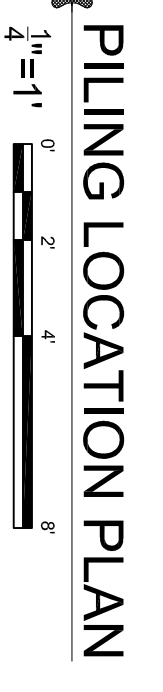
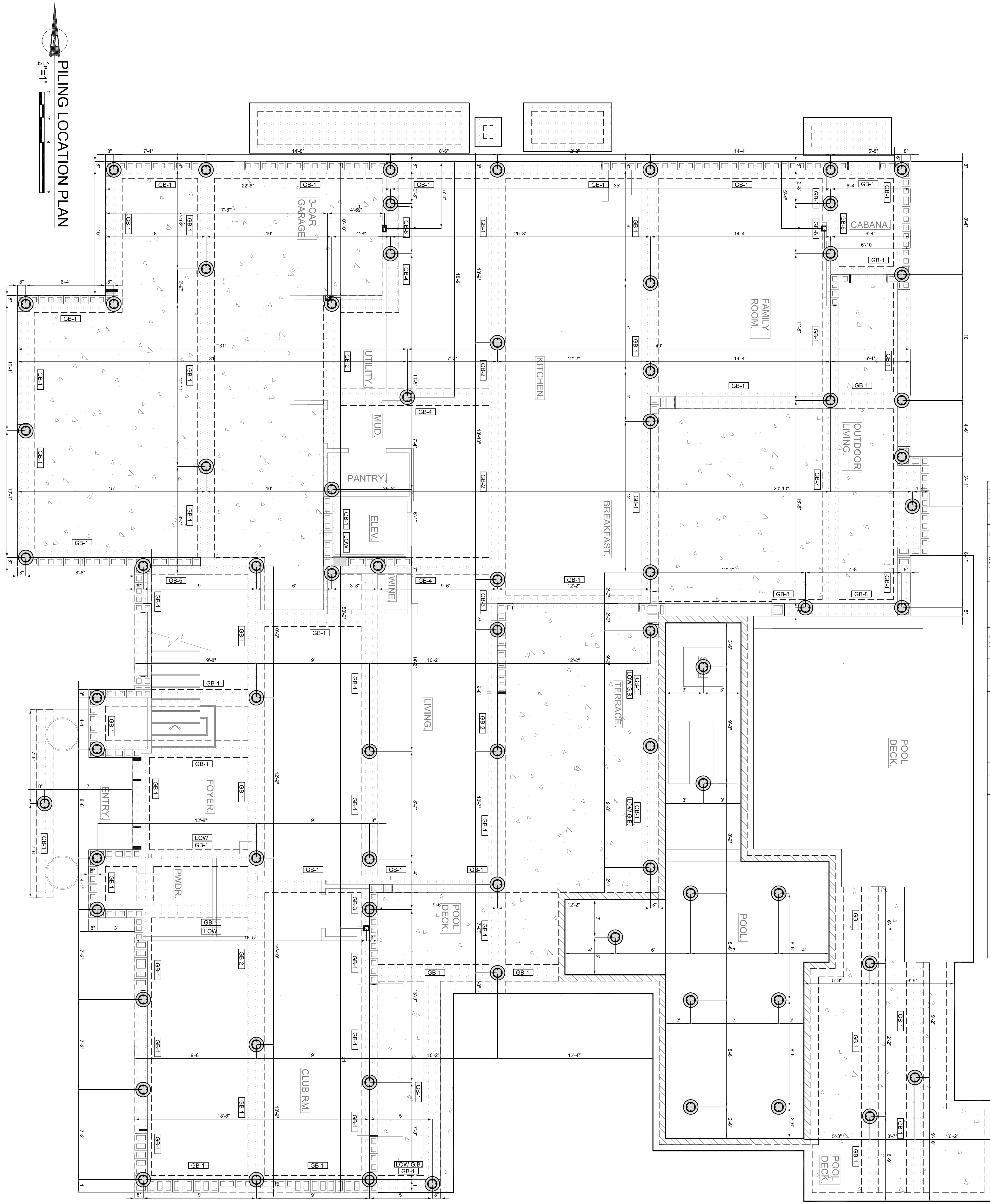


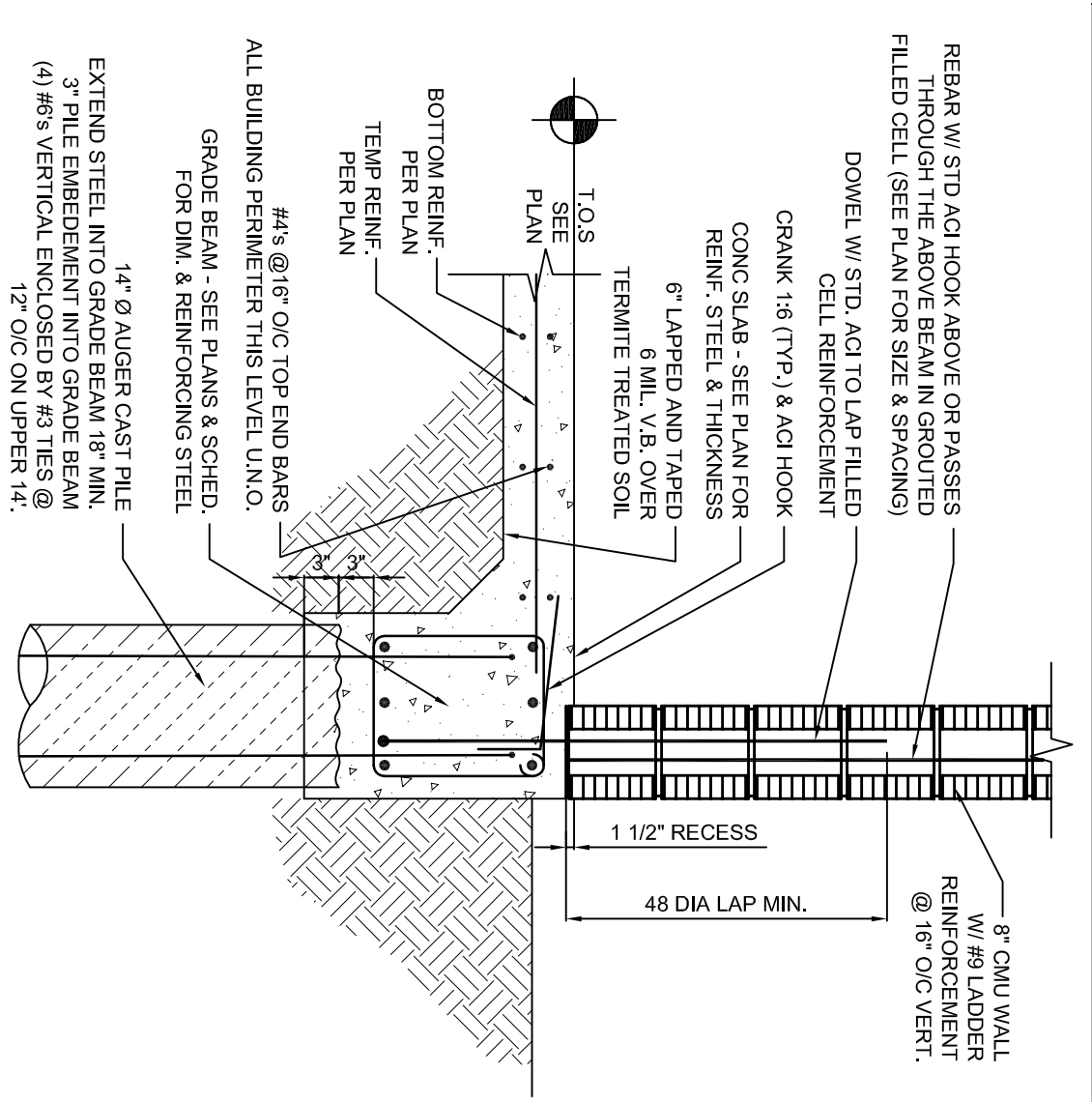
STEM WALL FOOTING SCHEDULE			
CODE	WIDTH	LENGTH	SOIL COVERAGE
CF-24	24"	1'	12"
REINFORCEMENT DIAMETER AND COUNT		SHORT WAY	LONG WAY
		#4 @ 24" O.C. BOTTOM	(2) #5 @ BOTTOM
ADDITIONAL REQUIREMENTS			

GRADE BEAM SCHEDULE							
CODE	WIDTH	DEPTH	TOP REINFORCEMENT	MIDDLE REINFORCEMENT	BOTTOM REINFORCEMENT	SIZE	STIRRUPS
GB-1	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-2	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-3	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-4	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-5	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-6	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-7	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-8	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.
GB-9	16"	24"	3 #7	3 #7	3 #7	3	3 #7 @ 10" O.C. E.E.

