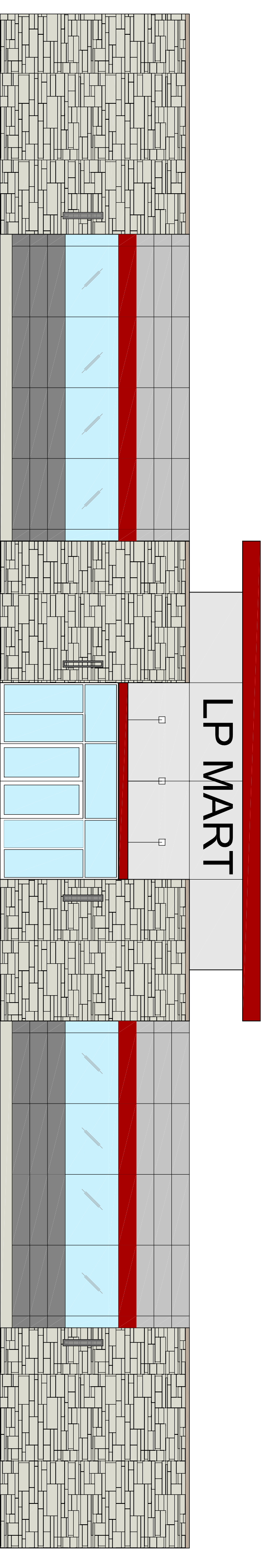


LION PETROLEUM CONVENIENCE STORE

HAMBLEEN PLAZA LEE'S SUMMIT, MISSOURI

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS & INSPECTIONS REQUIRED FOR CERTIFICATE OF OCCUPANCY.
- ALL WORK SHALL COMPLY TO THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL CODES, LAWS, RULES & REGULATIONS OF ALL LEGALLY CONSTITUTED PUBLIC AUTHORITIES HAVING JURISDICTION IN CASE OF CONFLICT BETWEEN REQUIREMENTS, THE MOST RESTRICTIVE SHALL APPLY.
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY SHORING AND BRACING FOR ALL STRUCTURAL ELEMENTS AS REQUIRED UNTIL NEW STRUCTURAL MEMBERS ARE PERMANENTLY INSTALLED. WHETHER INDICATED ON THE DRAWINGS OR NOT, IF THE CONTRACTOR IS UNABLE TO DETERMINE WHETHER OR NOT TO PROVIDE TEMPORARY SHORING AND BRACING HE SHALL ASK THE ARCHITECT OR STRUCTURAL ENGINEER IN WRITING PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND CRITICAL DIMENSIONS PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY OWNER & ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK. THIS VERIFICATION SHALL INCLUDE BUT NOT LIMITED TO LOCATION OF NEW FOUNDING MEMBERS, LINES OF SUPPORT, LOCATION OF ANCHOR BOLTS, HOLD DOWNS, EXISTING SITE CONDITIONS AND UTILITIES PRIOR TO ORDERING MATERIALS.
- CONTRACTOR TO VERIFY FIT & FINISH REQUIREMENTS FOR ALL PROJECT COMPONENTS WITH OWNER PRIOR TO ORDERING MATERIALS. REPORT CONFLICTING INFORMATION TO OWNER PRIOR TO PROCEEDING WITH WORK.
- CONTRACTOR SHALL DISPOSE OF ALL DEBRIS FROM CONSTRUCTION DEBRIS AS REQUIRED BY FEDERAL, STATE AND LOCAL ORDINANCES.
- THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, AS REQUIRED BY CODE, ARE TESTED BY INDEPENDENT LABORATORIES AND THAT RESULTS ARE FORWARDED TO LOCAL BUILDING AUTHORITY, OWNER AND THE PROJECT CONSULTANTS IF REQUESTED.
- CONTRACTOR SHALL STENCIL LABEL ON ALL RATED WALLS IN CONCEALED AREAS THE FOLLOWING: FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS.
- BY THE USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS AND THAT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT IS COMPLETE.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER CONTRACTORS PARTISIPING THE WORK. MATERIALS AND ALL WORK SO THAT THE WORK AS A WHOLE SHALL BE EXECUTED AND COMPLETED WITHIN THE OVERALL SCHEDULE. THE OWNER AND ARCHITECT SHALL NOT BE RESPONSIBLE FOR HOLDING THE WORK IF TEMPORARY SHEET AND BRACING IS NOT INSTALLED PRIOR TO DIMENSIONS BY THE GENERAL CONTRACTOR OR THE SUBCONTRACTORS ON THE JOB.
- CONTRACTOR SHALL COORDINATE THE REQUIREMENTS OF ANY AND ALL DRAWINGS INCLUDING ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER & ARCHITECT PRIOR TO ANY WORK.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOUNT WHETHER WITH THE DIMENSIONS OF ALL EQUIPMENT INCLUDED IN THIS PROJECT SO THAT PREPARATIONS CAN BE MADE TO RECEIVE EQUIPMENT INTO THE FACILITY WITH SUFFICIENT CLEARANCE AND TO ENSURE THAT ADEQUATE FLOOR SPACE IS AVAILABLE.
- CONTRACTOR SHALL VERIFY SCALE DRAWINGS, LOCATIONS FOR ALL PARTITIONS, WALLS, CEILING, ETC. WILL BE DETERMINED BY DIMENSIONS ON THE DRAWINGS. ANY SUCH DIMENSIONS MISSING FROM THE PLANS MUST BE BROUGHT TO THE ATTENTION OF THE OWNER & ARCHITECT IMMEDIATELY. ALL DIMENSIONS TO FACE OF STUD WALLS OTHERWISE NOTED CLEAR DIMENSIONS FINISH TO FINISH DIMENSIONS.
- THE CONTRACTOR SHALL ADHERE TO THE DRAWINGS AND SPECIFICATIONS. SHOULD ANY ERROR OR INCONSISTENCY APPEAR REGARDING THE TRUE MEANING AND/OR INTENT OF THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY REPORT SAME TO THE ARCHITECT WHO WILL MAKE ANY NECESSARY CLARIFICATION, INTERPRETATION OR REVISION AS REQUIRED.
- IF THE CONTRACTOR DISCOVERS AN ERROR OR INCONSISTENCY AND PROCEEDS WITH WORK WITHOUT NOTIFYING THE OWNER & ARCHITECT OF ANY SUCH DISCREPANCIES, HE SHALL ASSUME ALL CHARGES AND COSTS AND BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING AND/OR NEW WORK ON THE CONSTRUCTION.
- IF THE INTENT OF THE DRAWINGS & SPECIFICATIONS ARE UNCLEAR, THE CONTRACTOR SHALL ASK THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK. IN THE EVENT OF A WRITTEN REQUEST FOR INFORMATION, THE ARCHITECT SHALL THEN RESPOND IN WRITING TO ALL APPROVED PARTIES.
- CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OF WORK, MATERIALS & FINISHES, ETC. IN LEASED SPACE FROM LOSS, DAMAGE, FIRE, THEFT, ETC.
- WHEREVER THE TERM "OR EQUAL" IS USED, IT SHALL MEAN EQUAL PRODUCT AS APPROVED IN WRITING BY ARCHITECT.
- IF THE CONTRACTOR PROVIDES A MATERIAL OR EQUIPMENT SUBSTITUTION HE SHALL PROVIDE ALL APPROPRIATE DOCUMENTATION AND INFORMATION REQUIRED FOR THE ARCHITECT TO DETERMINE WHETHER OR NOT THE SUBSTITUTION IS EQUAL TO THE SPECIFICATION. ANY CHANGES TO THE DESIGN AFTER ISSUANCE OF A BUILDING PERMIT SHALL BE SUBMITTED TO THE RESIDING BUILDING AGENCY FOR APPROVAL BY THE GENERAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY WALL FINISHING REQUIRED TO CARET SHELF, HANGING AND VALANCE LOADS, RAILINGS ETC. AS PER PLANS AND CODES.
- PROVIDE SILLCOSE SEALANT AT ALL JOINTS AND INTERFACES OF ALL CONTRACTORS' EQUIPMENT, WALLS, WINDOWS AND DOOR OPENINGS.
- PROJECT SHALL BE LEFT CLEANED AND POLISHED AFTER COMPLETION OF WORK.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL HOOD SERVICE EQUIPMENT AND COORDINATE LOCATION OF FLOOR SINKS, FLOOR DRAINS, SLOPES, LAB DEPRESSIONS AND RAISED CURBS, ELECTRICAL AND PLUMBING SINKS, QUITS AND ALL OTHER WORK UNDER HIS SCOPE OF RESPONSIBILITY RELATED TO THIS EQUIPMENT. REFER TO OWNER'S FOOD SERVICE EQUIPMENT SHEET FOR SPECIFIC REQUIREMENTS & REFERENCES. EQUIPMENT DRAWINGS ARE INCLUDED FOR REFERENCE ONLY. ACTUAL SHOP DRAWINGS FOR THE SPECIFIC PROJECT MAY VARY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL WORK WITH THE REQUIREMENTS OF THE SUPPLIERS FOR THE MATERIALS REPRESENTED BY SHOP DRAWINGS.
- CONTRACTOR IS RESPONSIBLE FOR RECEIVING, UNLOADING, UNPACKING, INSTALLATION AND MAKE-UP OF ALL FOOD SERVICE EQUIPMENT AND OTHER OWNER FINISHED ITEMS AND DISPOSING OF ALL CARTONS.
- CONTRACTOR SHALL REFER TO THESE DOCUMENTS, AS WELL AS SPECIFICATIONS FOR IDENTIFICATION OF ALL OWNER SUPPLIED ITEMS. CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO ORDERING WHICH ITEMS THE OWNER SHALL SUPPLY, ALL ITEMS NOT MARKED AS OWNER SUPPLIED ARE TO BE SUPPLIED BY THE CONTRACTOR. UNLESS NOTED OTHERWISE, ALL ITEMS ARE TO BE INSTALLED BY GENERAL CONTRACTOR.
- FINISHES HAVE PRELIMINARY CLASSIFICATION OF INTERIOR FINISHES SHALL COMPLY TO THE BUILDING CODE AND LOCAL GOVERNING BUILDING CODES/ORDINANCES.
- CONTRACTOR SHALL CONTACT THE LOCAL FIRE MARSHALL AND PROVIDE AND INSTALL FIRE EXTINGUISHERS PER THE FIRE MARSHALL'S DIRECTION, INCLUDING THE QUANTITY, AND LOCATIONS, AS A MINIMUM CONTRACTOR SHALL PROVIDE FIVE EXTINGUISHERS HAVING A RATING OF 7-A-B-C FOR EVERY 3000 SF OF FLOOR AREA AND TRAVEL DISTANCE TO AN EXTINGUISHER SHALL NOT EXCEED 50 FEET.
- FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S STANDARD DETAILS OR APPROVED SHOP DRAWINGS/DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- DOCUMENTS MARKED "BID DOCUMENTS" SHALL NOT BE USED FOR CONSTRUCTION.
- POST OCCUPANT LOAD SCHEDULED IN SPECIFICATIONS PER LOCAL GOVERNING AGENCY REQUIREMENTS.
- SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT WHO SHALL REVIEW THEM AND PROVIDE A NOTATION INDICATING THAT DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE BUILDING. THESE SUBMITTAL ITEMS MUST THEN BE SUBMITTED TO THE BUILDING OFFICIAL. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. DEFERRED SUBMITTALS ARE AS FOLLOWS:



CODE BLOCK

BUILDING CODE	2020 INTERNATIONAL BUILDING CODE
	2020 INTERNATIONAL MECHANICAL CODE
	2020 NATIONAL ELECTRICAL CODE
	2020 INTERNATIONAL PLUMBING CODE
	2020 INTERNATIONAL ENERGY CONSERVATION CODE
	2020 INTERNATIONAL FIRE & SMOKE ALARM (ICC/ANSI) AHJ11-2009
DESIGN CRITERIA	CONFORMANCE STORE DESIGN IS SUBJECT TO THE 2020 INTERNATIONAL BUILDING DEVELOPMENT ORDINANCE SECTION 6.3.10
GAS STATION CANOPY USE GROUP	- UTILITY "U"
CONSTRUCTION TYPE	- TYPE 2B
BUILDING USE GROUP	- MERCANTILE "M"
CONSTRUCTION TYPE	- TYPE 2B
FIRE PROTECTION	- NON-SPRINKLERED
PROPOSED BUILDING AREA (C-STORE) AREA ALLOWED	- 6890 SF
	- 6900 SF
OCCUPANCY LOAD PER FOOT	
MAIN AREAS	3300/200 SF PER OCC
COOLERS AND STORAGE	1600/200 SF PER OCC
TOTAL	1000/200 SF PER OCC
	100 OCCUPANTS
TOTAL EXIT DOOR WIDTH PER 100SF	10 X 0.22
	22.4" / 0.25"



PROJECT DIRECTORY

OWNER
LION PETROLEUM
4921 LINCOLL BLVD
ST. LOUIS, MO 63108
PHONE: (314) 892 1118
EMAIL: market@lionpetroleum.com

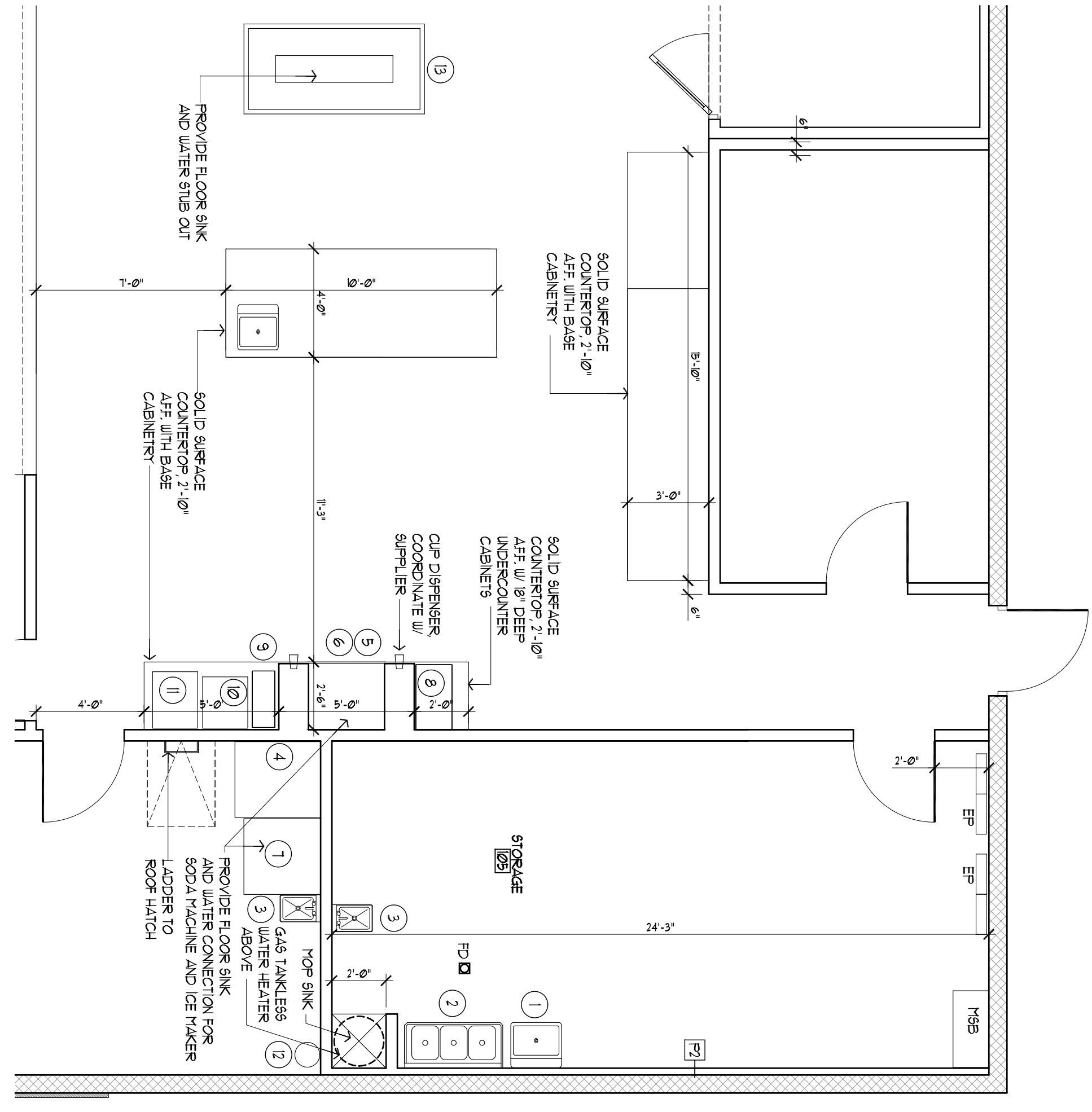
ARCHITECTS
RANKMULL & ARCHITECTS
201 S. CENTRAL AVE. SUITE 203
ST. LOUIS, MO 63105
PHONE: (314) 933 6661
FAX: (314) 933 6661
EMAIL: info@rankmullarchitects.com
CONTACT: SALT RANKMULL
CIVIL ENGINEERS

MEP ENGINEERS
ION ZEKUD ME CONSULTING ENGINEERS
1716 WHITE ROAD
CHESTERFIELD, MO 63001
PHONE: (314) 878-2700
FAX: (314) 878-2700
CONTACT: ION ZEKUD

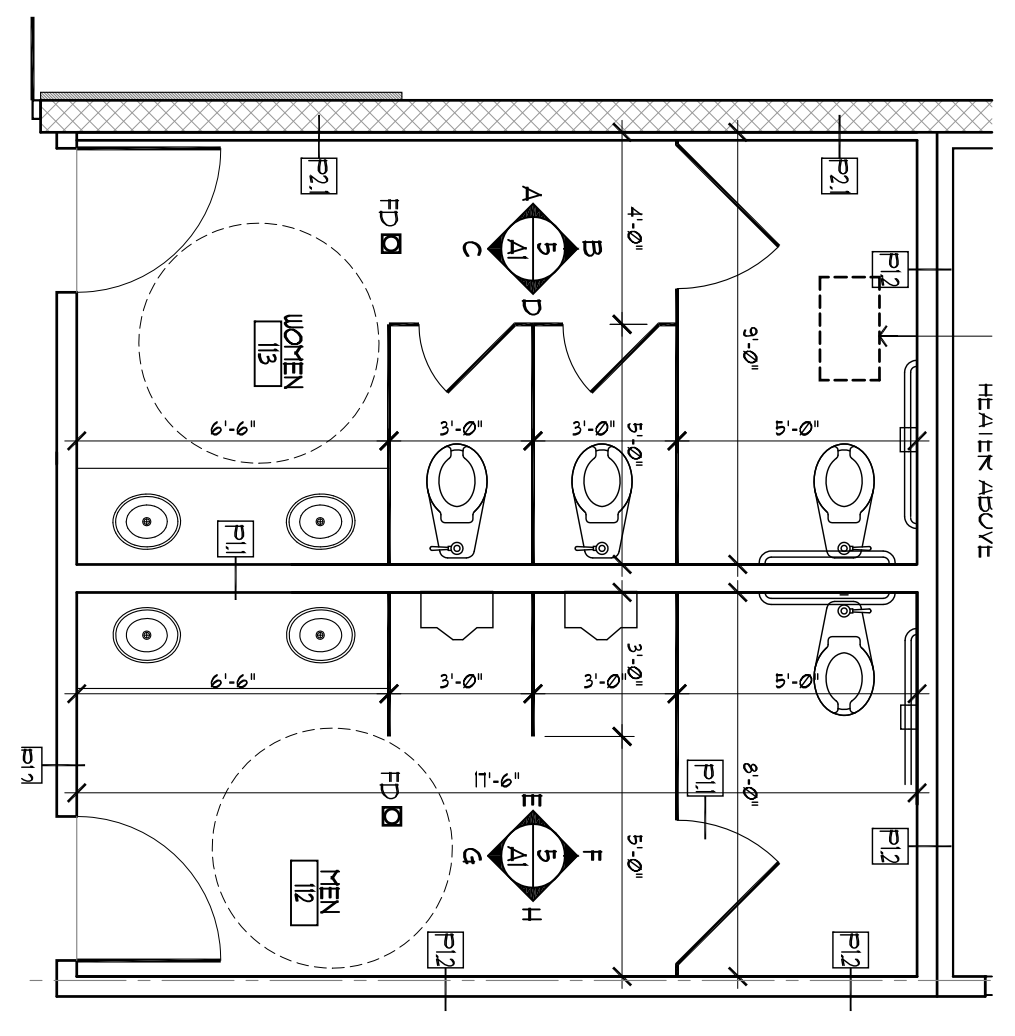
STRUCTURAL ENGINEERS
S&H/TI ENGINEERING GROUP LLC
1018 FAIRMARKE LINE
ST. LOUIS, MO 63146
PHONE: (314) 486-6699
FAX: (314) 486-5822
EMAIL: info@sandhiti.com
CONTACT: DAVID SHAN

LIST OF DRAWINGS

SHEET	DESCRIPTION
A-1	TITLE SHEET, CODE REVIEW
A-1	FLOOR PLAN, ENLARGED PLAN, RESTROOM ELEVATIONS
A-2	RC PLAN, ROOF PLAN, DETAILS
A-3	EXTERIOR ELEVATIONS, SCHEDULES
A-4	BUILDING SECTIONS, WALL SECTIONS
A-5	WALL SECTIONS
A-6	GENERAL NOTES
E-1	GENERAL NOTES & TYPICAL DETAILS
E-2	FOUNDATION PLAN
E-3	ROOF RAYING PLAN
E-4	ROOF DETAILS
E-5	ELECTRICAL POWER BOARD SCHEDULE
E-6	ELECTRICAL SPECIFICATIONS
M-1	HVAC PLAN
M-2	MECHANICAL SCHEDULES
M-3	MECHANICAL DETAILS
M-4	MECHANICAL SPECIFICATION
M-5	PLUMBING PLAN
P-1	PLUMBING SCHEDULES
P-2	PLUMBING DETAILS
P-3	PLUMBING SPECIFICATIONS
P-4	SITE LIGHTING
91-1	



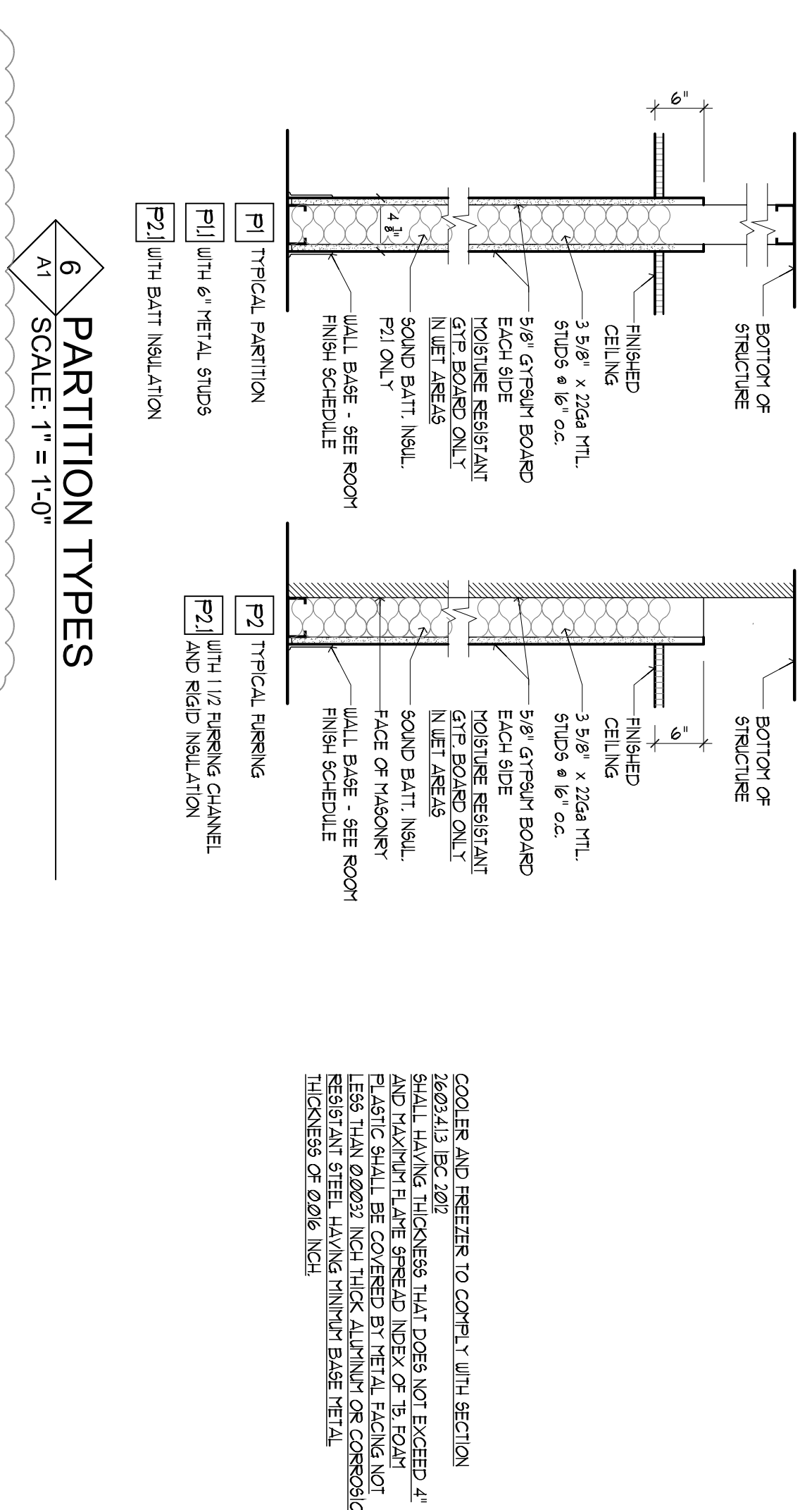
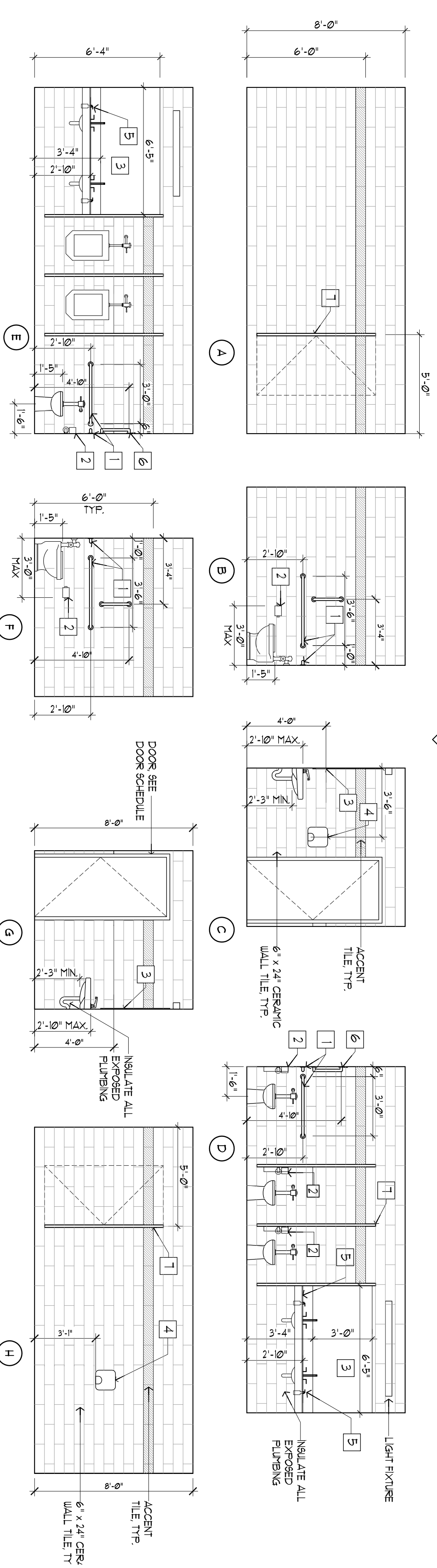
- KITCHEN EQUIPMENT**
- 1 PREP SINK
 - 2 3-COMPARTMENT SINK WITH GREASE TRAP BELOW
 - 3 HAND SINK
 - 4 BAG IN BOX
 - 5 SODA MACHINE BY SERRANO 2 VALVE SANITARY LETTER COUNTER TOP
 - 6 ICE MAKER
 - 7 CE MAKER 1 BIN
 - 8 SLUSH POPPER
 - 9 BLUSH SINGLE SOFT HEAT
 - 10 BLUSH DISPENSER
 - 11 CHARIS CARPICO
 - 12 300 LB OF CARBON DIVIDE
 - 13 OPEN AIR REFRIGERATOR



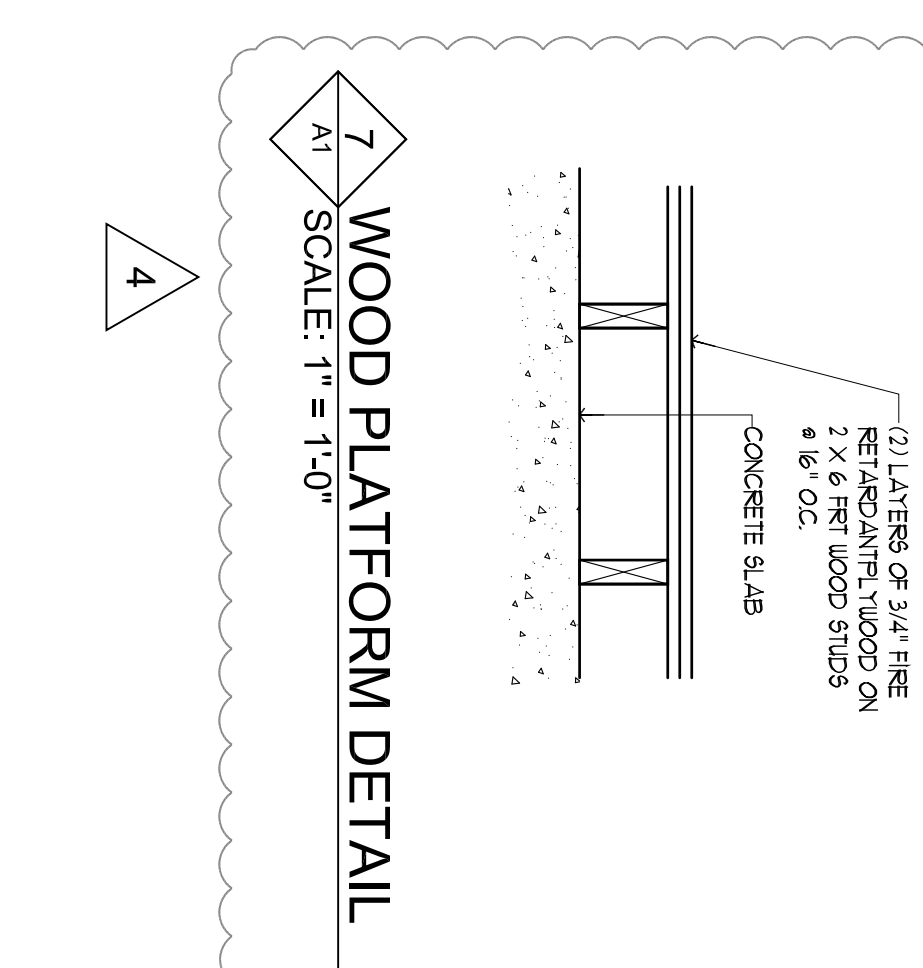
NO.	DESCRIPTION	QUANTITY	REMARKS
1	10" DIA. STAINLESS STEEL GRAB BAR (HORIZONTAL HEIGHT 34" AFF)	2	FOR MEN
2	DOOR TO MEN RESTROOM	1	FOR MEN
3	10" DIA. STAINLESS STEEL GRAB BAR (VERTICAL HEIGHT 34" AFF)	2	FOR MEN
4	EXHAUST FAN OVER MEN RESTROOM	1	FOR MEN
5	10" DIA. STAINLESS STEEL GRAB BAR (HORIZONTAL HEIGHT 34" AFF)	2	FOR WOMEN
6	DOOR TO WOMEN RESTROOM	1	FOR WOMEN
7	EXHAUST FAN OVER WOMEN RESTROOM	1	FOR WOMEN
8	10" DIA. STAINLESS STEEL GRAB BAR (VERTICAL HEIGHT 34" AFF)	2	FOR WOMEN
9	10" DIA. STAINLESS STEEL GRAB BAR (HORIZONTAL HEIGHT 34" AFF)	2	FOR WOMEN

3 ENLARGED KITCHEN PLAN
SCALE: 1/4" = 1'-0"

5 RESTROOMS ELEVATIONS
SCALE: 1/4" = 1'-0"

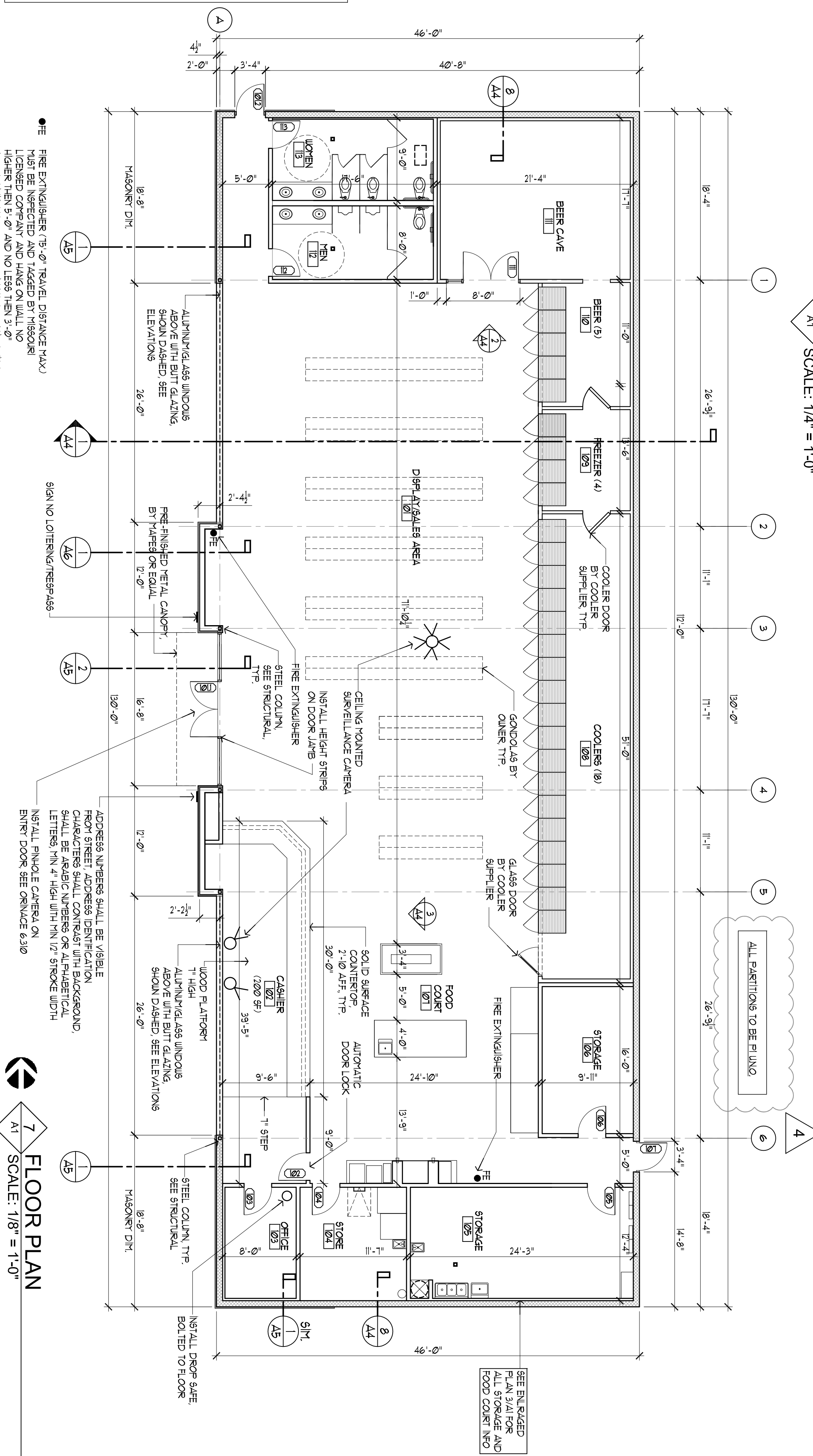


6 PARTITION TYPES
SCALE: 1" = 1'-0"



7 WOOD PLATFORM DETAIL
SCALE: 1" = 1'-0"

- UNBID DEVELOPMENT ORDINANCE SECTION 63.02**
1. INDOOR LIGHT LEVELS ARE SUFFICIENT VISIBILITY TO PROVIDE FOR HIGH RESOLUTION FOR VIDEO DATA RECORDING
 2. OUTDOOR LIGHTING LEVEL OF FIVE FOOTCANDLES SHALL BE MAINTAINED ON STORE ENTRANCE
 3. TWO COLOR DIGITAL HIGH DEFINITION SURVEILLANCE CAMERAS IS INSTALLED ONE TO EACH STORE ENTRANCE AND ONE TO EACH STORE EXIT. THE PLAN SHALL SHOW THE LOCATION OF STORE ENTRANCE AND STORE EXIT. THE PLAN SHALL SHOW THE LOCATION OF STORE ENTRANCE AND STORE EXIT. THE PLAN SHALL SHOW THE LOCATION OF STORE ENTRANCE AND STORE EXIT.
 4. MINIMUM VIEW OF STORES AND ONE DOOR POINTED PANEL CAMERA SHALL BE INSTALLED AT EACH STORE ENTRANCE AND STORE EXIT. THE PLAN SHALL SHOW THE LOCATION OF STORE ENTRANCE AND STORE EXIT. THE PLAN SHALL SHOW THE LOCATION OF STORE ENTRANCE AND STORE EXIT.
 5. SURVEILLANCE DATA WILL BE RETAINED FOR 30 DAYS MIN.
 6. ALWAYS STAY IN TO BE NOTICED OFF-SITE
 7. BLIND PANEL ALWAYS IS TO BE INSTALLED AT EACH CASH REGISTER
 8. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 9. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 10. UNOBSTRUCTED LINE OF SIGHT SHALL BE MAINTAINED ALL TIERS FROM CASH REGISTERS TO DOORS
 11. WINDOW AREAS SHALL BE FREE FROM POSTERS OR OTHER SIGNAGE
 12. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 13. THE FLOOR AREA SHALL BE ELEVATED MIN OF 1 INCHES ABOVE FLOOR SEE PLAN
 14. DROP SAFE BOLTED TO FLOOR TO BE INSTALLED AT PUBLIC ENTRANCE IN DIRECT VIEW OF EMPLOYEES
 15. HEIGHT STRIPS SHALL BE INSTALLED AT PUBLIC ENTRANCE IN DIRECT VIEW OF EMPLOYEES
 16. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 17. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 18. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 19. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER
 20. ALL STORES SHALL BE INSTALLED AT EACH CASH REGISTER



