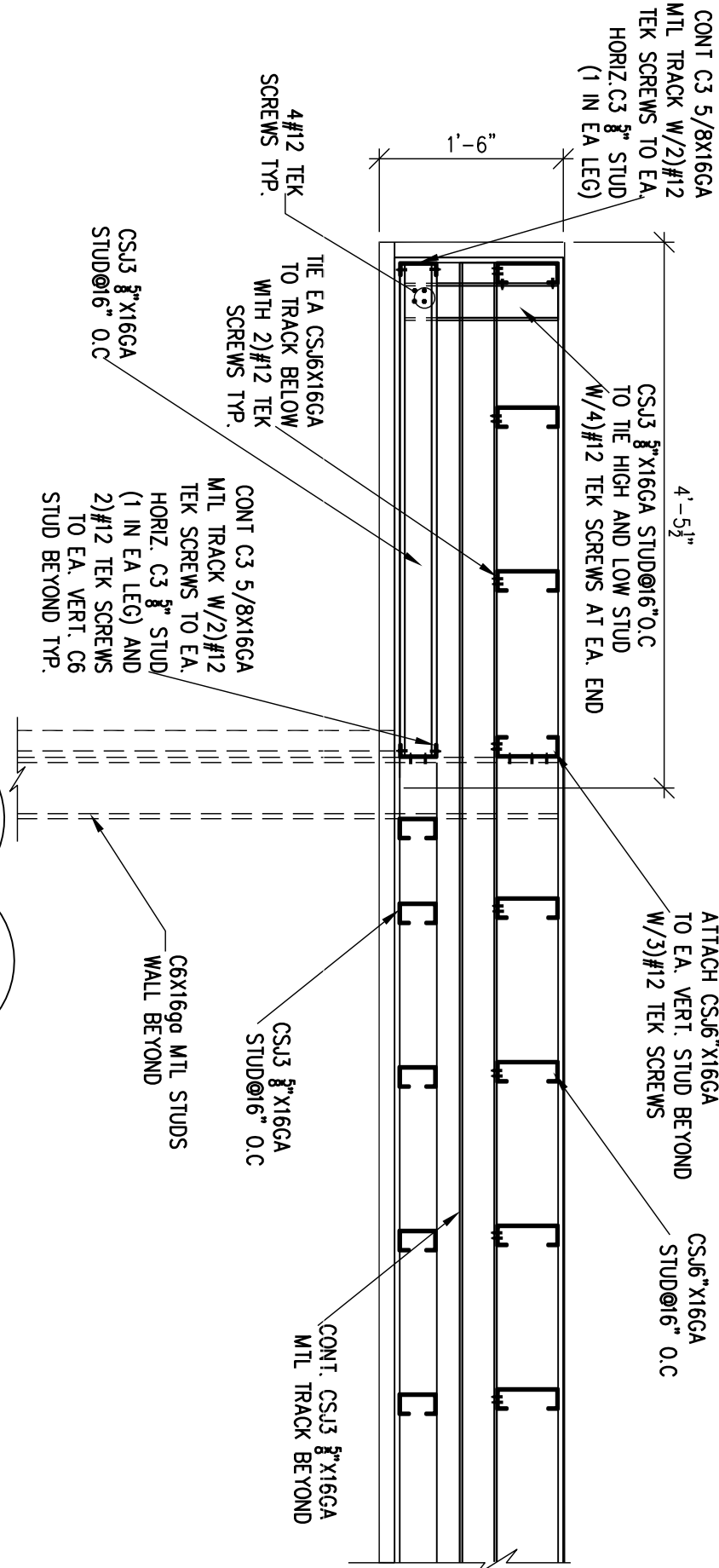


MARK	SIZE	DESCRIPTION
L1	2) 8" DEEP BOND BEAMS W/2#5'S IN EA. BOND BEAM	
L2	3) 8" DEEP BOND BEAMS W/2#5'S IN EA. BOND BEAM	