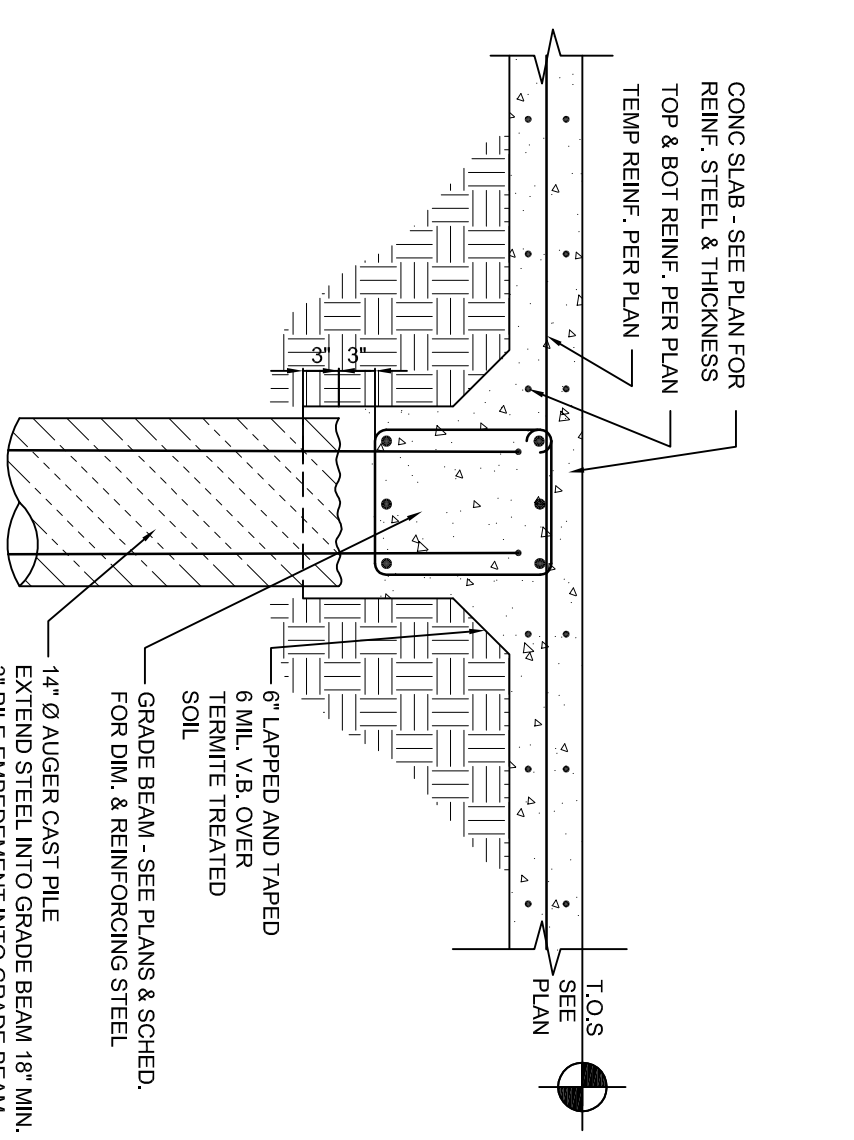
NOTE: LOWER REBAR CAGE 1/2" ON GRADE BEAMS UNDER EXTERIOR WALLS TO ALLOW FOR CONCRETE CURING. (SEE GRADE BEAM CONCRETE COVER DETAIL PROVIDED).
E.E. = FABRICATED STIRRUPS SHOULD BE PLACED ON EACH END OF EACH INTERMEDIATE SUPPORT.



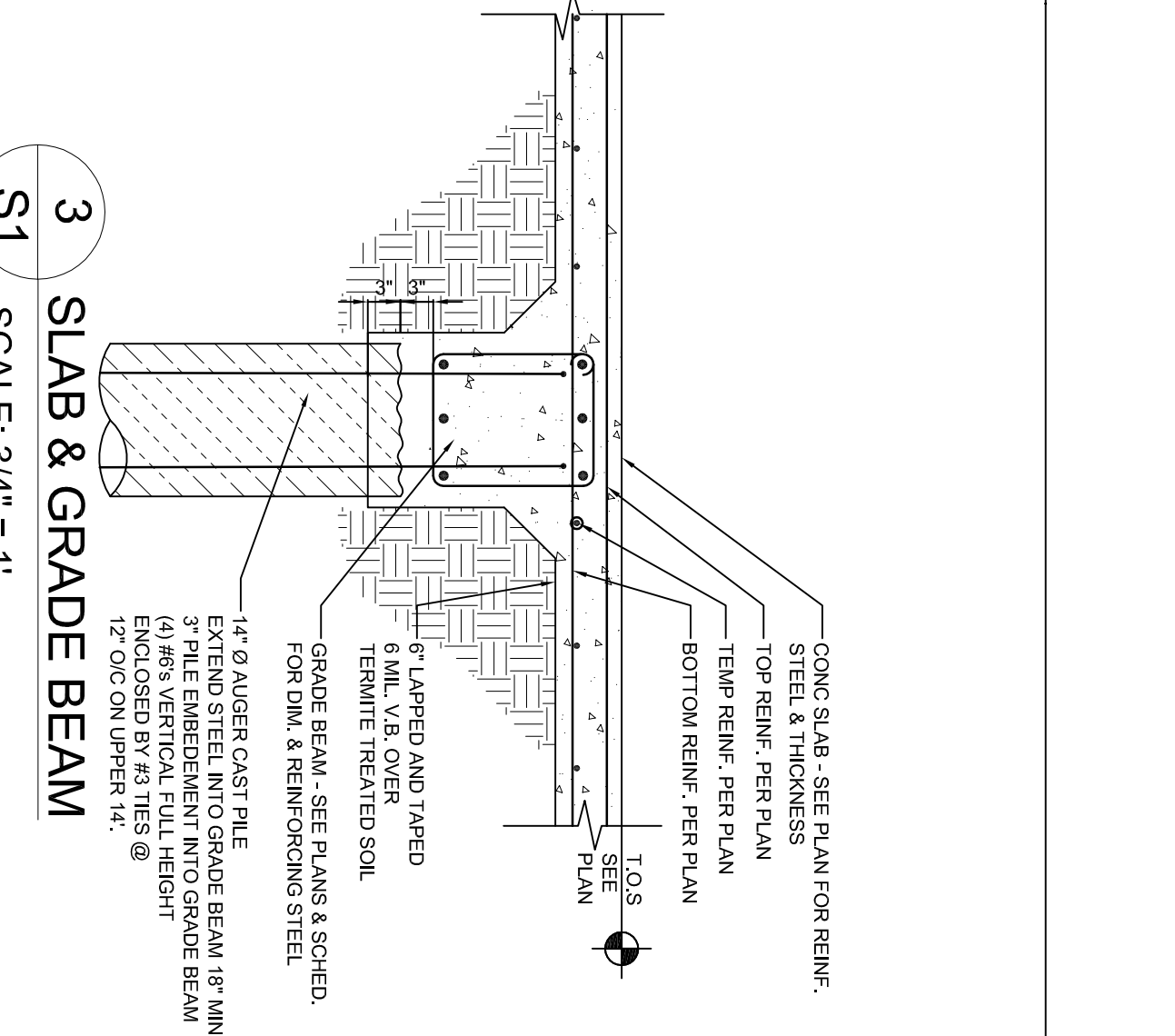
PIILING LOCATION PLAN
1/4" = 1'



1 8" CMU WALL
SCALE: 3/4" = 1'



2 SLAB & GRADE BEAM
SCALE: 3/4" = 1'



3 SLAB & GRADE BEAM
SCALE: 3/4" = 1'

#	DESCRIPTION	DATE

FARID ABUGATTAS, P.E.
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FARID@PROJECTCLASSIC.COM



DRAWN: FA
CHECKED: FA
DATE: _____
JOB #: _____
SHEET: S1

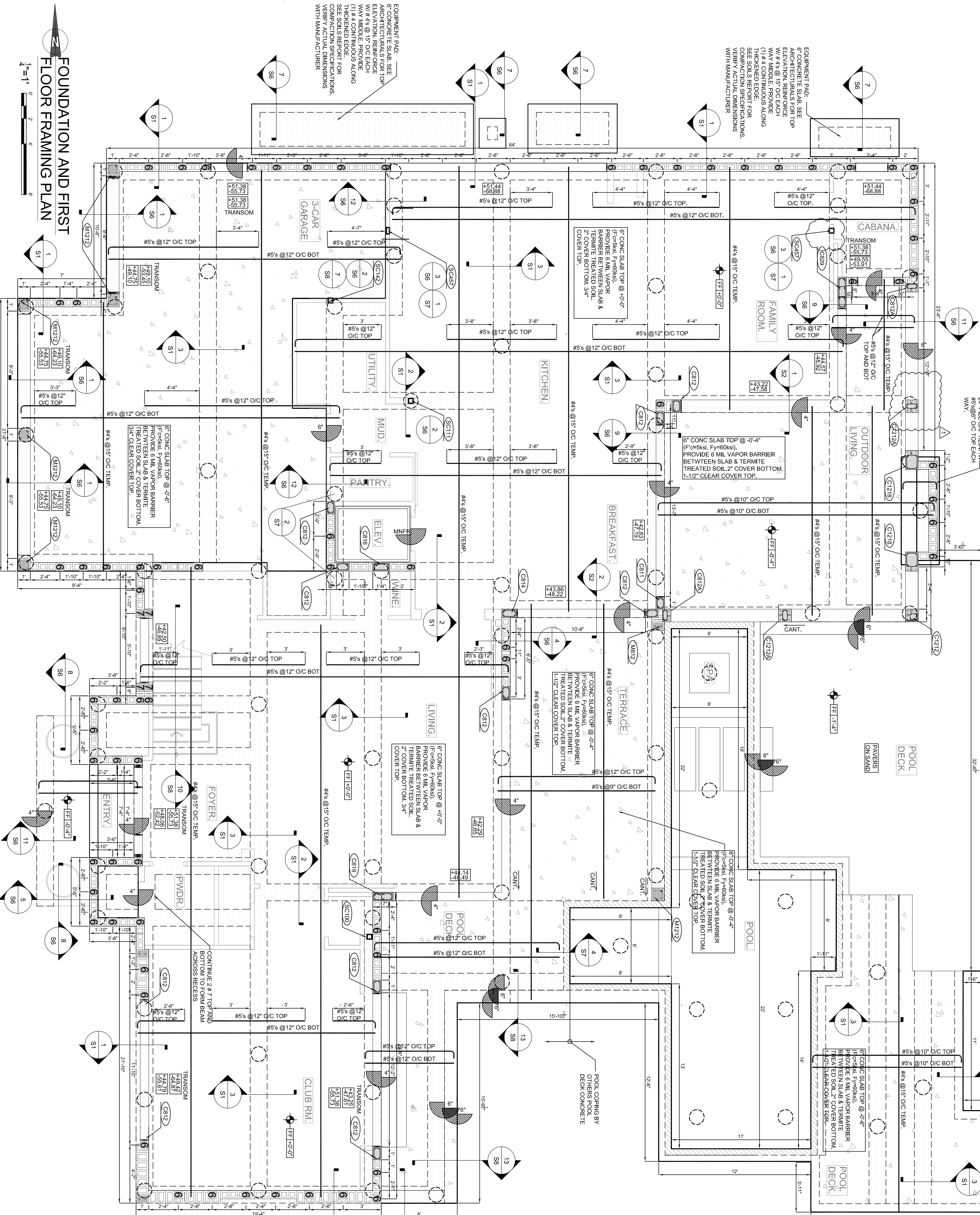
LOADING THIS LEVEL

Table with 2 columns: FLOOR FINISHES, OCCUPANCY LIVES. Includes notes for FIRST FLOOR INDOOR (457 PSF) and FIRST FLOOR OUTDOOR (262 PSF).