7 FLOOR PLAN
SCALE: 1/8" = 1'-0"

Revisions

1. 11-28-22
2. 05-15-23
3. 08-22-23
4. 05-01-24

Sheet Title: Floor Plan Schedules

Drawn By: EC

Sheet Number: A-1

Date: 08-31-22

Project Number:

PROPOSED:

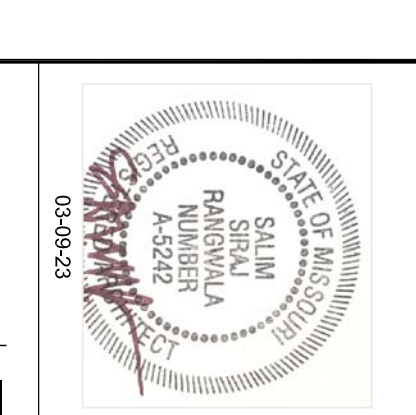
CONVENIENCE STORE

HAMBLIN PLAZA

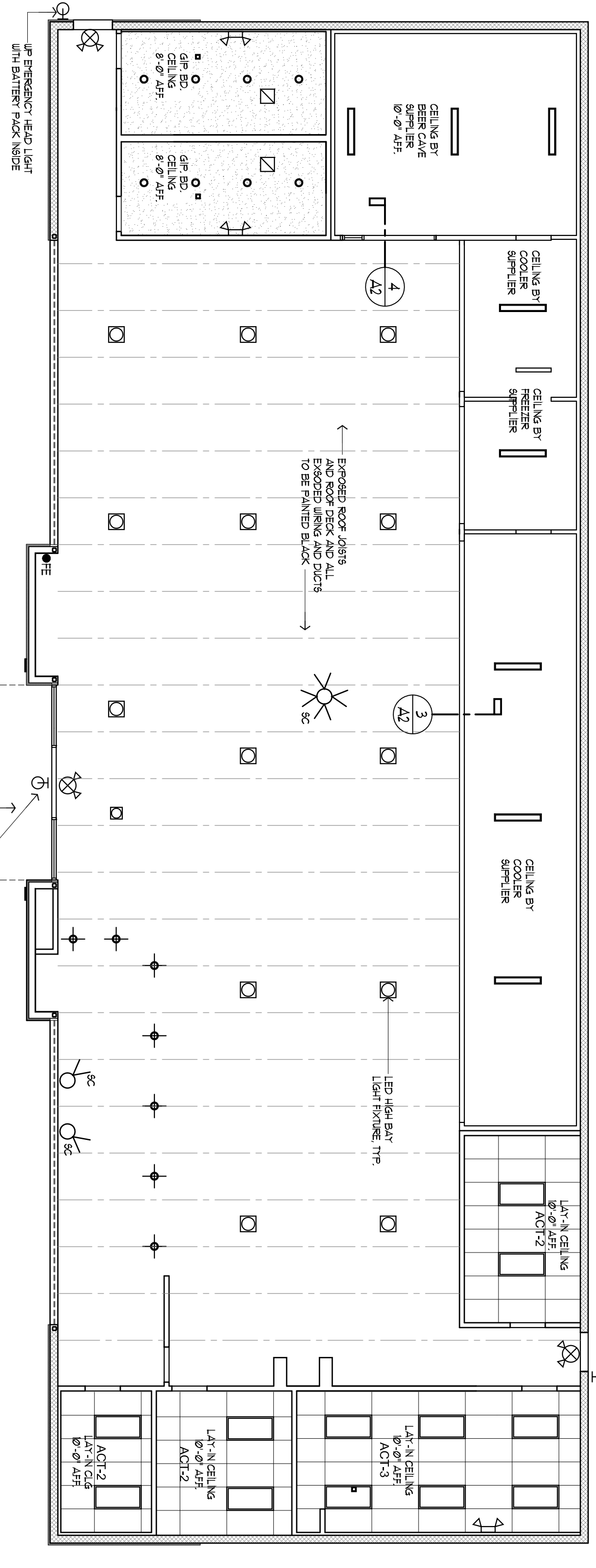
LEE'S SUMMIT, MISSOURI

RANGWALA ARCHITECTS
ARCHITECTURE SITE PLANNING

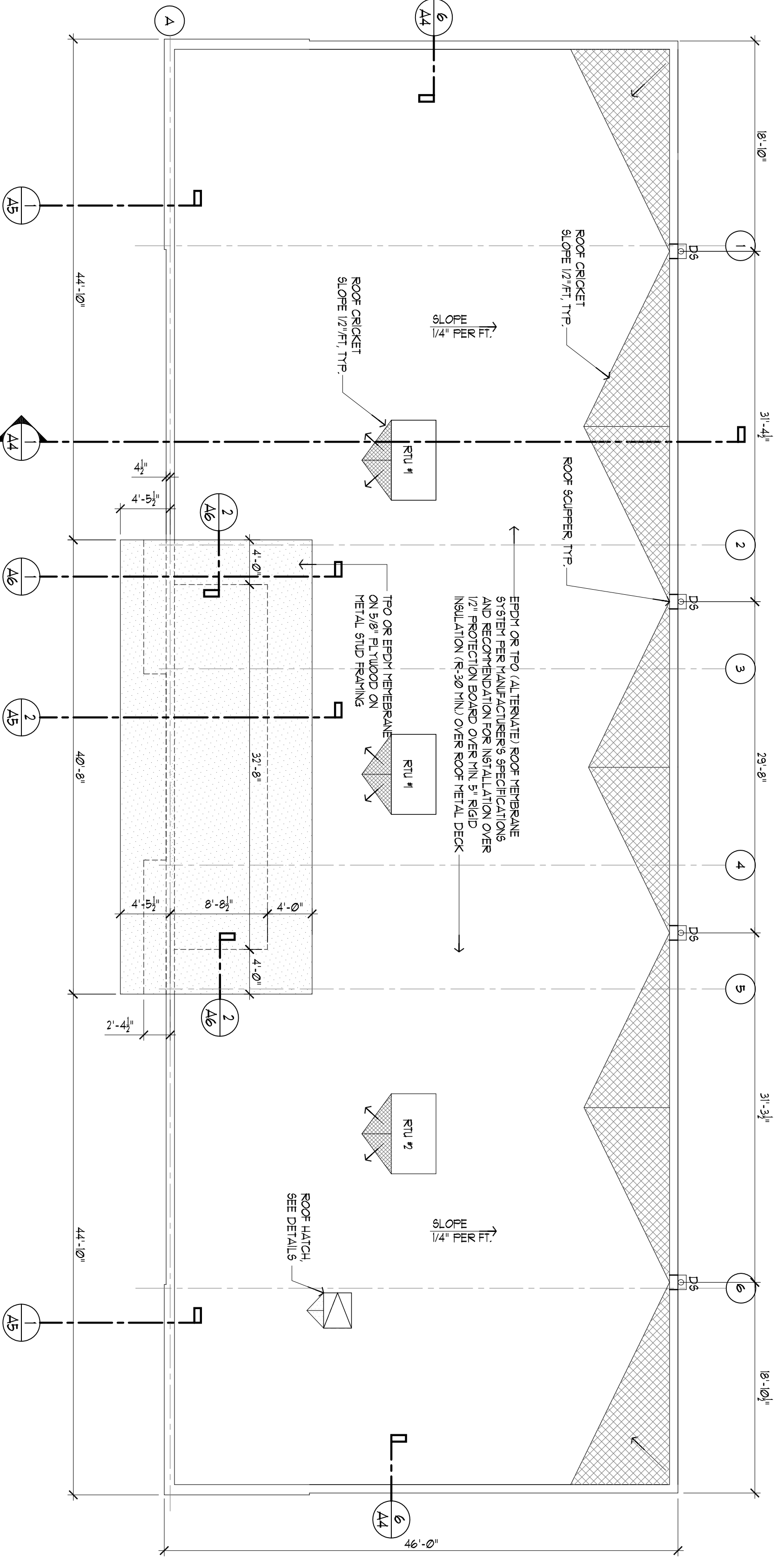
201 S. CENTRAL AVE. SUITE #203, ST. LOUIS, MO-63105
(314) 863-8661 FAX (314) 863-3718



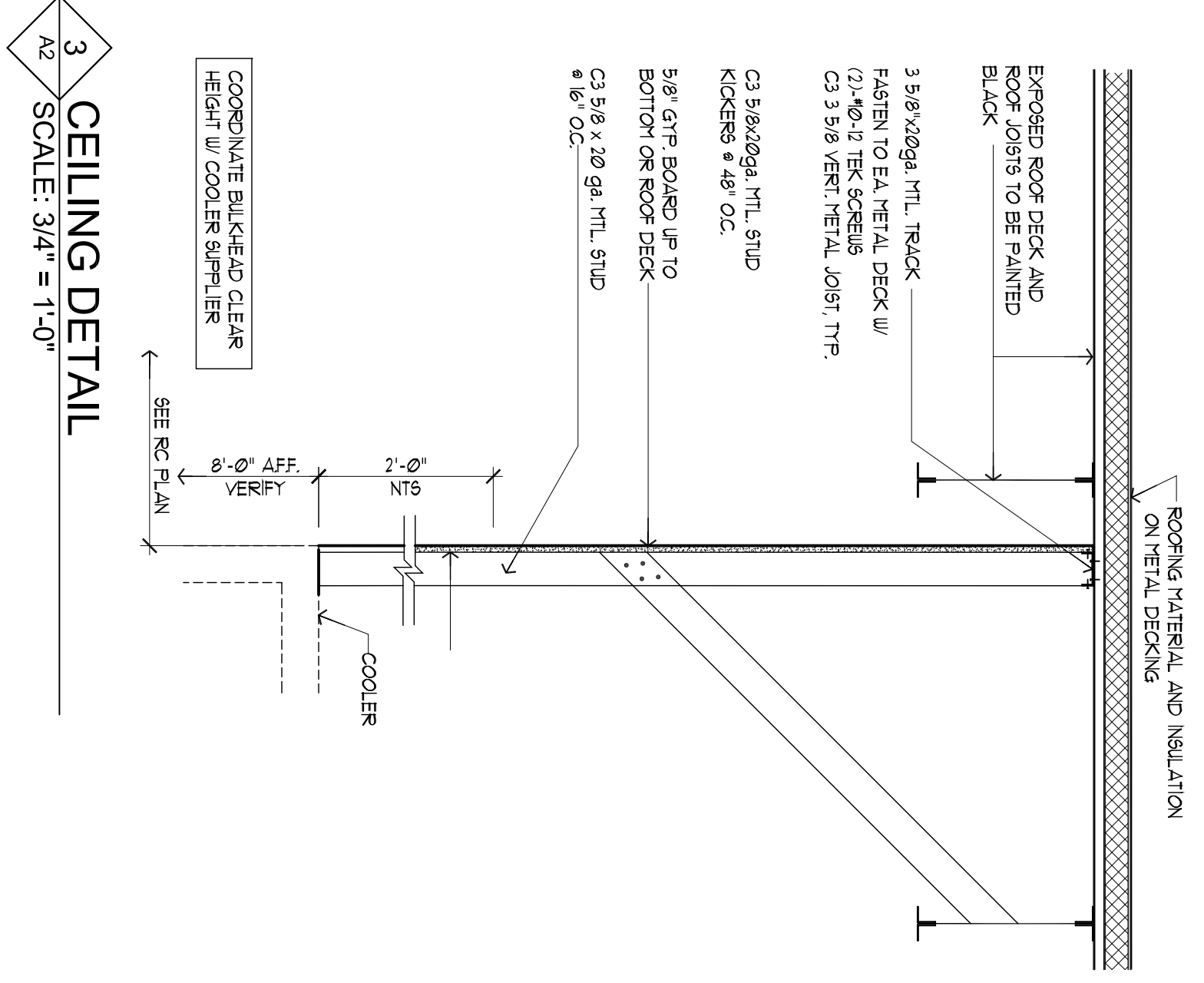
RCP LEGEND	
	2' x 4' LAY-IN ACOUSTICAL CEILING PANELS (L.A.B.T.C.) COATED TILES IN LEFT AREAS (SHOWN DASHED)
	2' x 4' OR 2' x 2' FLOURESCENT LIGHT FIXTURES W/ RECESSED PARABOLIC LENS
	SURFACED MOUNTED 1' x 4' FLOURESCENT LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	EXIT LIGHT WITH EMERGENCY BATTERY POWERED
	EMERGENCY BATTERY POWERED LIGHT - CEILING MOUNTED
	EXHAUST VENT PROPERLY VENTED TO EXTERIOR
	RECESSED LIGHT FIXTURE
	LED HIGH BAY LIGHT FIXTURE
	CEILING MOUNTED SURVEILLANCE CAMERA



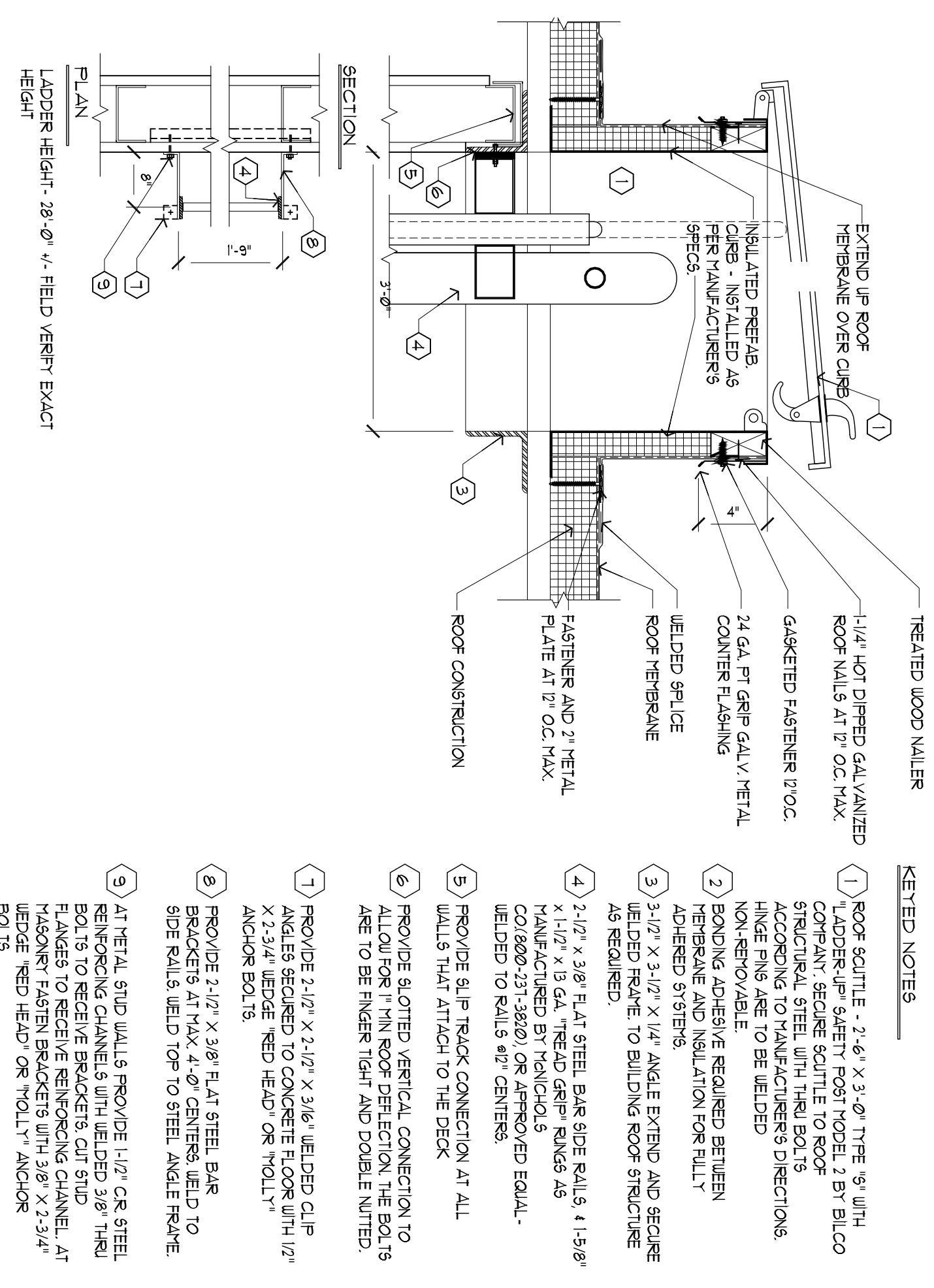
1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



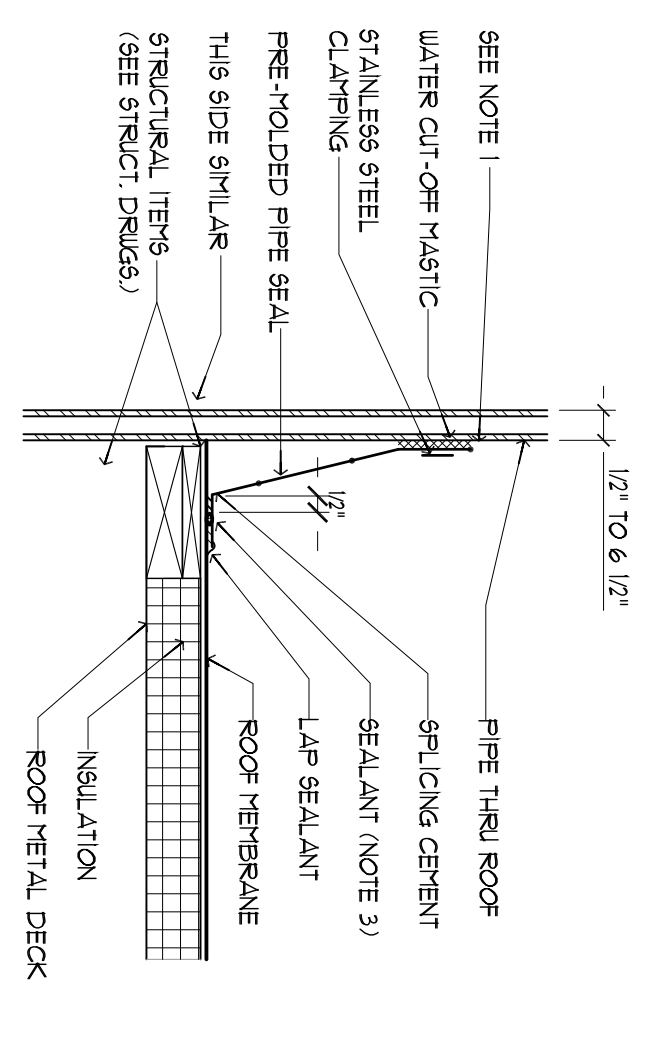
2 ROOF PLAN
SCALE: 1/8" = 1'-0"



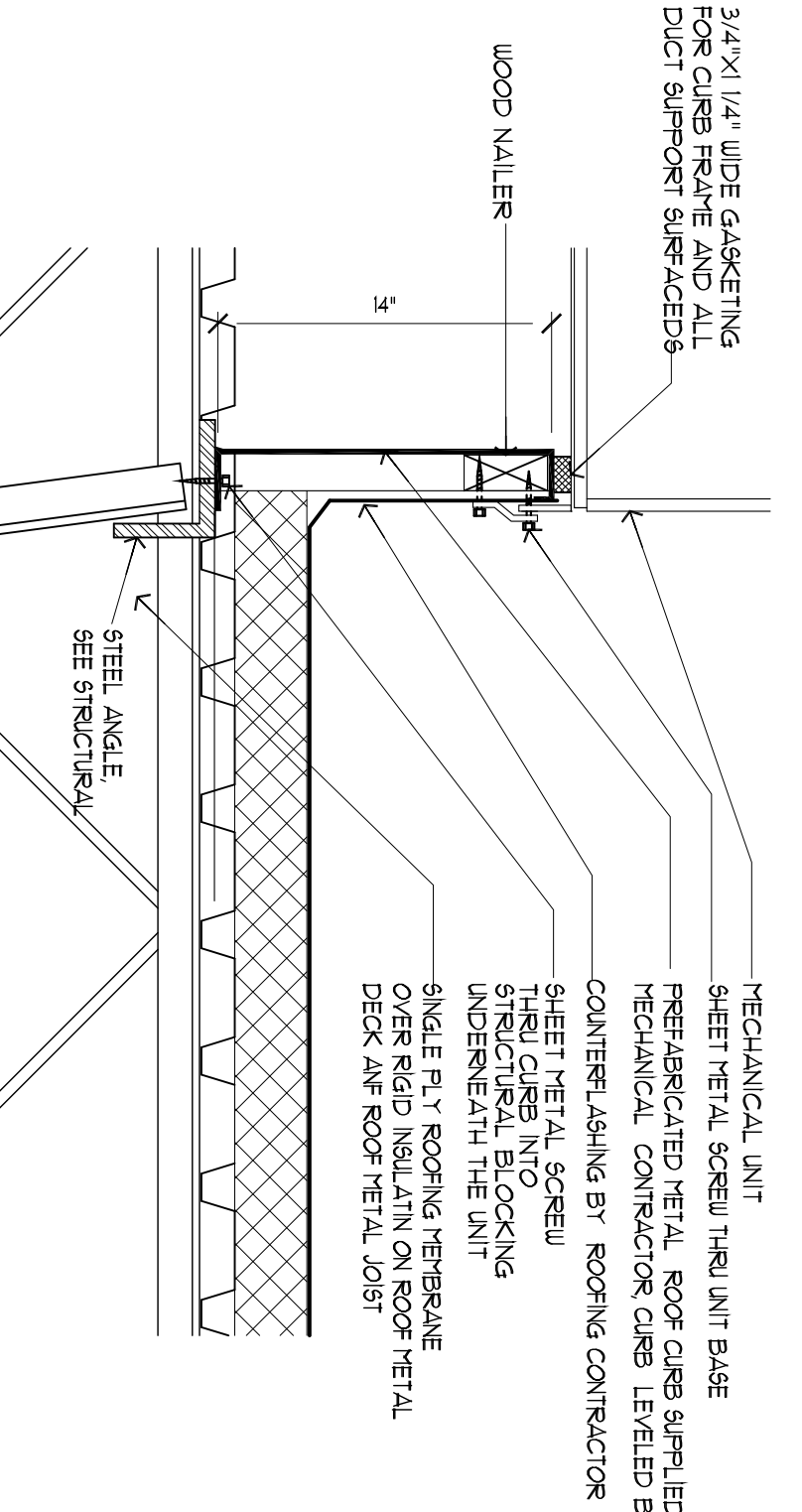
3 CEILING DETAIL
SCALE: 3/4" = 1'-0"



4 ROOF HATCH DETAIL
SCALE: 1 1/2" = 1'-0"



5 PIPE PENETRATION DETAIL
SCALE: 1 1/2" = 1'-0"



6 RTU CURB DETAIL
SCALE: 1 1/2" = 1'-0"

- NOTES:
1. PRE-MOLDED PIPE SEAL MUST HAVE INTACT RIB AT TOP EDGE REGARDLESS OF PIPE DIA.
 2. APPLY 'N'-SEAL SEALANT 1/4" FROM INSIDE EDGE OF PIPE SEAL FLANGE.
 3. DECK FLANGES OF THE FREE-ENDED/OPEN ENDED FLASHING SHALL NOT BE FLASHING SHALL OR APPLIED OVER ANY ANGLE CHANGE.

- KEYTED NOTES:
1. ROOF SCUTTLE - 2'-6" X 3'-0" TYPE '9" WITH LADDER UP SAFETY FOOT MODEL 2 BY BILCO STRUCTURAL STEEL TO BE INSTALLED AS PER MANUFACTURER'S DIRECTIONS. HINGE PIN ARE TO BE HELDED NON-REMOVABLE.
 2. BONDING ADHESIVE REQUIRED BETWEEN MEMBERS AND INSULATION FOR FULLY ADHERED 3/8" BARS.
 3. 2-1/2" X 3/4" X 1/4" ANGLE EXTEND AND SECURE AS REQUIRED.
 4. 2-1/2" X 3/8" FLAT STEEL BAR SIDE RAILS, 4-1/8" Ø X 1-1/2" X 1/2" GALV. THRU ROOF AS REQUIRED TO BUILDING ROOF STRUCTURE. WELDED TO RAILS 90° CENTERS.
 5. PROVIDE SLIP TRACK CONNECTION AT ALL WALLS THAT ATTACH TO THE DECK.
 6. PROVIDE SLOTTED VERTICAL CONNECTION TO ALLOW FOR TYPICAL ROOF DEFLECTION. THE BOLTS ARE TO BE TIGHTENED AND DOUBLE NUTTED.
 7. PROVIDE 2-1/2" X 3/4" X 3/16" WELDED CLIP ANGLES SECURED TO CONCRETE FLOOR WITH 1/2" X 2-3/4" WEDGE 'NEED HEAD' OR 'TOLLTY' ANCHOR BOLTS.
 8. PROVIDE 2-1/2" X 3/8" FLAT STEEL BAR BRACKETS AT MAX 4'-0" CENTERS, WELD TO SIDE RAILS, WELD TOPS TO STEEL ANGLE RAINE.
 9. AT METAL STUD WALLS PROVIDE 1-1/2" C.R. STEEL REINFORCING CHANNELS WITH WELDED 3/8" THRU BOLTS TO RECEIVE BRACKETS. CUT STUD FLANGES TO RECEIVE REINFORCING CHANNEL. AT HIGHEST FASTEN BRACKETS WITH 3/8" X 2-3/4" 'NEED HEAD' OR 'TOLLTY' ANCHOR BOLTS.

Revisions
1. 11-29-22
2. 05-15-23
3. 08-22-23
4. 05-01-24

PROPOSED:
CONVENIENCE STORE
HAMBLÉN PLAZA
LEE'S SUMMIT, MISSOURI

Sheet Title:
RC Plan and Details

Drawn By:
EC

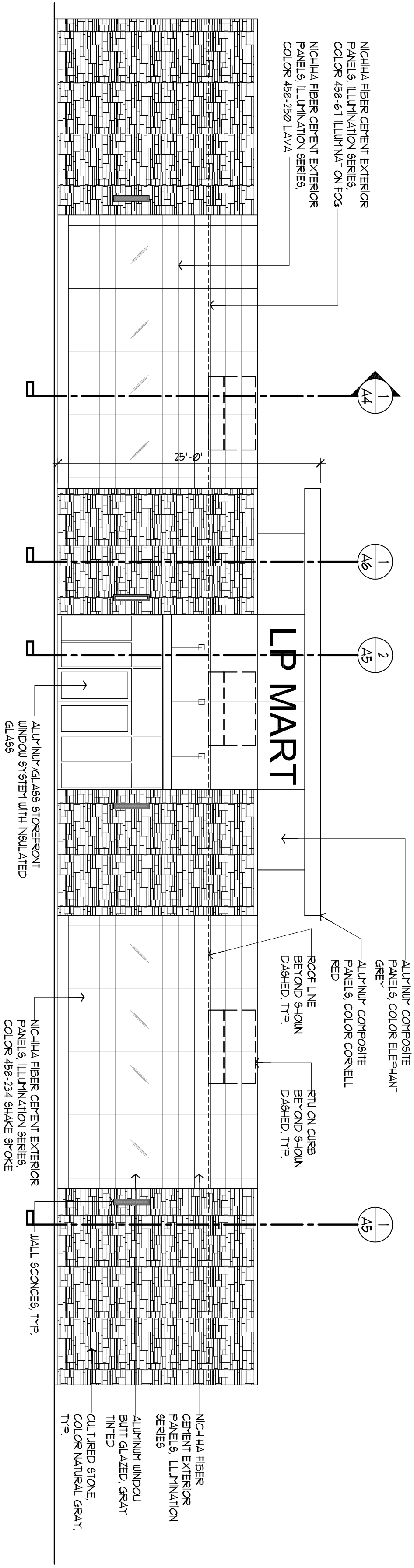
Sheet Number:
A-2

Date: 08-31-22
Project Number:

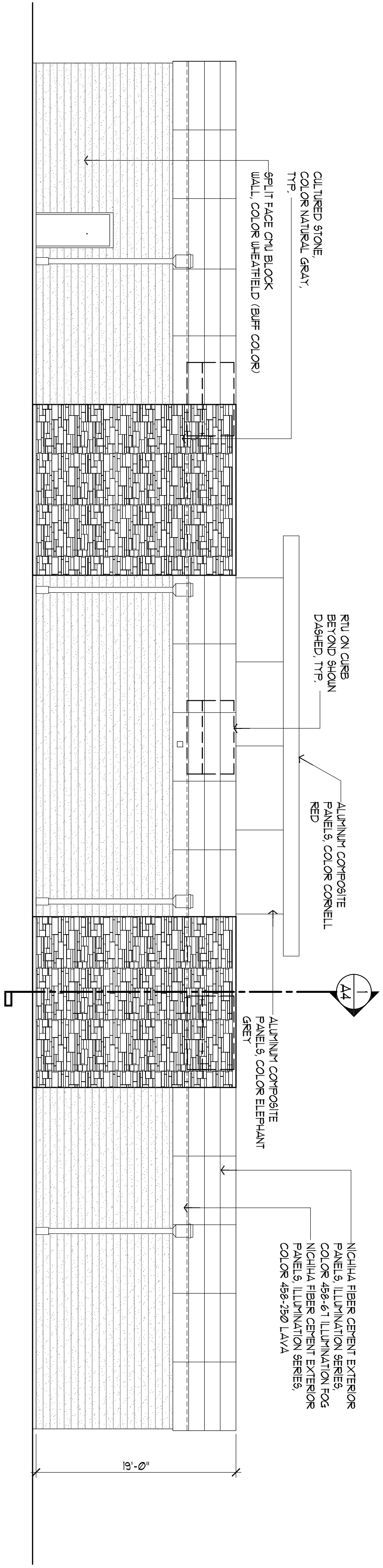


RANGWALA ARCHITECTS
ARCHITECTURE SITE PLANNING

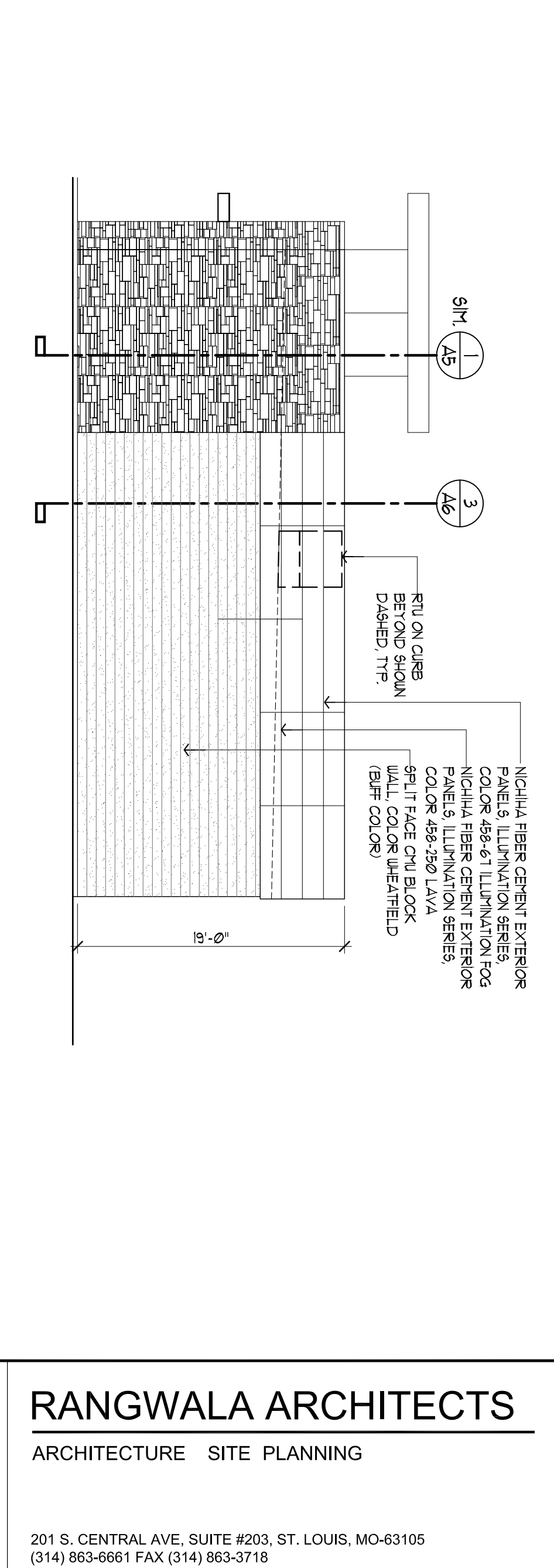
201 S. CENTRAL AVE. SUITE #203, ST. LOUIS, MO-63105
(314) 863-8661 FAX (314) 863-3718



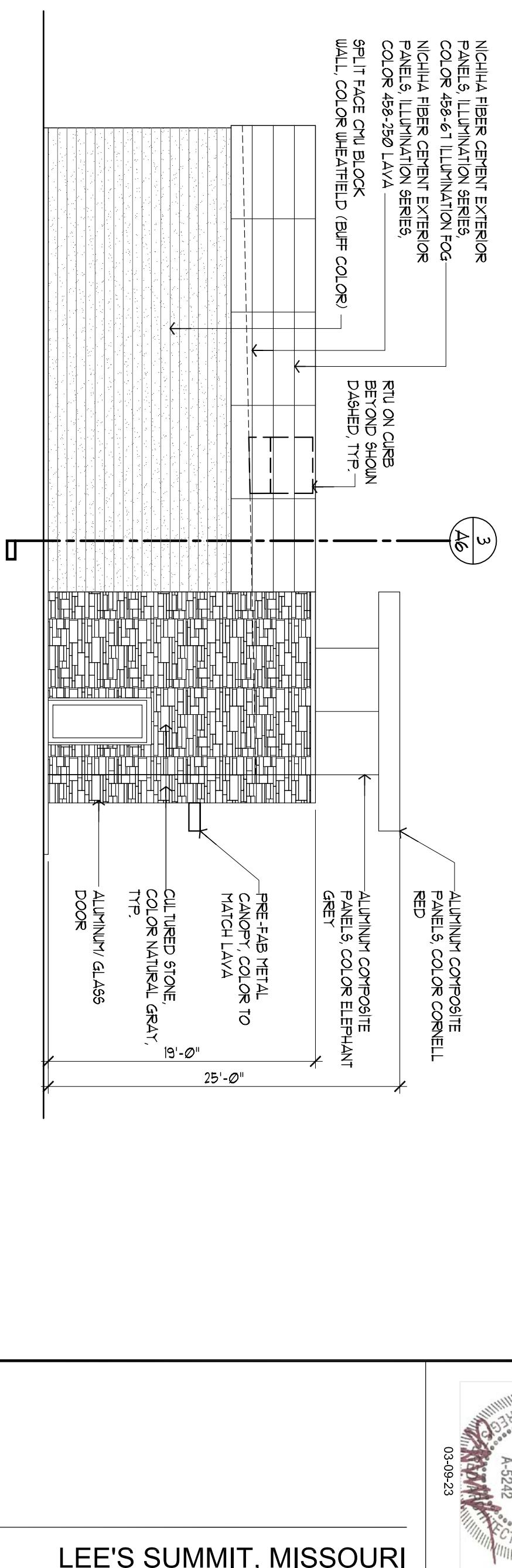
1 WEST ELEVATION
SCALE: 1/8" = 1'-0"



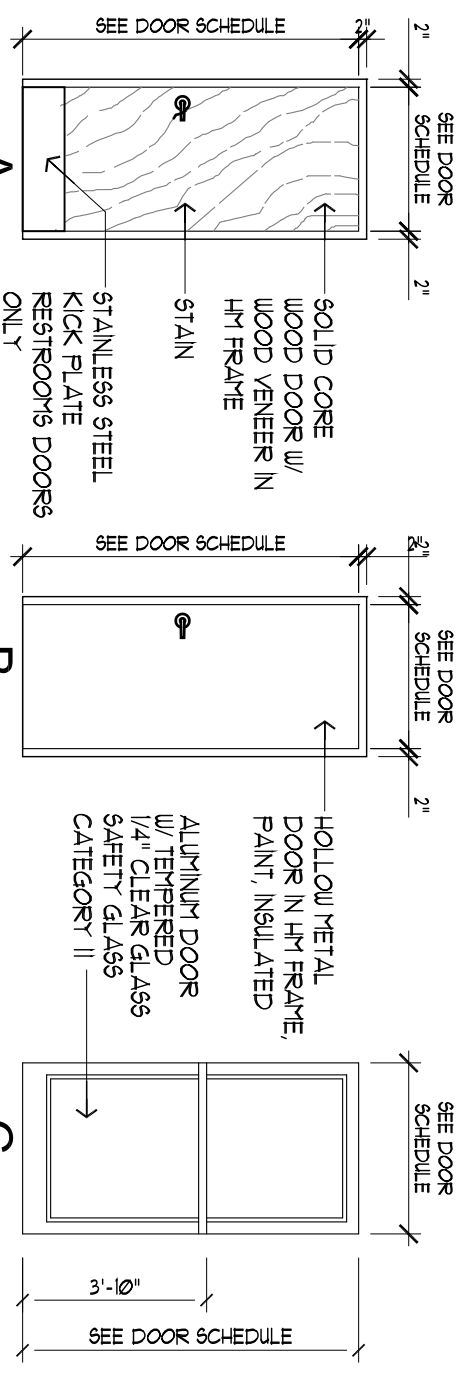
3 EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