ROOF FRAMING PLAN

1. ROOF CONSTRUCTION: 1 1/2"X22 ga. WOE H&B PAINTED METAL. ROOF DECK: FASTEN TO CONCRETE SLAB WITH 1/2"X22 ga. WOE H&B PAINTED METAL. PROVIDE 5/8" RIBBLE WELDS @ 6" O.C. @ CONTINUOUS ANGLES. STEEL MEMBERS, JOISTS, ETC. @ DIAPHRAGM BOUNDARY CONDITIONS AND ALONG ALL PERIMETER WALLS.
2. TOP OF STRUCTURAL STEEL ELEVATION IS REFERENCED FROM FINISHED FLOOR ELEVATION = 100'-0" AND NOTED THUS (1/5) = XX'-X" ON PLAN.
3. FOR GENERAL NOTES AND TYPICAL DETAILS SEE DRAWINGS S4.1 TO S4.3.
4. PROVIDE VERTICAL CONTROL JOINTS IN MASONRY WALLS AT 20'-0" O.C. MAXIMUM UNLESS NOTED OTHERWISE. PROVIDE REINFORCED GROUTED CELL ON BOTH SIDES OF THE CONTROL JOINT. CONTRACTOR SHALL COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.
5. THE CONCENTRATED LOADS FROM MECHANICAL UNITS AND ROOF SCREENS ARE NOT INCLUDED IN THE SIZE CALCULAT FOR THE JOISTS. THE JOIST MANUFACTURER SHALL DESIGN JOIST GENERAL CONTRACTOR TO COORDINATE THE WEIGHTS AND LOCATIONS OF THE MECHANICAL UNITS WITH THE MECHANICAL CONTRACTOR.
6. COORDINATE ROOF OPENINGS AND ANGLE FRAMING LOCATIONS WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR. PROVIDE STEEL ANGLE FRAMING UNDER ALL ROOF TOP UNITS AND AROUND ALL ROOF OPENINGS. STRUCTURAL DRAWINGS DO NOT REFLECT MECHANICAL INFORMATION.
7. PROVIDE STRUT END JOIST AT EACH COLUMN WHERE JOIST OCCUR SEE TYPICAL DETAIL.
8. JOIST MANUFACTURER TO DESIGN JOIST FOR THE UPLIFT LOAD INDICATED IN GENERAL NOTES.



NOTE: THE STRUCTURAL DRAWINGS ARE NOT A SET OF STAND-ALONE CONSTRUCTION DOCUMENTS. THESE STRUCTURAL DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH ARCHITECTURAL AND OTHER RELATED DISCIPLINES DRAWINGS. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND CO-ORDINATE BETWEEN THE STRUCTURAL, ARCHITECTURAL, AND OTHER DISCIPLINES DRAWINGS. ANY DISCREPANCY BETWEEN THE DRAWINGS MUST BE BROUGHT TO THE ARCHITECT AND ENGINEERS ATTENTION FOR RESOLUTION PRIOR TO FABRICATION OR CONSTRUCTING THAT PORTION OF THE STRUCTURE.

Revisions  
5-1-24 4 REVISION #4  
9-23-24 6 REVISION #6  
Due to joint bearing plates shift  
11-6-24 7 CLASSIFICATION #7

Sheet Title:  
ROOF PLAN  
Drawn By:  
DS  
Sheet Number  
S4.1

Date: 3-9-2023  
Project Number: 220032

PROPOSED:  
CONVENIENCE STORE  
HAMBLÉN PLAZA

NOTE: THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING TECHNIQUES OF FABRICATION AND SAFETY AT THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR DESIGN AND INSTALLATION OF ALL TEMPORARY SHORING, BRACING, BOLTING, WELDING, LUGS, SEAT ANGLES, ETC. TO SAFELY CONSTRUCT THE PROJECT. THE CONTRACTOR IS TO COORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL AND OTHER DISCIPLINES' DRAWINGS AND TO BRING ANY DISCREPANCY TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO GOING AHEAD WITH CONSTRUCTION OF THAT SECTION.

LEE'S SUMMIT, MISSOURI

RELEASED FOR CONSTRUCTION  
As Noted on Plans Review  
Development Services Department  
Lee's Summit, Missouri  
11/07/2024

SUMMIT ENGINEERING GROUP LLC  
STRUCTURAL ENGINEERS  
12118 Fairpark Lane  
St. Louis, MO 63146  
Ph: 314-325-4999 Fax: 314-594-9922  
Email: eng@summit-engg.com

RANGWALA ARCHITECTS  
ARCHITECTURE SITE PLANNING  
201 S. CENTRAL AVE., SUITE #203, ST. LOUIS, MO-63105  
(314) 863-6661 FAX (314) 863-3718