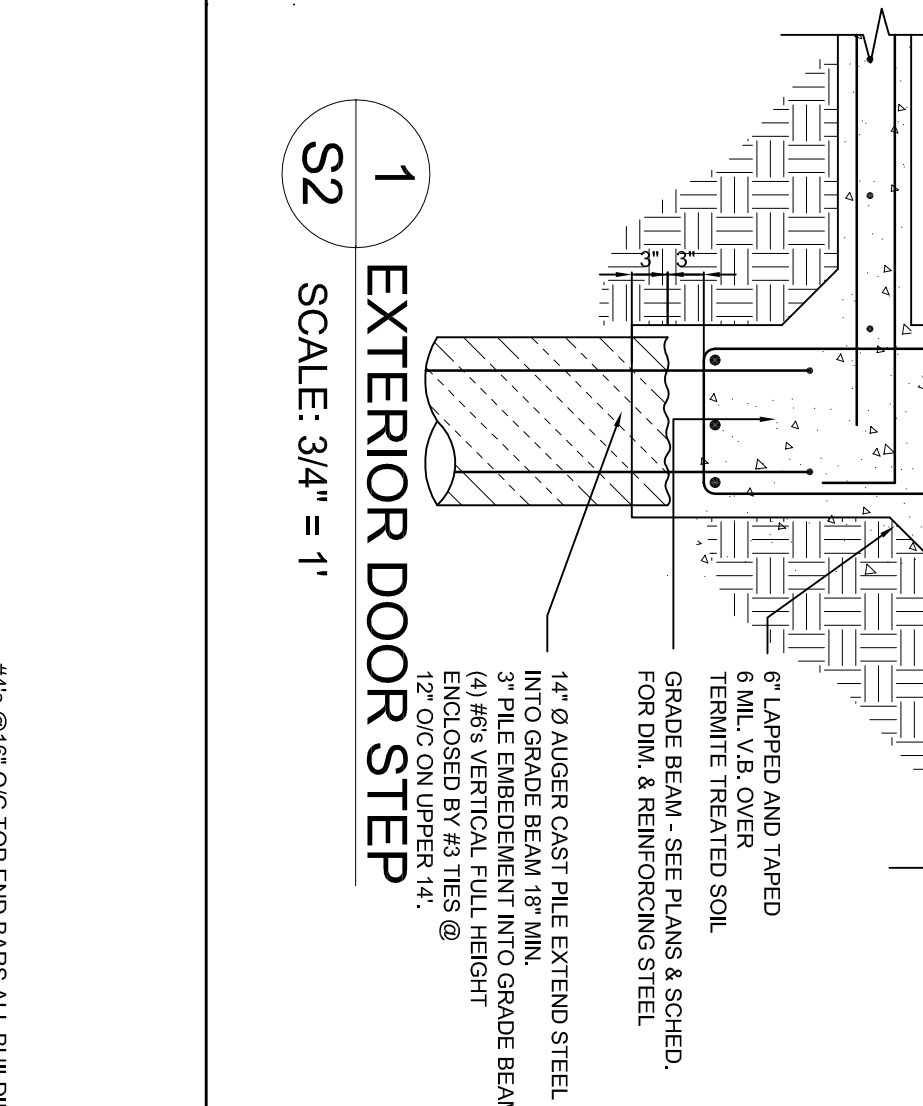
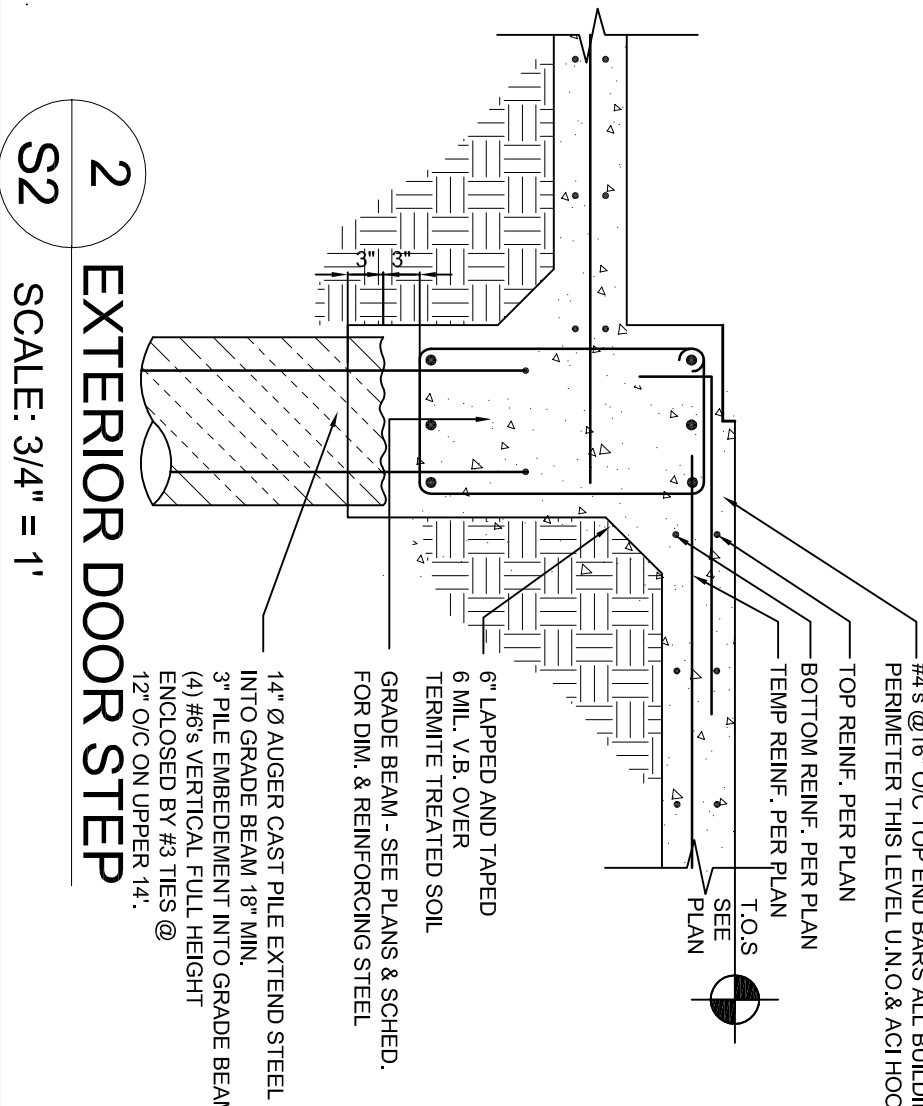
STEEL COLUMN SCHEDULE

Table with 4 columns: CODE, SECTION, CAP, ANCHORS. Lists steel column specifications for various sections like SC100, SC457, and SC100.

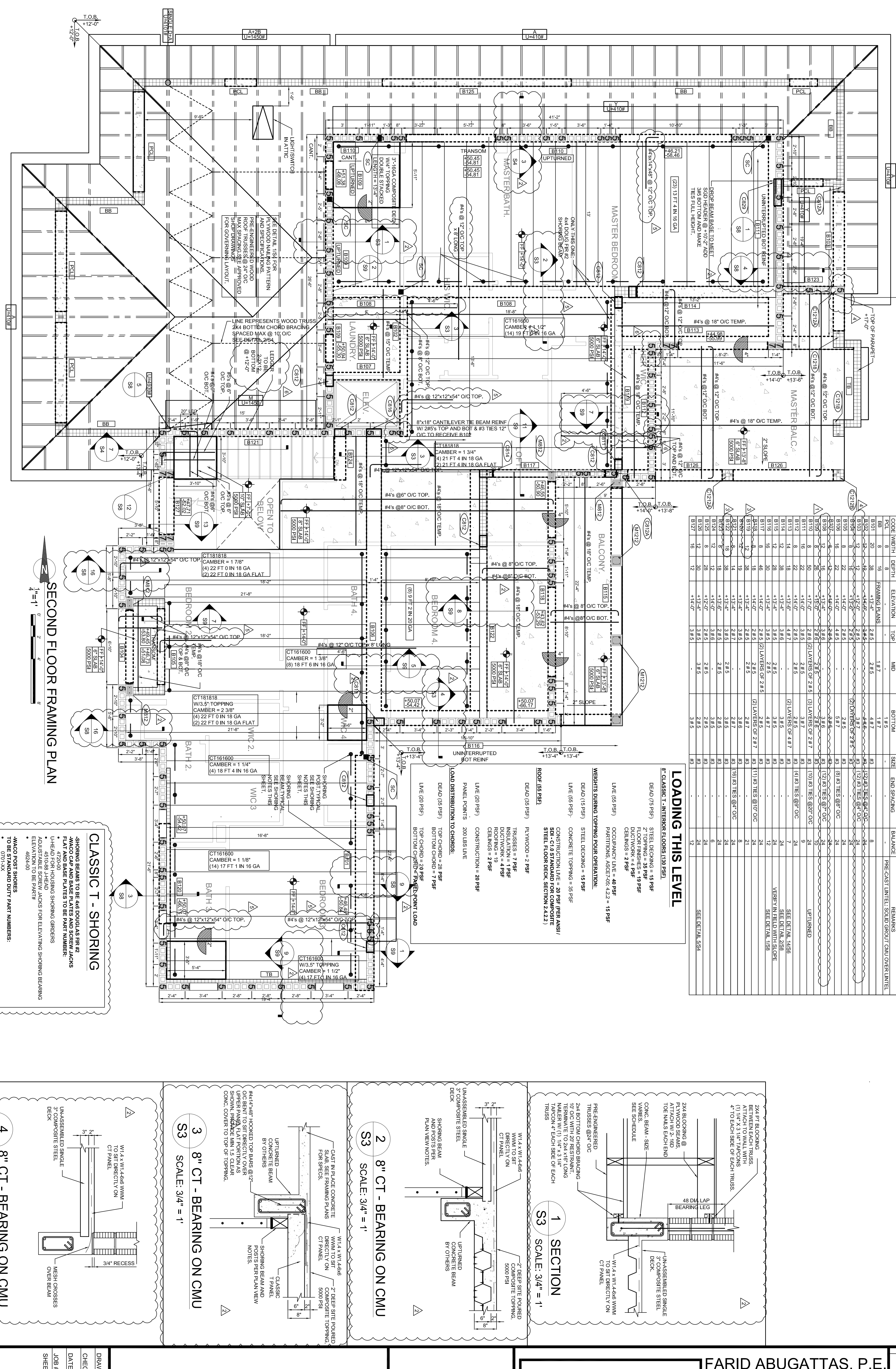
ALL STEEL COLUMN CONNECTIONS TO TOP AND BASE PLATES TO HAVE A 3/16" THICK FILLET WELD ALL AROUND. STEEL COLUMN THICKNESS MAY BE INCREASED IF AVAILABILITY OF MATERIALS REQUIRES IT (MAIN PLAN OUTSIDE DIMENSIONS CONSULT)