4 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



DOOR NO.	SIZE	MATERIAL	RATING	TYPE	FRAME TYPE	HARDWARE GROUP	REMARKS
001	PAIR 3'-0" X 7'-0"	ALUMINUM	C	AL		1	
002	3'-0" X 7'-0"	ALUMINUM	C	HM		1	
003	3'-0" X 7'-0"	WOOD	A	HM		2	W/ AUTOMATIC DOOR LOCK
004	3'-0" X 7'-0"	WOOD	A	HM		2	
005	3'-0" X 7'-0"	WOOD	A	HM		3	
006	3'-0" X 7'-0"	WOOD	A	HM		3	
007	3'-0" X 7'-0"	HOLLOW METAL	B	HM		5	
008	NOT USED						
009	NOT USED						
010	NOT USED						
011	PAIR 3'-0" X 7'-0"	ALUMINUM	C	AL		1	
012	3'-0" X 7'-0"	WOOD	A	HM		4	
013	3'-0" X 7'-0"	WOOD	A	HM		4	
014	4'-0" X 7'-0"	HOLLOW METAL	B	HM		2	
015	4'-0" X 7'-0"	HOLLOW METAL	B	HM		2	

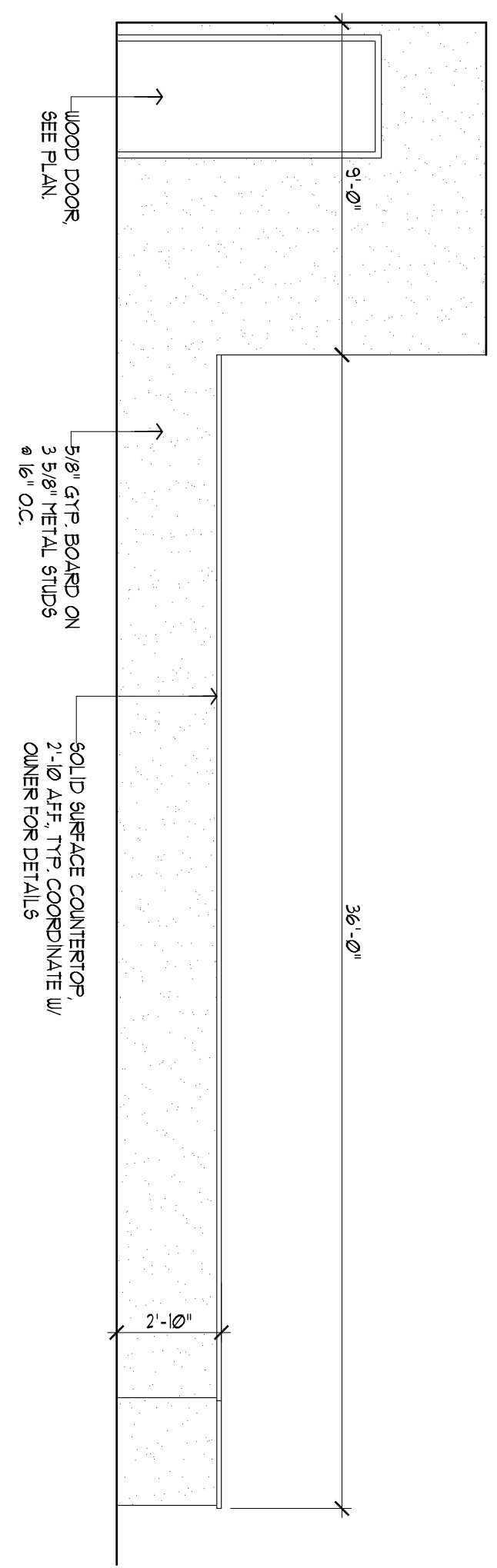
DOOR HARDWARE

- GROUP 1: CYLINDER AS REQUIRED. BALANCE OF HARDWARE TO BE BY DOOR SUPPLIER. PROVIDE DOOR CLOSER AND EXIT DEVICE. THRESHOLD FINISH SHALL MATCH ALUMINUM DOOR.
- GROUP 2: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 3: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 4: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 5: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 6: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 7: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 8: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 9: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 10: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 11: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 12: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 13: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 14: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 15: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 16: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 17: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 18: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 19: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)
- GROUP 20: 3 EA HINGERS DT3-4 (1/2" X 1/4" X 1/8" S&P)

6 DOOR TYPES AND SCHEDULE

NO.	NAME	FLOOR	BASE	WALLS				CEILING	
				N	E	S	W	MATERIAL	HEIGHT
001	DIRECT SALES AREA	STANDARD CONCRETE	VB	DUP	DUP	DUP	DUP	EXPOSED CONCRETE	10'-0"
002	CASHIER	LVT ON UP FLATHORN	VB	DUP	GLZ	DUP	DUP	ACT-1	10'-0"
003	OFFICE	STANDARD CONCRETE	VB	DUP	DUP	DUP	DUP	ACT-1	10'-0"
004	STORE	STANDARD CONCRETE	VB	CHU	DUP	DUP	DUP	ACT-2	10'-0"
005	KITCHEN	STANDARD CONCRETE	VB	FRP	FRP	FRP	FRP	ACT-3	10'-0"
006	STORE	STANDARD CONCRETE	VB	DUP	DUP	DUP	DUP	ACT-2	10'-0"
007	FOOD COURT	STANDARD CONCRETE	VB	DUP	DUP	DUP	DUP	DUP	10'-0"
008	COOLERS	CONC. SEALED	VB	DUP	DUP	CHU	BY COOLER SUPPLIER		
009	FREEZER	CONC. SEALED	VB	DUP	DUP	CHU	BY COOLER SUPPLIER		
010	BEER COOLERS	CONC. SEALED	VB	DUP	DUP	CHU	BY COOLER SUPPLIER		
011	BEER CAVE	CONC. SEALED	VB	DUP	DUP	CHU	BY COOLER SUPPLIER		
012	MEN	STANDARD CONCRETE	CT	DUP	DUP	DUP	DUP	DUP	9'-0"
013	WOMEN	STANDARD CONCRETE	CT	DUP	DUP	DUP	DUP	DUP	9'-0"

5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



7 ROOM FINISH SCHEDULE

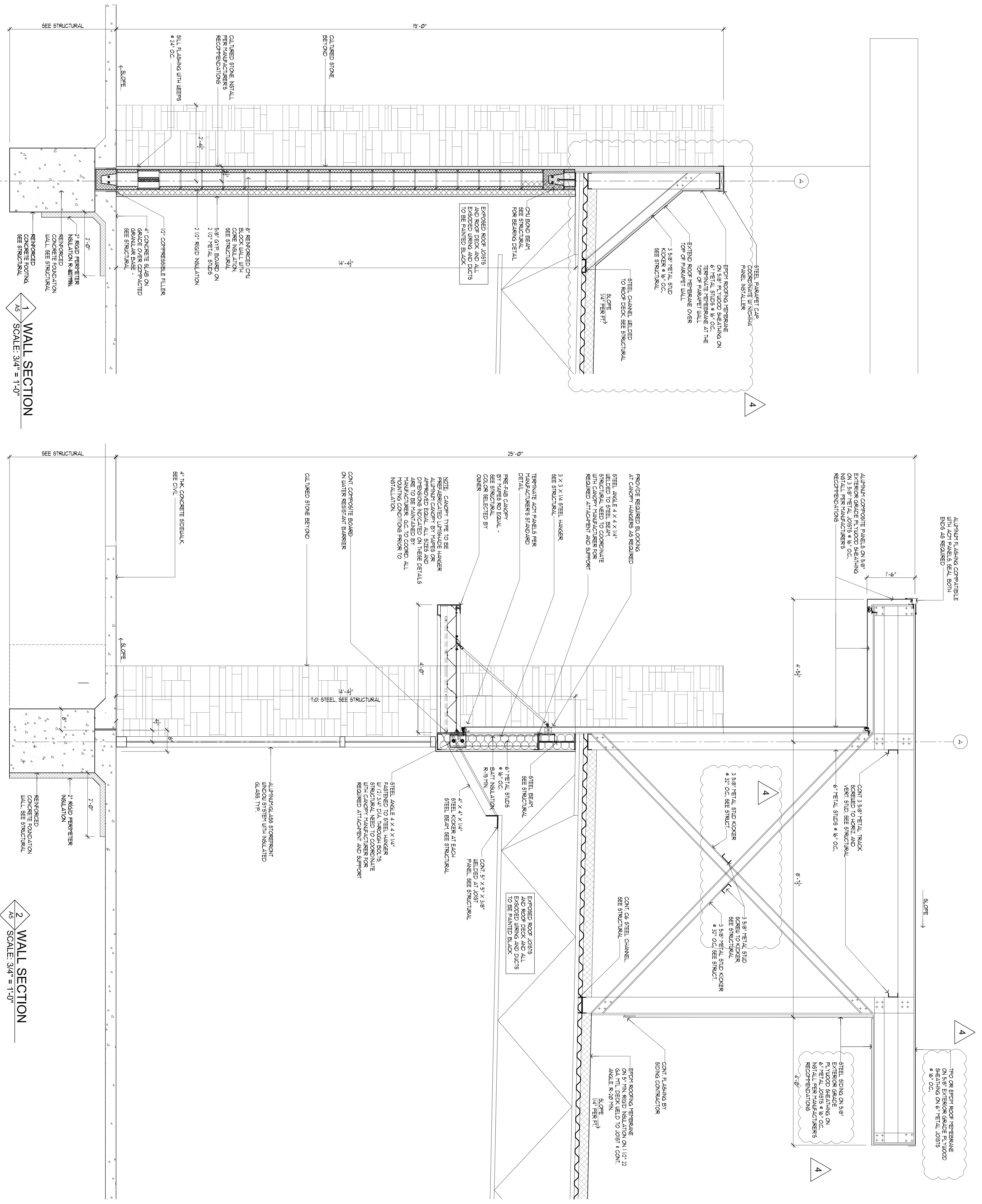
PROPOSED:
CONVENIENCE STORE
HAMBLÉN PLAZA

LEE'S SUMMIT, MISSOURI



RANGWALA ARCHITECTS
ARCHITECTURE SITE PLANNING
201 S. CENTRAL AVE. SUITE #203, ST. LOUIS, MO-63105
(314) 863-8661 FAX (314) 863-3718

Sheet Title:
Exterior Elevations
Building Section
Interior Elevations
Drawn By:
EC
Revisions:
1. 11-28-22
2. 05-15-23
3. 08-22-23
4. 05-01-24
Date: 08-31-22
Project Number:
A-3



1 WALL SECTION SCALE: 3/4" = 1'-0"

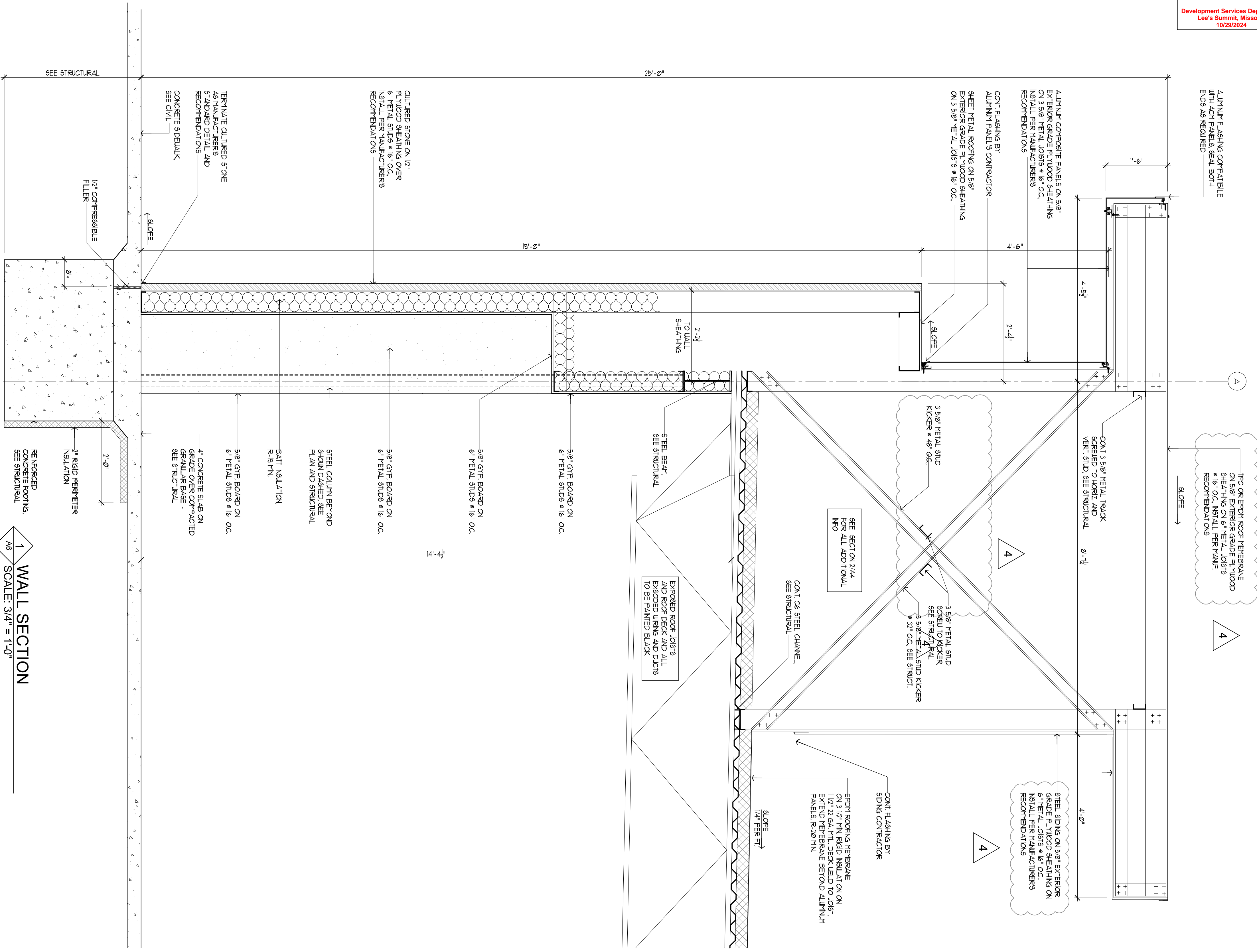
2 WALL SECTION SCALE: 3/4" = 1'-0"

Revisions	1. 11-28-22
	2. 05-15-23
	3. 06-22-23
	4. 05-01-24
PROPOSED:	
CONVENIENCE STORE	
HAMBLÉN PLAZA	
LEE'S SUMMIT, MISSOURI	
Sheet Title:	Wall Sections
Drawn By:	EC
Sheet Number:	A-5
Date:	08-31-22
Project Number:	

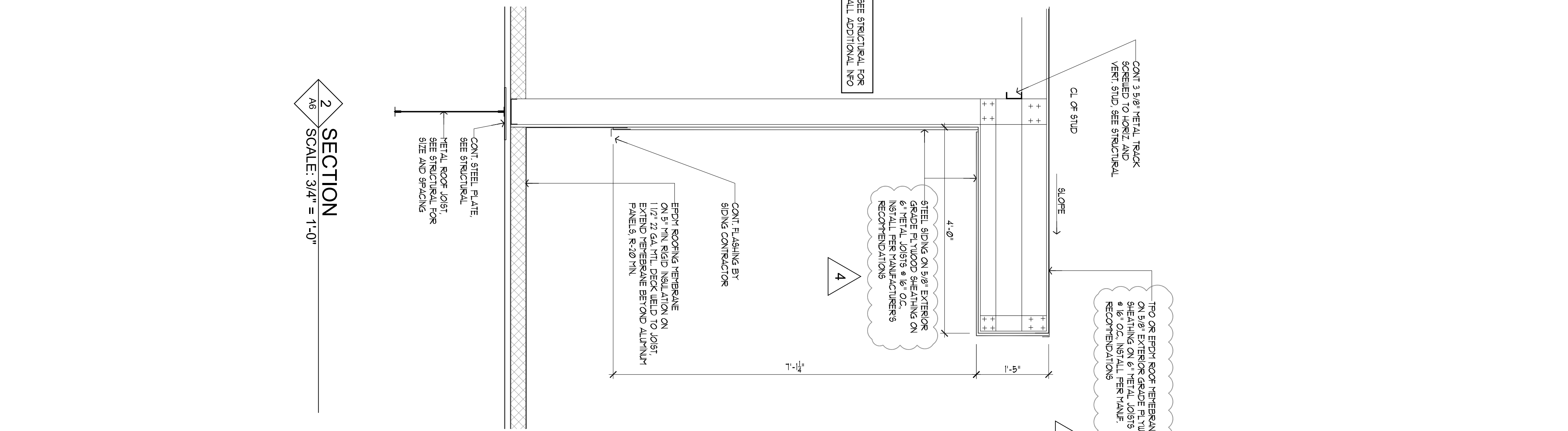


RANGWALA ARCHITECTS
ARCHITECTURE SITE PLANNING

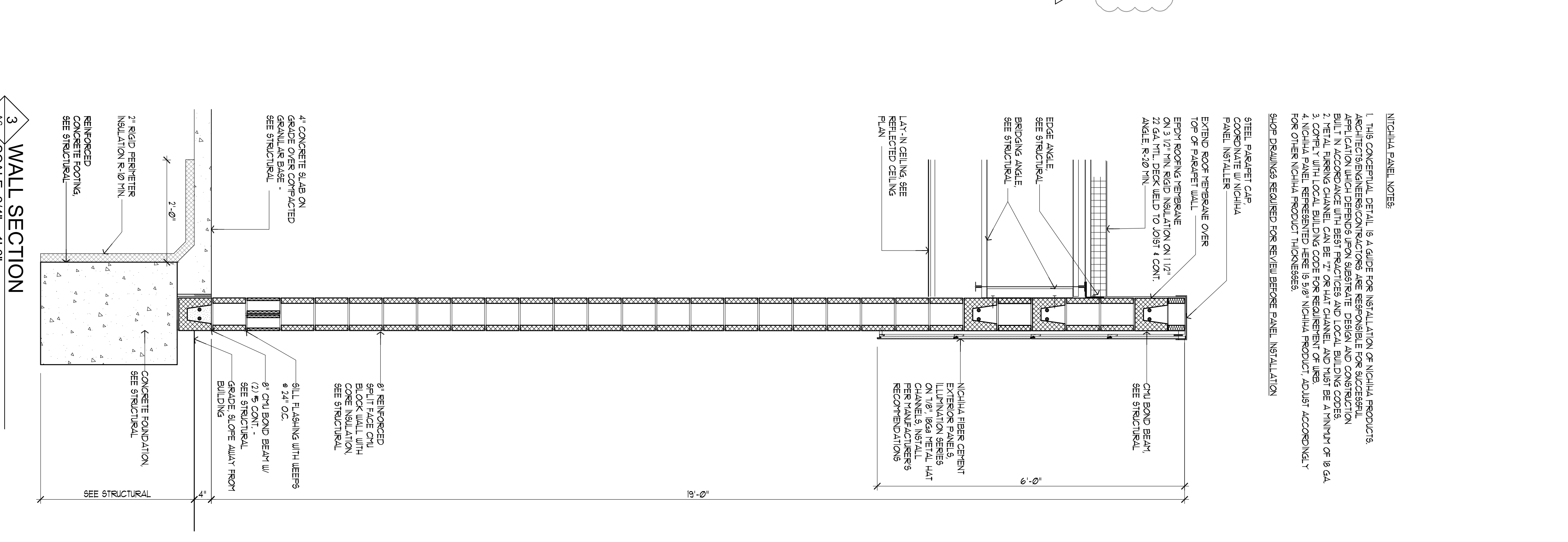
201 S. CENTRAL AVE. SUITE #203, ST. LOUIS, MO-63105
(314) 863-8661 FAX (314) 863-3718



1 WALL SECTION
SCALE: 3/4" = 1'-0"



2 SECTION
SCALE: 3/4" = 1'-0"



3 WALL SECTION
SCALE: 3/4" = 1'-0"

NICHIA PANEL NOTES:

- THIS CONCEPTUAL DETAIL IS A GUIDE FOR INSTALLATION OF NICHIA PRODUCTS. ALL DIMENSIONS AND CONDITIONS ARE RESPONSIBLE FOR SUCCESSFUL INSTALLATION. CONTRACTORS ARE RESPONSIBLE FOR SUCCESSFUL INSTALLATION IN ACCORDANCE WITH BEST PRACTICES AND LOCAL BUILDING CODES.
- METAL BRACING CHANNEL CAN BE 7" OR 4" CHANNEL AND MUST BE A MINIMUM OF 8 GA.
- CONCRETE WITH LOCAL BUILDING CODE FOR REQUIREMENT OF USE.
- NICHIA PANEL, REPRESENTED HERE IS 5/8" NICHIA PRODUCT. ADJUST ACCORDINGLY FOR OTHER NICHIA PRODUCT THICKNESSES.

SHOP DRAWINGS REQUIRED FOR REVIEW BEFORE PANEL INSTALLATION

STEEL PARAPET CAP COORDINATE W/ NICHIA PANEL INSTALLER

EXTEND ROOF MEMBRANE OVER TOP OF PARAPET WALL

EPDM ROOFING MEMBRANE ON 3/4" RIGID INSULATION ON 1/2" ANGLE R-20 MIN.

EDGE ANGLE BRIDGING ANGLE SEE STRUCTURAL

LAY-IN CEILING SEE REFLECTED CEILING

NICHIA FIBER CEMENT LITERATION SERIES ON 7/8" BOAR METAL CHANNELS. INSTALL PER MANUFACTURERS RECOMMENDATIONS

CURL BOND BEAM SEE STRUCTURAL

Revisions

1	11-28-22
2	05-15-23
3	06-22-23
4	08-01-24

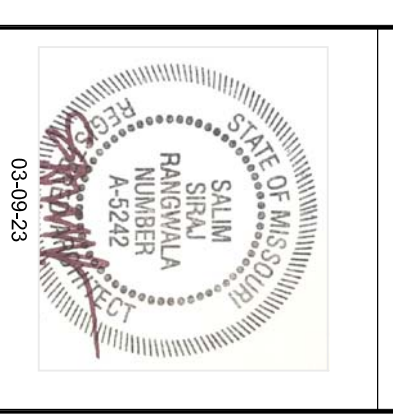
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Wall Sections

Drawn By:
EC

Sheet Number
A-6

Date: 08-31-22
Project Number:

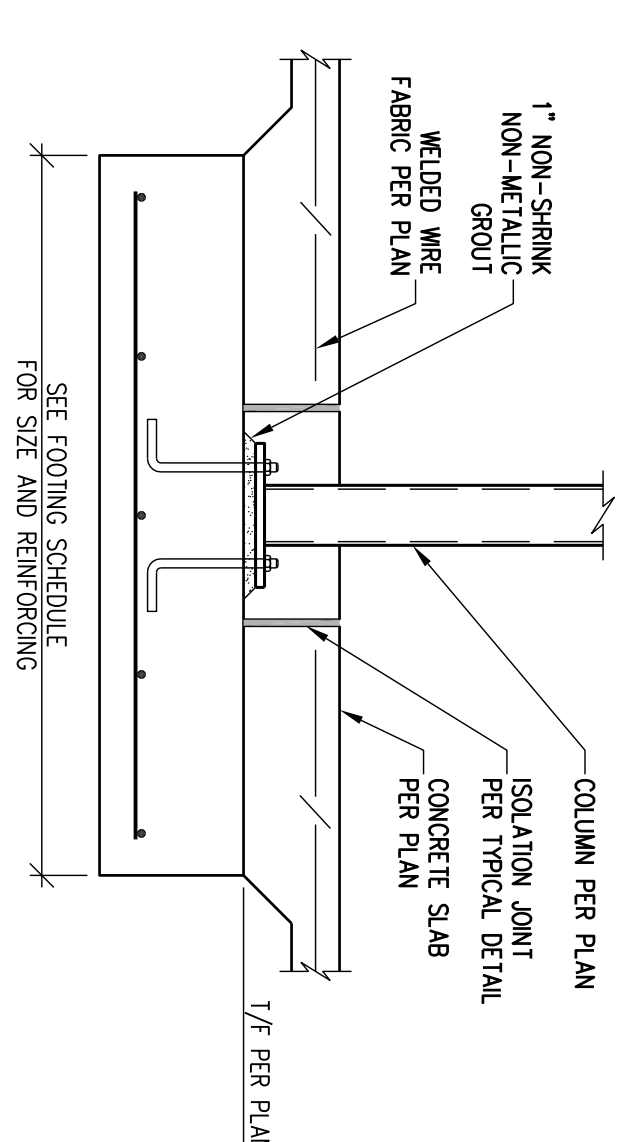
PROPOSED:
CONVENIENCE STORE
HAMBLÉN PLAZA
LEE'S SUMMIT, MISSOURI



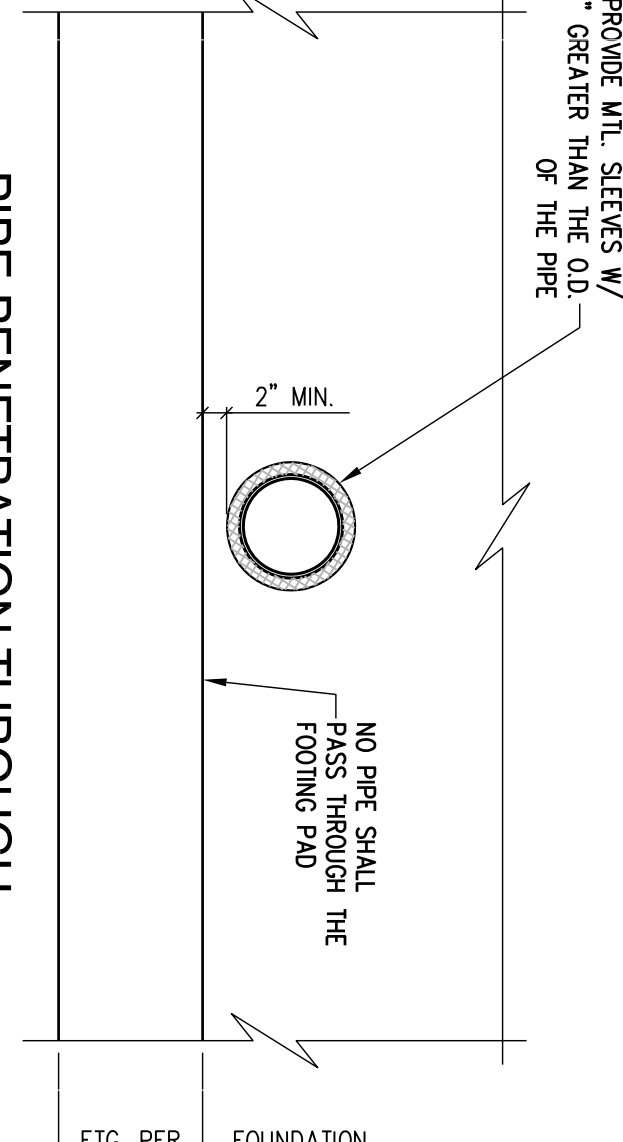
RANGWALA ARCHITECTS
ARCHITECTURE SITE PLANNING

201 S. CENTRAL AVE, SUITE #203, ST. LOUIS, MO-63105
(314) 863-8661 FAX (314) 863-3718

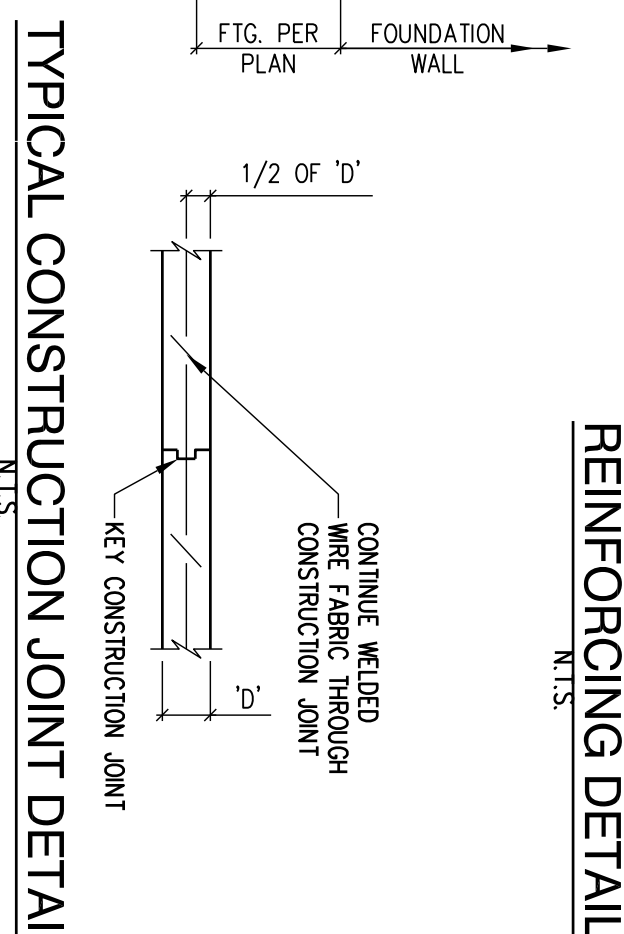
10. ALL DAMAGED GALVANIZED AREAS SHALL BE PREPARED AND REPAIRED WITH GALVANIZING REPAIR PAINTS AND PRODUCTS.
11. CONTRACTOR SHALL INSTALL COLD-FORMED METAL FRAMING AND ACCESSORIES, PLUMB SQUARE, TRUE TO LINE AND WITH CONNECTIONS SECURELY FASTENED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS OF THIS SECTION. CONTRACTOR SHALL INSTALL THE COLD-FORMED MEMBERS PER THE FOLLOWING:
 - A. COLD-FORMED MEMBERS SHALL BE SWAMP OR SHEARD. COLD-FORMED MEMBERS SHALL NOT BE TOUCH COLD-FORMED FRAMING MEMBERS BY WELDING OR SCREW FASTENING AS STANDING WITH THE FABRICATOR. WELDING OR FRAMING IS NOT PERMITTED.
 - B. FRAMING MEMBERS SHALL BE INSTALLED IN ONE-PIECE LENGTHS.
 - C. PROVIDE TEMPORARY BRACING AND LEAVE IN PLACE UNTIL FRAMING IS PERMANENTLY STABILIZED. TEMPORARY BRACING SHALL BE DESIGNED AND FURNISHED BY CONTRACTOR.
 - D. INSTALL INSULATION IN MIDDLE OF EXTERIOR BUT-TUP MEMBERS PER ARCHITECTURAL DETAIL.
 - E. PROVIDE INSULATION IN MIDDLE OF INTERIOR BUT-TUP MEMBERS PER ARCHITECTURAL DETAIL.
 - F. PROVIDE INSULATION IN MIDDLE OF INTERIOR BUT-TUP MEMBERS PER ARCHITECTURAL DETAIL.
 - G. ALL COLD-FORMED MEMBERS SHALL BE INSTALLED TO THE FOLLOWING MAXIMUM TOLERANCES:
 1. VARIATION FROM PLUMB, LEVEL AND TRUE TO 0.1/8" IN 10 FEET (1:960)
 2. SPACE BETWEEN FRAMING MEMBERS NOT MORE THAN 1/8" OR SPACES 1/8" OR MORE SHALL BE INSTALLED TO PROVIDE A FINISH SURFACE WITH A MAXIMUM FASTENING REQUIREMENTS OF SPACING OR OTHER FINISH MATERIAL.
 3. INSTALL COLD-FORMED METAL FRAMING TO A MAXIMUM OUT-OF-SQUARE TOLERANCE OF 1/8"
 - H. EXCEED 4'-0" VERTICALLY FASTEN AT EACH STUD INTERSECTION PER MANUFACTURER'S STANDARD DETAIL AND REQUIREMENTS. OR STEEL COLUMNS WITHOUT SANDWICHING ANY PLATE OR STUD BETWEEN JOISTS OR COLUMNS SET SUB FLOOR, STUDS, JOIST, OR PLATES.
 12. CONTRACTOR SHALL INSTALL NON-LOAD BEARING CURTAIN WALL FRAMING PER THE FOLLOWING:
 - A. INSTALL ALUMINUM AND SECURITY ANCHOR CONTINUOUS TRACKS TO SUPPORTING STRUCTURE. TRACKS SHALL BE INSTALLED TO SUPPORTING STRUCTURE WITH ANCHORS AND SPACERS AS INDICATED. PLUMB, ALUMINUM AND FASTEN BOTH FLANGES OF THE TOP AND BOTTOM TRACK.
 - B. ISOLATE FRAMING FROM THE BUILDING STRUCTURE AT LOCATIONS INDICATED TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT. ALL DETAILS SHALL BE PER MANUFACTURER'S STANDARDS AND DETAILS.
 - C. INSTALL MANUFACTURER'S STANDARD HORIZONTAL BRACING IN ROOMS NOT TO EXCEED 10 FEET IN LENGTH. BRACING SHALL BE INSTALLED AT INTERSECTION PER MANUFACTURER'S STANDARD DETAIL AND REQUIREMENTS.
 - D. INSTALL MISCELLANEOUS FRAMING AND CONNECTIONS INCLUDING STUD BRACES, WEB STIFFENERS, CUP ANGLES, CONTINUOUS ANGLES, ANCHORS, FASTENERS AND STUD GRIDS, TO PROVIDE A COMPLETE AND STABLE CURTAIN WALL-FRAMING SYSTEM.



TYPICAL INTERIOR FOOTING DETAIL
N.T.S.

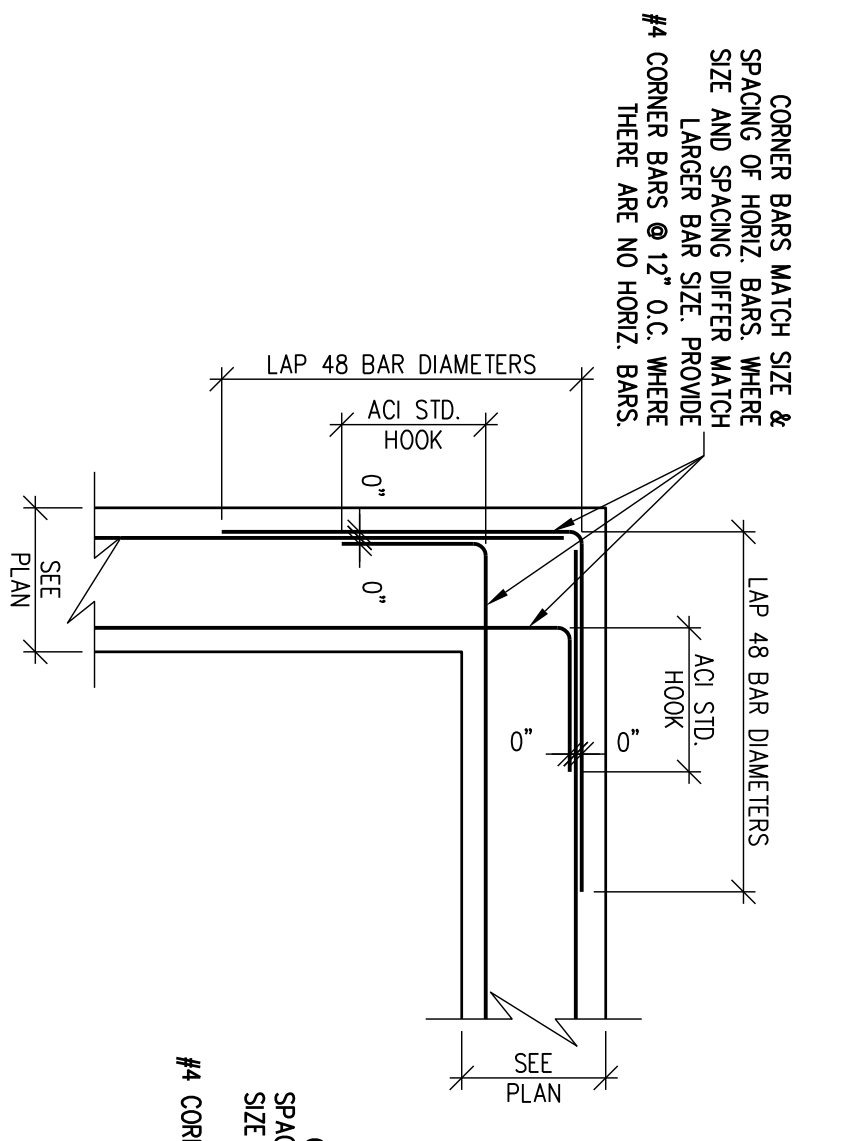


PIPE PENETRATION THROUGH FOUNDATION WALL DETAIL
N.T.S.