CONCRETE & CMU COLUMN SCHEDULE table listing specifications for columns M5 through M12, including reinforcement and formwork details.



Project information block including title 'FOUNDATION AND FIRST FLOOR FRAMING PLAN', sheet number 'S2', date, and contact information for Farid Abugattas, P.E., Structural Engineer at Classic Floor System.



BEAM SCHEDULE

GENERAL CONTRACTOR IS TO VERIFY BEAM DEPTH & ELEVATIONS WITH ARCHITECTURAL PLANS & NOTIFY ARCHITECT OF ANY DISCREPANCIES.

FOR ARCHED BEAMS ADD (2) #5'S DIAGONAL EACH END OF THE BEAM AND (1) EXTRA #5 DIAGONAL EACH SIDE FOR EVERY 4' EXTRA WIDTH. TOP REINFORCEMENT BEAMS TO BE ROUNDED TO TOP AND BOTTOM FOR 12" MIN. RADIUS. FOR 12" AND 16" WIDE BEAMS INCREASE TOP AND BOTTOM LONGITUDINAL STEEL TO (3) #5 FOR 12" AND 16" WIDE BEAMS INCREASE TOP AND BOTTOM LONGITUDINAL STEEL TO (3) #5 FOR 12" AND 16" WIDE BEAMS INCREASE TOP AND BOTTOM LONGITUDINAL STEEL TO (3) #5. THIS NOTE APPLIES TO ALL BEAMS EXCEPT WHERE NOTED OTHERWISE. THIS NOTE DOES NOT APPLY TO BEAMS IN WALLS. "BALANCE" REFERS TO THE SPACING OF THE REMAINING TIERS AFTER THE TIERS AT EACH END HAVE BEEN INSTALLED.

SECTION	CODE	WIDTH	DEPTH	ELEVATION	TOP	MID	BOTTOM	SIZE	END SPACING	BALANCE	REMARKS
B100	B100	20	18	133'-4"	2.45	2.45	2.45	#5	(10) #3 TIES @ 20" O.C.	2.45	UNINTERRUPTED
	B100	18	18	133'-4"	2.45	2.45	2.45	#5	(12) #3 TIES @ 20" O.C.	2.45	UNINTERRUPTED
	B100	16	18	133'-4"	2.45	2.45	2.45	#5	(12) #3 TIES @ 20" O.C.	2.45	UNINTERRUPTED

LOADING THIS LEVEL

8" CLASSIC T - INTERIOR FLOORS (180 PSF)

DEAD (79 PSF): STEEL DECKING = 15 PSF, FLOOR FINISHES = 19 PSF, CEILING = 2 PSF

LIVE (65 PSF): OCCUPANCY LIVE = 40 PSF, PARTITIONS ASCTY-05 = 4.22 = 15 PSF

WEIGHTS DURING TOPPING POUR OPERATION:

DEAD (15 PSF): STEEL DECKING = 15 PSF

LIVE (65 PSF): CONSTRUCTION LIVE = 20 PSF PER ANSII S10. CONSTRUCTION FOR COMPOSITE STEEL (FROM SECTION 4.4.2)

ROOF (68 PSF): PLYWOOD = 2 PSF, TRUSSES = 7 PSF, INSULATION = 1 PSF, ROOFING = 1 PSF, CEILING = 2 PSF

DEAD (95 PSF): CONSTRUCTION = 20 PSF

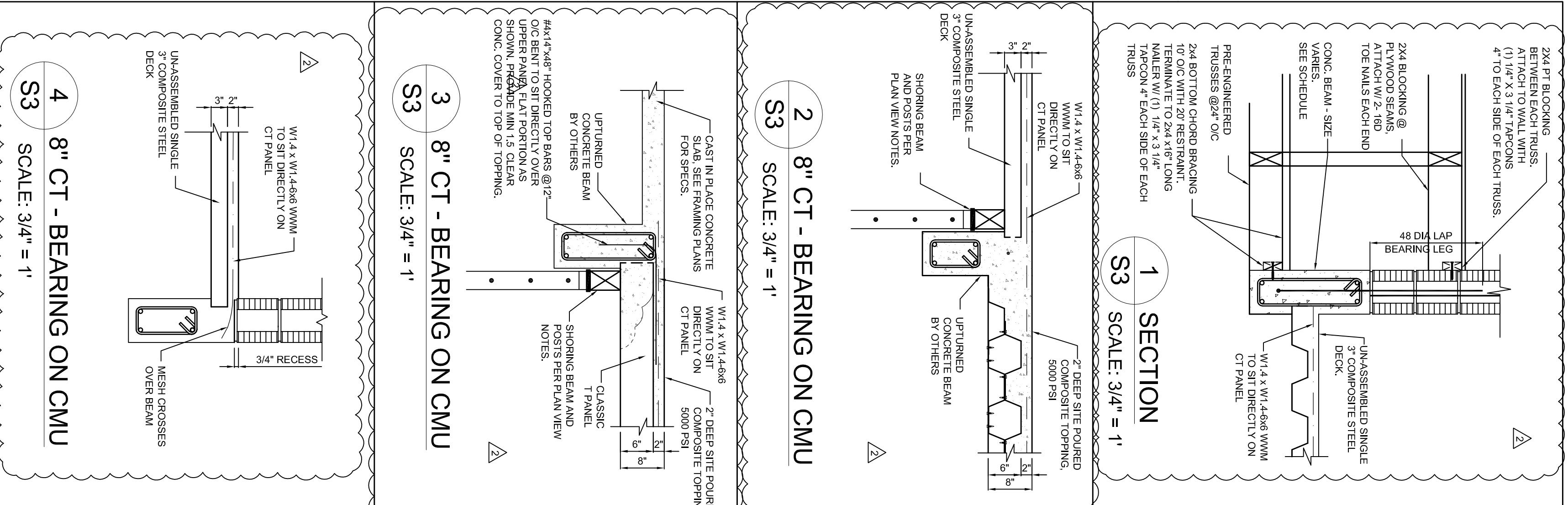
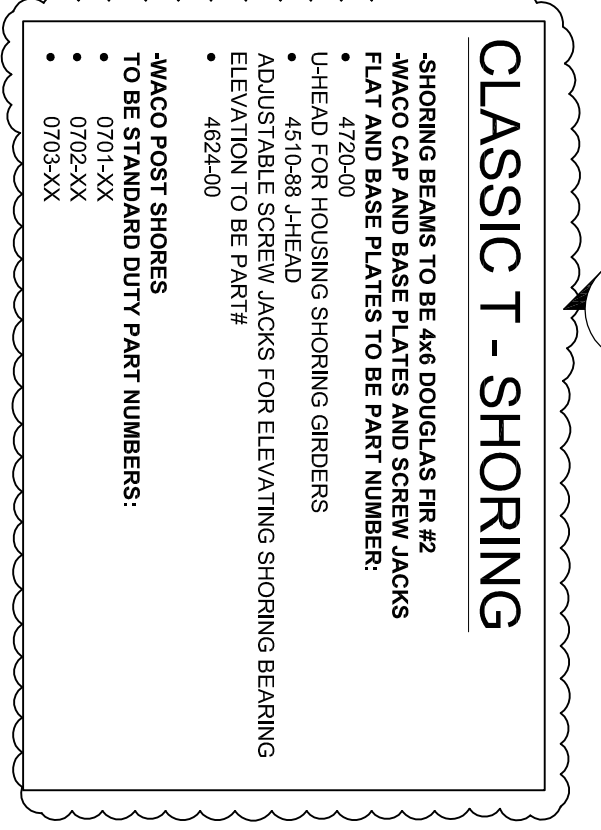
LIVE (60 PSF): PANEL POINTS 200 US LIVE

LOAD DISTRIBUTION TO CHORNS:

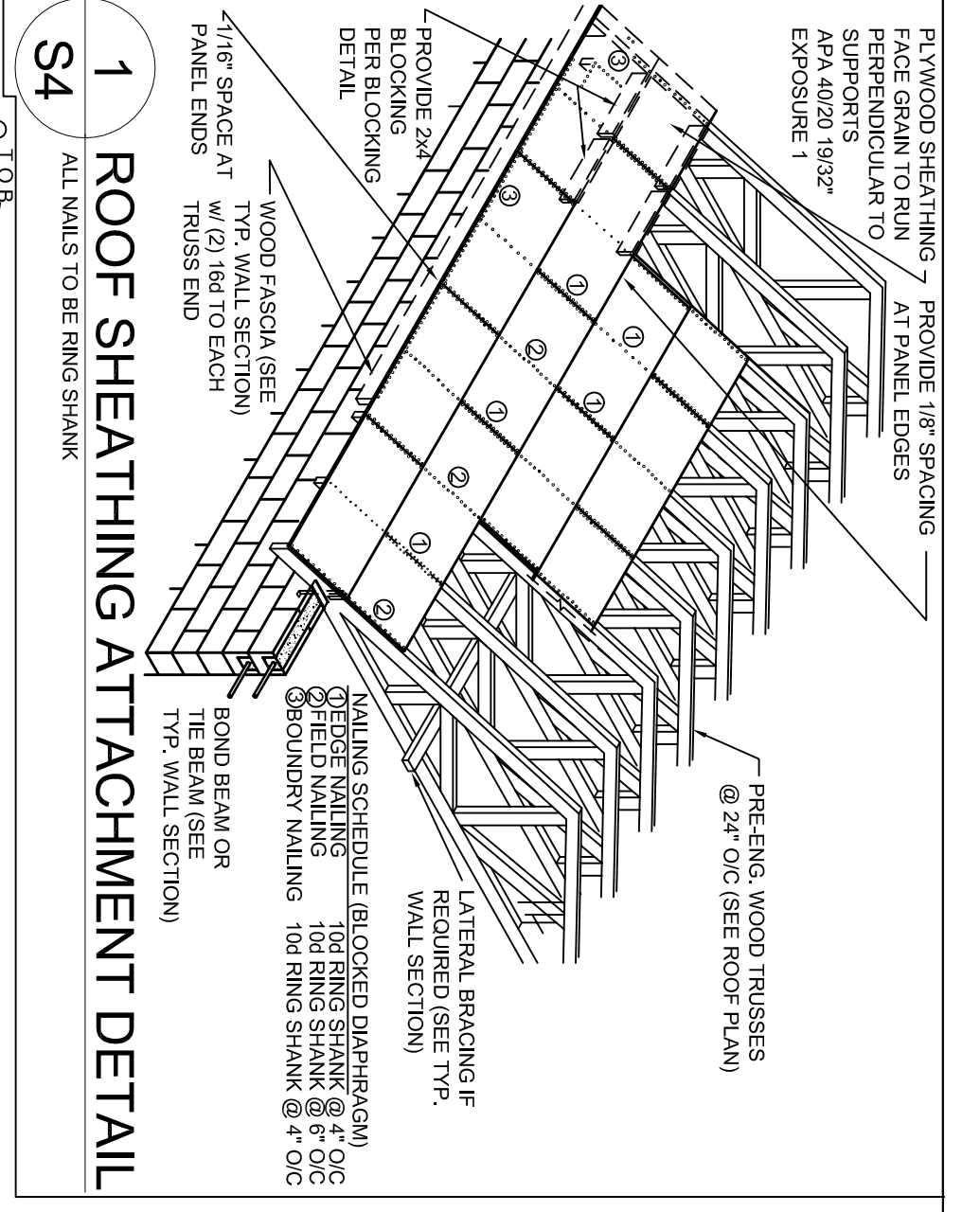
DEAD (95 PSF): TOP CHORNS = 28 PSF, BOTTOM CHORNS = 7 PSF

TOP CHORNS @ 20 PSF

BOTTOM CHORNS @ 7 PSF



<p>CLASSIC T FLOOR SYSTEM</p>	<p>FARID ABUGATTAS, P.E. STRUCTURAL ENGINEER</p> <p>7318 TEXAS TRAIL BOCA RATON, FLORIDA 33487 PHONE: (954) 667-7803 FAX: (561) 665-5438 P.E. LICENSE # 72471, CA#29407 WWW.PROJECTCLASSIC.COM FARID@PROJECTCLASSIC.COM</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DESCRIPTION</td> <td>12-10-13</td> </tr> <tr> <td>2</td> <td>CT FLOOR</td> <td>01-27-14</td> </tr> <tr> <td>3</td> <td>SPO HEADER</td> <td>05/20/14</td> </tr> <tr> <td>4</td> <td>ELIMINATED COL.</td> <td>05/20/14</td> </tr> <tr> <td>5</td> <td>TOP REBAR</td> <td>07/04/14</td> </tr> <tr> <td>6</td> <td>TRUSS</td> <td>07/09/14</td> </tr> </tbody> </table>	#	DESCRIPTION	DATE	1	DESCRIPTION	12-10-13	2	CT FLOOR	01-27-14	3	SPO HEADER	05/20/14	4	ELIMINATED COL.	05/20/14	5	TOP REBAR	07/04/14	6	TRUSS	07/09/14
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<p>DRAWN: FA CHECKED: FA DATE: _____ JOB #: _____ SHEET: S3</p>	<p>OF 10</p>																						



BEAM SCHEDULE

GENERAL CONTRACTORS TO VERIFY BEAM DEPTH & ELEVATIONS WITH ARCHITECTURAL PLANS & NOTIFY ARCHITECT OF ANY DISCREPANCIES. FOR ARCHED BEAMS ADD (2) #5 DIAGONAL EACH END OF THE BEAM. ADD (1) EXTRA #5 DIAGONAL EACH SIDE FOR EVERY 4' EXTRA WIDTH. PER ARCHIT. 2121.2.2.3. TYPICAL ROOF BEAM OVER WALLS TO BE (2) COURSES OF 8x8 KNOCK OUT BLOCK WITH (1) #7 LONGITUDINAL. FOR 12" AND 16" WALLS THE BEAMS INCREASE TOP AND BOTTOM LONGITUDINAL STEEL TO (3) #5. *TRUSS AT "E" REFERS TO EACH SIDE OF EVERY INTERMEDIATE SUPPORTING COLUMN. *REMARKS REFER TO THE BEAM END. THE BEAM END HAVING BEEN INSTALLED. *REMARKS REFER TO THE BEAM END. THE BEAM END HAVING BEEN INSTALLED.