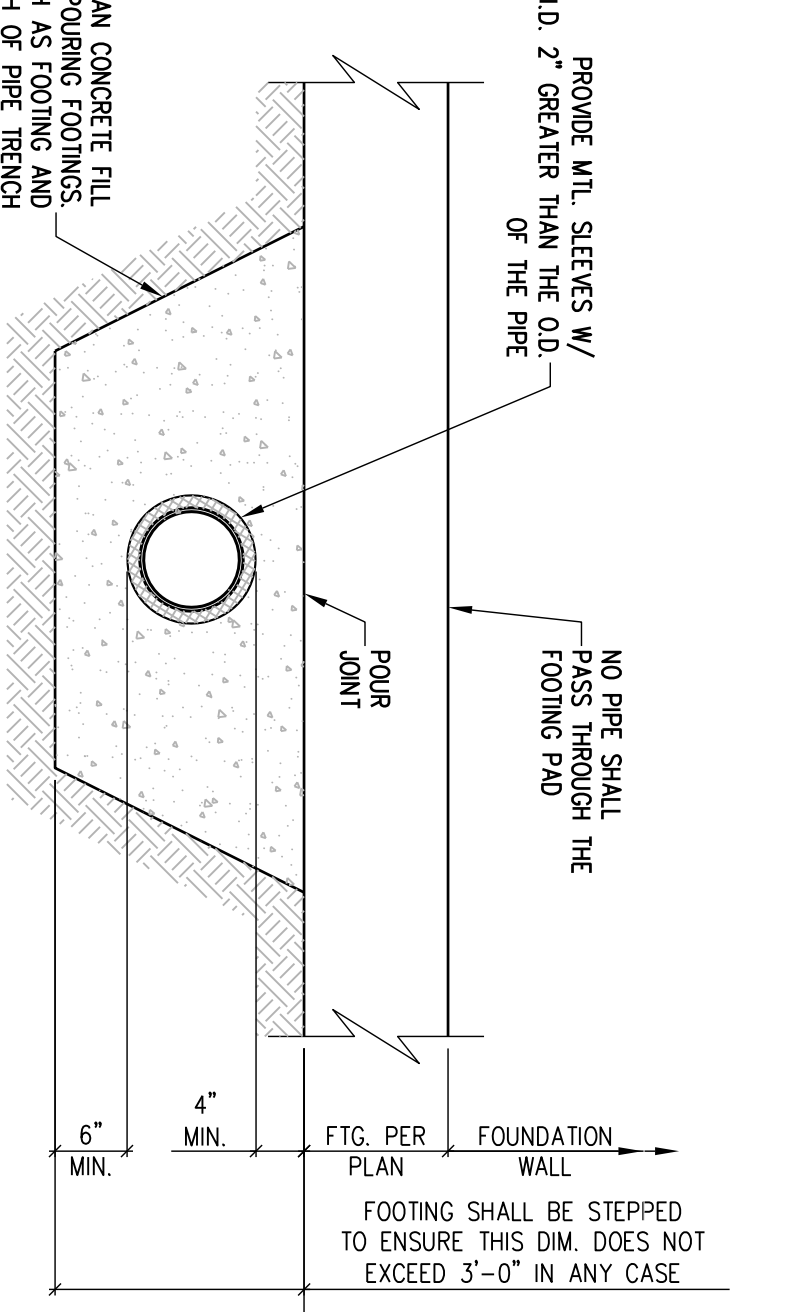
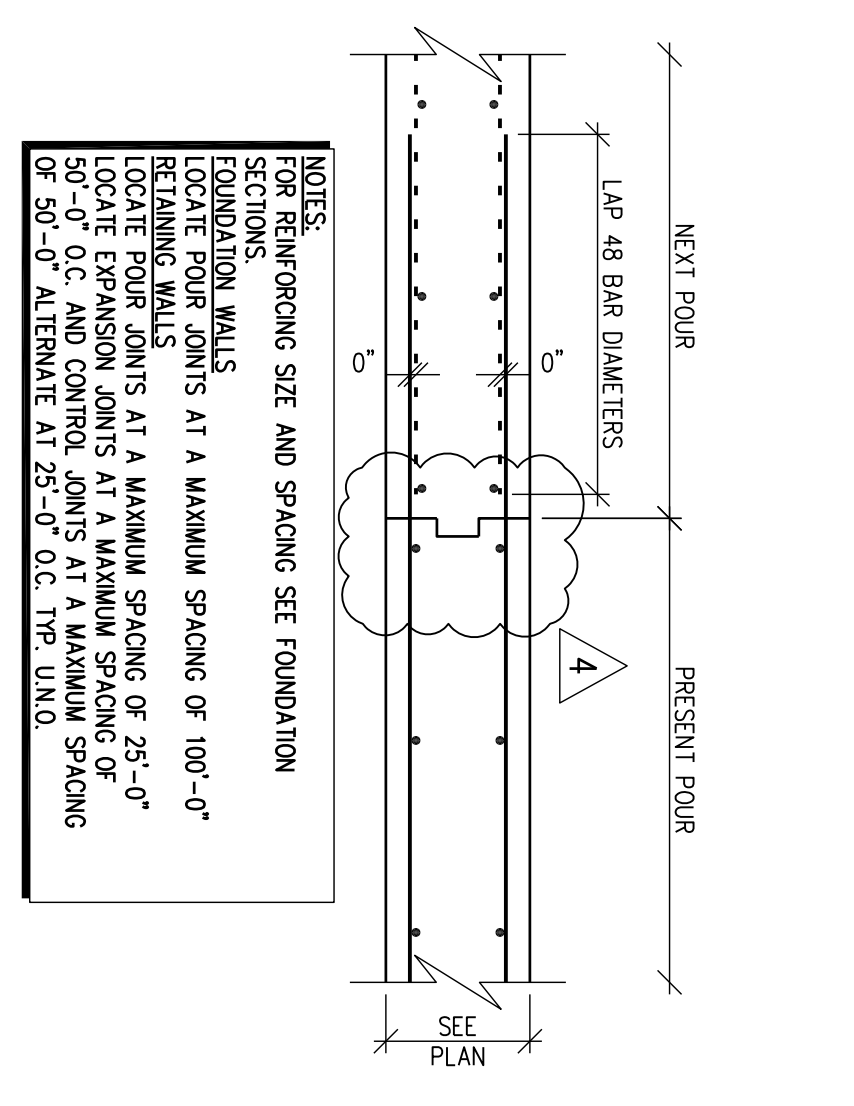
TYPICAL CONTROL JOINT DETAIL
N.T.S.

TYPICAL FOOTING/WALL CORNER REINFORCING DETAIL
N.T.S.



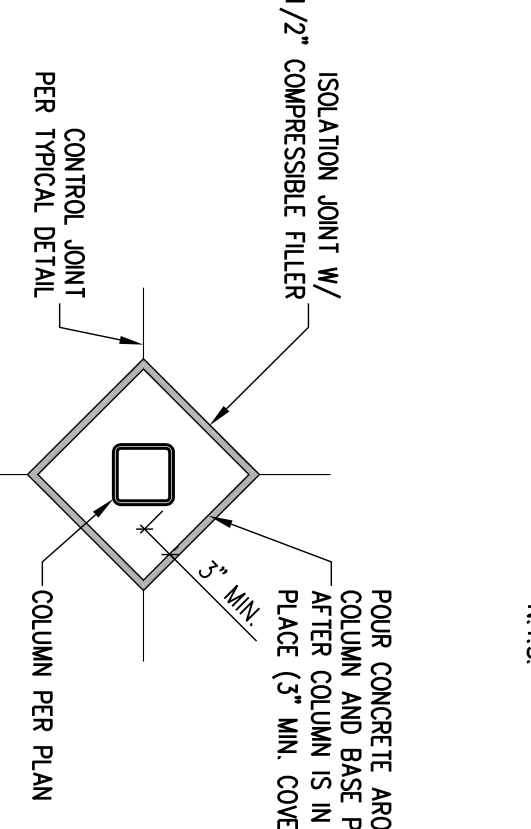
TYPICAL FOOTING/WALL INTERSECTION REINFORCING DETAIL
N.T.S.

TYPICAL WALL / GRADE BEAM POUR JOINT DETAIL
N.T.S.

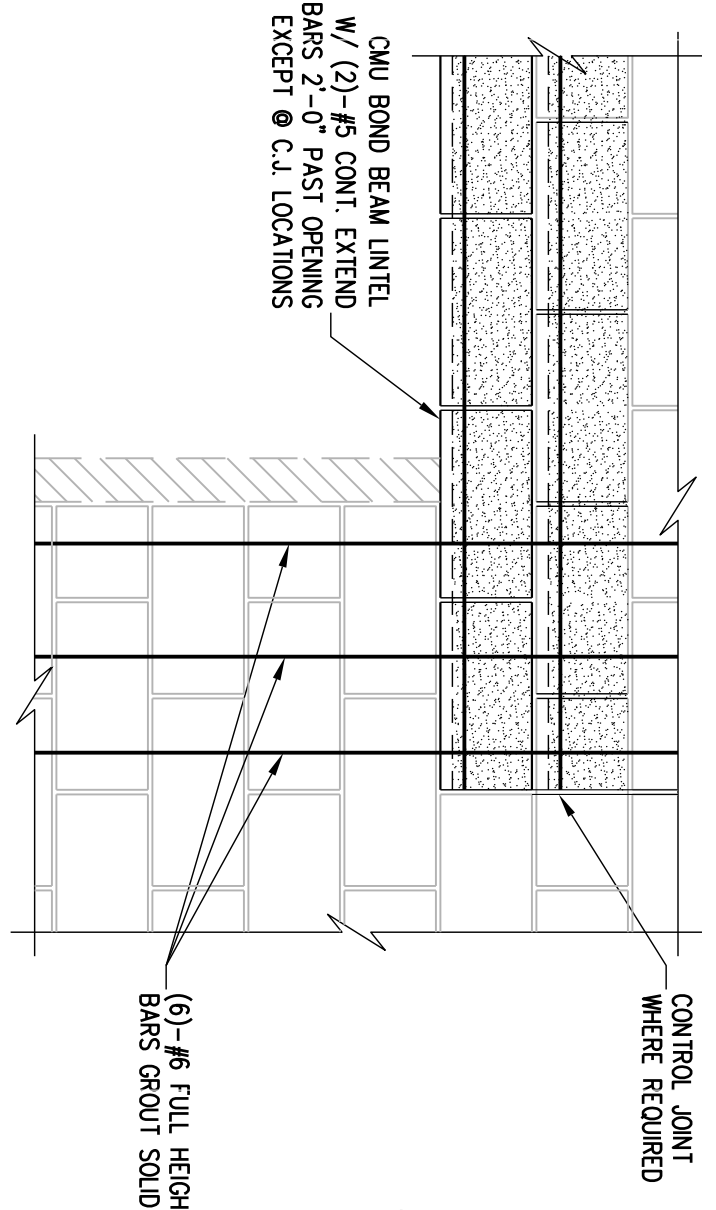
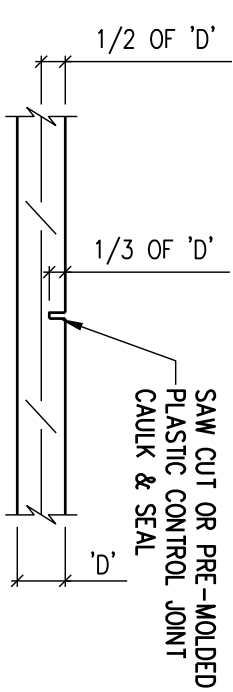


PIPE TRENCH PERPENDICULAR TO FOUNDATION DETAIL
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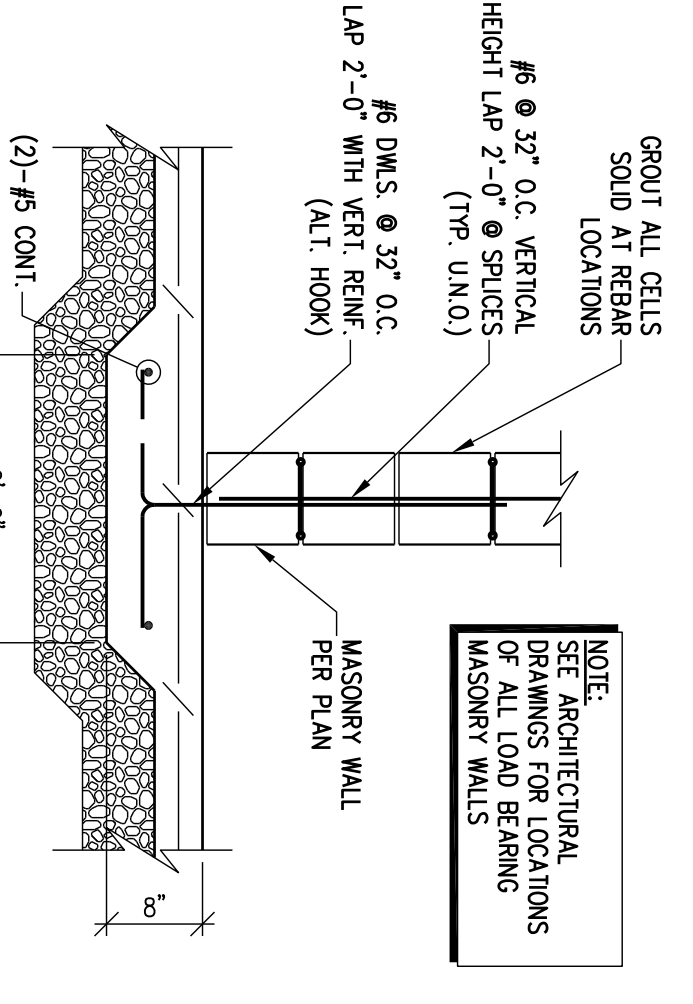
TYPICAL ISOLATION JOINT DETAIL
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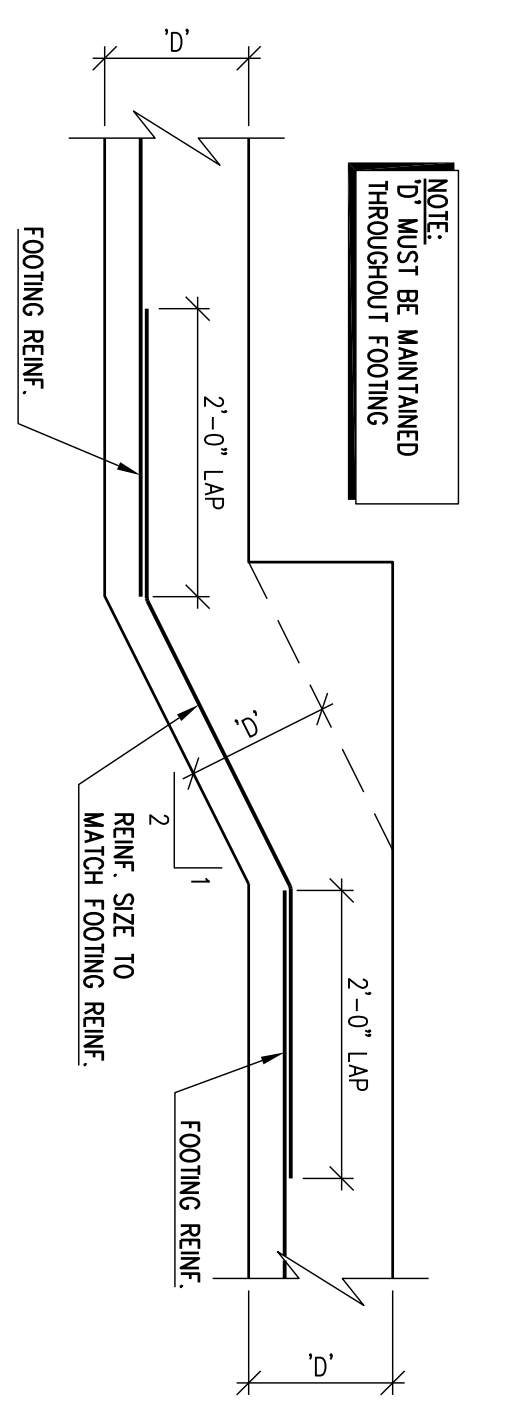
TYPICAL CONTROL JOINT DETAIL
N.T.S.



TYPICAL CMU BOND BEAM LINTEL DETAIL
N.T.S.

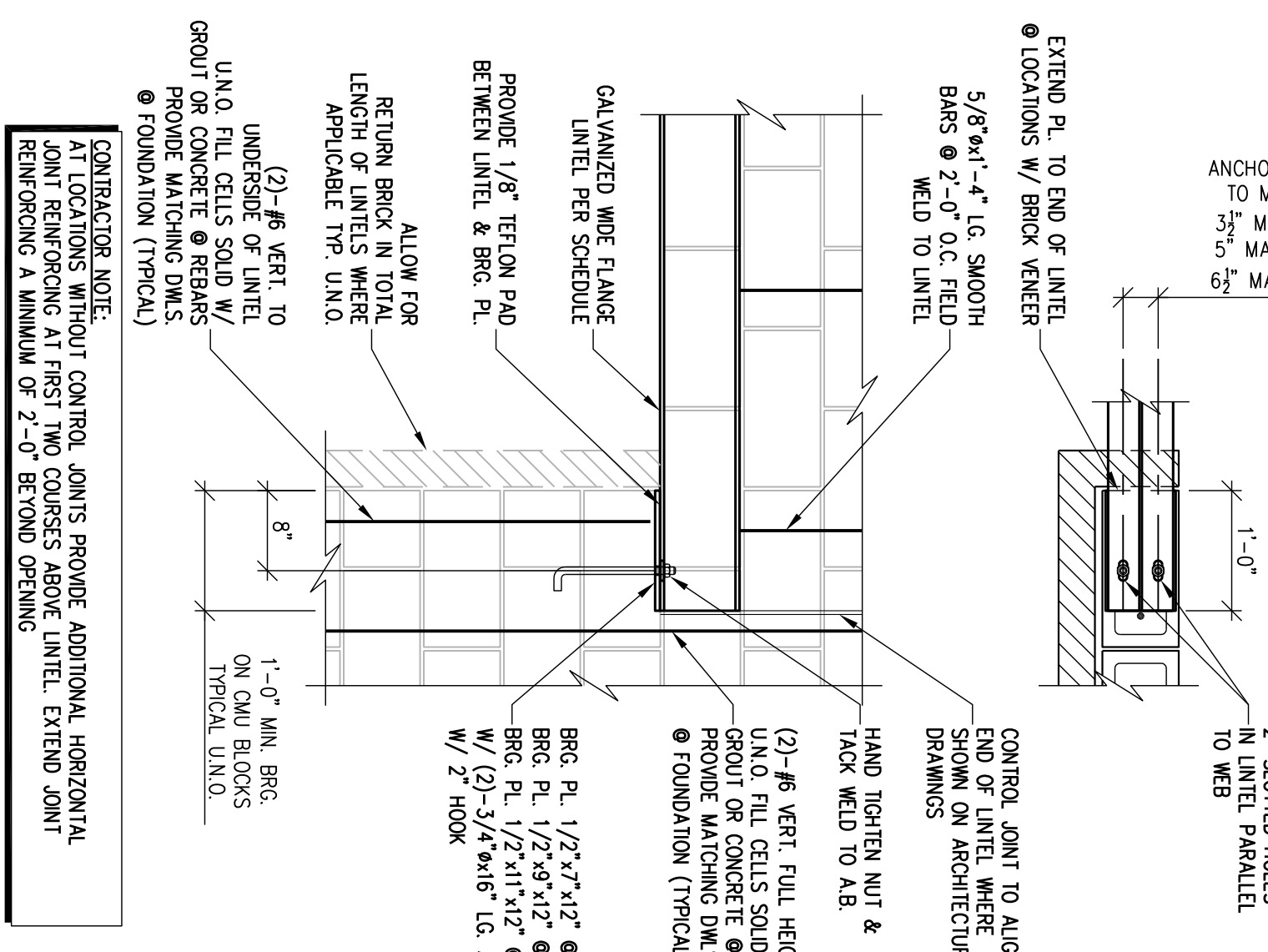


TYPICAL THICKENED SLAB AT LOAD BEARING MASONRY WALL DETAIL
N.T.S.

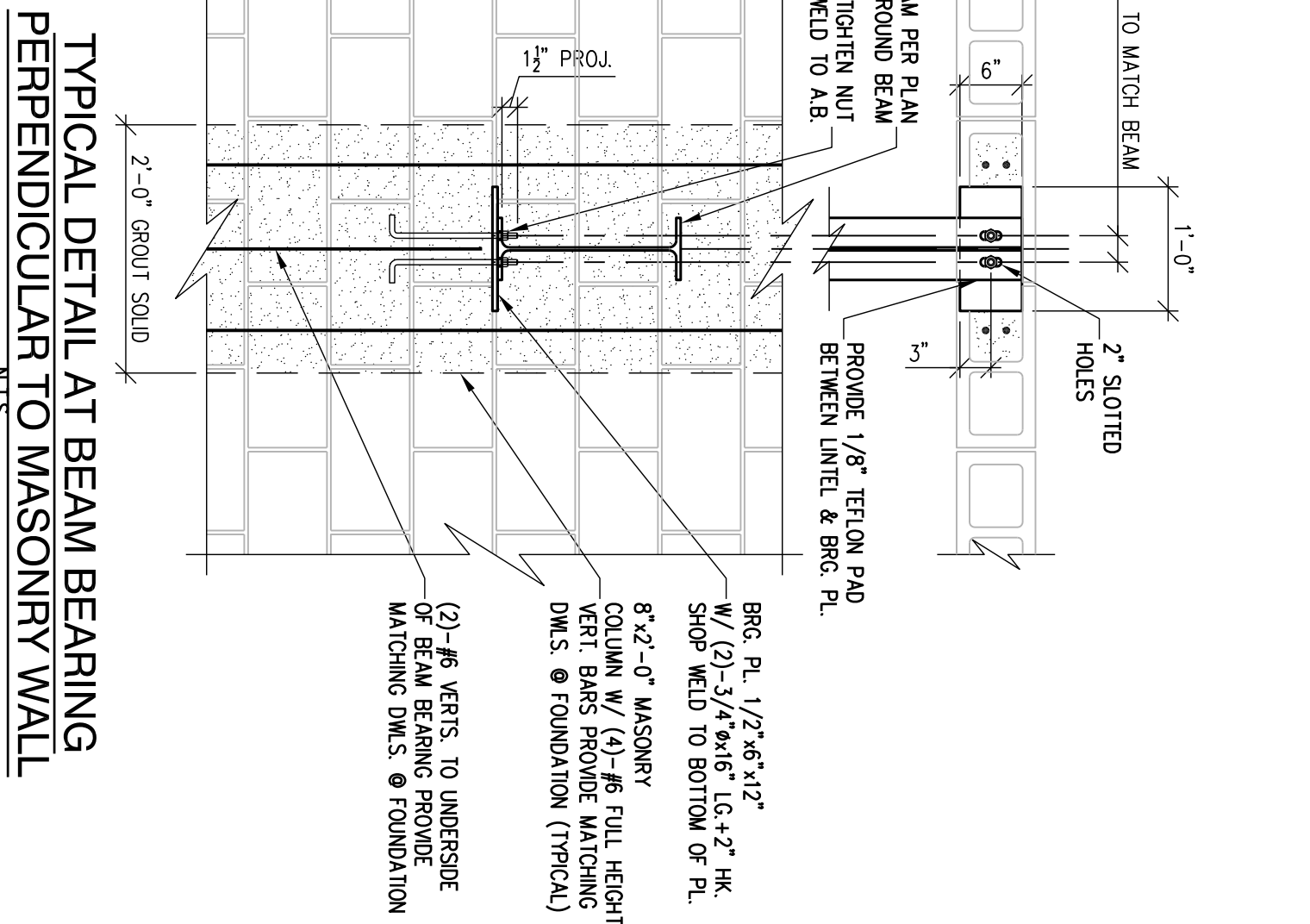


TYPICAL STEPPED FOOTING DETAIL
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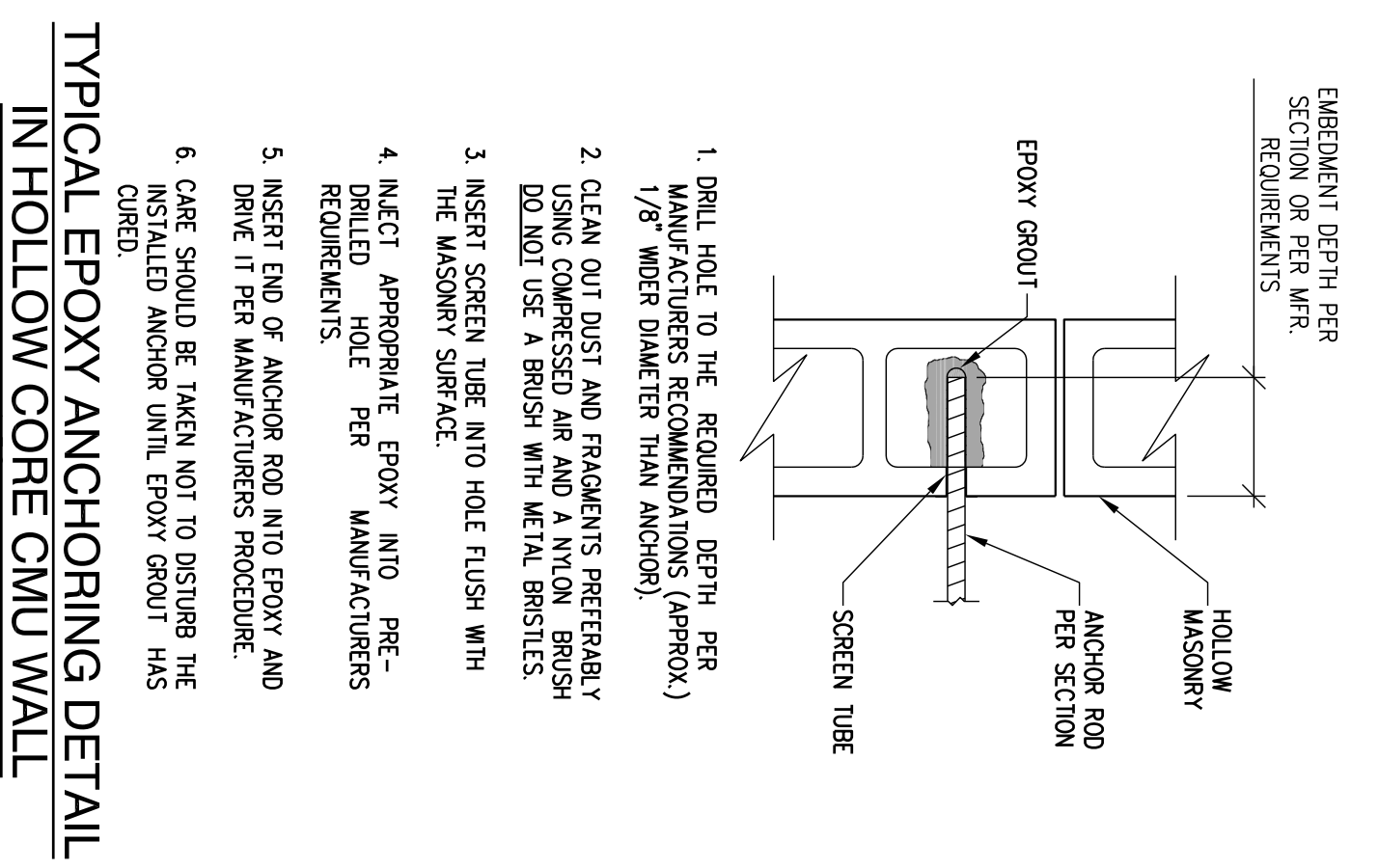
TYPICAL STEEL WIDE FLANGE LINTEL DETAIL AT 8\", 10\", AND 12\"/>



TYPICAL DETAIL AT BEAM BEARING PERPENDICULAR TO MASONRY WALL
N.T.S.



TYPICAL EPOXY ANCHORING DETAIL IN HOLLOW CORE CMU WALL
N.T.S.



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.

NOTE: CONTRACTORS TO COMPLY WITH ALL GOVERNING REGULATIONS AND REQUIREMENTS INCLUDING OSHA REGULATIONS 29 CFR PART 1926 FOR CONSTRUCTION INDUSTRY.

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.

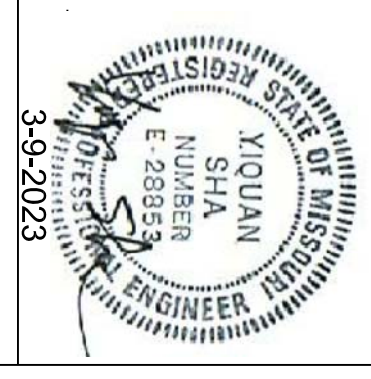
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Sheet Number: S1.2
Date: 3-9-2023
Project Number: 22092