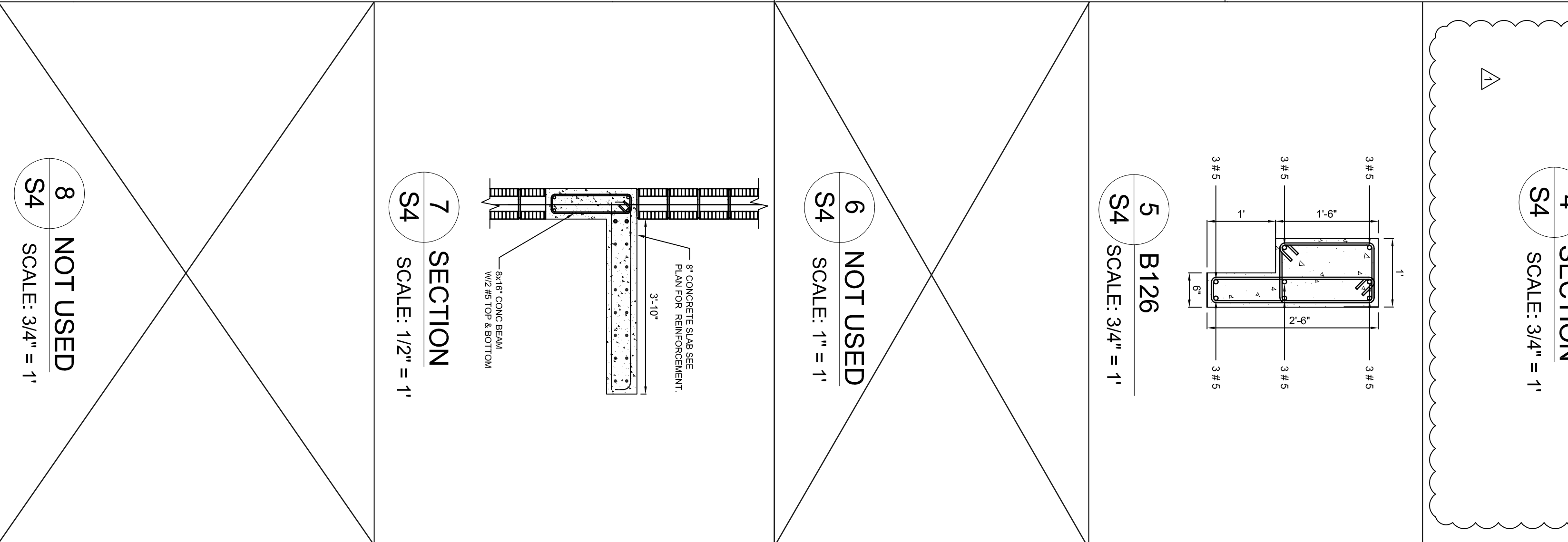
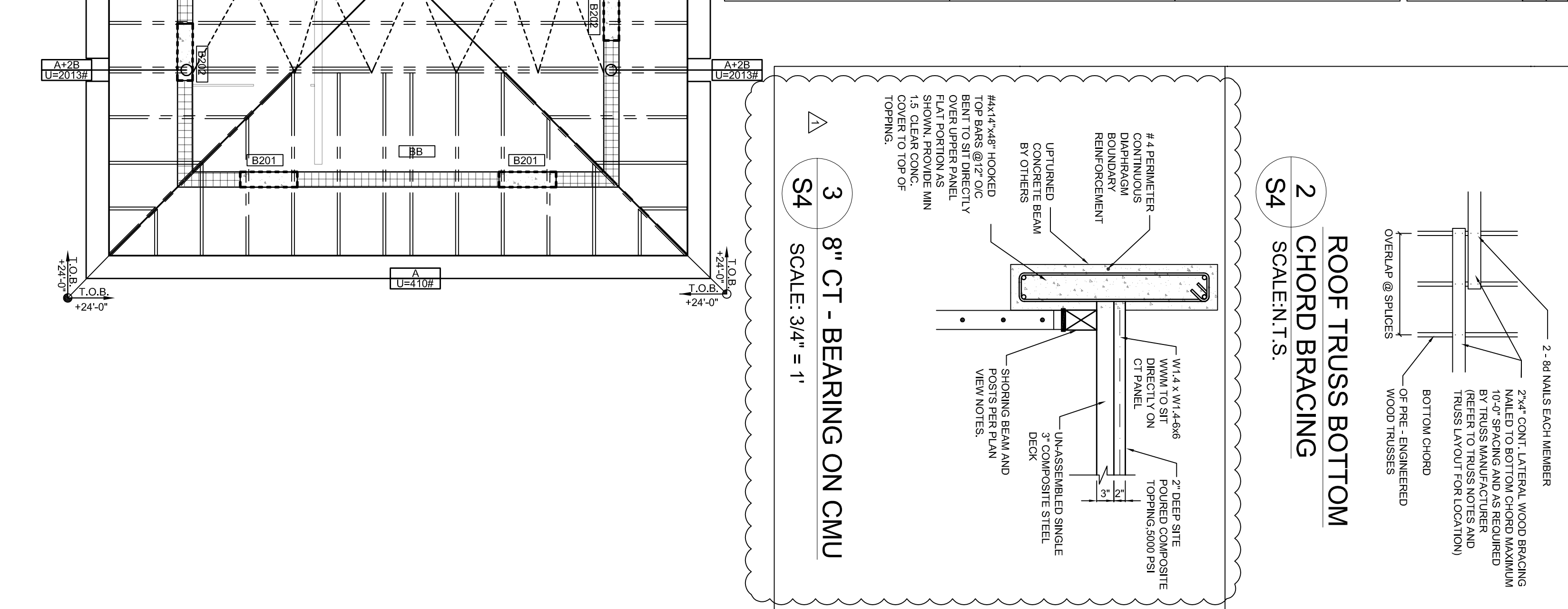
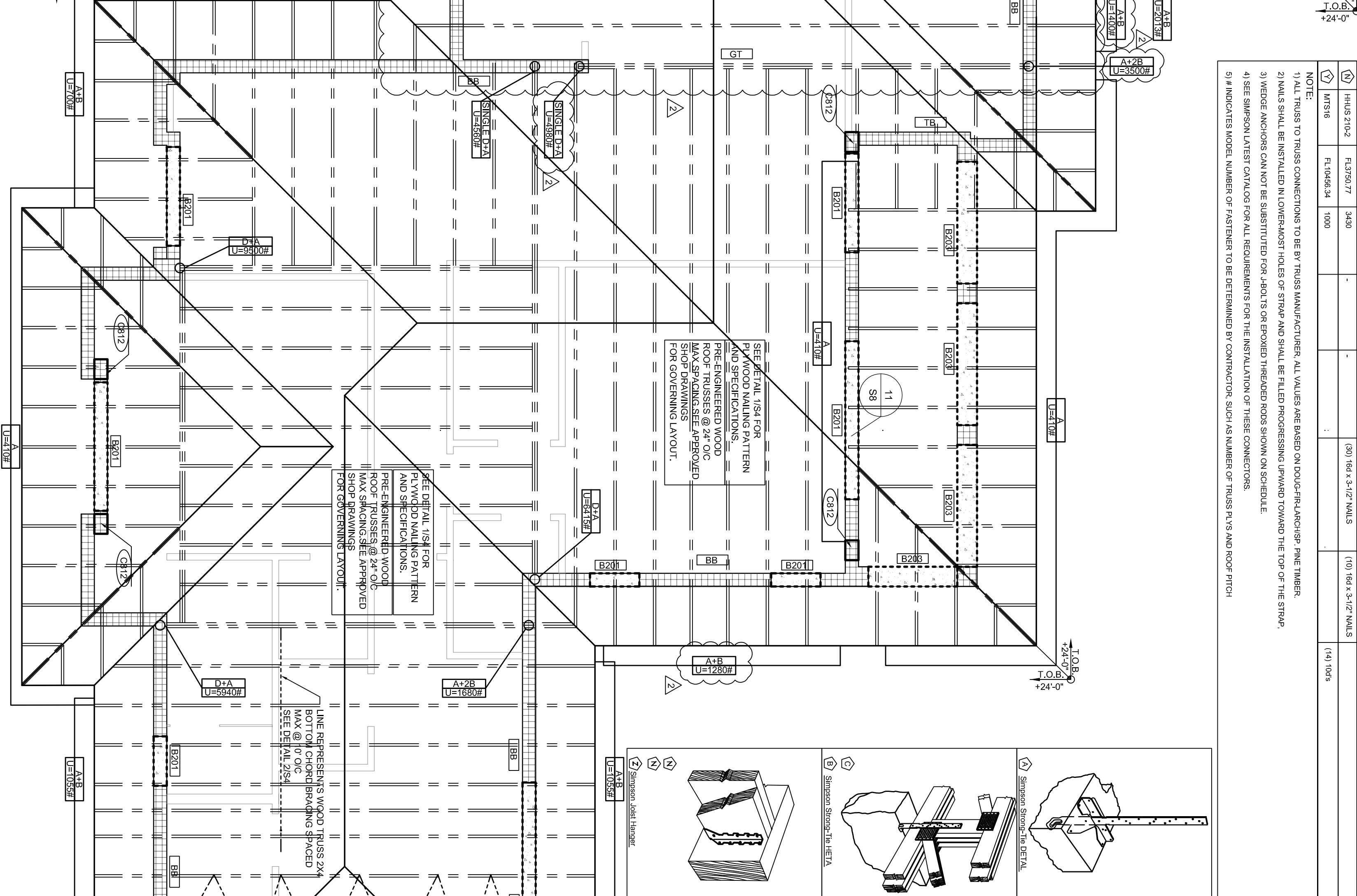
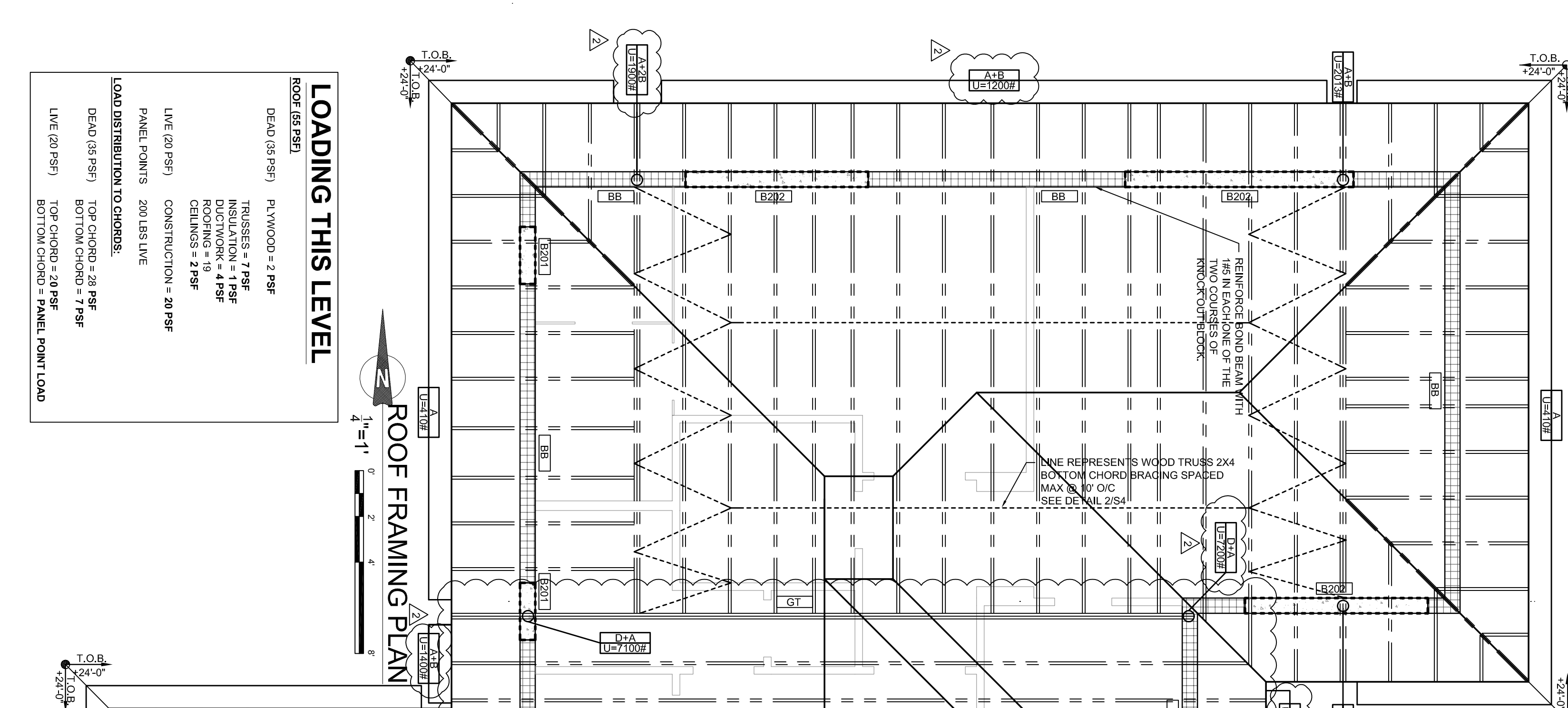
SECTION	CODE	WIDTH	DEPTH	ELEVATION	TOP	MID	BOTTOM	SIZE	END SPACING	BALANCE	PRE-CAST LINTEL: SOLID GROUT CMU OVER LINTEL	REMARKS
E201	8	8	24	0'	2#5	1#5	1#5	#3	(3) 18" TIES @ 4" O.C.	24		
	12	12	24	0'	2#5	2#5	2#5	#3	(3) 18" TIES @ 4" O.C.	24		
E203	12	12	24	0'	2#5	2#5	2#5	#3	(3) 18" TIES @ 4" O.C.	24		
	12	12	24	0'	2#5	2#5	2#5	#3	(3) 18" TIES @ 4" O.C.	24		

TRUSS STRAP SCHEDULE (SIMPSON STRONG TIE)

MARK CONNECTION APPROVAL

MARK	CONNECTION APPROVAL	ALLOWABLE LOAD (LBS)	PREPARE TO TRUSS	TRUSS SPACING	SEAT PLATE/TRUSS	REMARKS
①	E14183	1800	PARALLEL TO TRUSS	100"		FULLY NAILED
②	E14183	180	PERPENDICULAR TO TRUSS	100"		FULLY NAILED
③	E14183	180	PERPENDICULAR TO TRUSS	100"		FULLY NAILED
④	HUS 28	2000	(1) 104 x 1-1/2" WALLS			
	HUS 28	2000	(2) 164 x 3-1/2" WALLS			
⑤	HUS 28	3400	(3) 164 x 3-1/2" WALLS			
⑥	HUS 28	3400	(4) 164 x 3-1/2" WALLS			
⑦	HUS 28	3400	(5) 164 x 3-1/2" WALLS			
⑧	HUS 28	3400	(6) 164 x 3-1/2" WALLS			
⑨	HUS 28	3400	(7) 164 x 3-1/2" WALLS			
⑩	HUS 28	3400	(8) 164 x 3-1/2" WALLS			
⑪	HUS 28	3400	(9) 164 x 3-1/2" WALLS			
⑫	HUS 28	3400	(10) 164 x 3-1/2" WALLS			
⑬	HUS 28	3400	(11) 164 x 3-1/2" WALLS			
⑭	HUS 28	3400	(12) 164 x 3-1/2" WALLS			
⑮	HUS 28	3400	(13) 164 x 3-1/2" WALLS			
⑯	HUS 28	3400	(14) 164 x 3-1/2" WALLS			
⑰	HUS 28	3400	(15) 164 x 3-1/2" WALLS			
⑱	HUS 28	3400	(16) 164 x 3-1/2" WALLS			
⑲	HUS 28	3400	(17) 164 x 3-1/2" WALLS			
⑳	HUS 28	3400	(18) 164 x 3-1/2" WALLS			
㉑	HUS 28	3400	(19) 164 x 3-1/2" WALLS			
㉒	HUS 28	3400	(20) 164 x 3-1/2" WALLS			
㉓	HUS 28	3400	(21) 164 x 3-1/2" WALLS			
㉔	HUS 28	3400	(22) 164 x 3-1/2" WALLS			
㉕	HUS 28	3400	(23) 164 x 3-1/2" WALLS			
㉖	HUS 28	3400	(24) 164 x 3-1/2" WALLS			
㉗	HUS 28	3400	(25) 164 x 3-1/2" WALLS			
㉘	HUS 28	3400	(26) 164 x 3-1/2" WALLS			
㉙	HUS 28	3400	(27) 164 x 3-1/2" WALLS			
㉚	HUS 28	3400	(28) 164 x 3-1/2" WALLS			
㉛	HUS 28	3400	(29) 164 x 3-1/2" WALLS			
㉜	HUS 28	3400	(30) 164 x 3-1/2" WALLS			

NOTE: 1) ALL TRUSSES TO TRUSS CONNECTIONS TO BE BY TRUSS MANUFACTURER. ALL VALUES ARE BASED ON ROOF-RAISED-CHORD PIPE TRUSS. 2) WALLS SHALL BE INSTALLED IN DOWNWARD HOLES OF STRAP AND SHALL BE FILLED PROGRESSING UPWARD TOWARD THE TOP OF THE STRAP. 3) WEDGE ANCHORS CAN NOT BE SUBSTITUTED FOR #4 BOLTS OR EXPOSED HEADS SHOWN ON SCHEDULE. 4) SEE SIMPSON LATEST CATALOG FOR ALL REQUIREMENTS FOR THE INSTALLATION OF THESE CONNECTIONS. 5) # INDICATES MODEL NUMBER OF FASTENER TO BE DETERMINED BY CONTRACTOR. SUCH AS NUMBER OF TRUSS PLAYS AND ROOF PITCH.

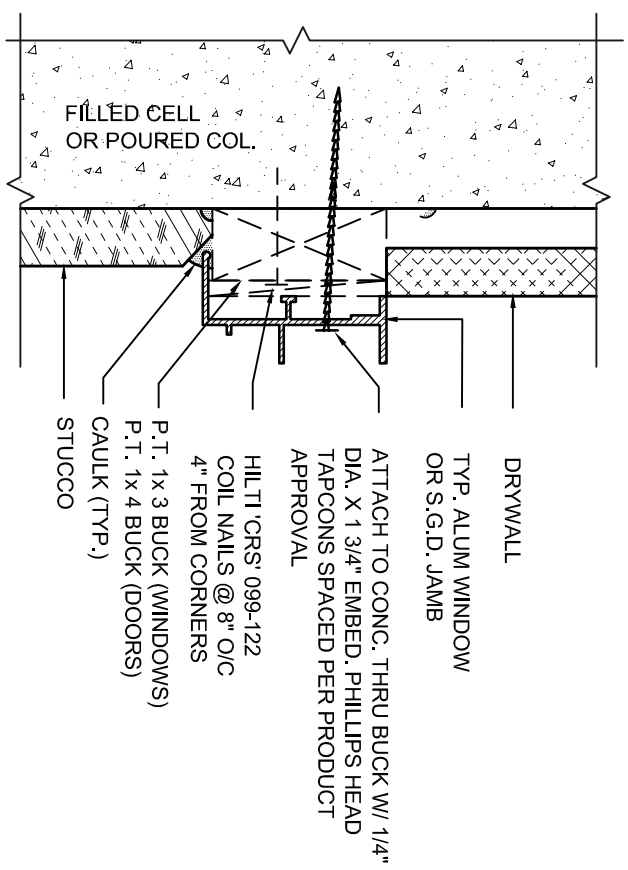


	FARID ABUGATTAS, P.E. STRUCTURAL ENGINEER 7318 TEXAS TRAIL BOCA RATON, FLORIDA 33487 PHONE: (954) 667-7803 FAX: (561) 665-5438 P.E. LICENSE # 72471, CA#29407 WWW.PROJECTCLASSIC.COM FARID@PROJECTCLASSIC.COM	#DESCRIPTION	DATE
		ROOF BEAM	27-01-14
		TRUSS	07-30-14

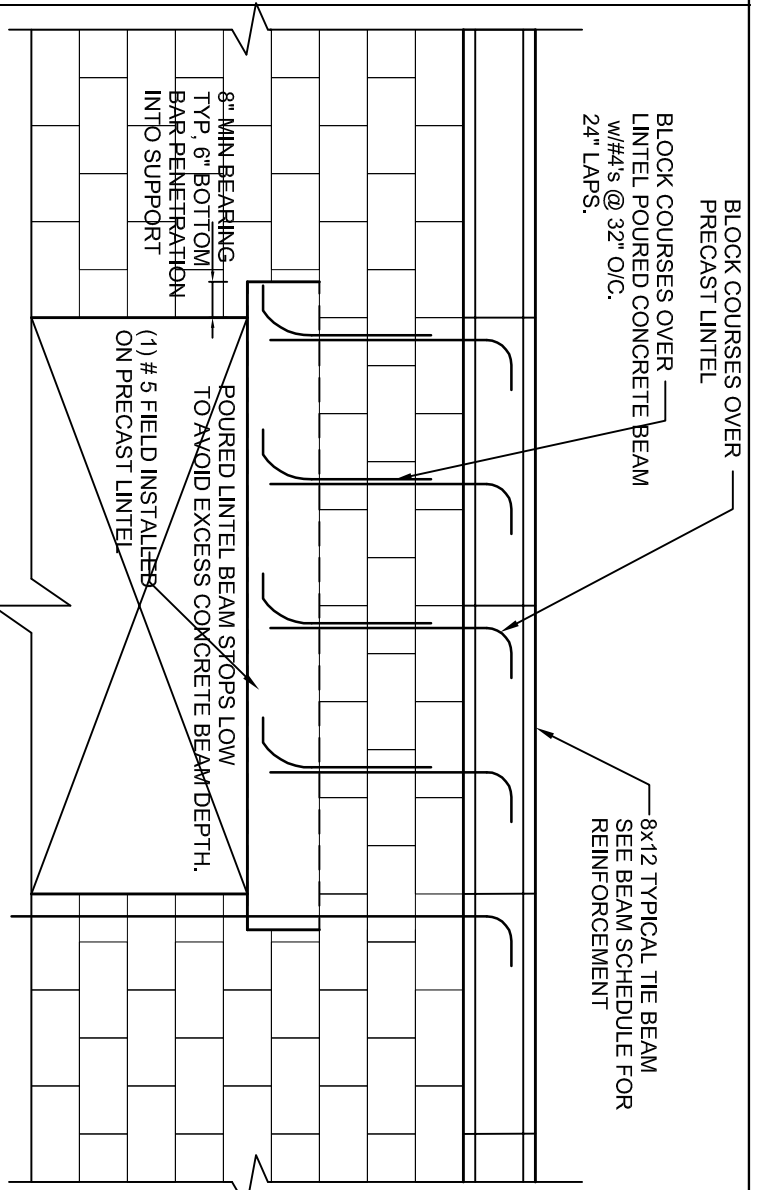
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S4