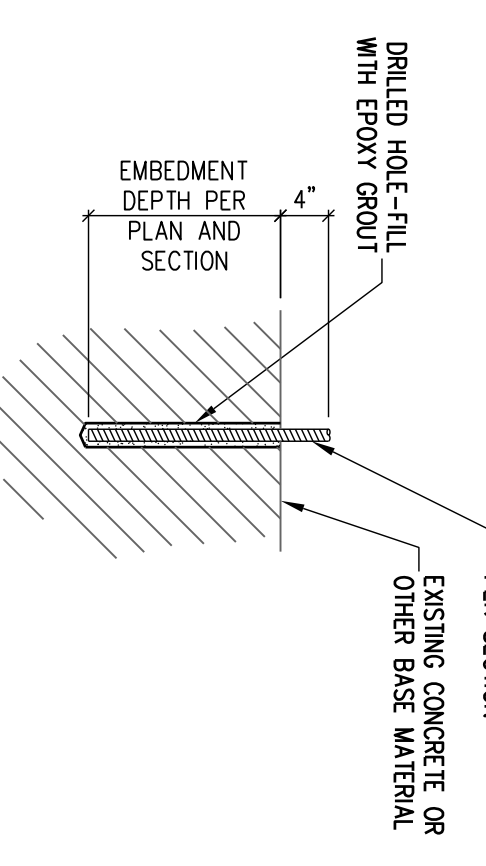
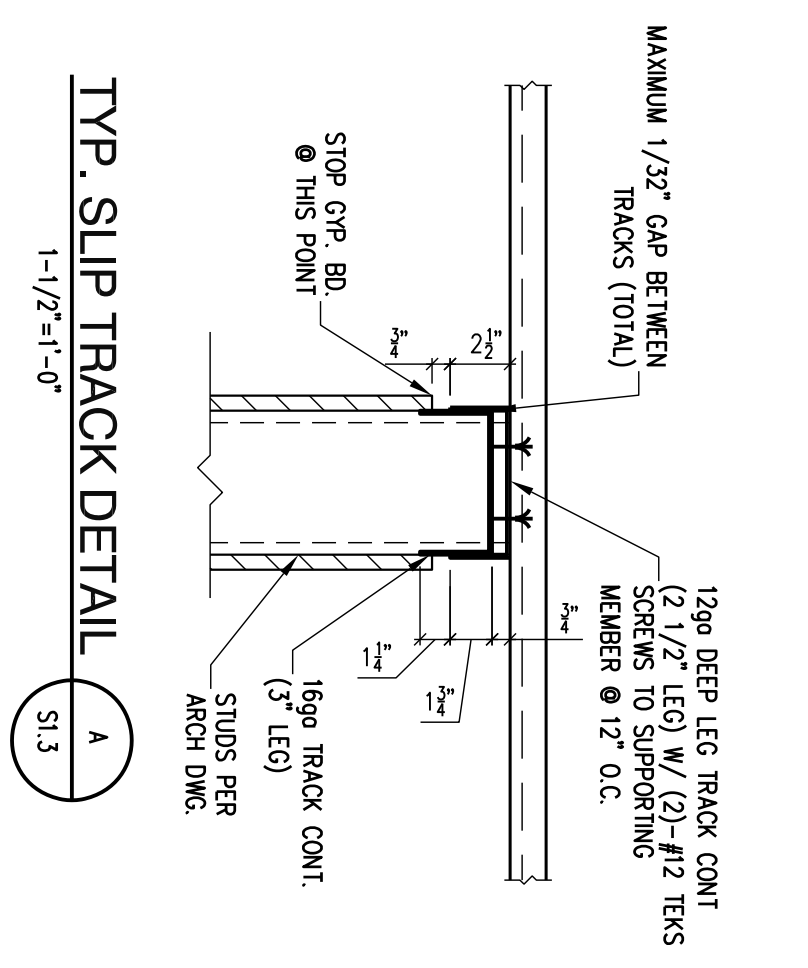
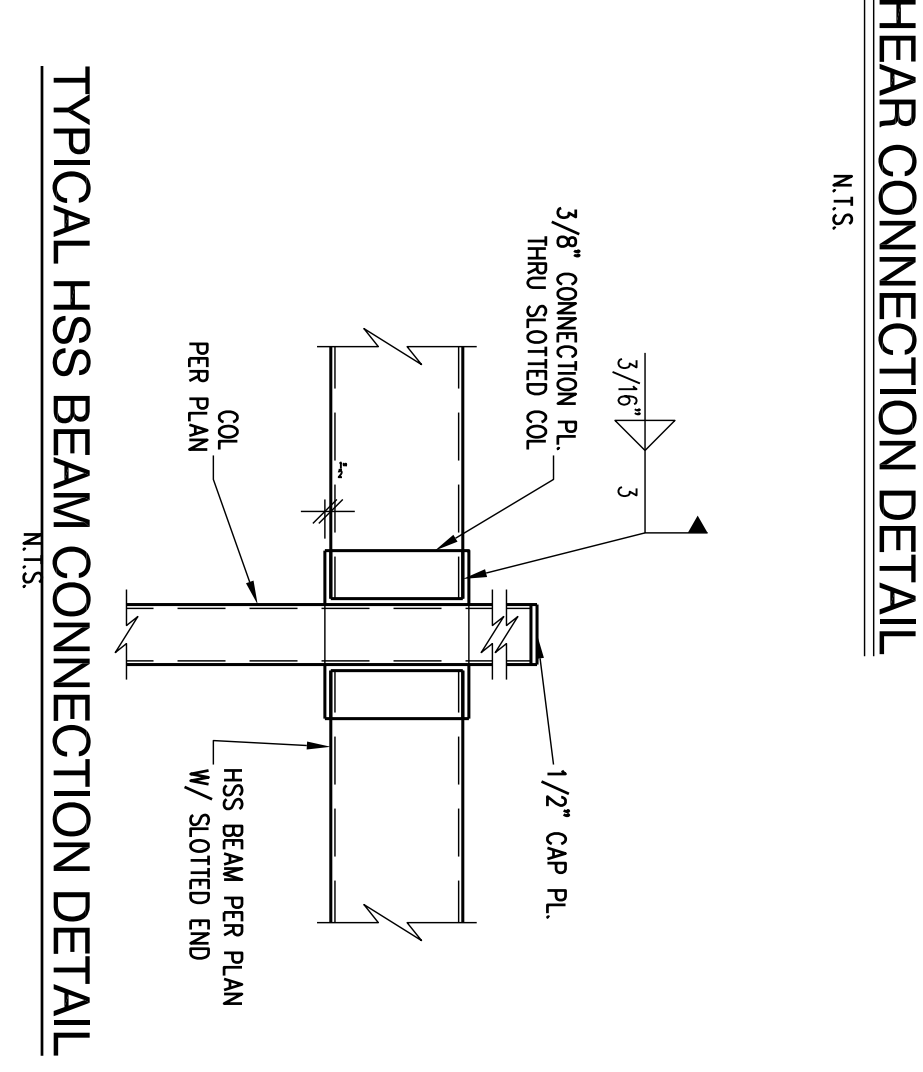
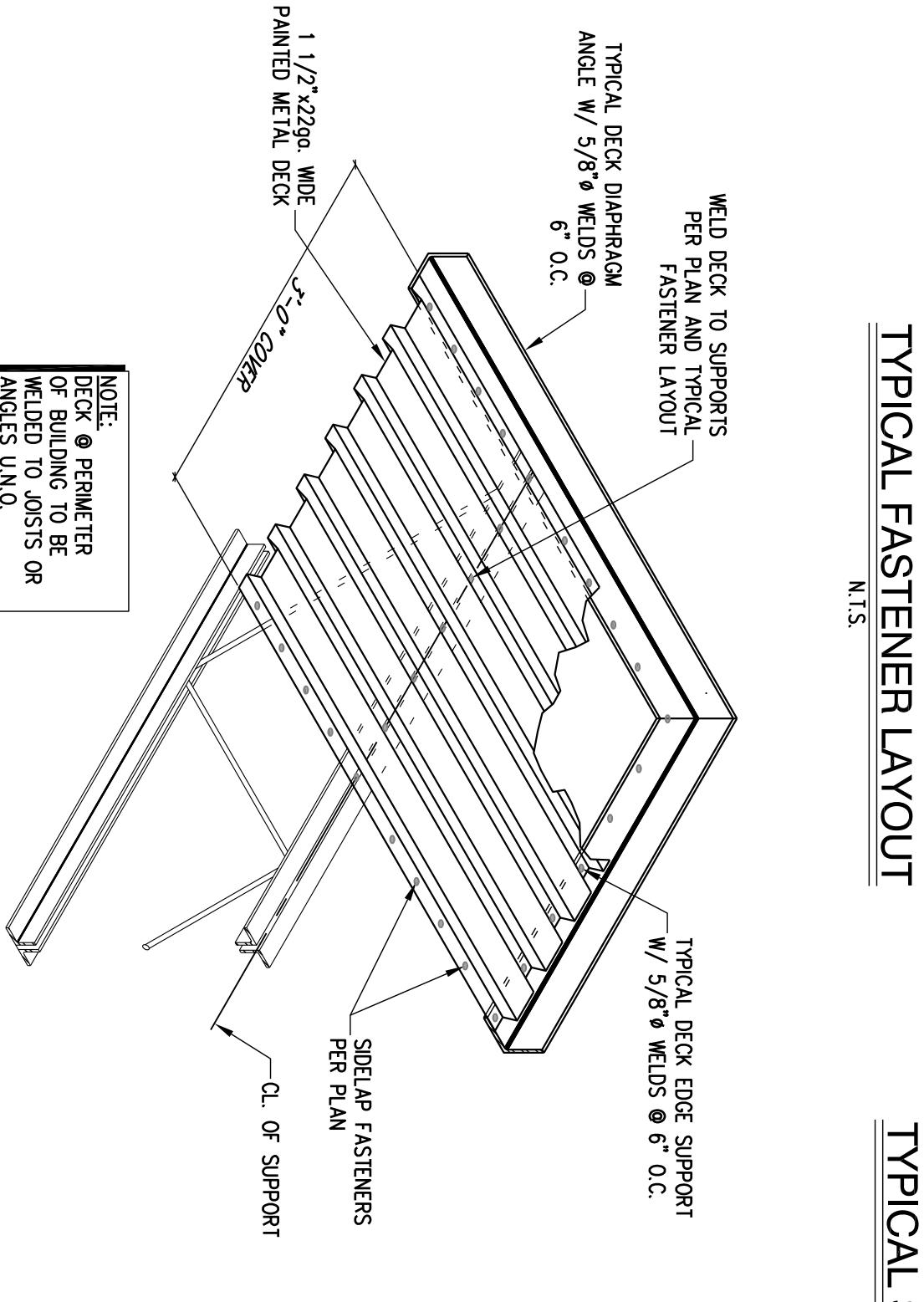
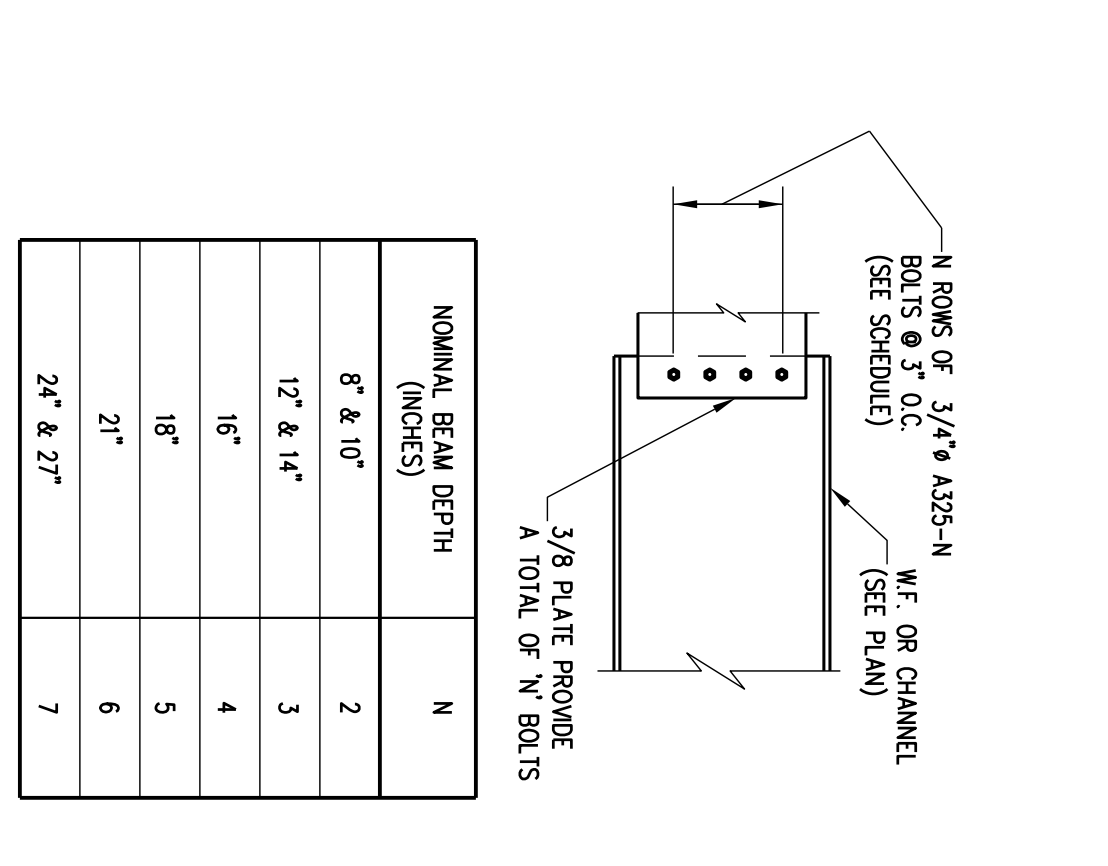
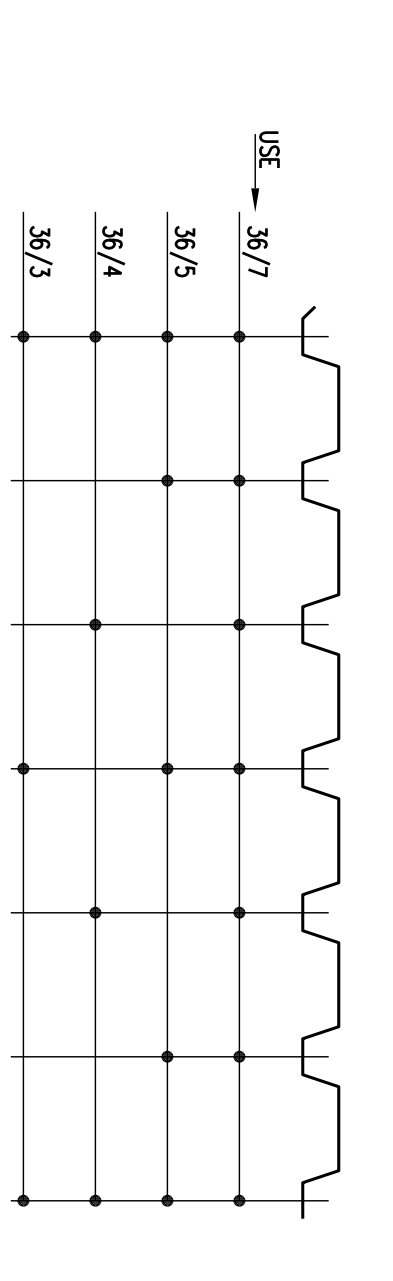
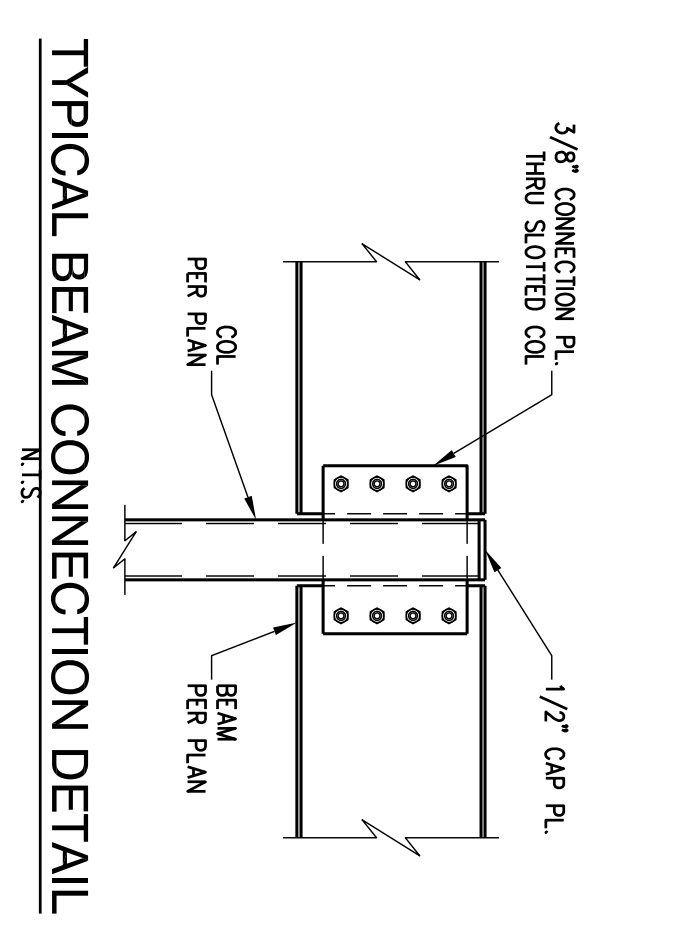
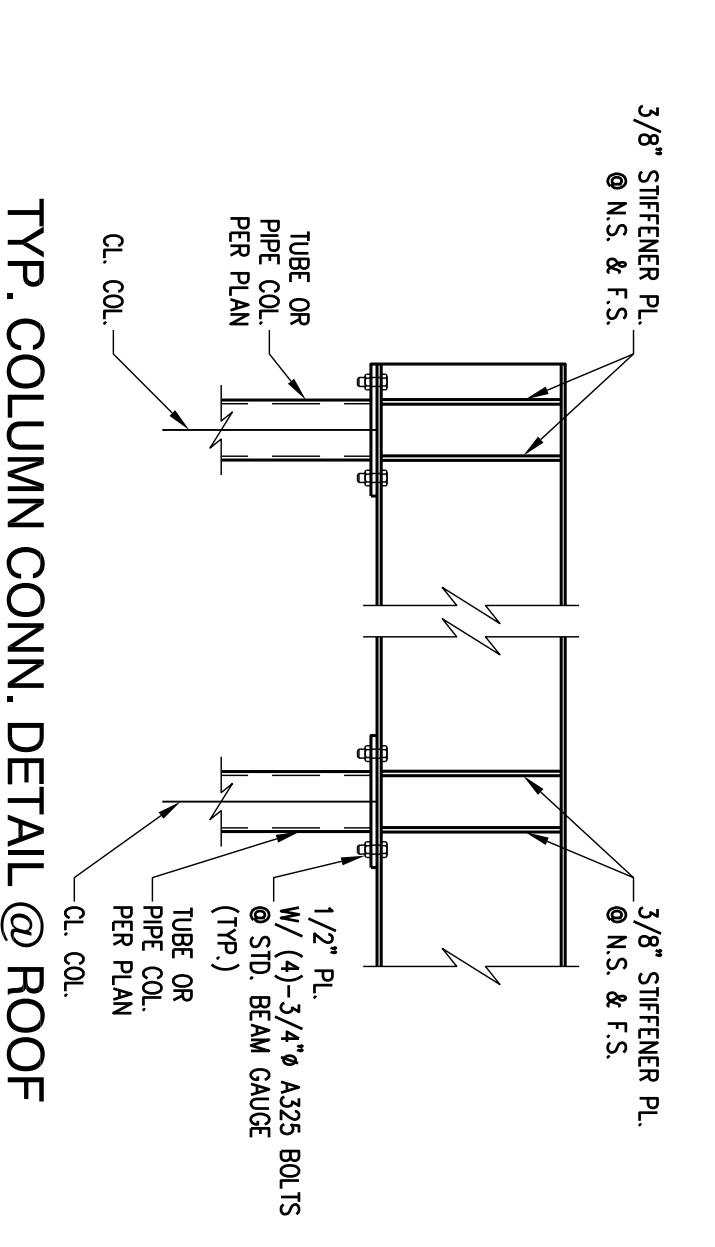
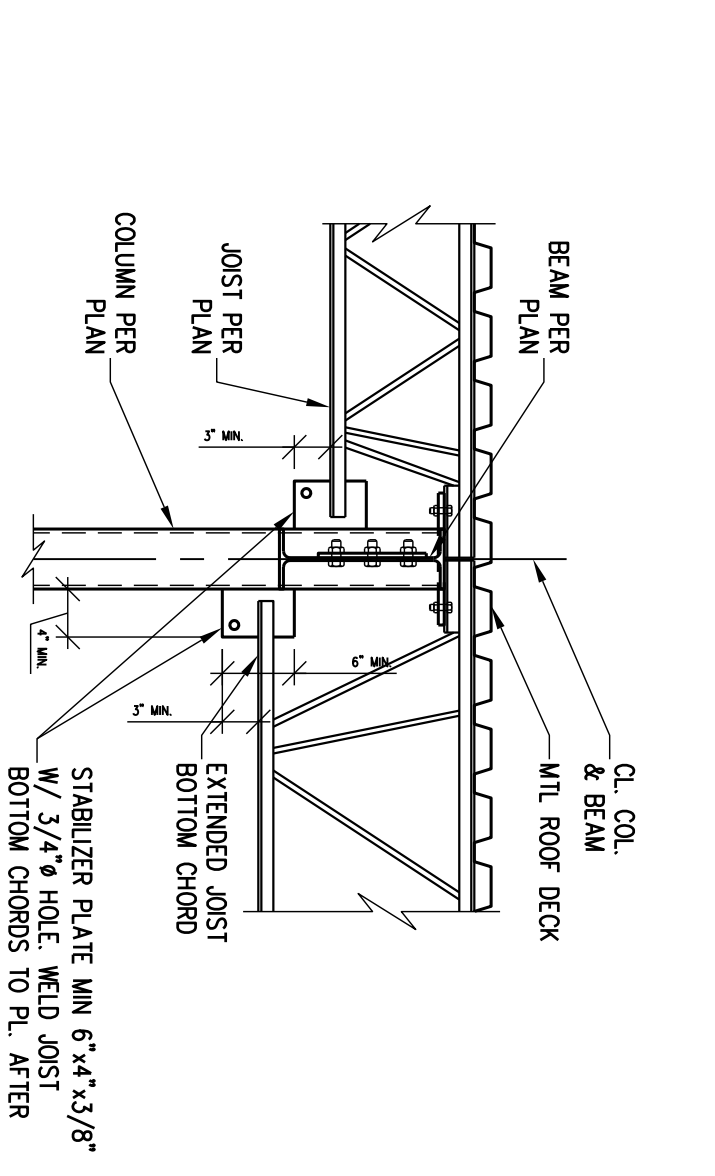
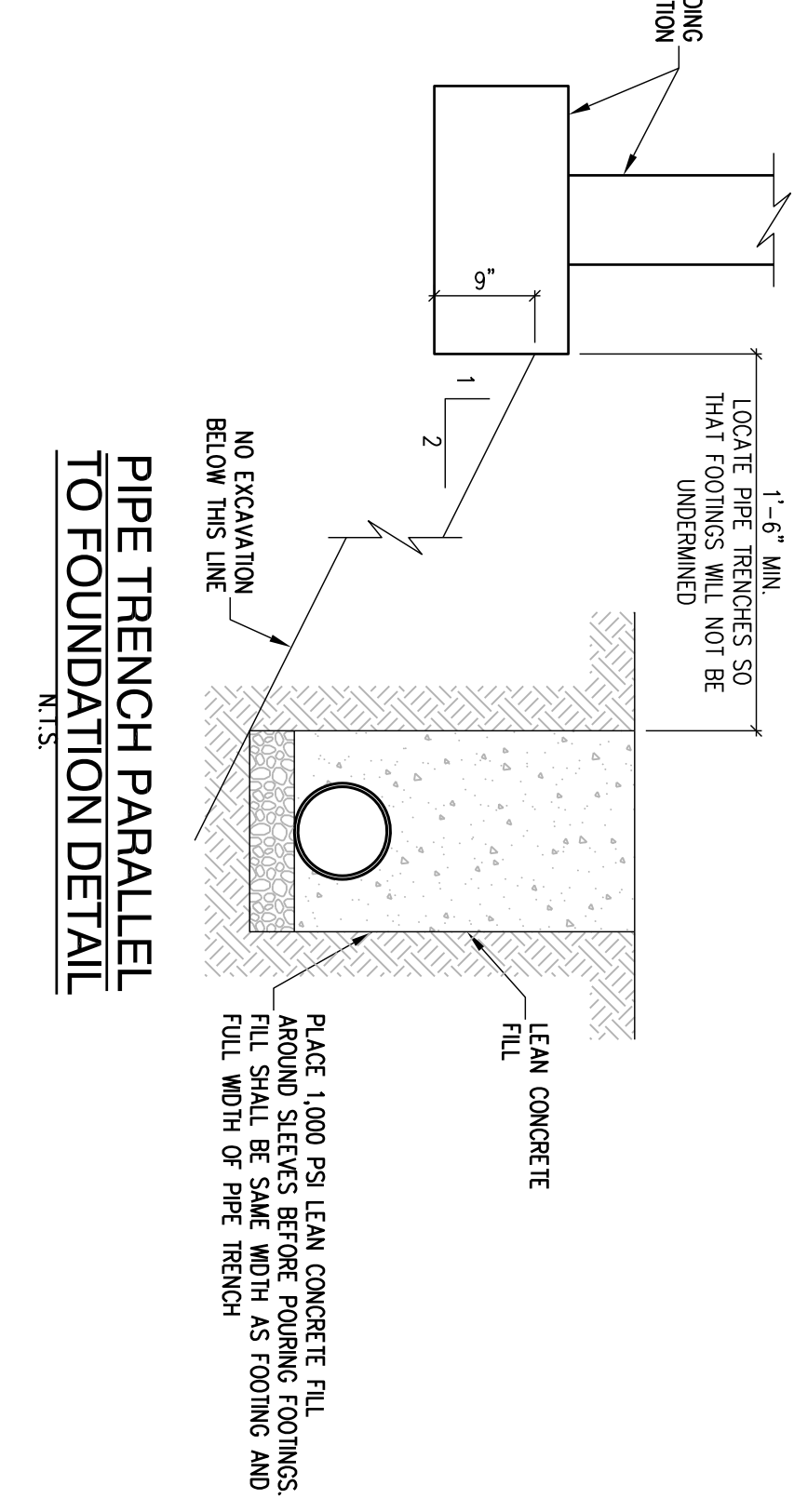
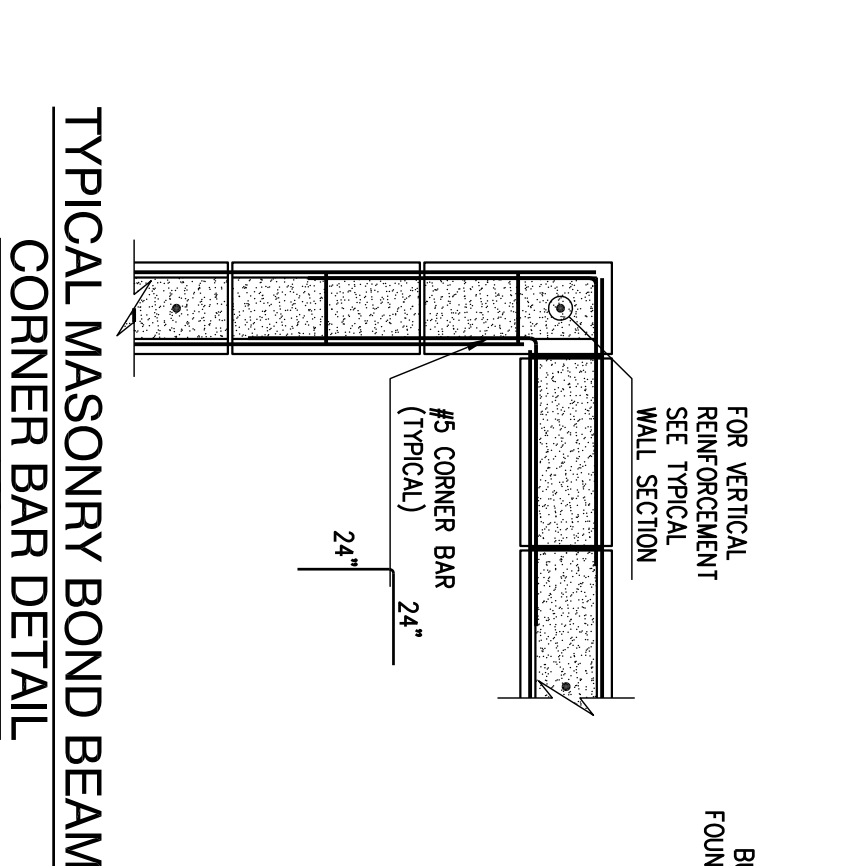
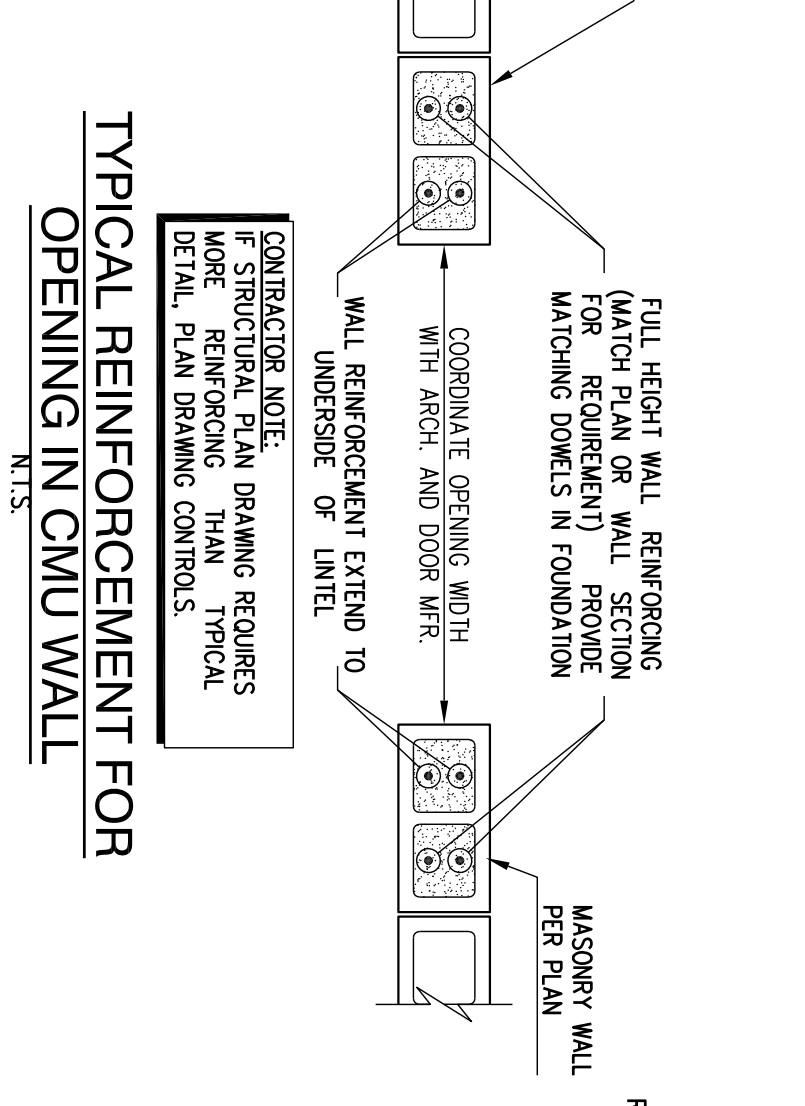
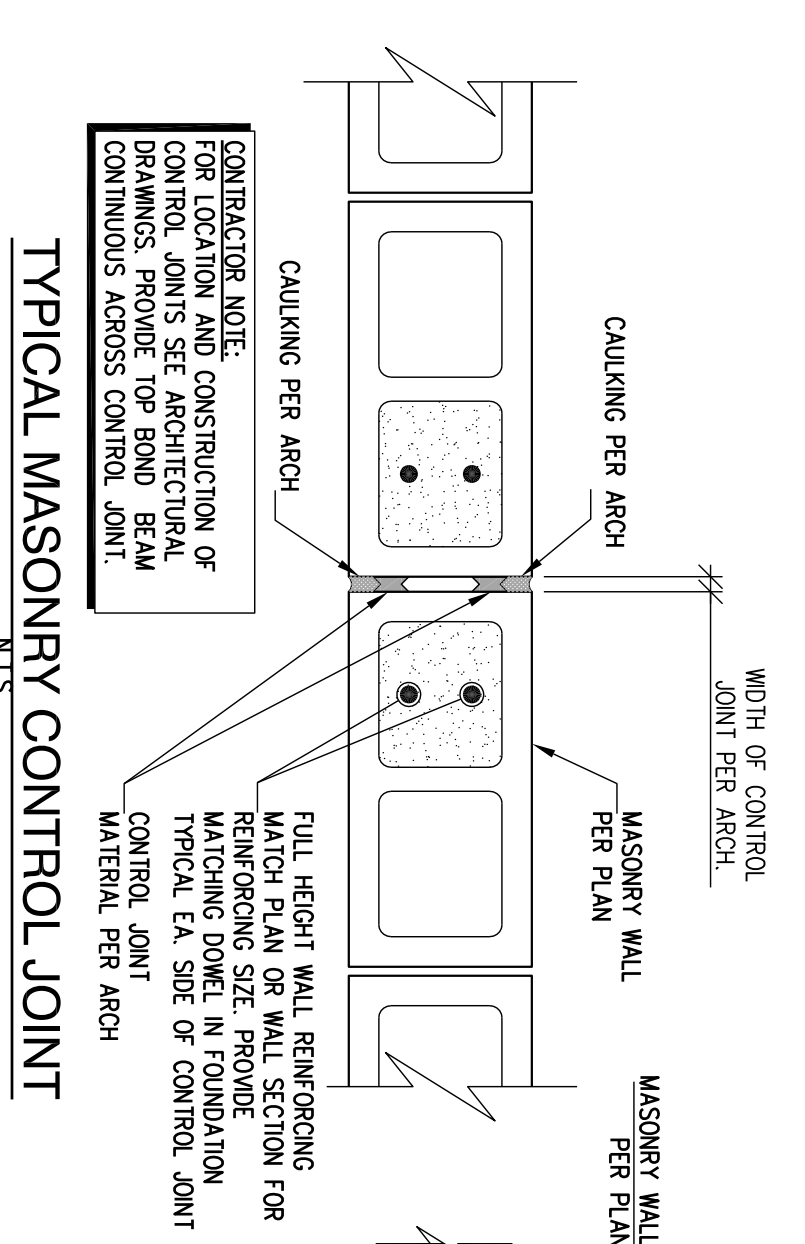
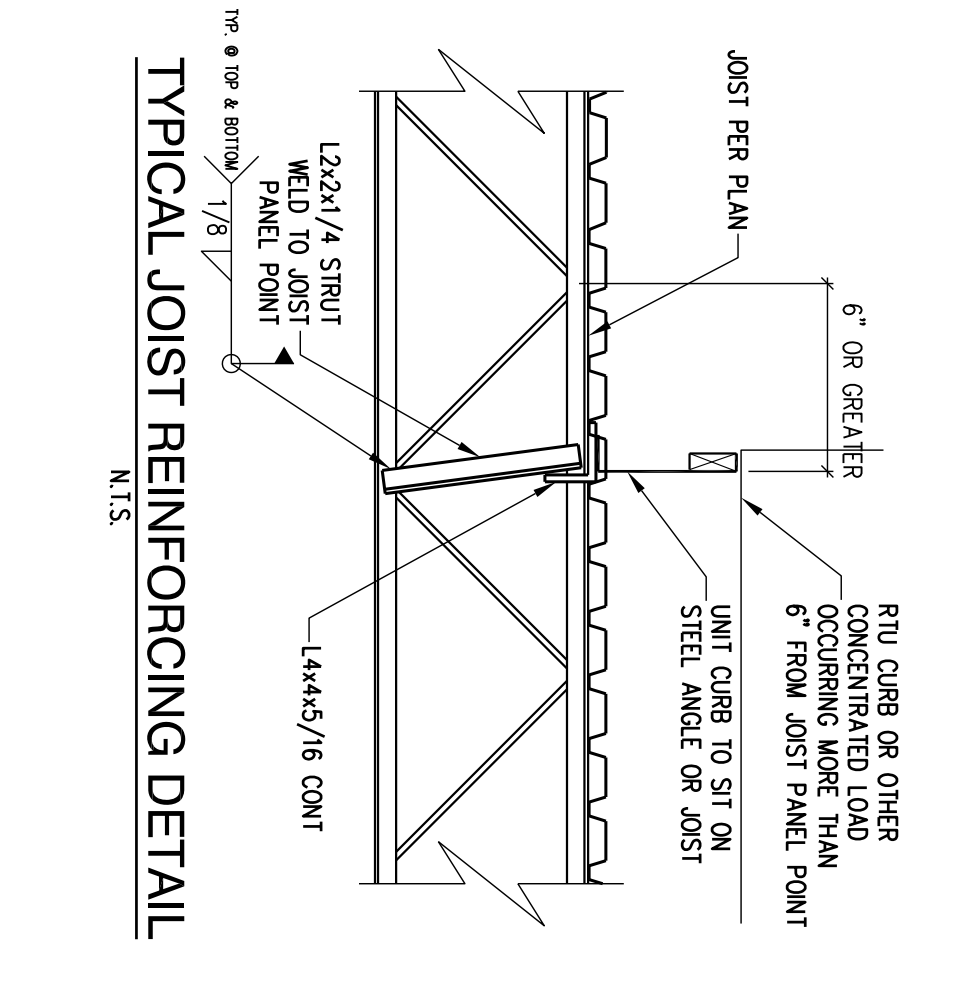
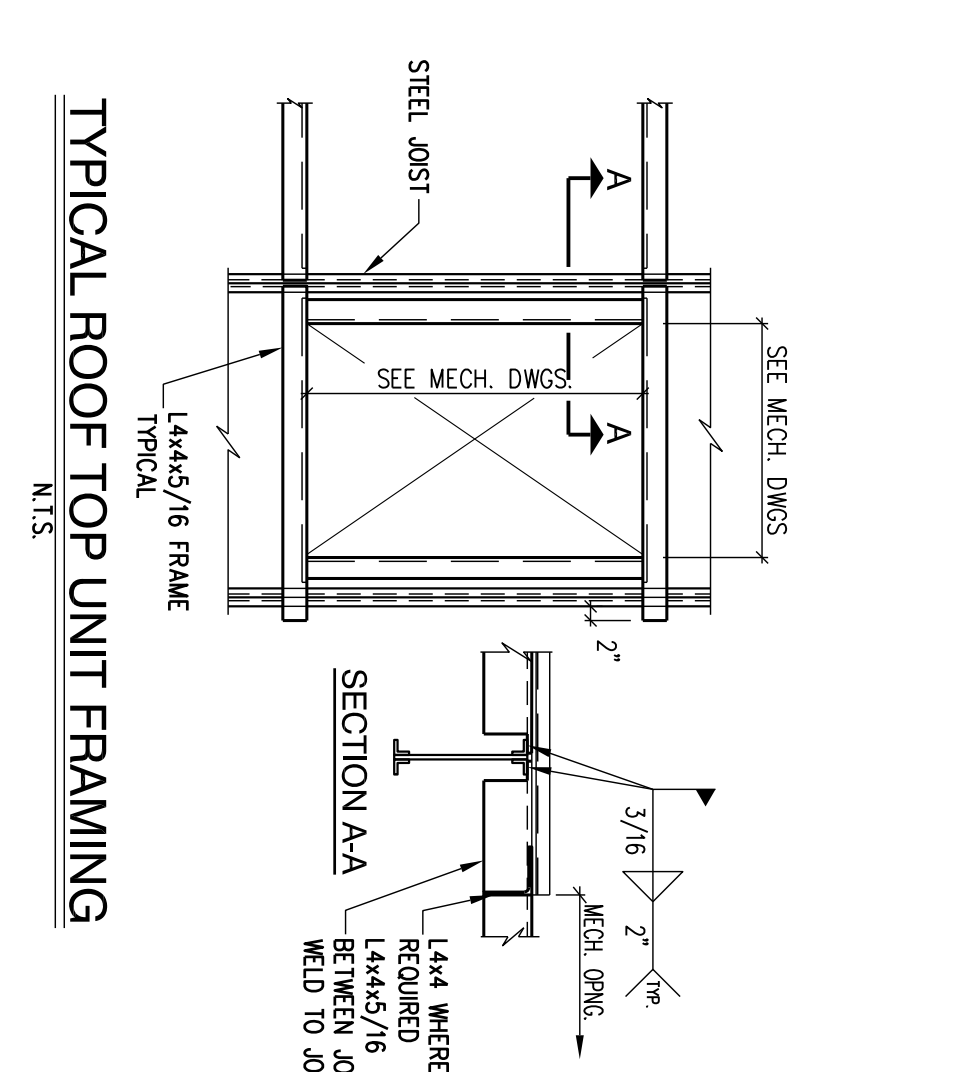
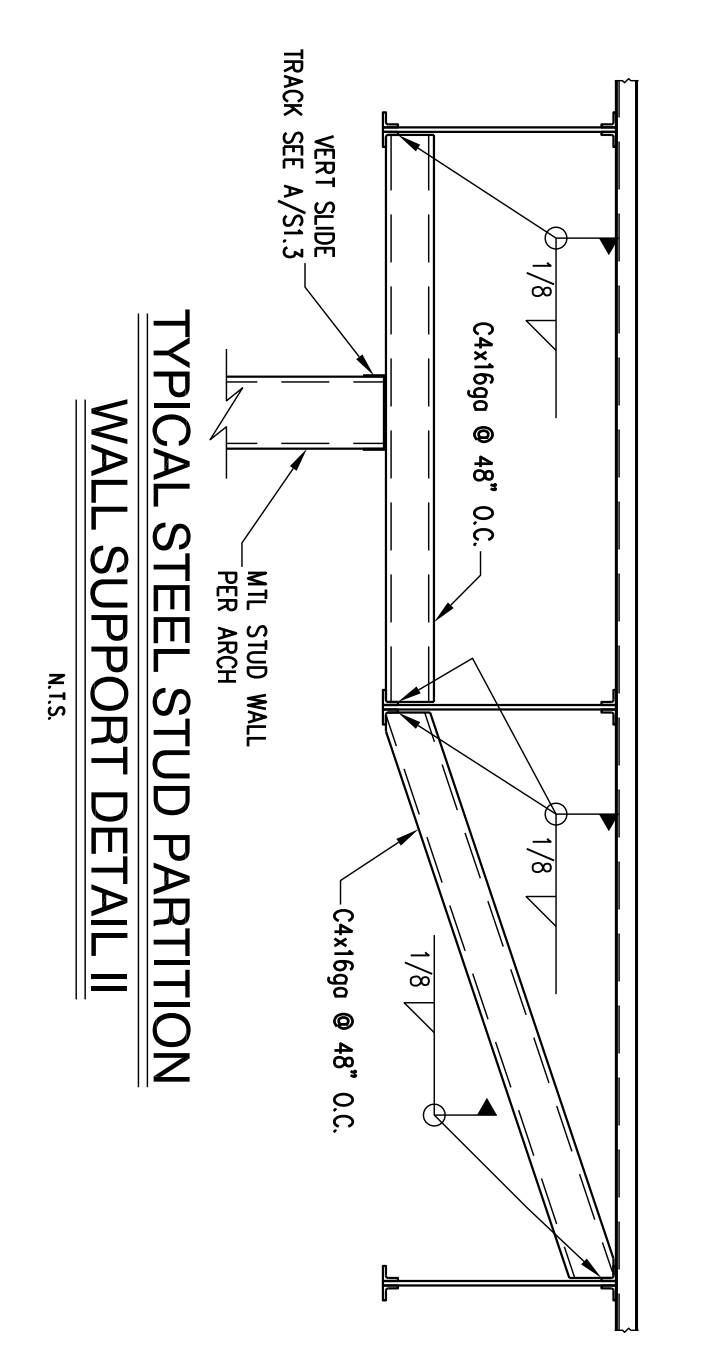
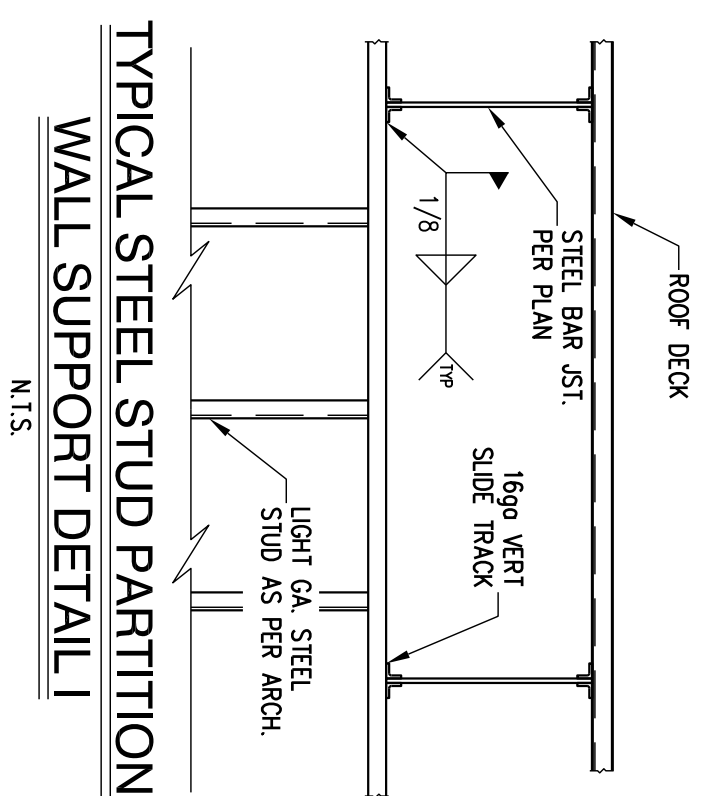
PROPOSED:
CONVENIENCE STORE
HAMBLÉN PLAZA

LEE'S SUMMIT, MISSOURI

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

SUMMIT ENGINEERING GROUP LLC
STRUCTURAL ENGINEERS
12118 Fairpark Lane
St. Louis, MO 63146
Ph: 314-325-4899 Fax: 314-594-9922
Email: eng@summit-engg.com





- DRILL HOLE TO THE REQUIRED DEPTH. APPROX 1/8" WIDER DIAMETER THAN THE REBAR.
- CLEAN OUT DUST AND FRAGMENTS. PREFERABLY USING A JET OF WATER OR COMPRESSED AIR AND A NYLON BRUSH. DO NOT USE A WIRE BRUSH.
- INSERT APPROPRIATE EPOXY GROUT INTO PRE-DRILLED HOLE IN BASE MATERIAL.
- PLACE ANCHOR ON TOP OF EPOXY GROUT AND DRIVE ANCHOR TO BOTTOM OF HOLE.
- CARE SHOULD BE TAKEN NOT TO DISTURB THE INSTALLED REBAR UNTIL EPOXY GROUT HAS CURED.

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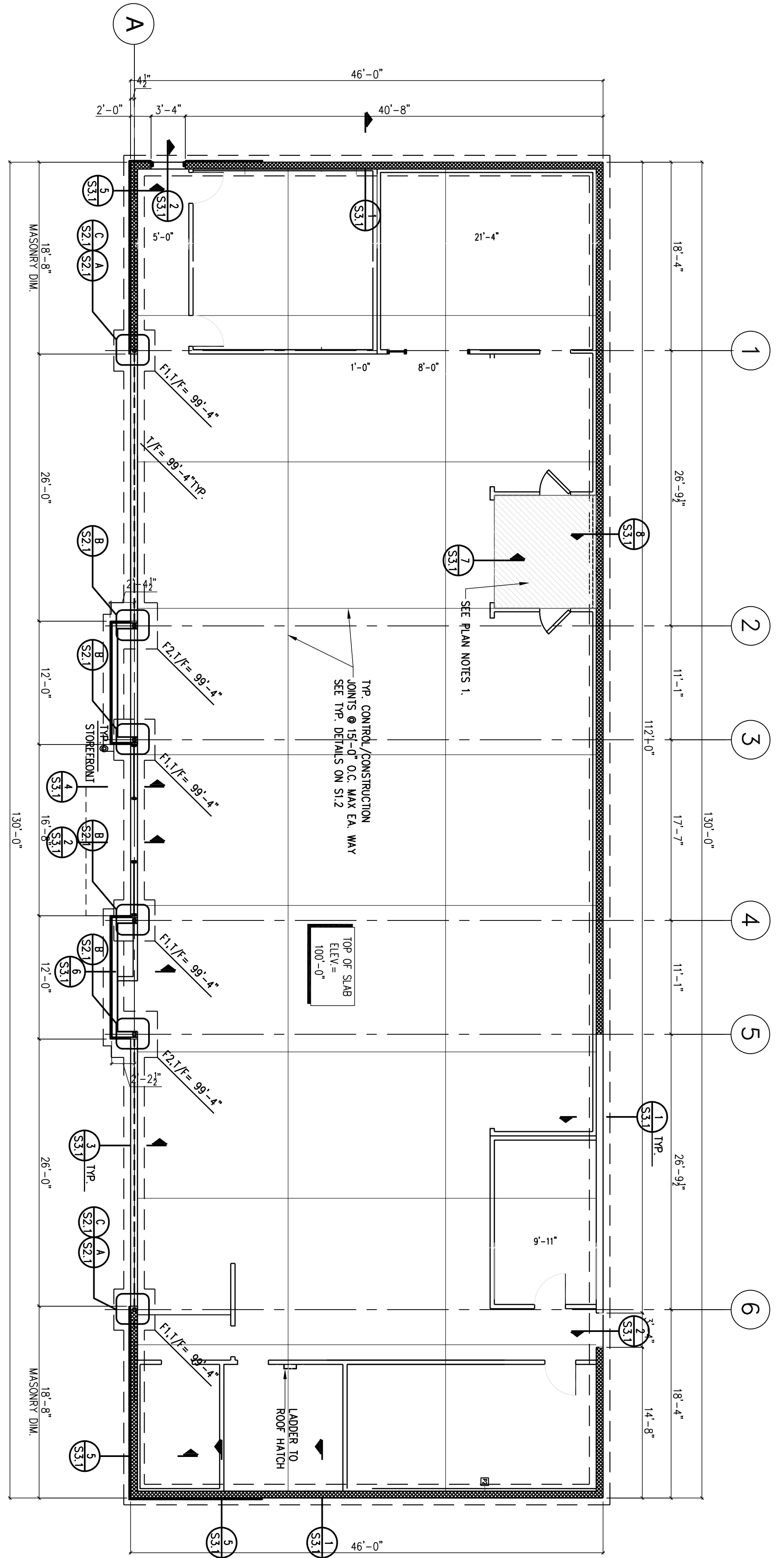
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ARCHITECTURE SITE PLANNING

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(314) 863-6661 FAX (314) 863-3718

XIOLAN
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NUMBER
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REGISTERED PROFESSIONAL ENGINEER
3-9-2023

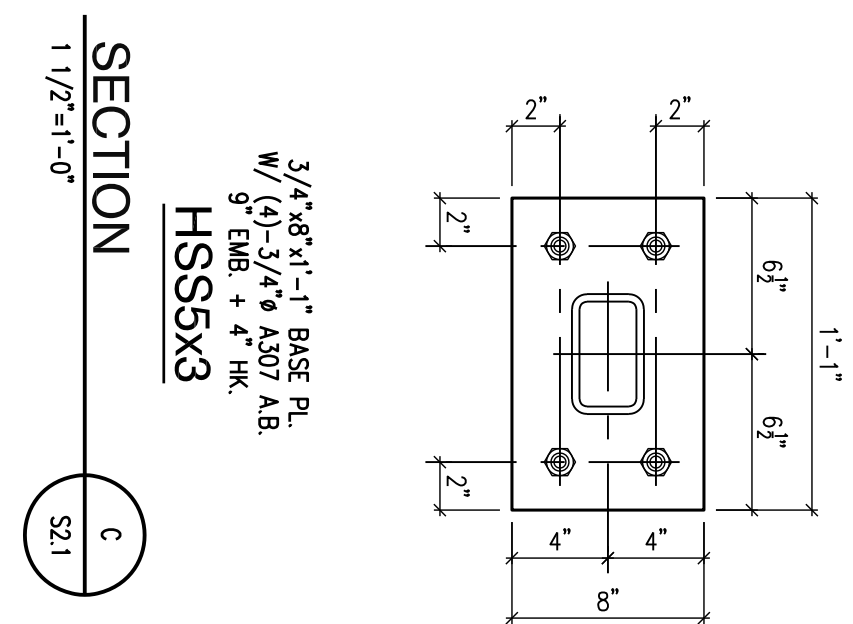
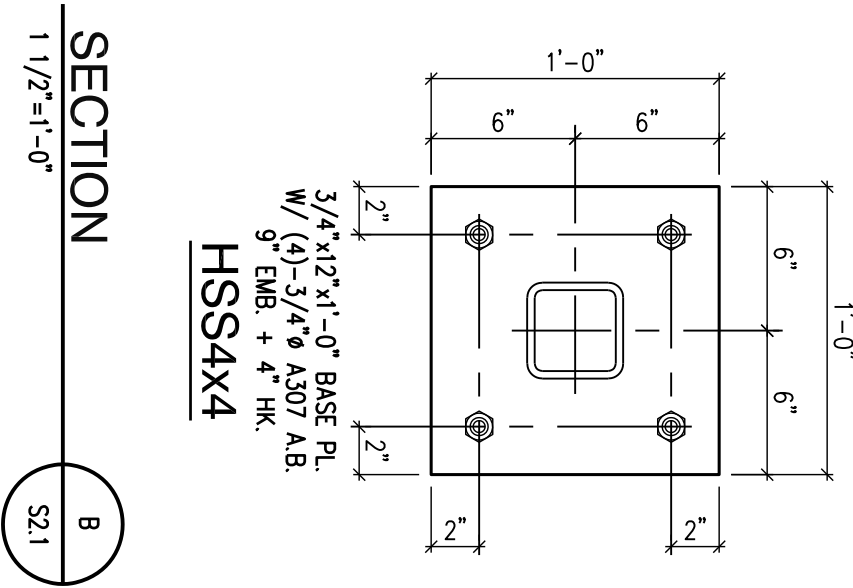
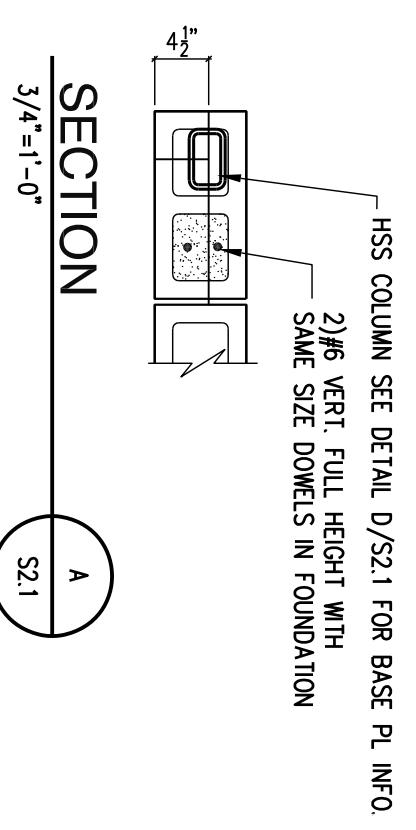
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HAMBLEN PLAZA
LEE'S SUMMIT, MISSOURI

Sheet Title:
TYP. DETAILS
Drawn By:
DS
Sheet Number
S1.3
Date: 3-9-2023
Project Number: 22032



FOOTING & PIER SCHEDULE		
MARK	SIZE	REINFORCING
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- FOUNDATION PLAN** 1/8\"/>
 - FLOOR CONSTRUCTION: 4\"/>



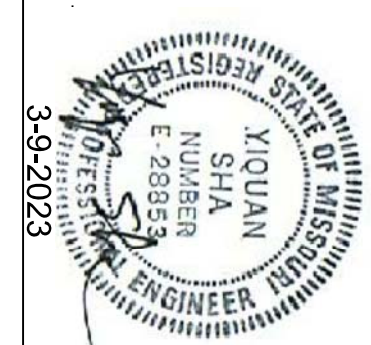
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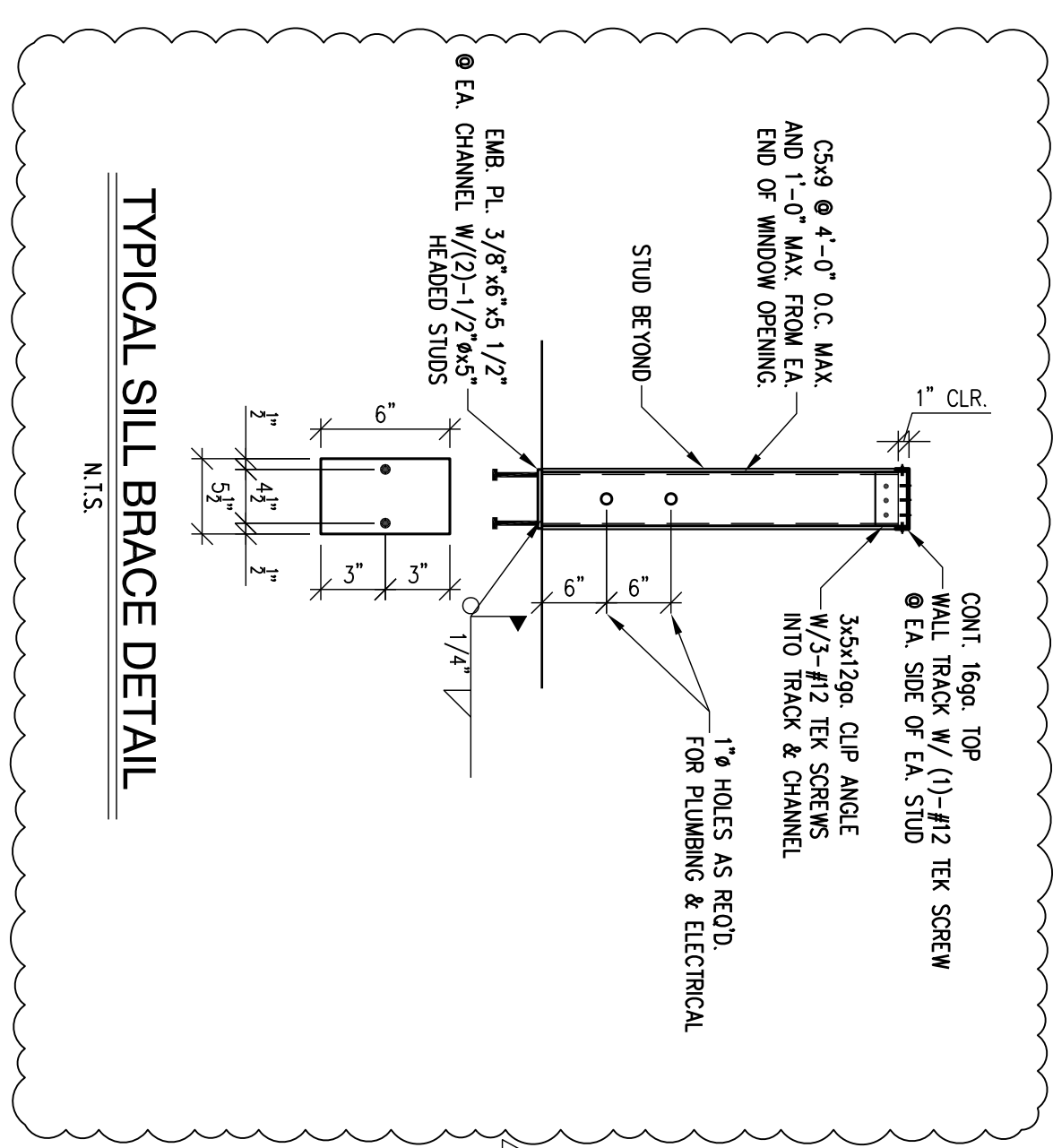
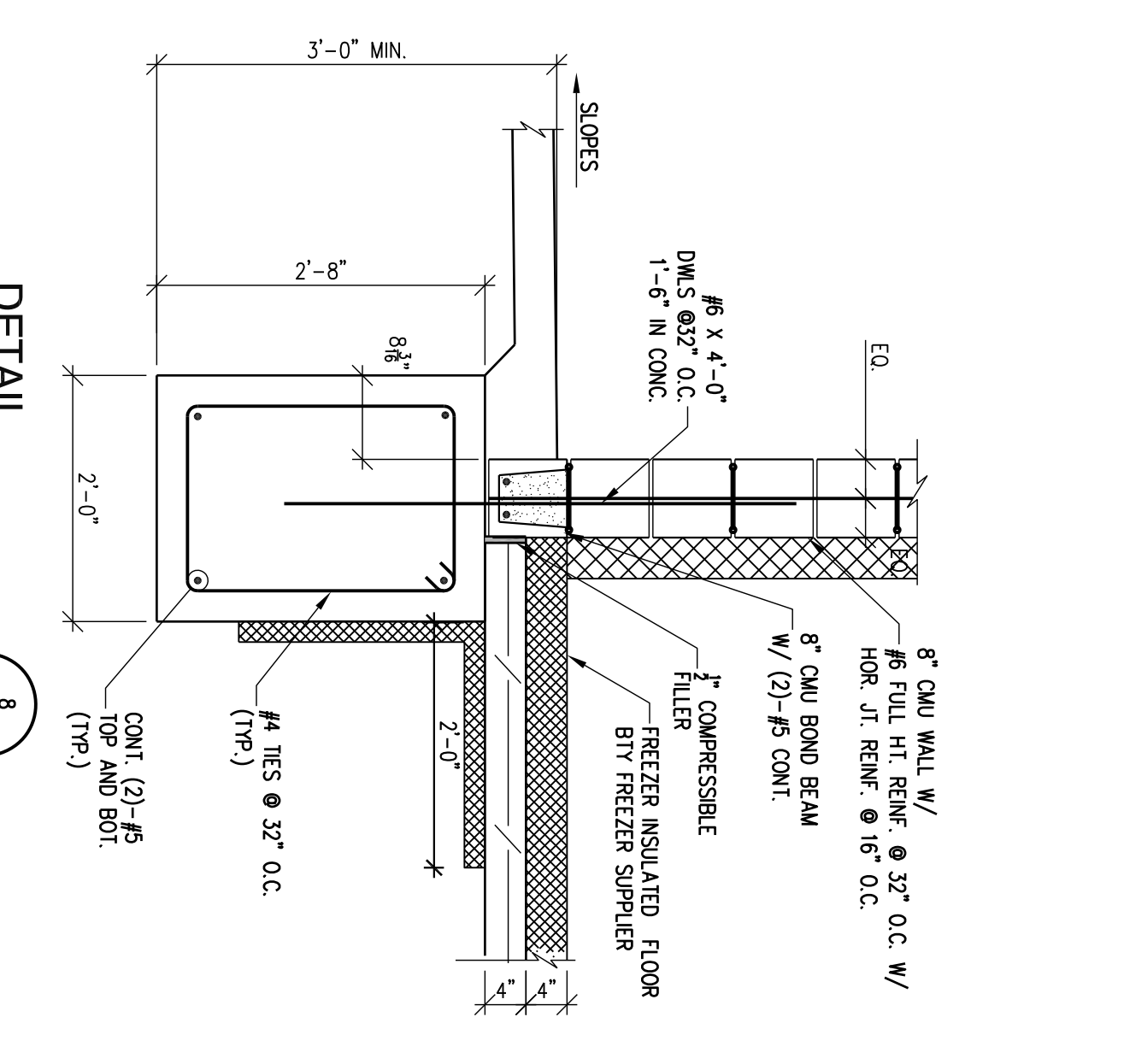
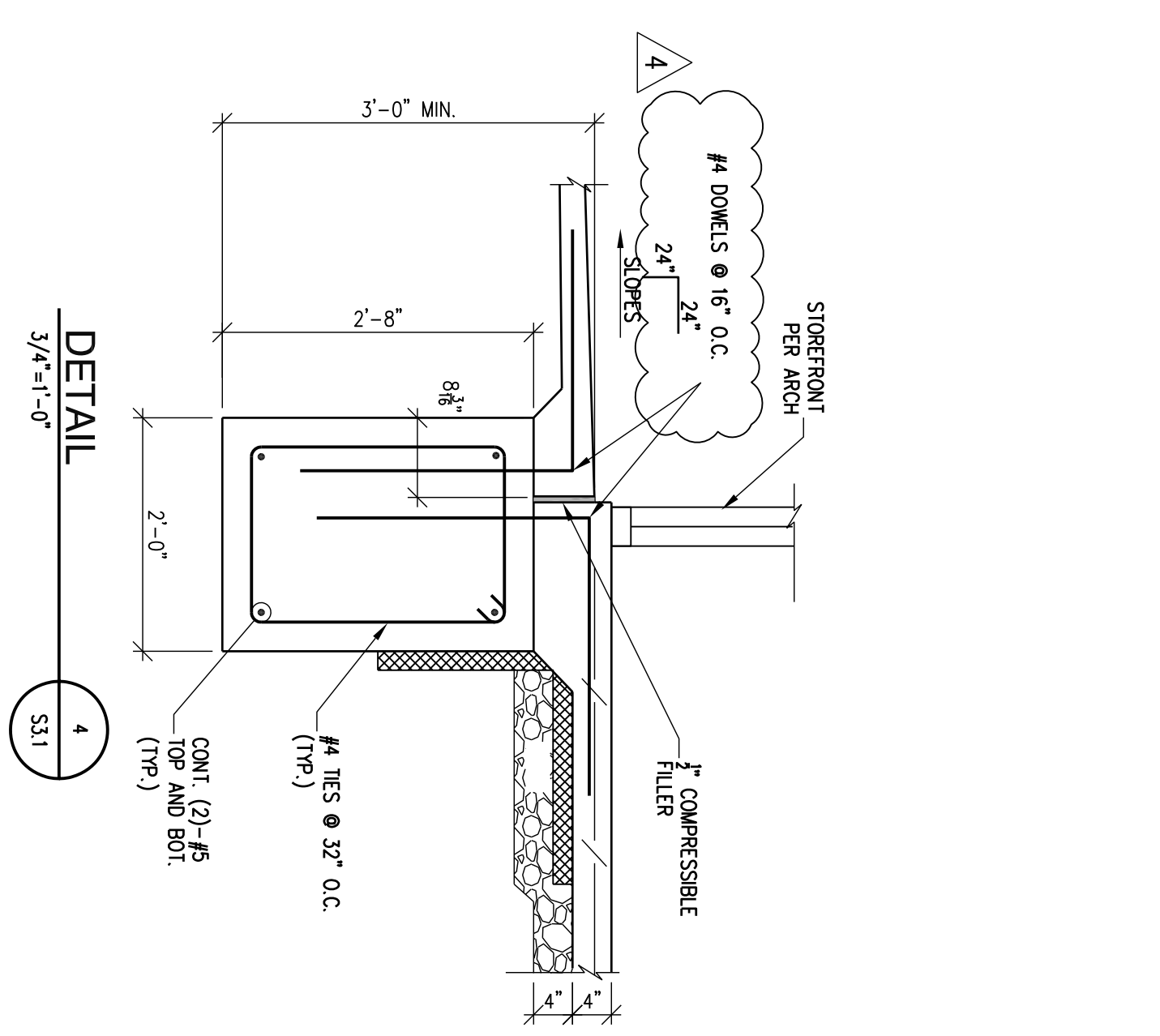
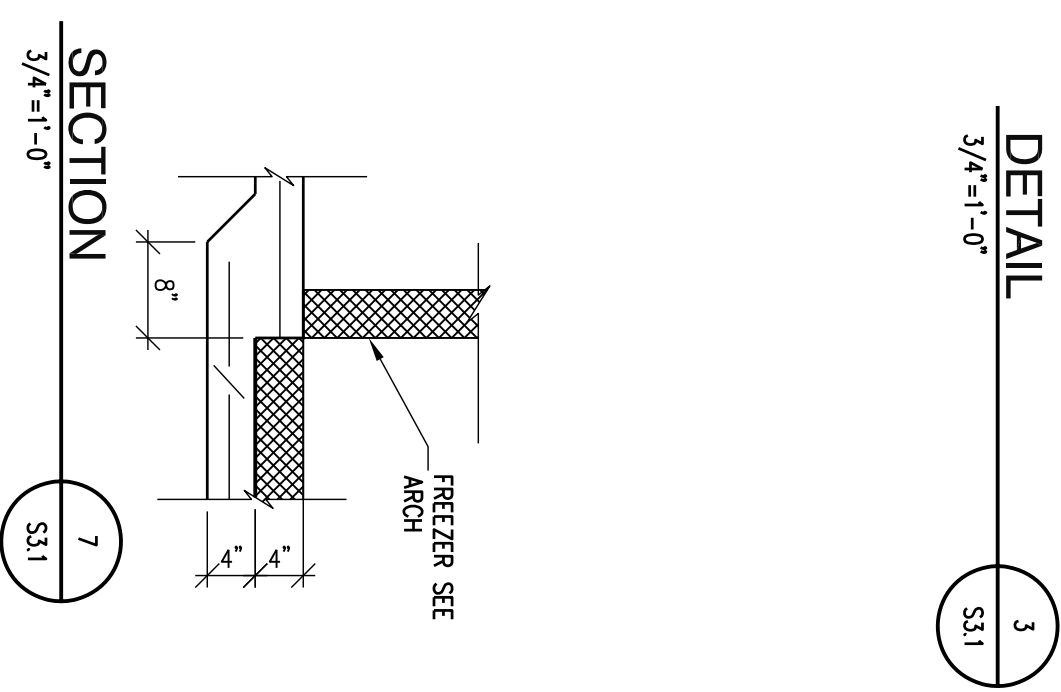
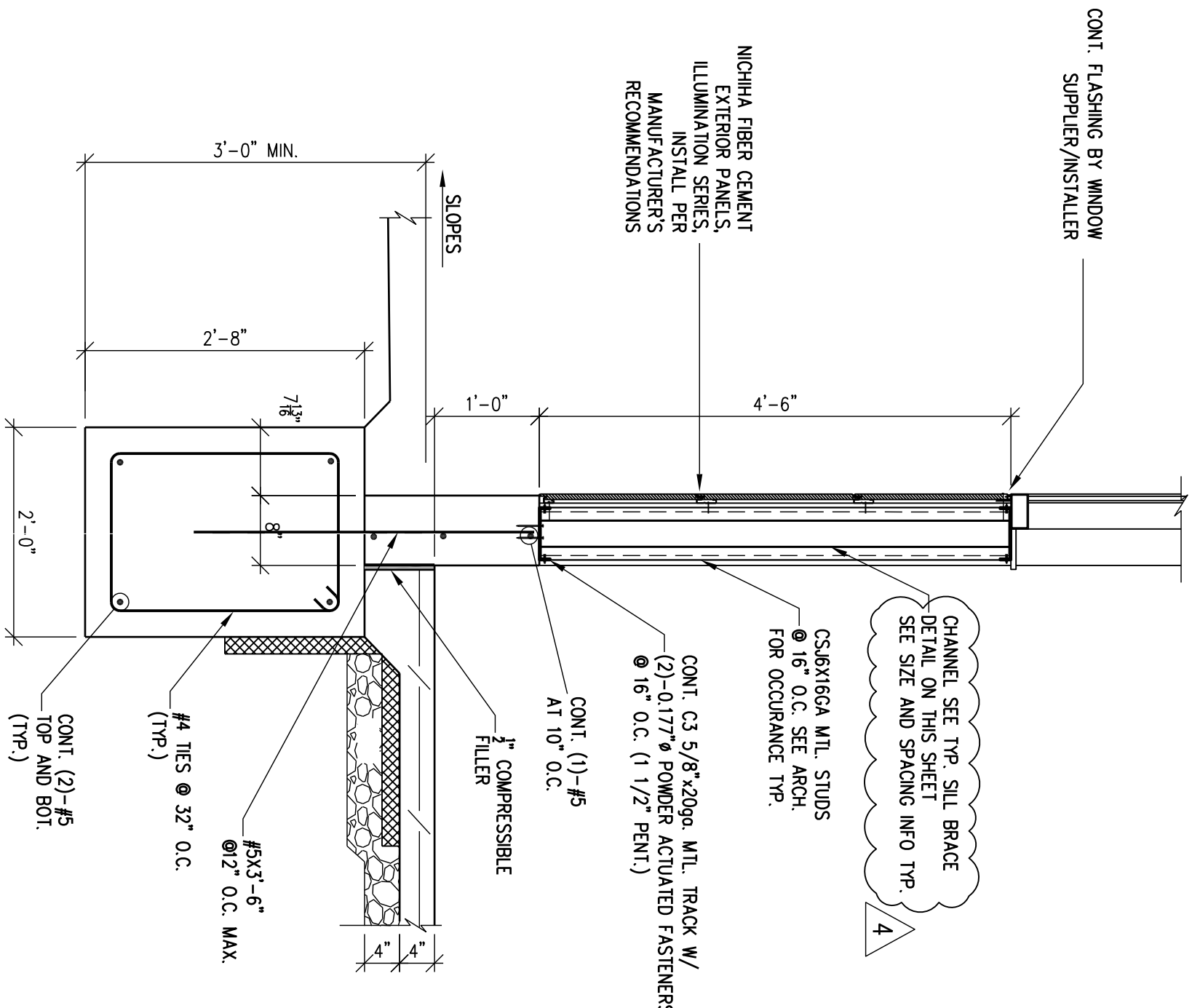
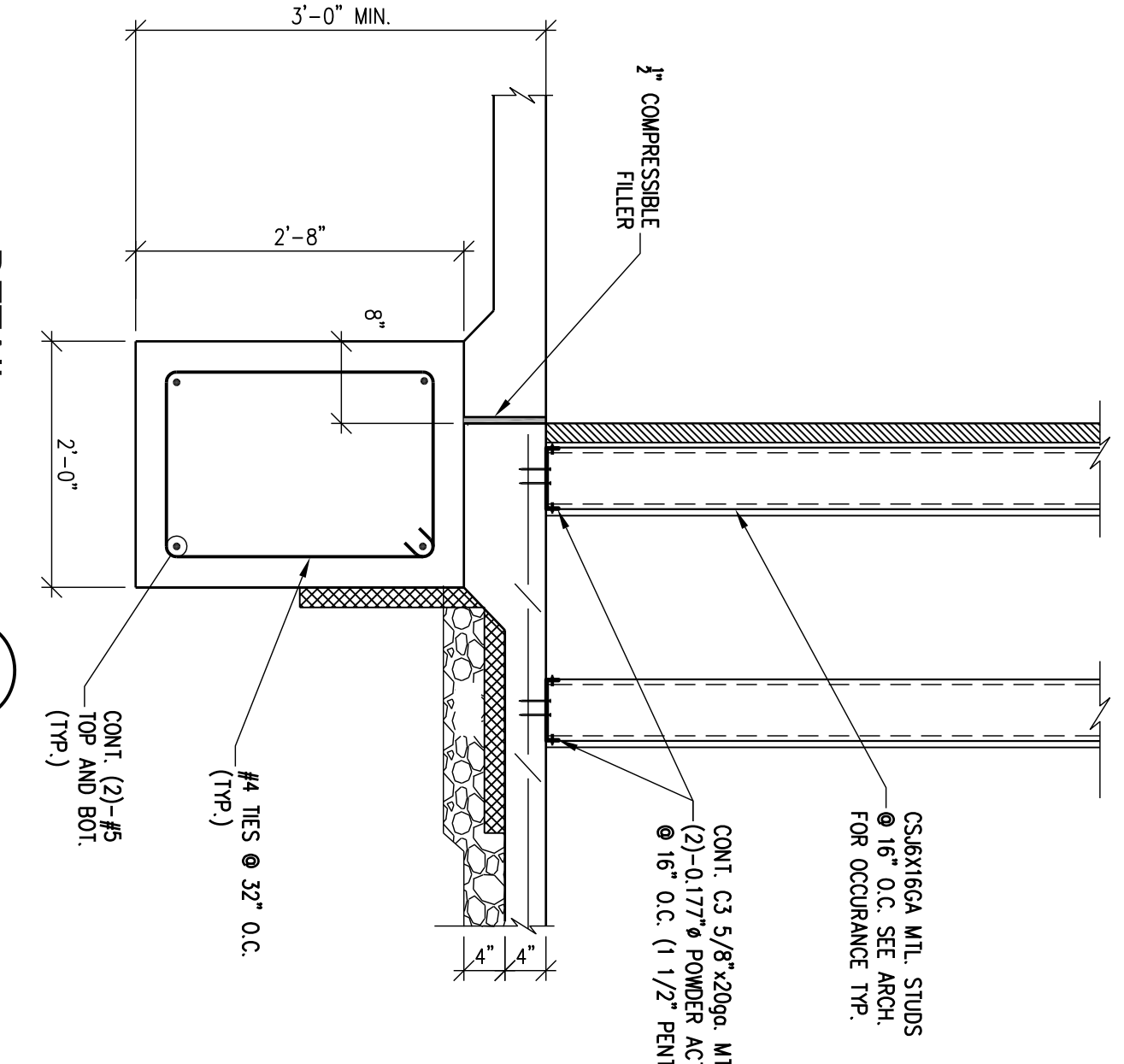
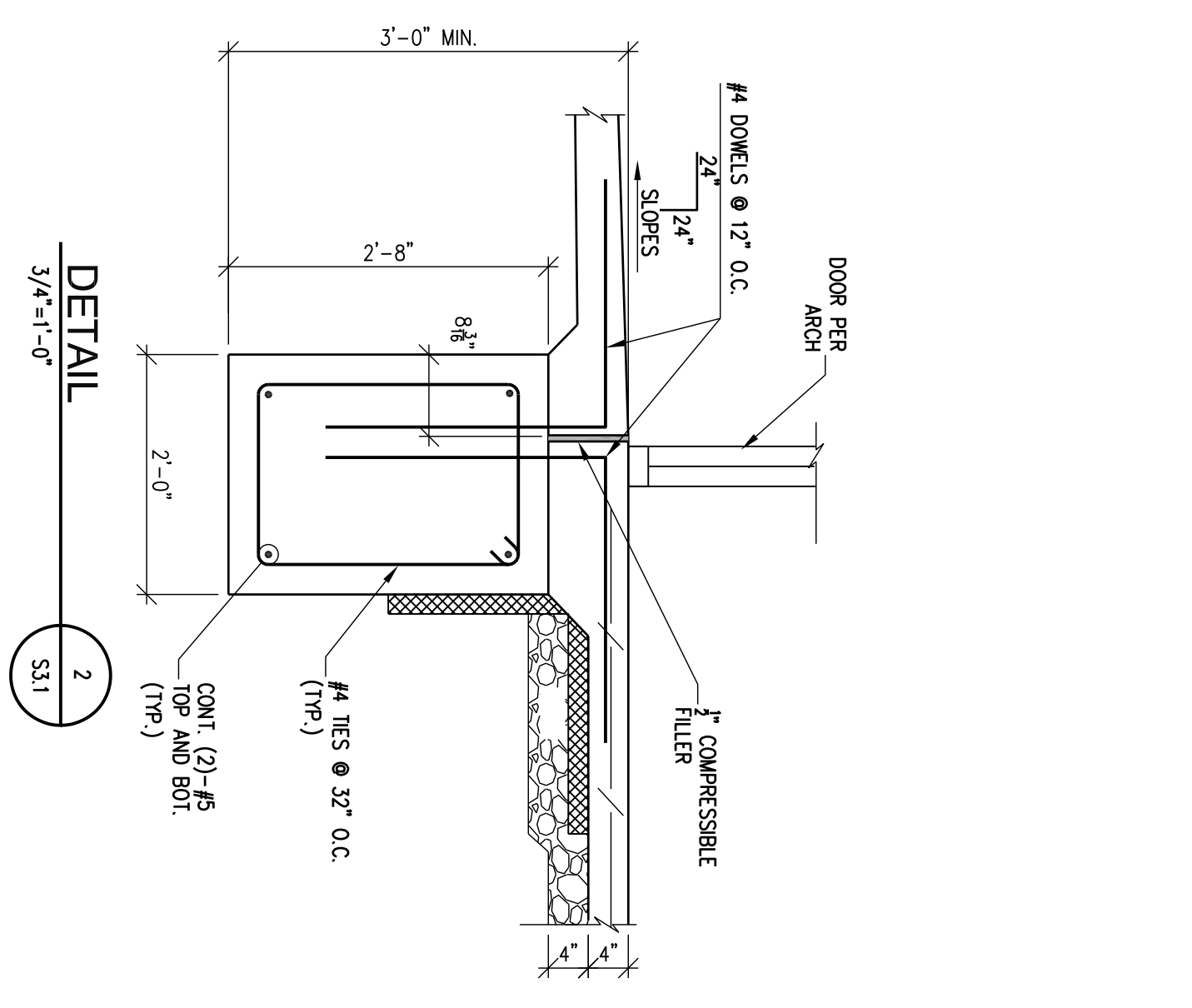
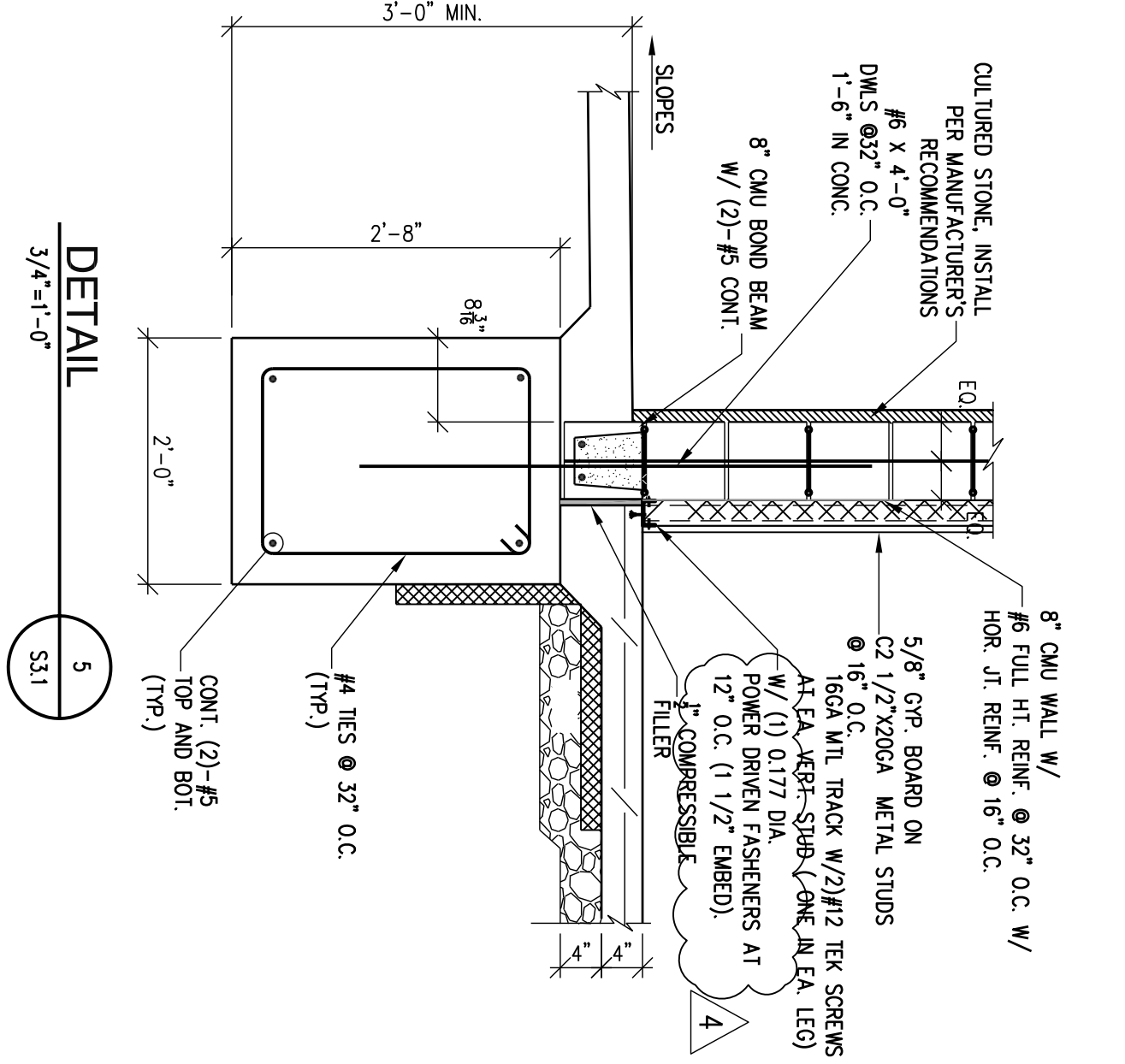
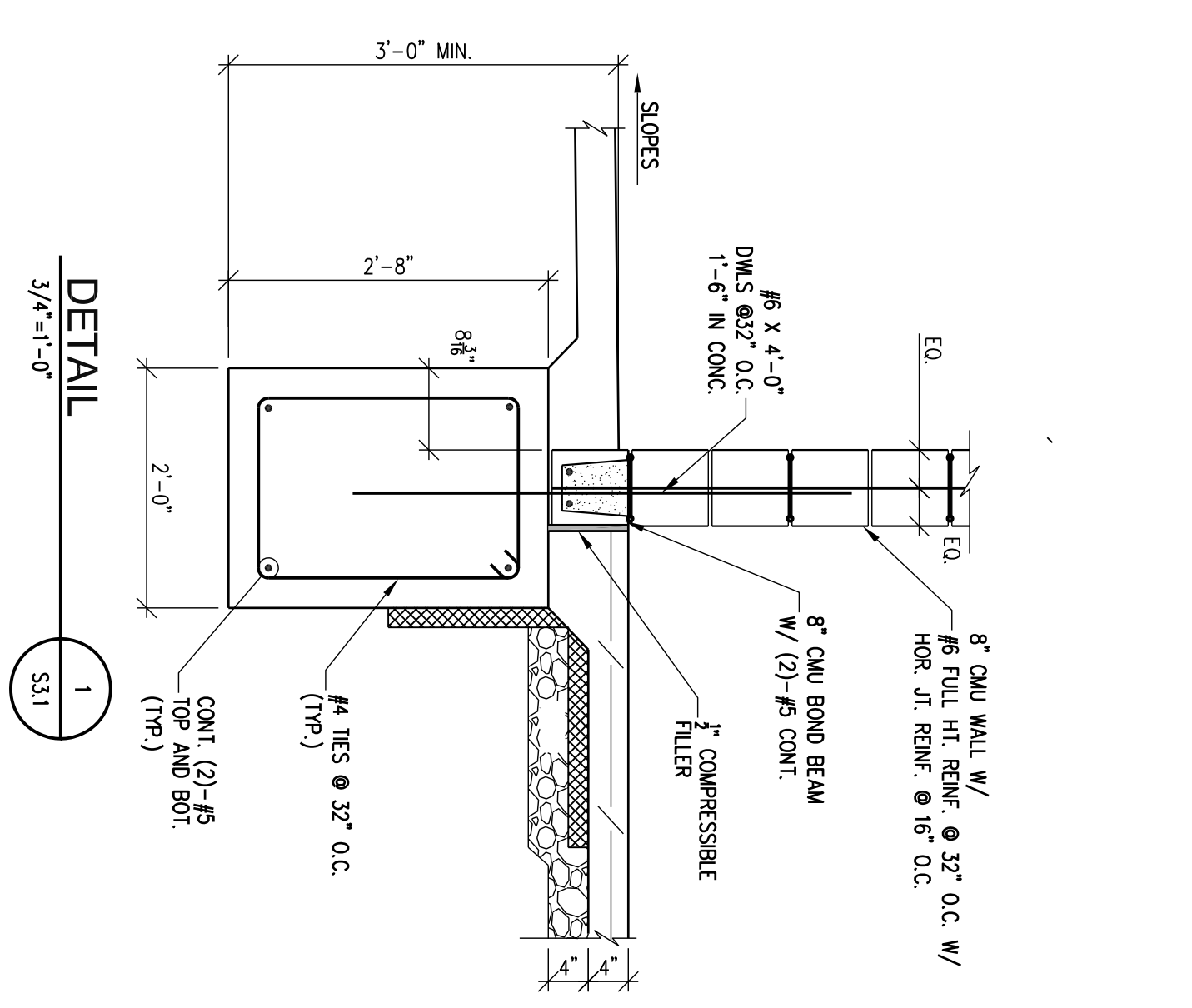
Revisions
 Sheet Title: FOUNDATION PLAN
 Drawn By: DS
 Sheet Number: S2.1
 Date: 3-9-2023
 Project Number: 22032

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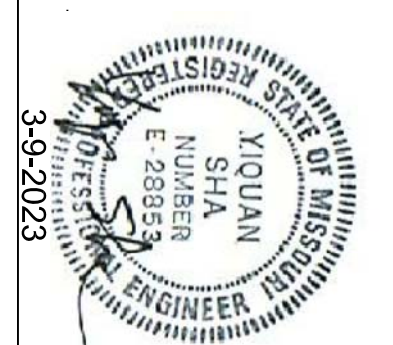
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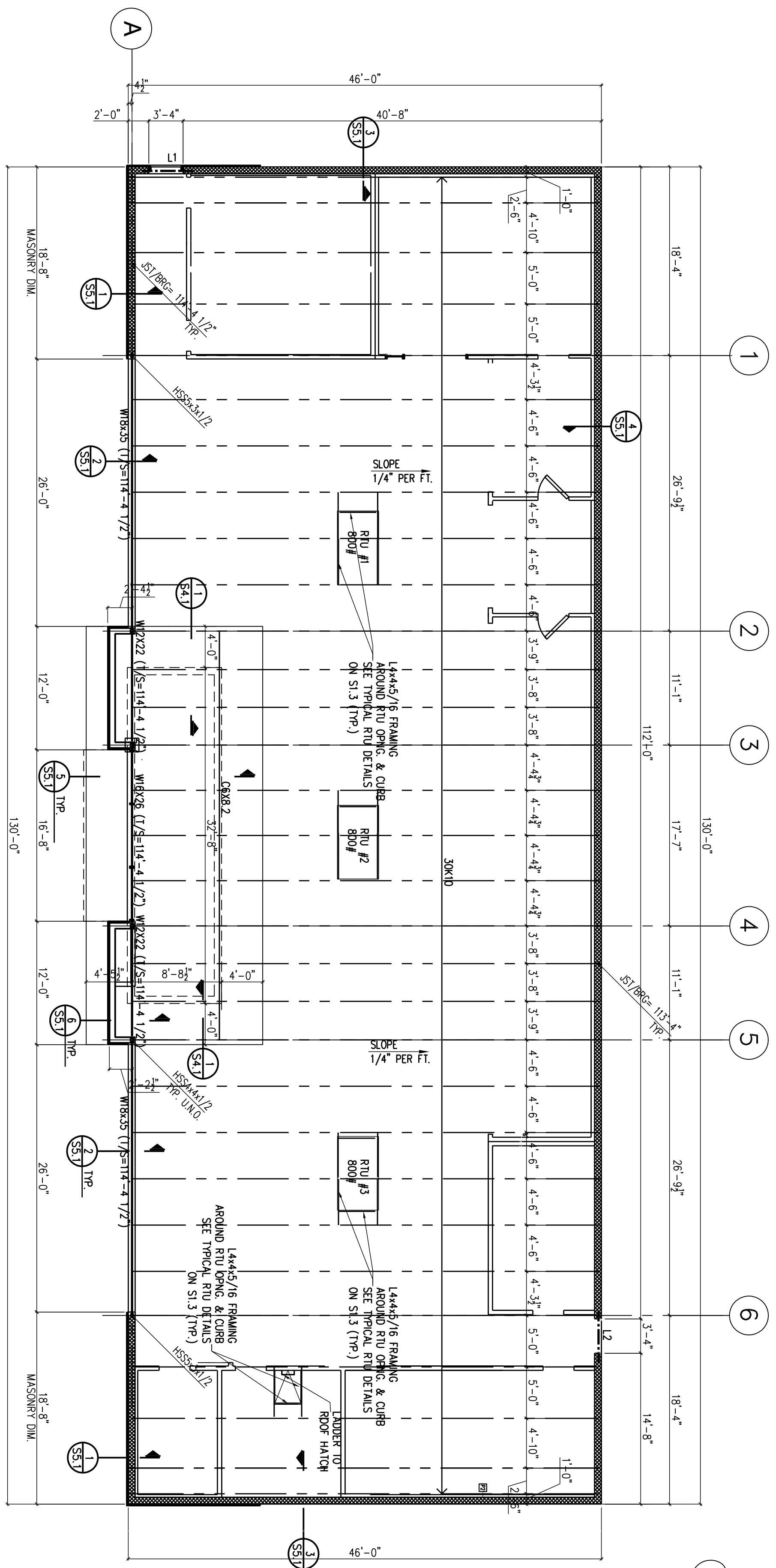
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Sheet Title:
FOUNDATION DETAILS
 Drawn By:
 DS
 Sheet Number
S3.1
 Date: 3-9-2023
 Project Number: 22092

Revisions
 5-1-24 REVISION #4

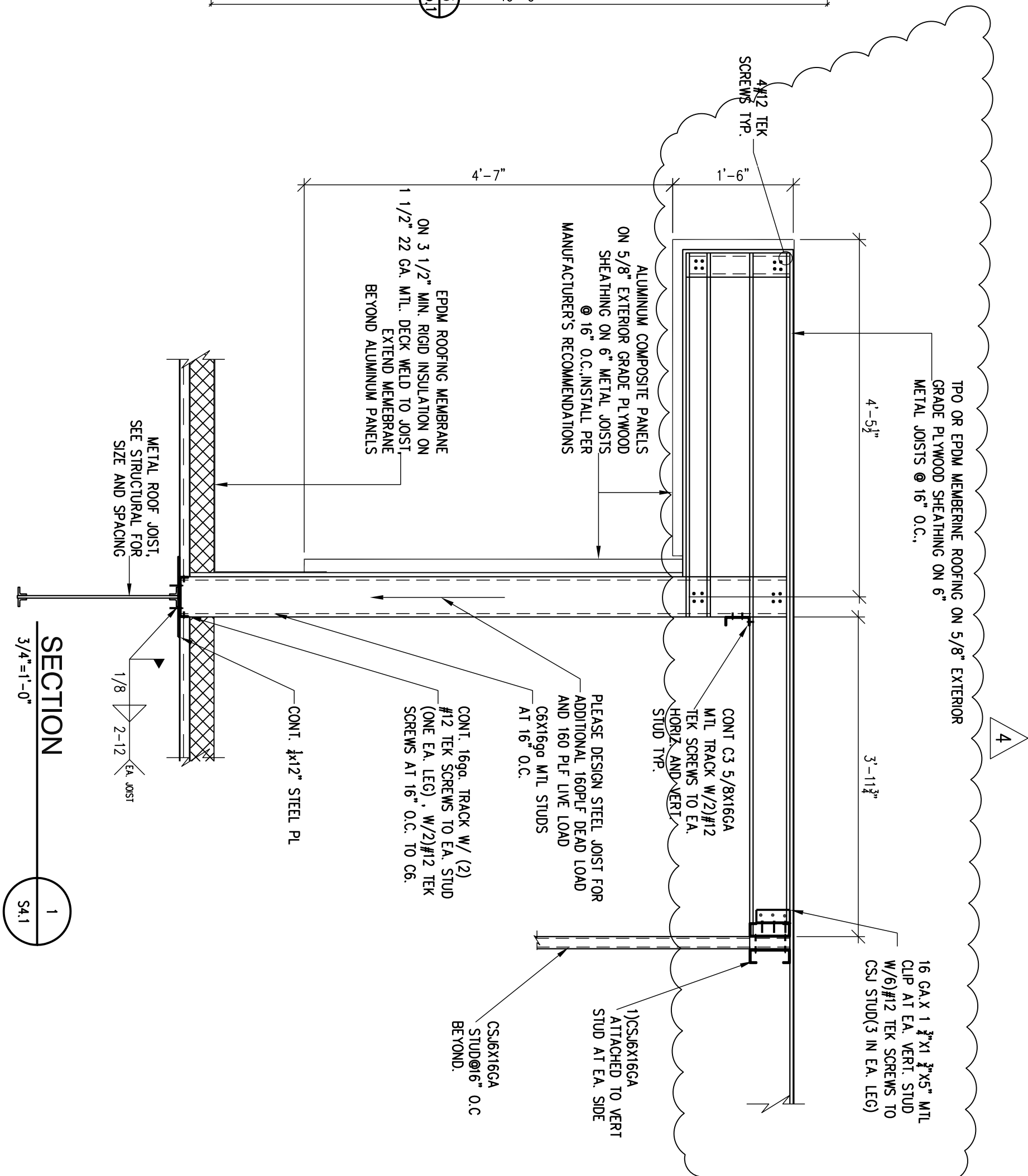


ROOF FRAMING PLAN

1/8"=1'-0"

LINTEL SCHEDULE		
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	

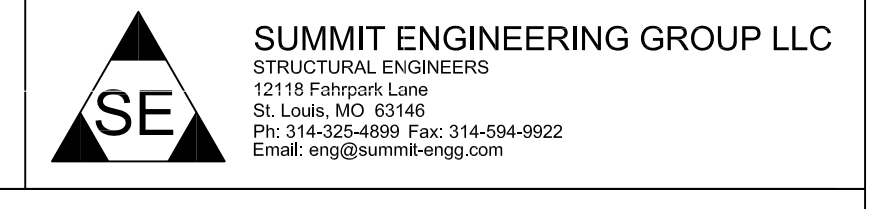
- ROOF CONSTRUCTION: 1 1/2" Z22 OR WIDE RIB PAINTED METAL ROOF DECK. FASTEN TO SUPPORTING STEEL WITH 5/8" PIDDLE WELDS IN A 36/7 PATTERN WITH (4)-#10 TEK SCREW SIDE LAP CONNECTIONS BETWEEN EACH SUPPORT UNLESS OTHERWISE NOTED. PROVIDE 5/8" PIDDLE WELDS @ 6" O.C. @ CONTINUOUS ANGLES, STEEL MEMBERS, JOISTS, ETC. @ DISPERSED BOUNDARY CONDITIONS AND ALONG ALL FINISHED WALLS.
- TOP OF STRUCTURAL STEEL ELEVATION IS REFERENCED FROM FINISHED FLOOR ELEVATION = 100'-0" AND NOTED THUS (T/S = xxx'-x") ON PLAN.
- FOR GENERAL NOTES AND TYPICAL DETAILS SEE DRAWINGS S11 TO S13.
- PROVIDE VERTICAL CONTROL JOISTS IN MASONRY WALLS AT 20'-0" O.C. MAXIMUM UNLESS NOTED OTHERWISE. PROVIDE REINFORCED GROUDED CELL ON BOTH SIDES OF THE CONTROL JOINT. CONTRACTOR SHALL COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- THE CONCENTRATED LOADS FROM MECHANICAL UNITS AND ROOF SCREWS ARE NOT INCLUDED IN THE SIZE CALCULATIONS FOR THE JOISTS. THE JOIST MANUFACTURER SHALL DESIGN THE JOISTS APPLYING THESE LOADS IN ADDITION TO THE SIZE CALLOUT. GENERAL CONTRACTOR TO COORDINATE THE WEIGHTS AND LOCATIONS OF THE MECHANICAL UNITS WITH THE MECHANICAL CONTRACTOR.
- COORDINATE ROOF OPENINGS AND ANGLE FRAMING LOCATIONS WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR. PROVIDE STEEL ANGLE FRAME UNDER ALL ROOF TOP UNITS AND AROUND ALL ROOF OPENINGS. STRUCTURAL DRAWINGS DO NOT REFLECT ALL ROOF TOP UNITS AND OPENING REQUIREMENTS. SEE MECHANICAL DRAWINGS FOR ALL MECHANICAL INFORMATION.
- PROVIDE STRUT END JOIST AT EACH COLUMN WHERE JOIST OCCUR. SEE TYPICAL DETAIL.
- PROVIDE OSHA REQUIRED TEMPORARY BRACING DETAIL AS APPLICABLE.
- JOIST MANUFACTURER TO DESIGN JOIST FOR THE UPLIFT LOAD INDICATED IN GENERAL NOTES. JOIST BRIDGING TOP AND BOTTOM CHORD AS PER SA RECOMMENDATIONS.



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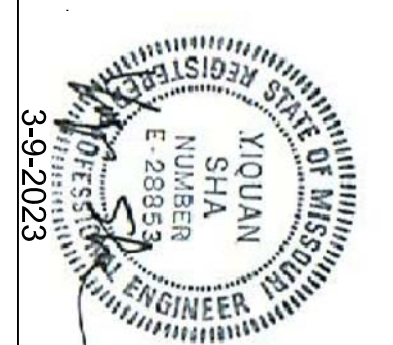
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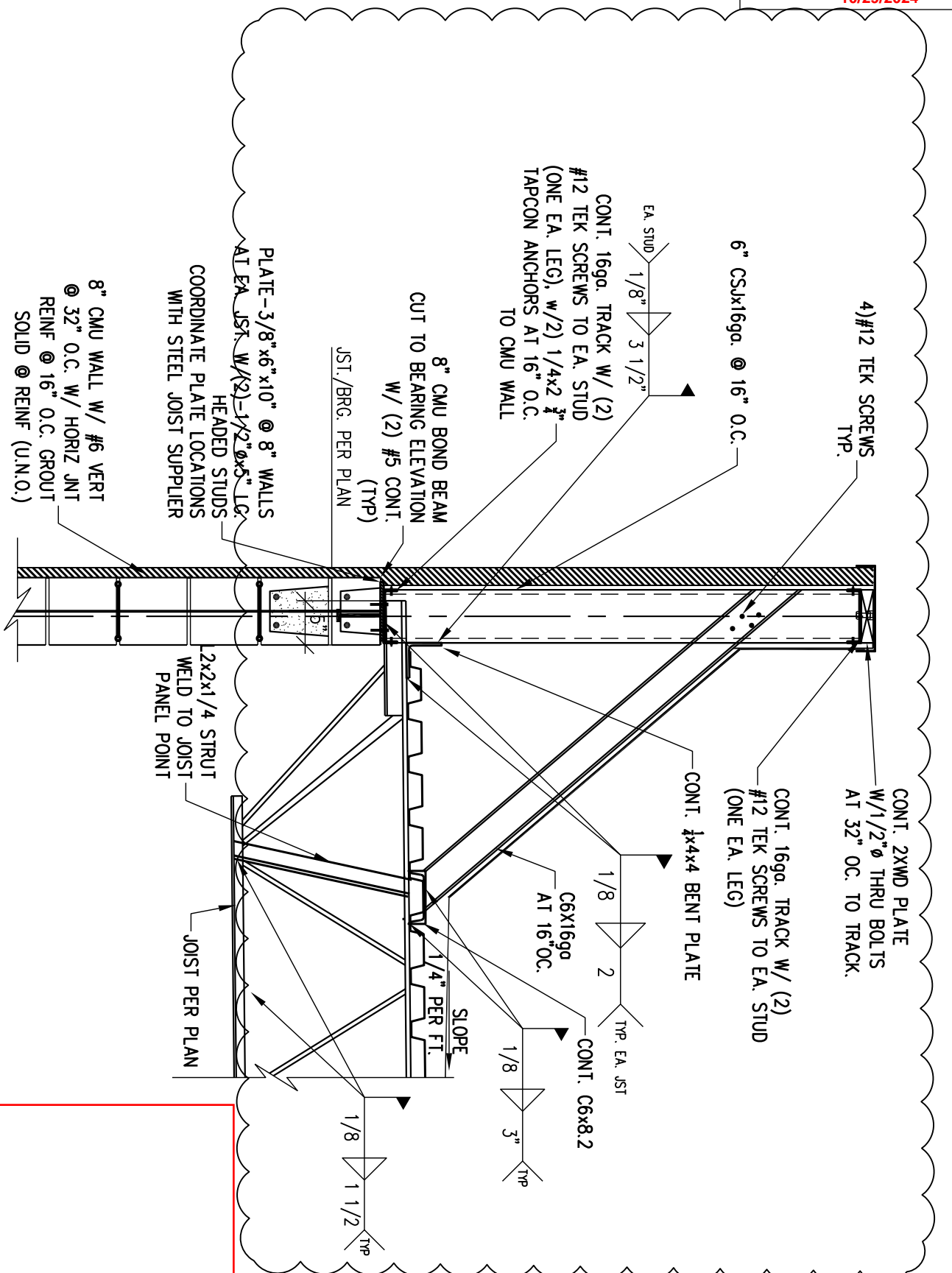
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Drawn By:
DS

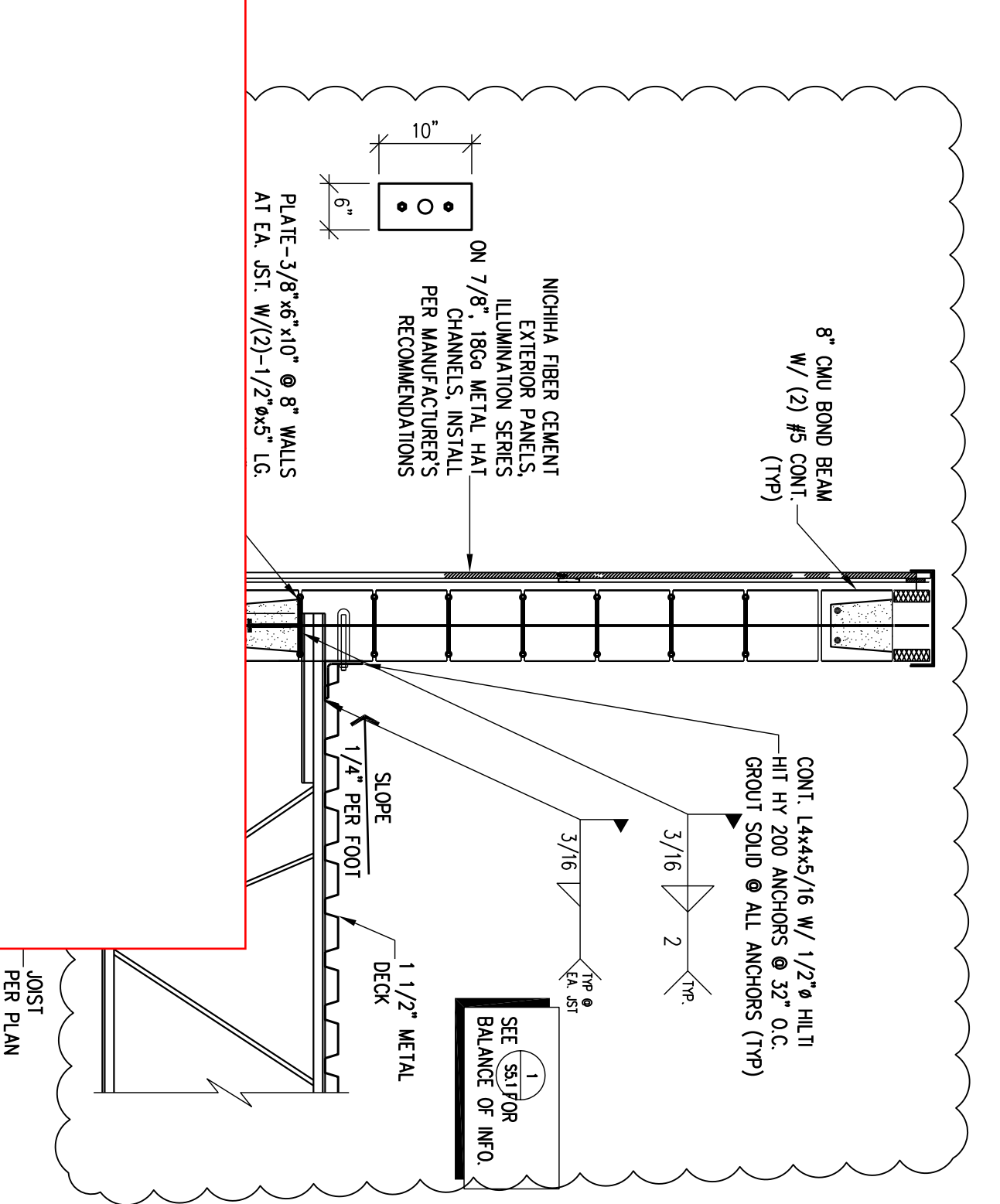
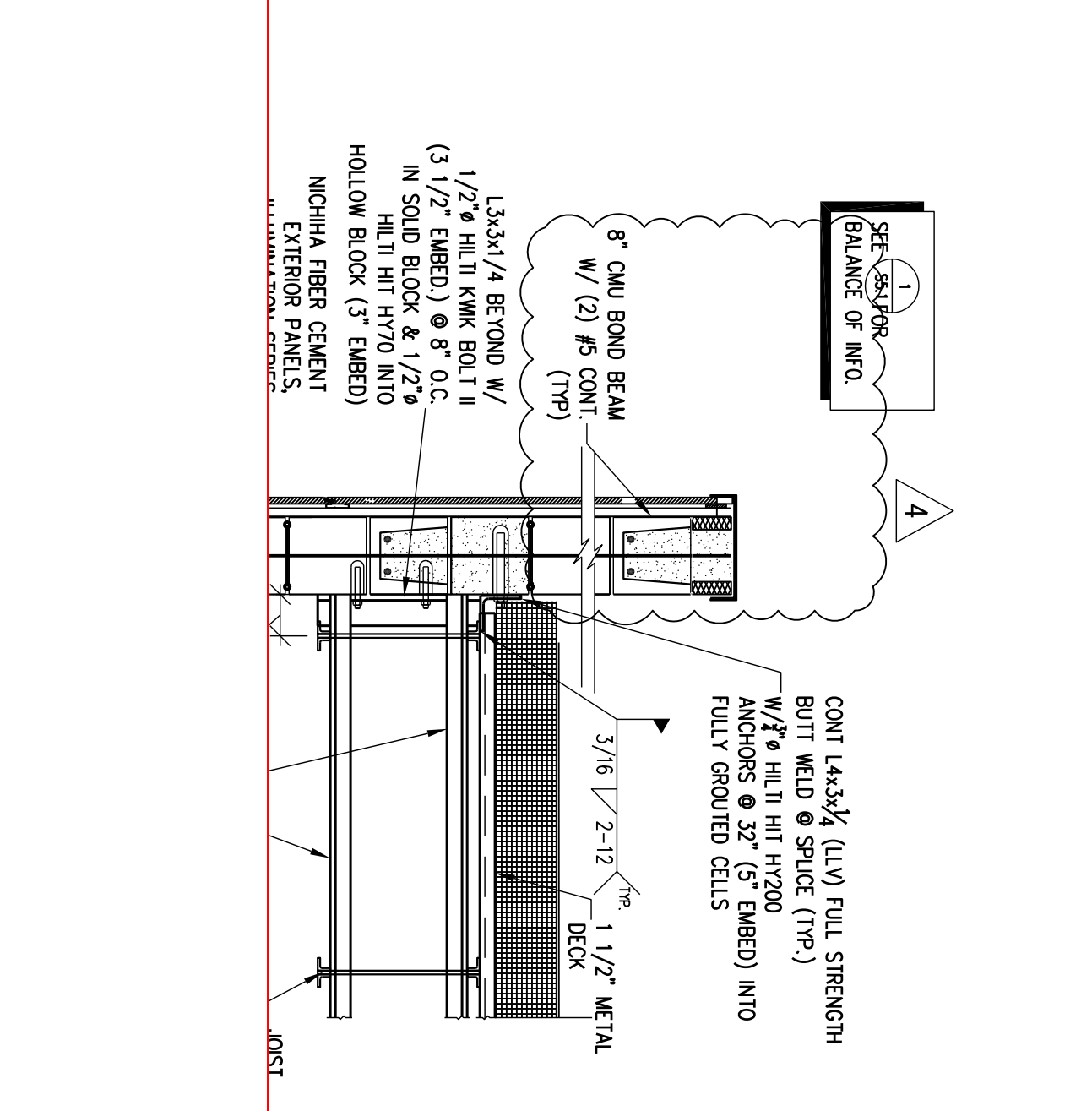
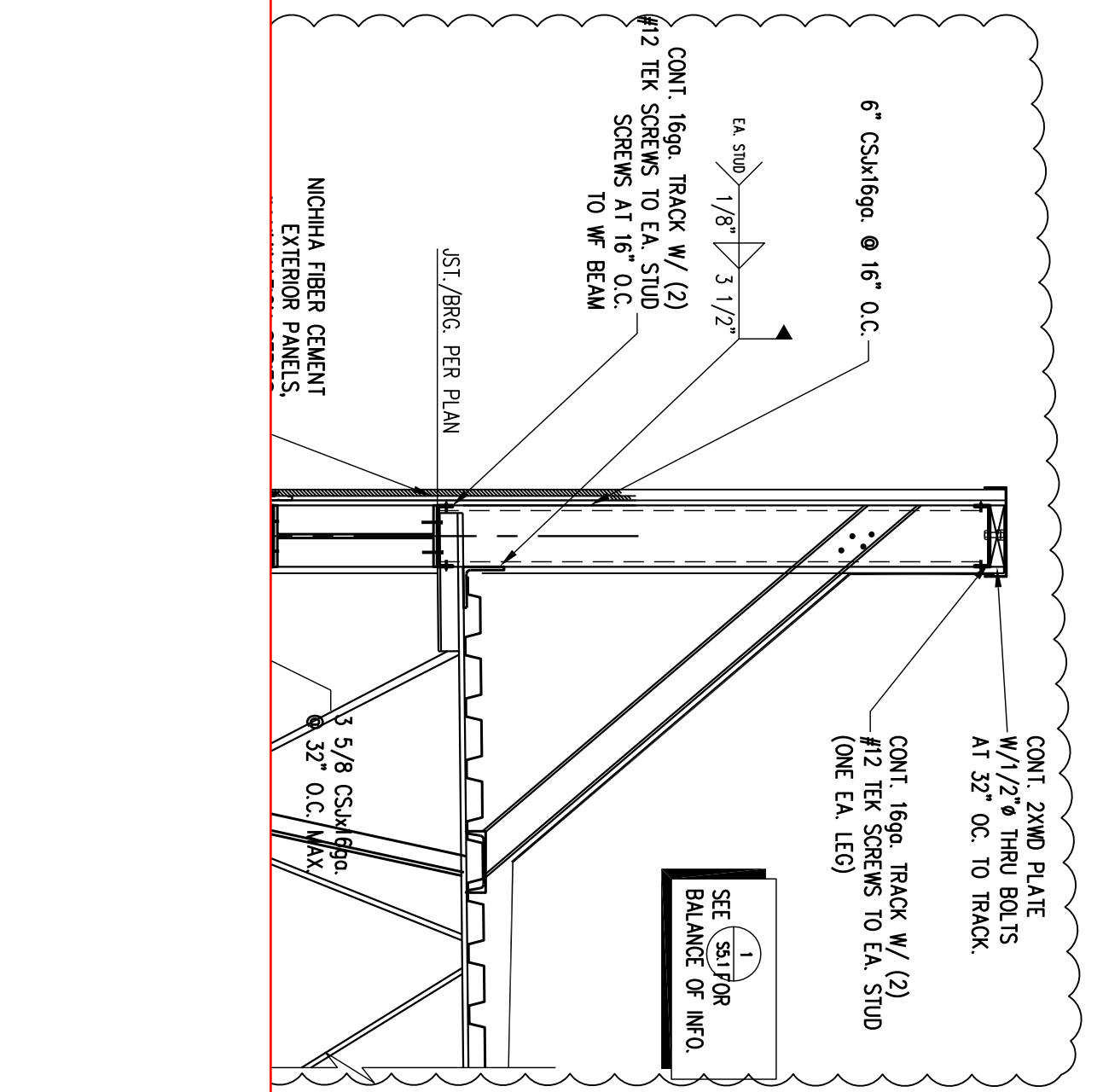
Sheet Number:
S4.1

Date: 3-9-2023
Project Number: 22092

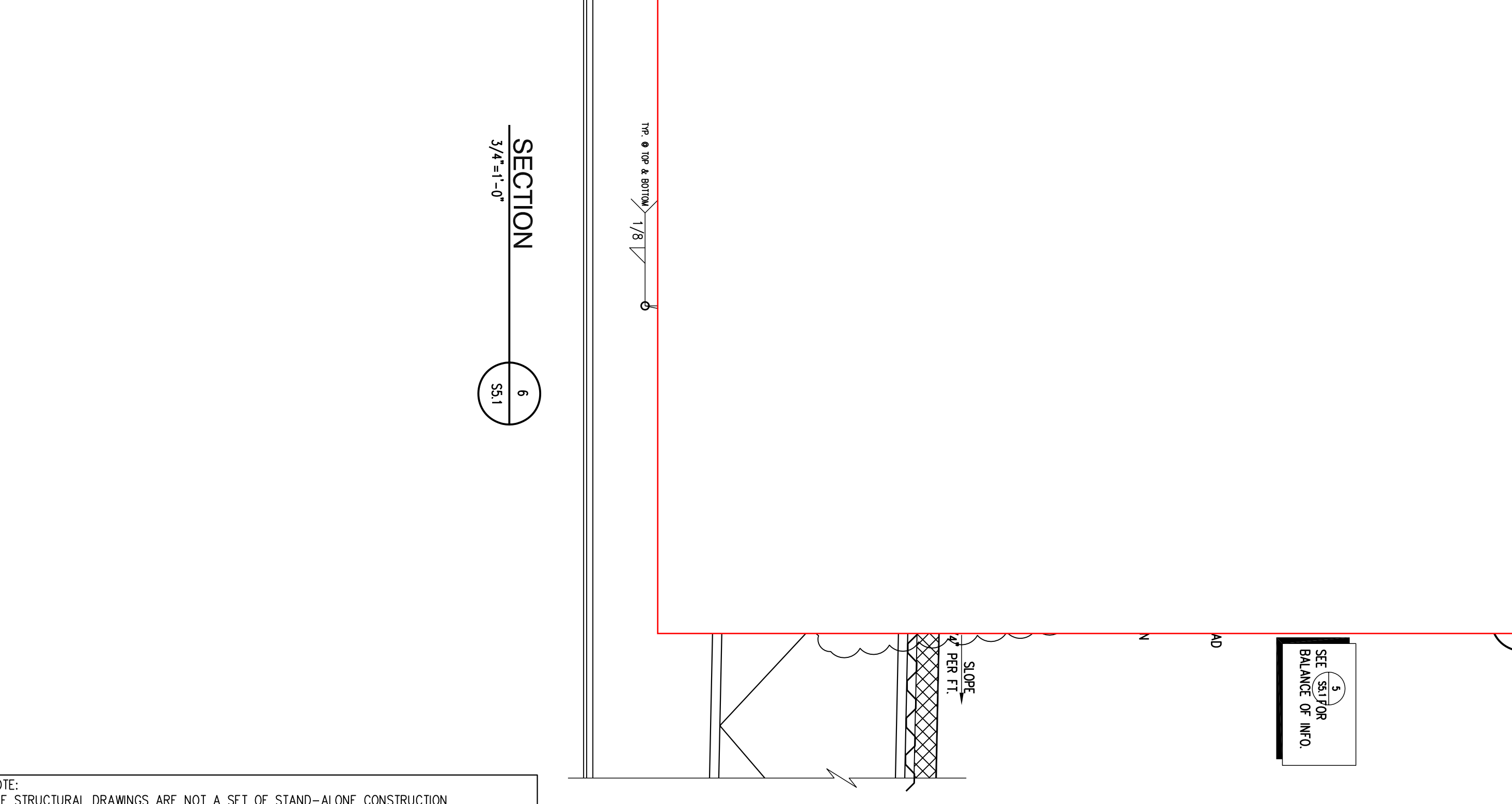
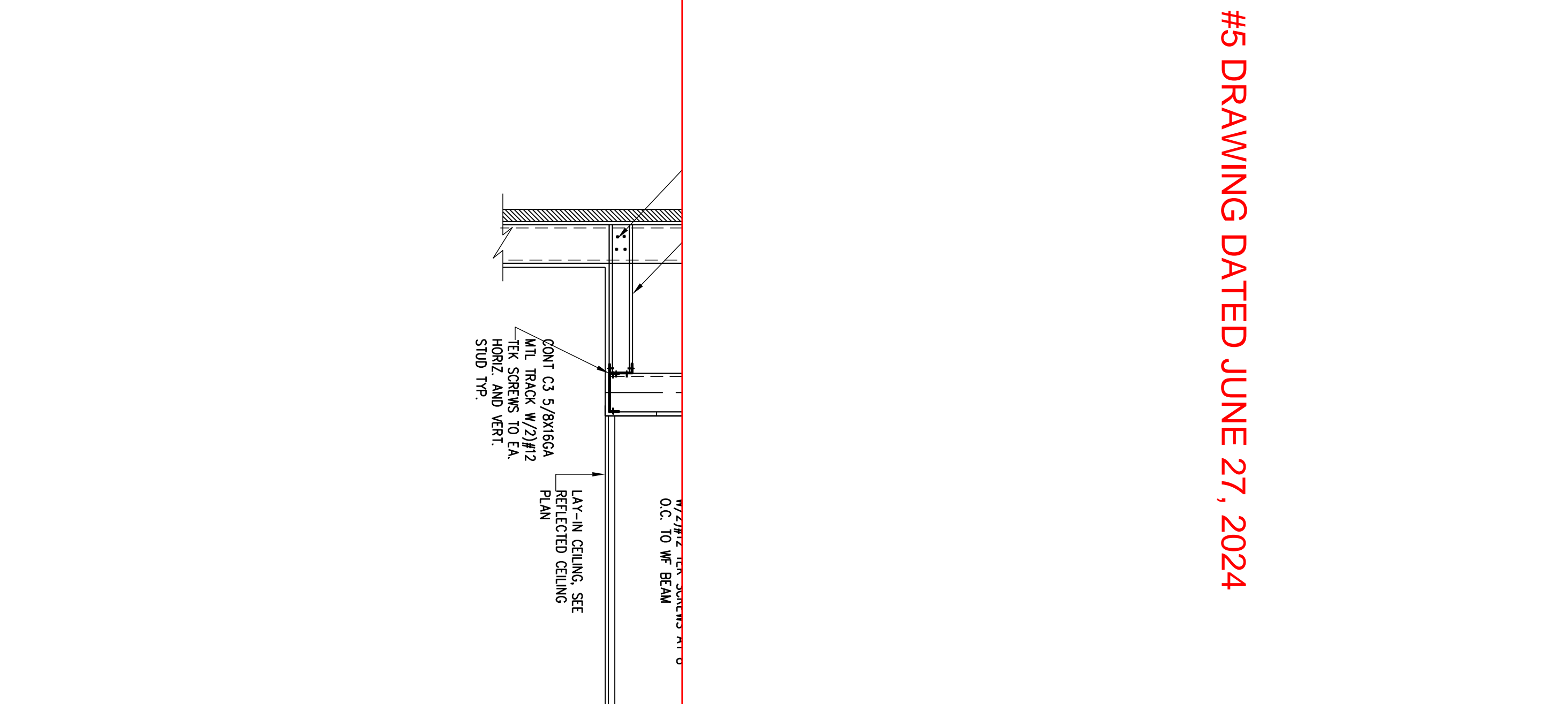
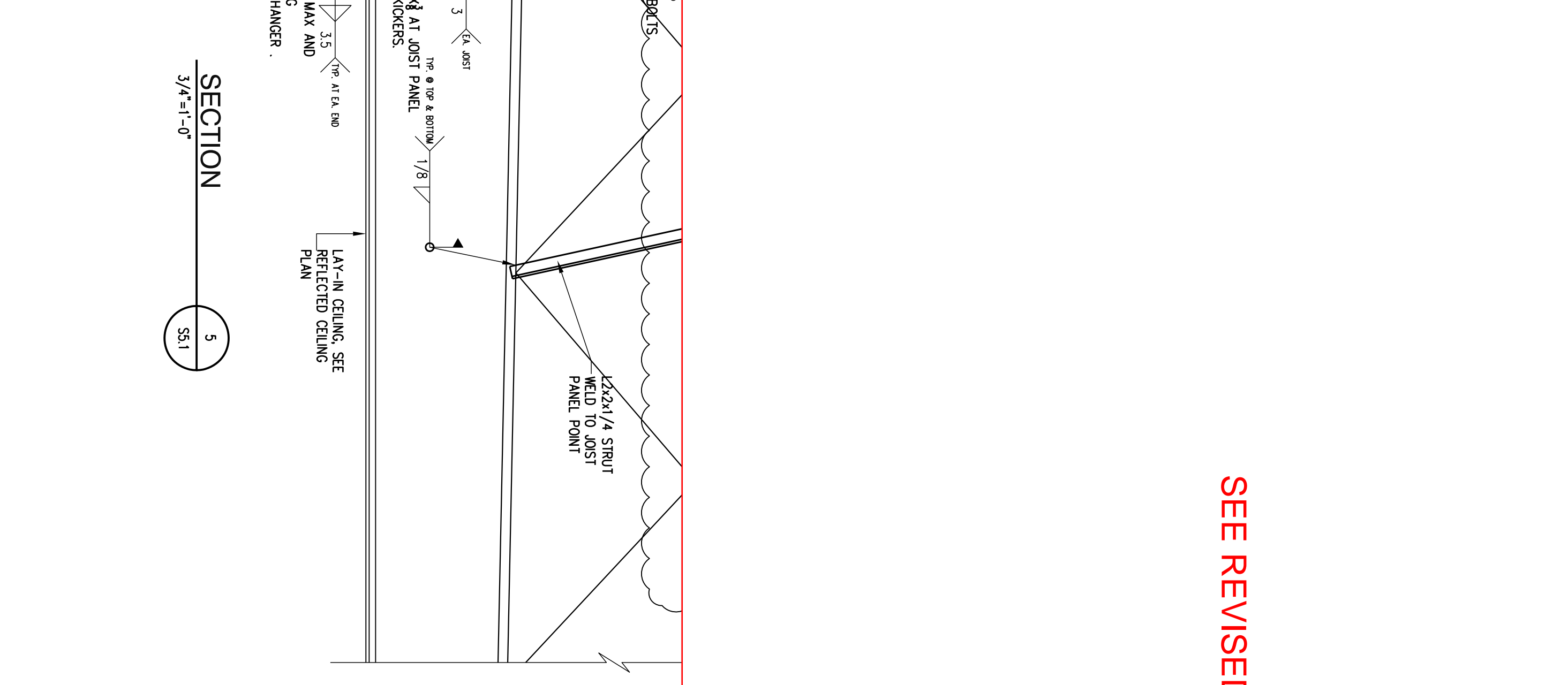
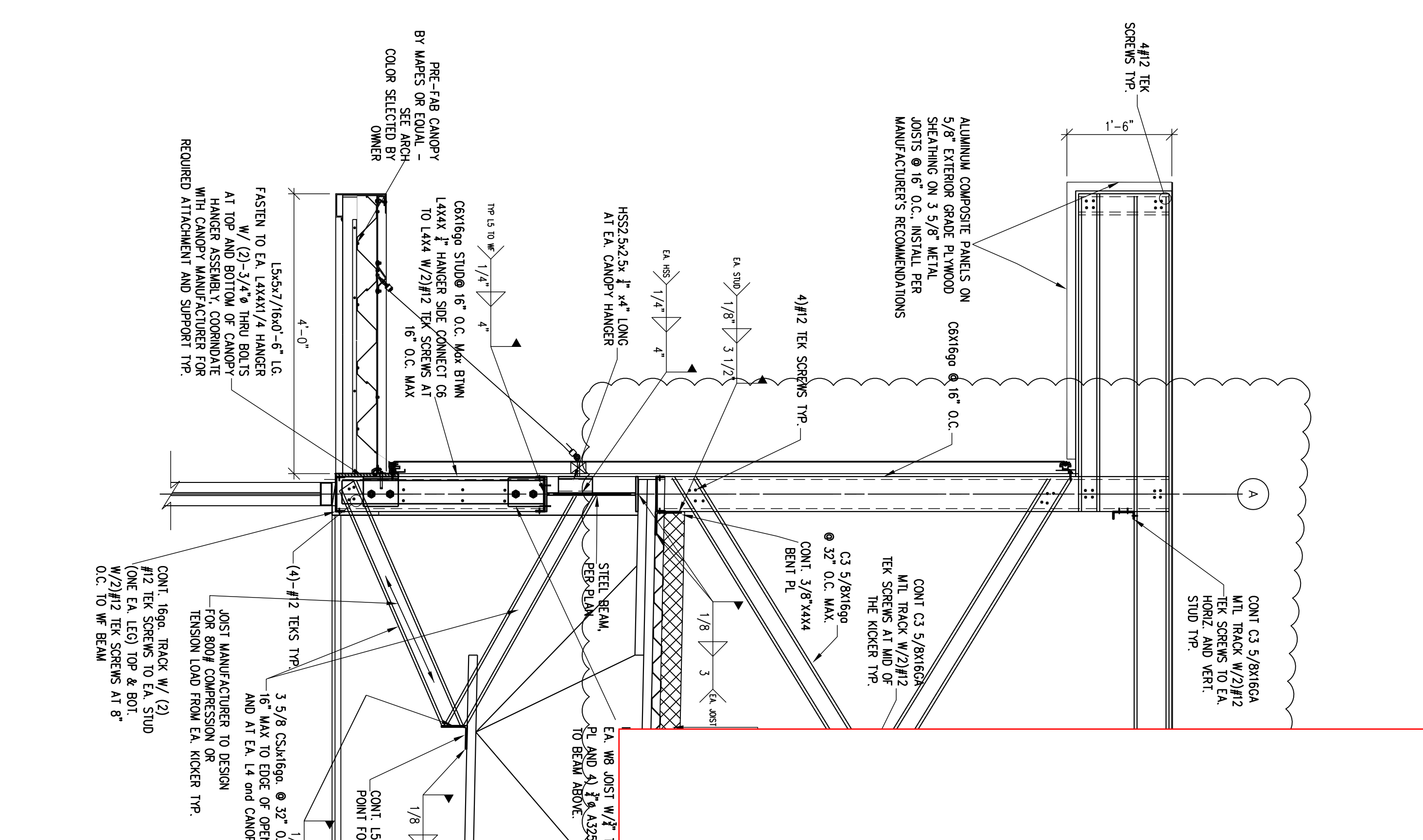
Revisions
5-1-24 **A** REVISION #4



SECTION 1
3/4"=1'-0"



SECTION 4
3/4"=1'-0"



SECTION 8
3/4"=1'-0"

SEE REVISED #5 DRAWING DATED JUNE 27, 2024

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Revisions:
5-1-24 **A** REVISION #4

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ROOF DETAILS

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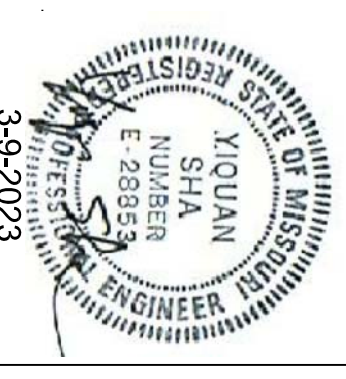
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Project Number: 220032

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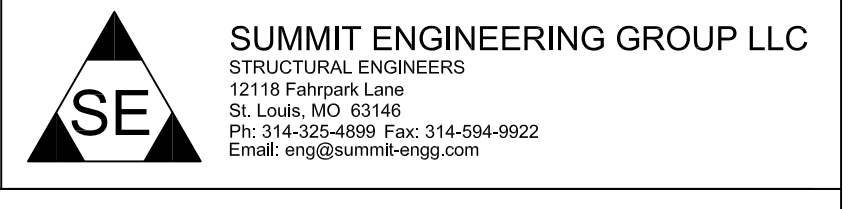
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CONVENIENCE STORE
HAMBLÉN PLAZA

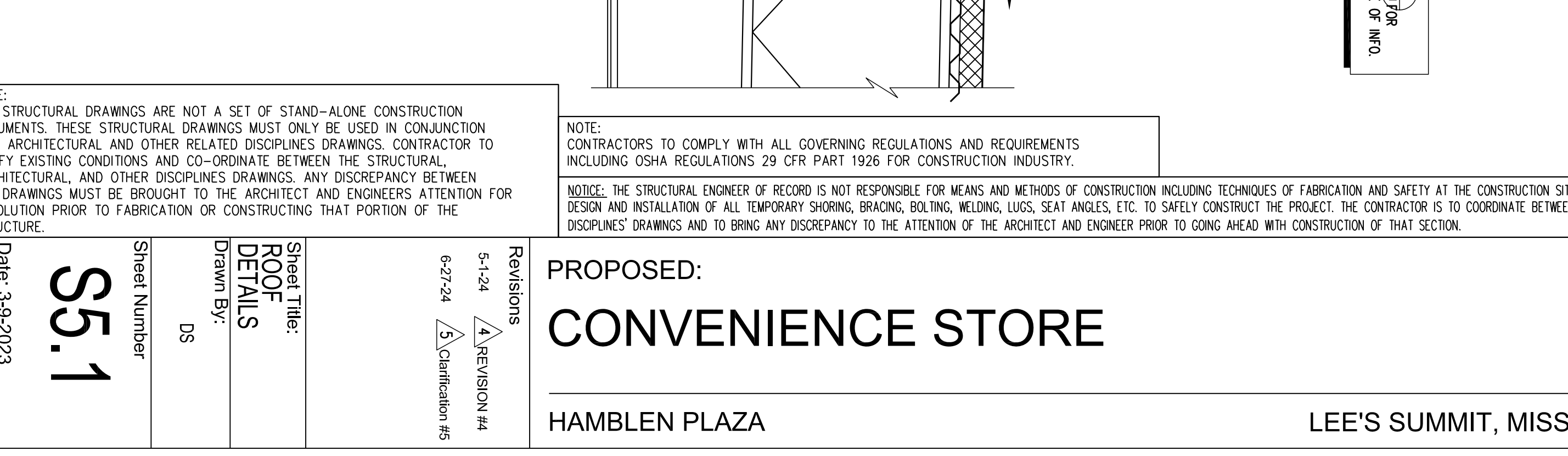
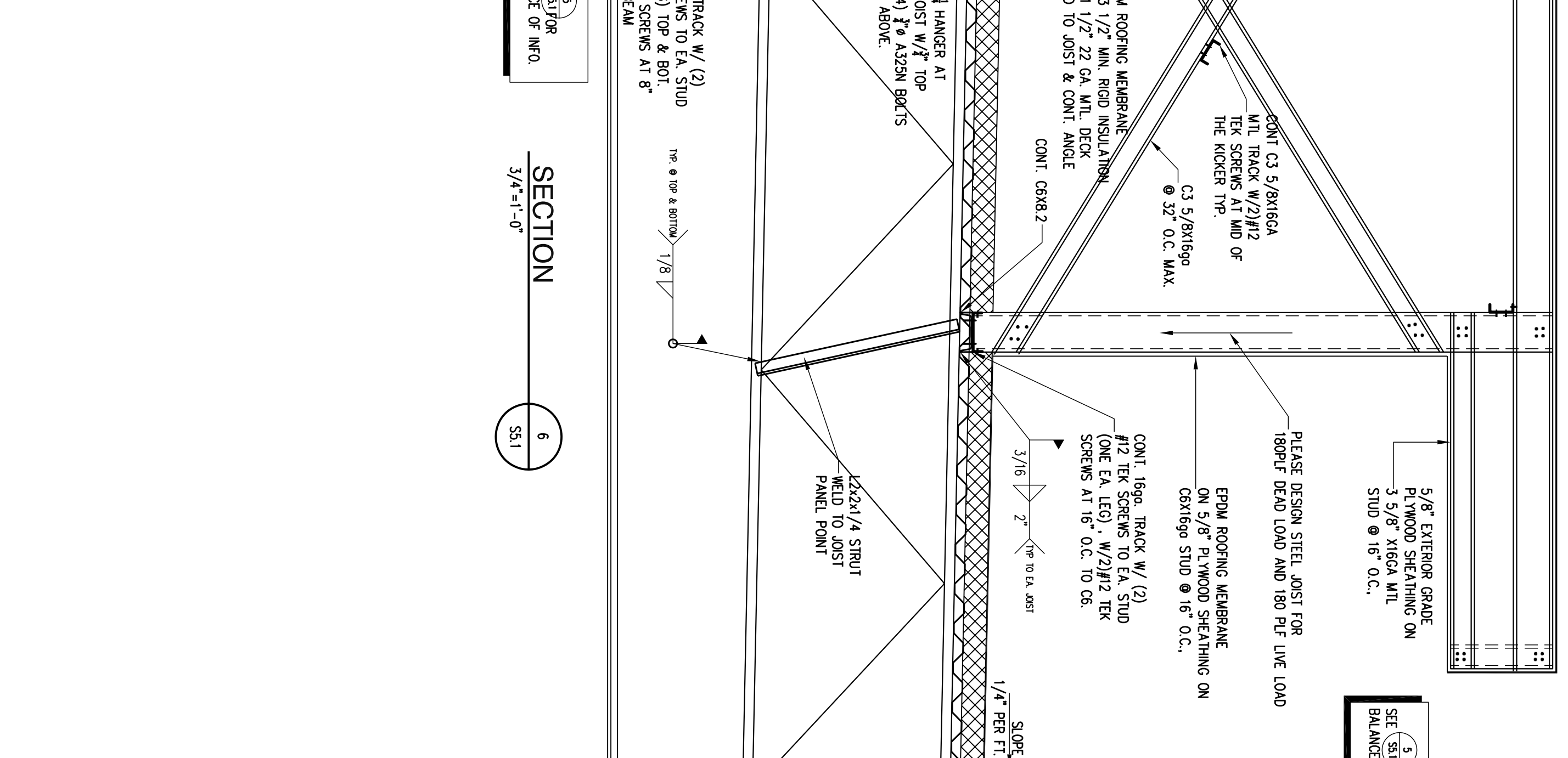
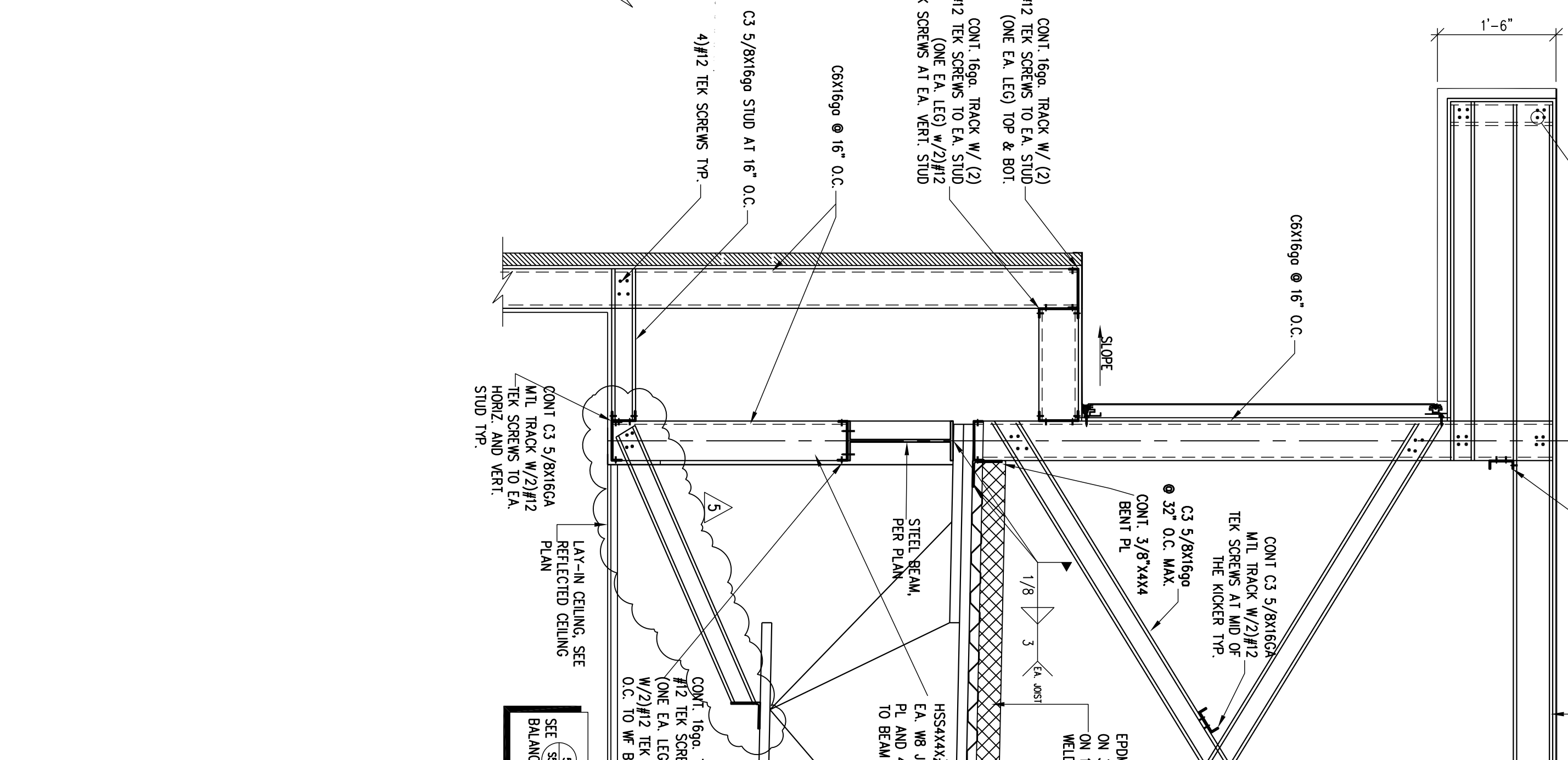
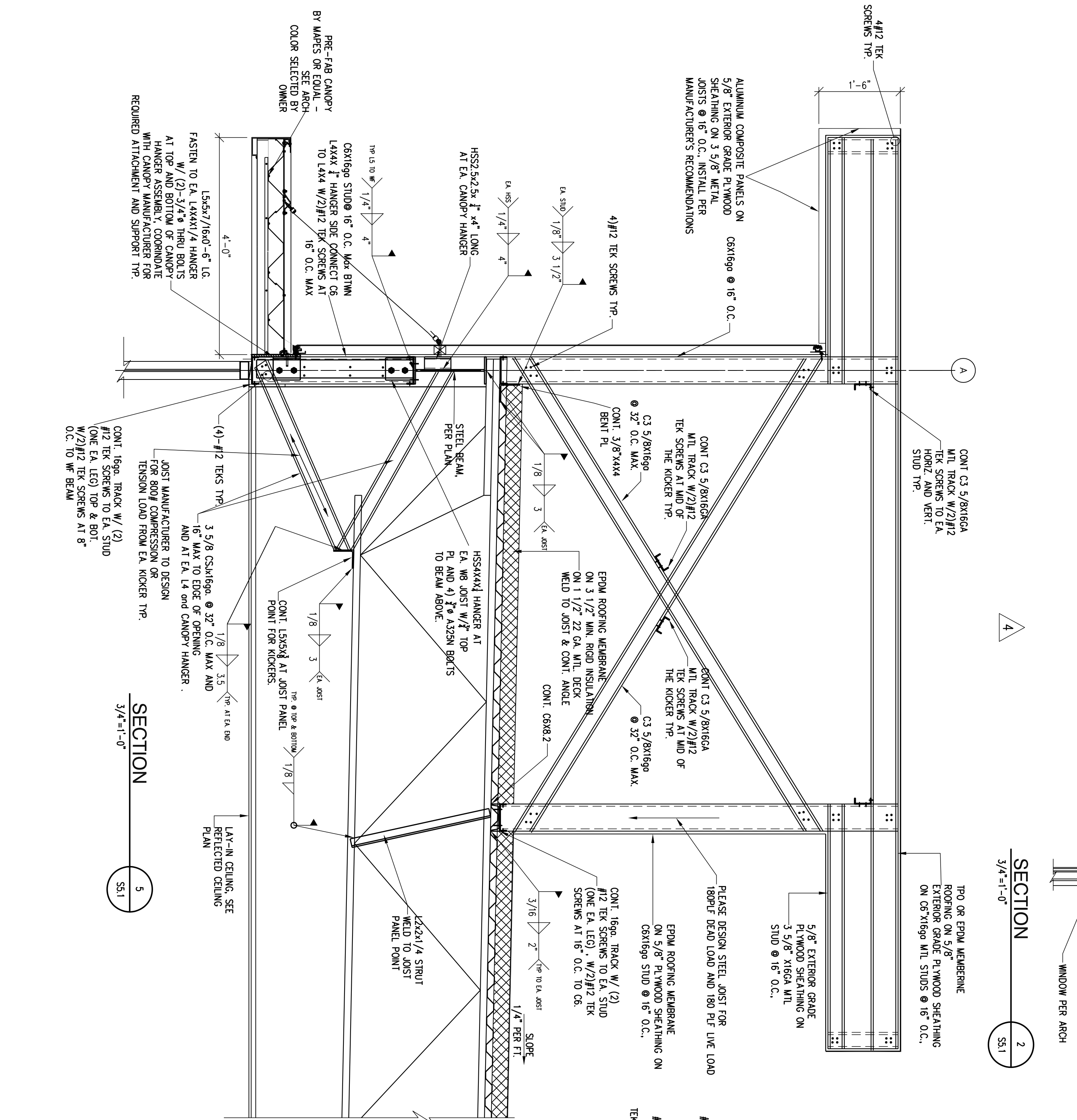
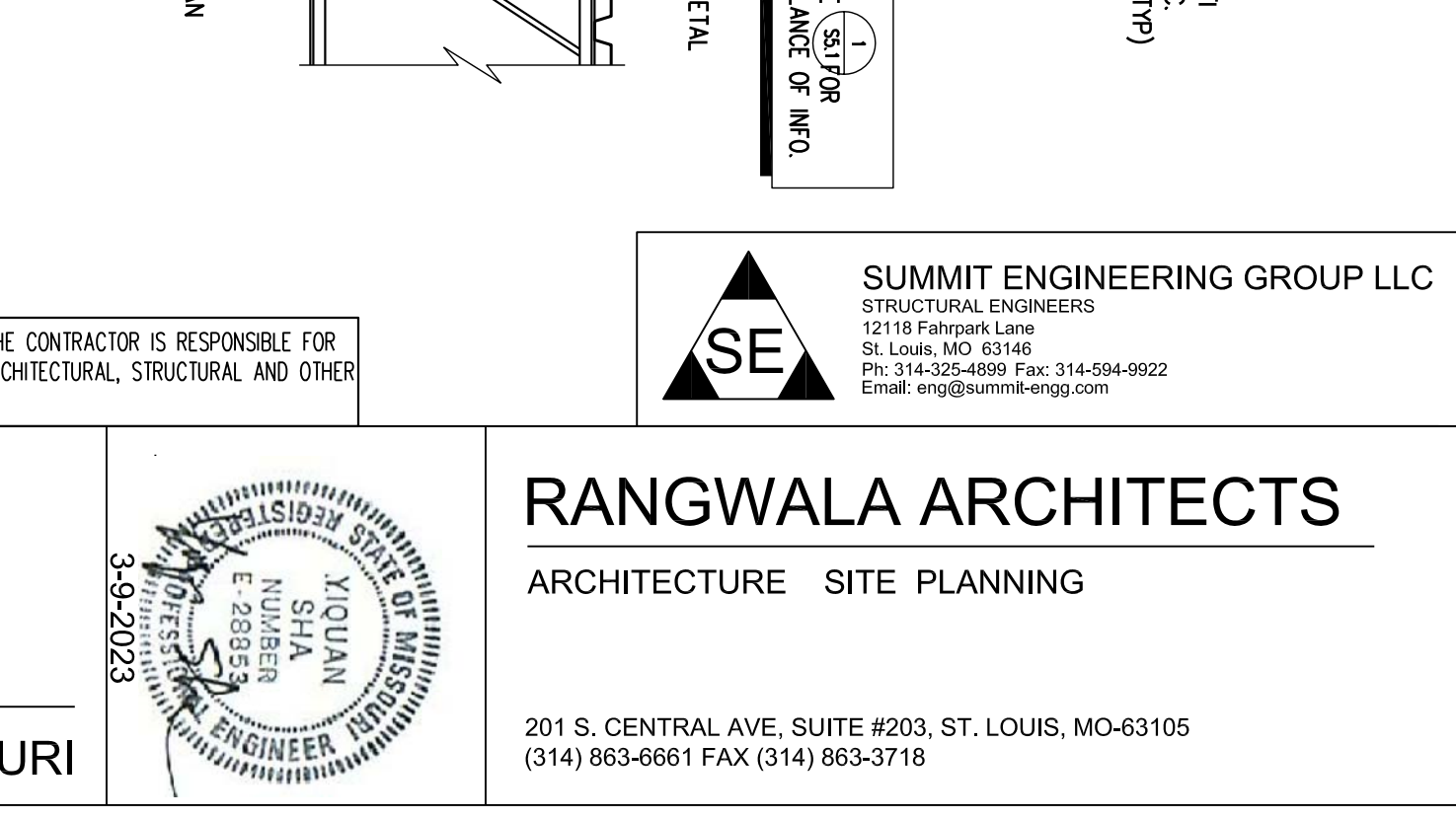
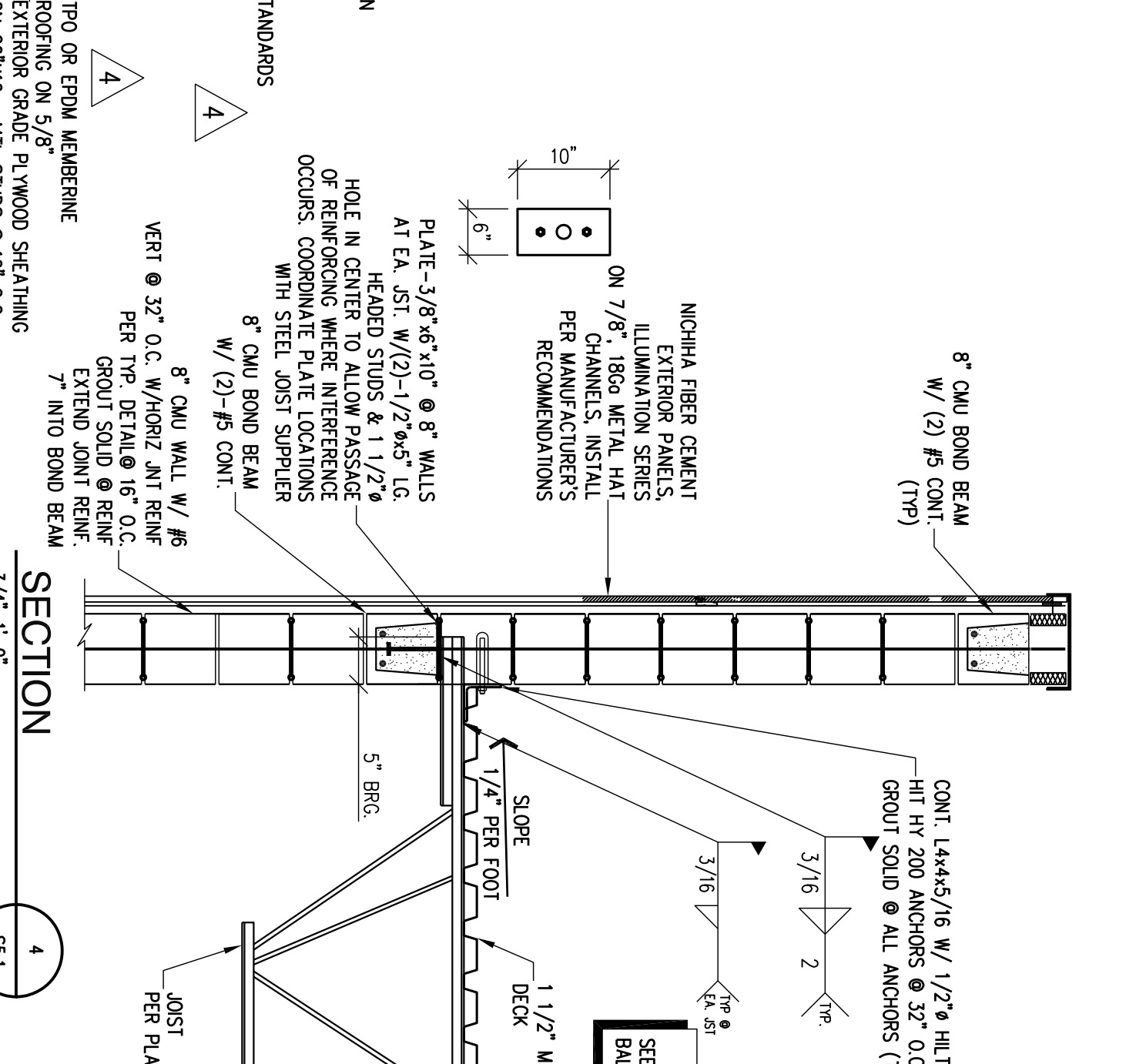
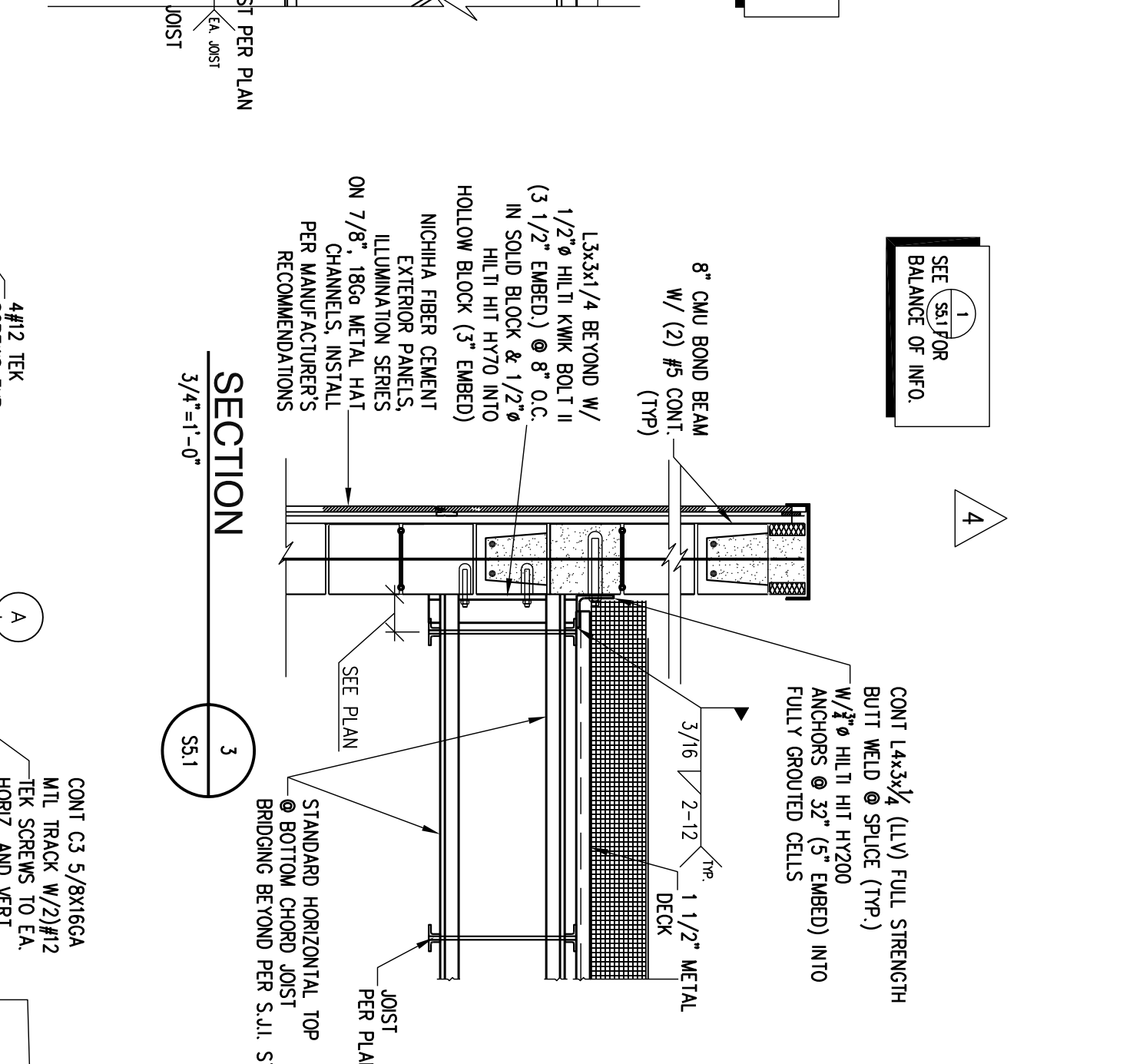
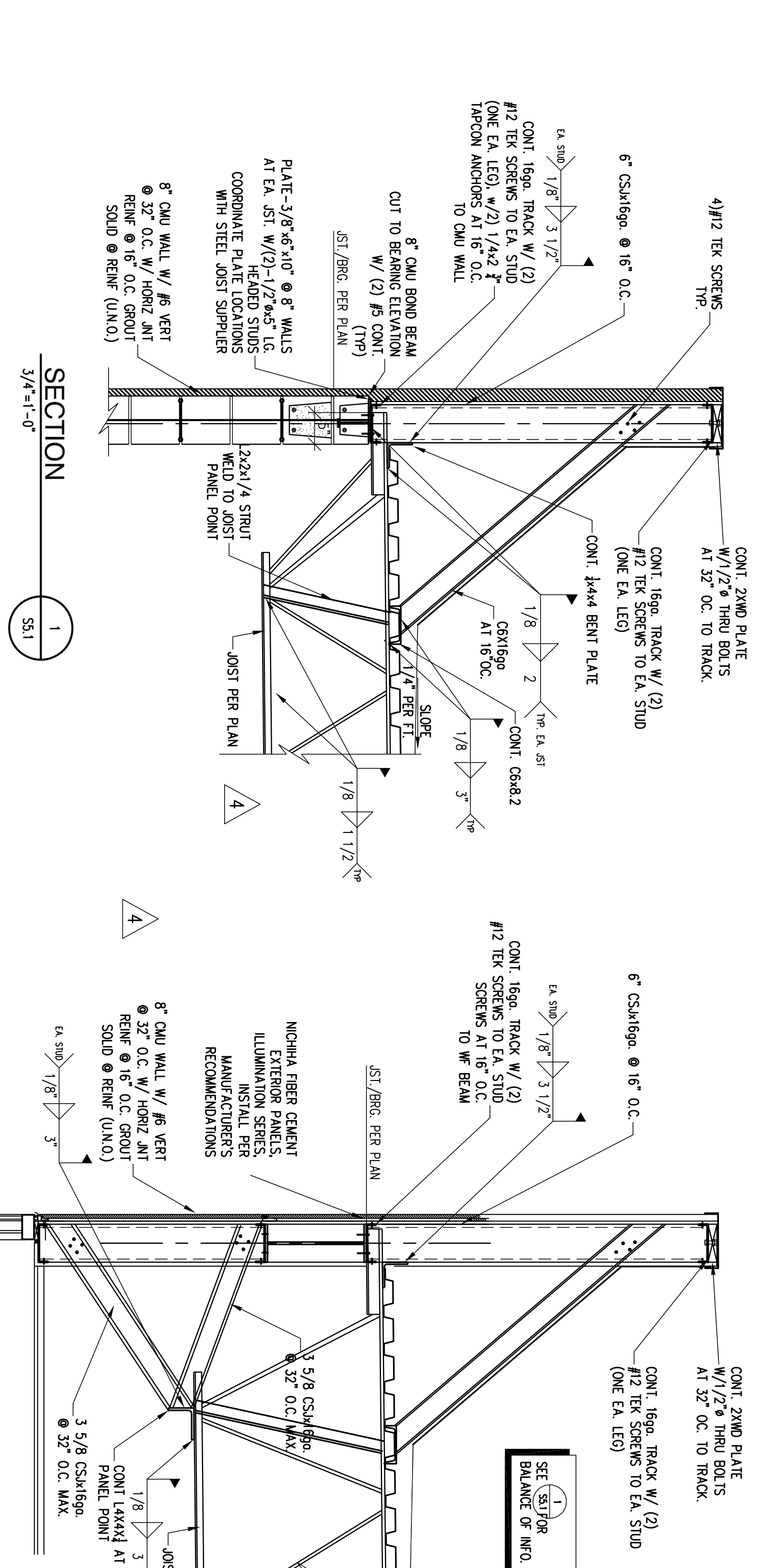
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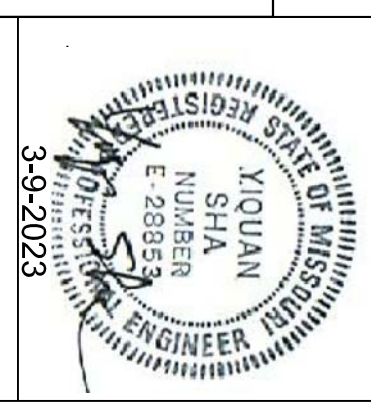
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Sheet Title:
ROOF

Revisions:
5-1-24 **A** REVISION #4
6-27-24 **B** Clarification #5

Sheet Number
S5.1

Date: 3-9-2023
Project Number: 22002