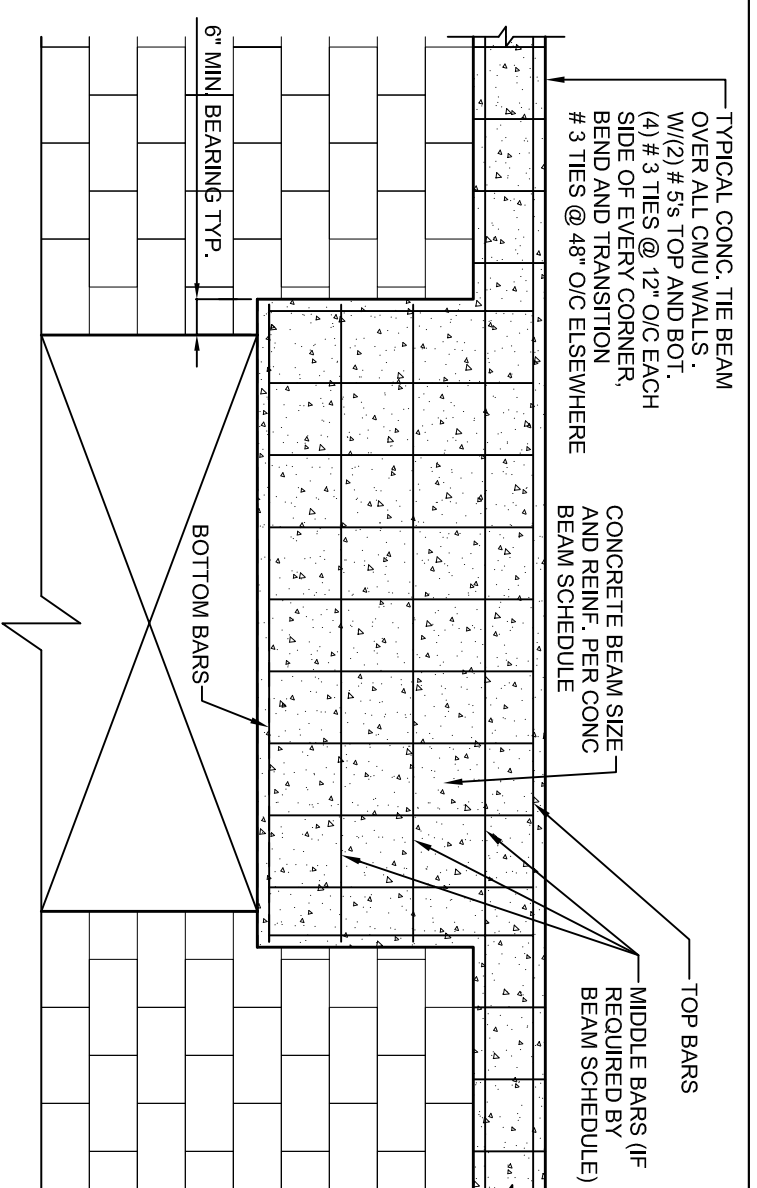
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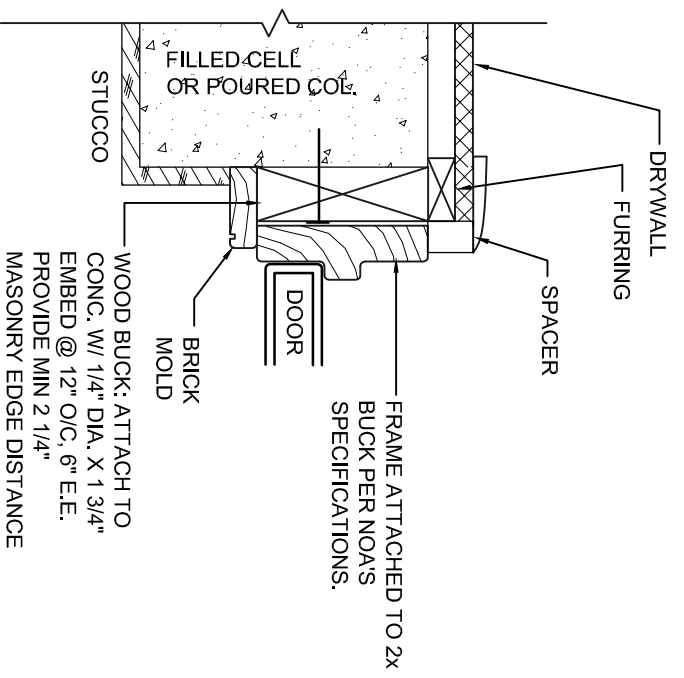
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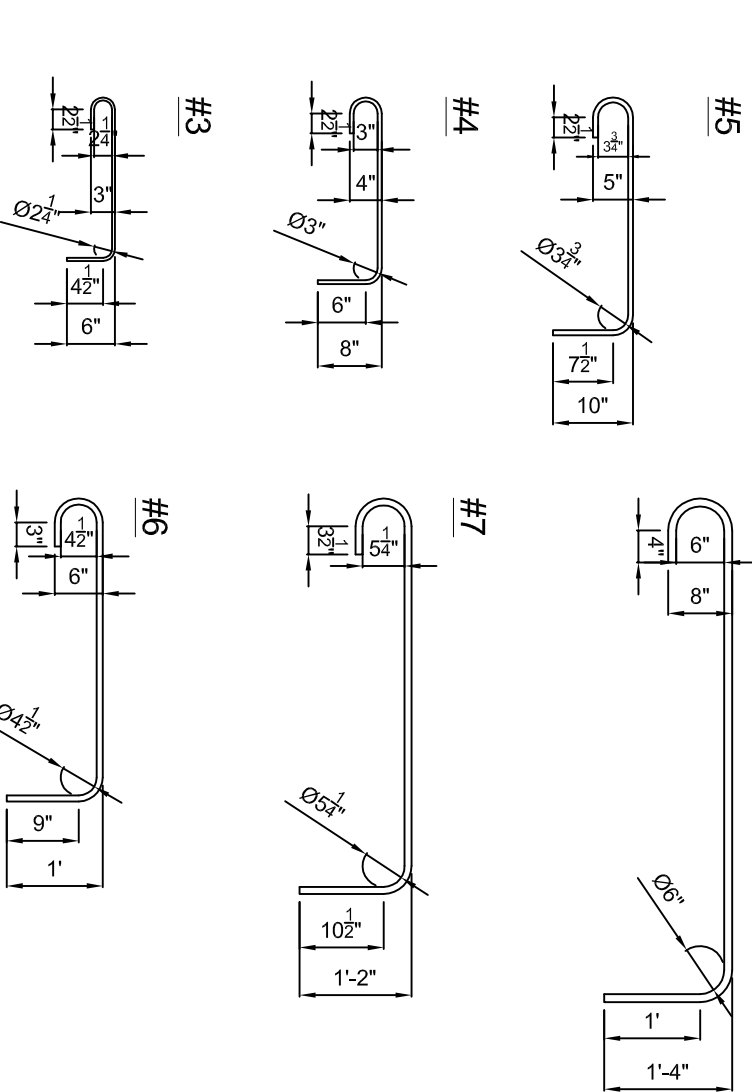
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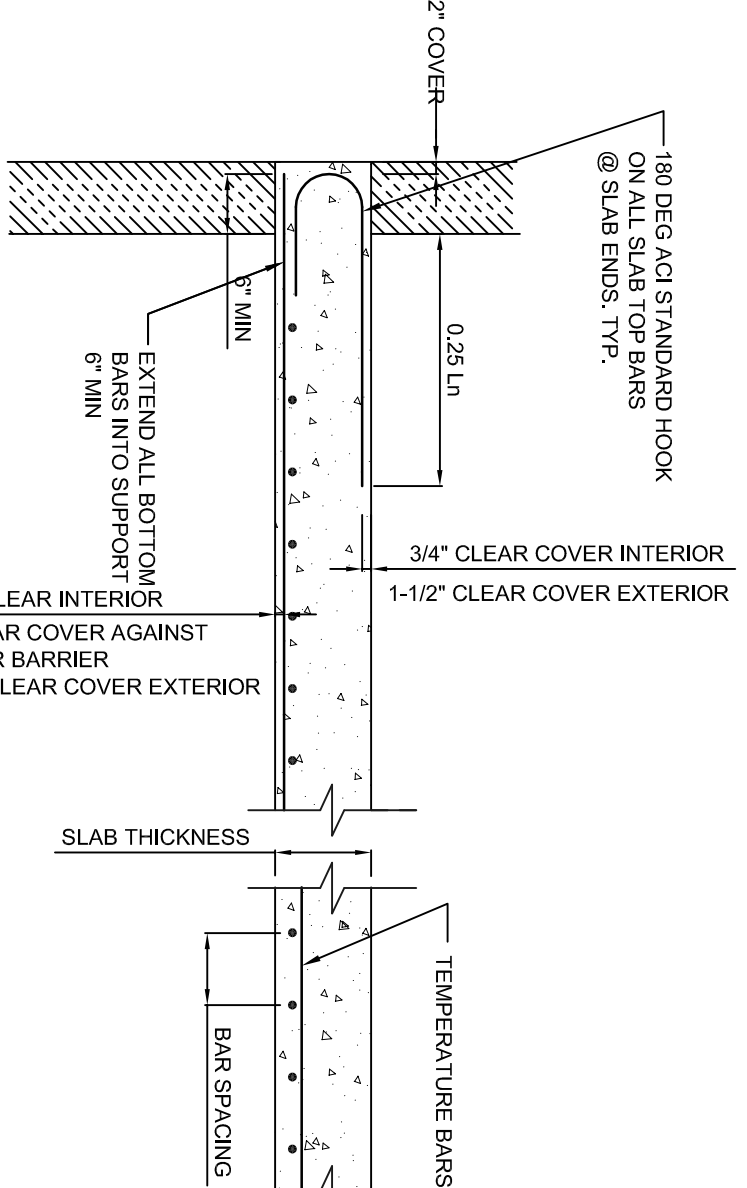
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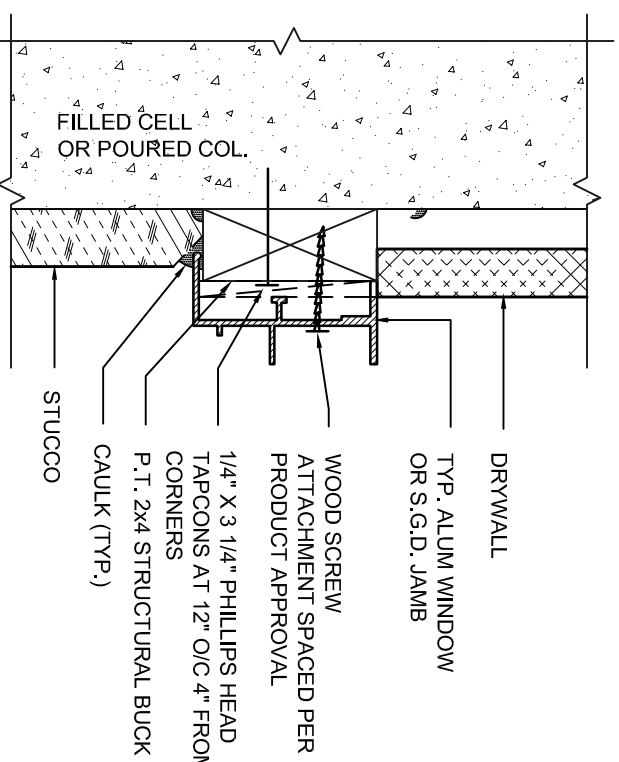
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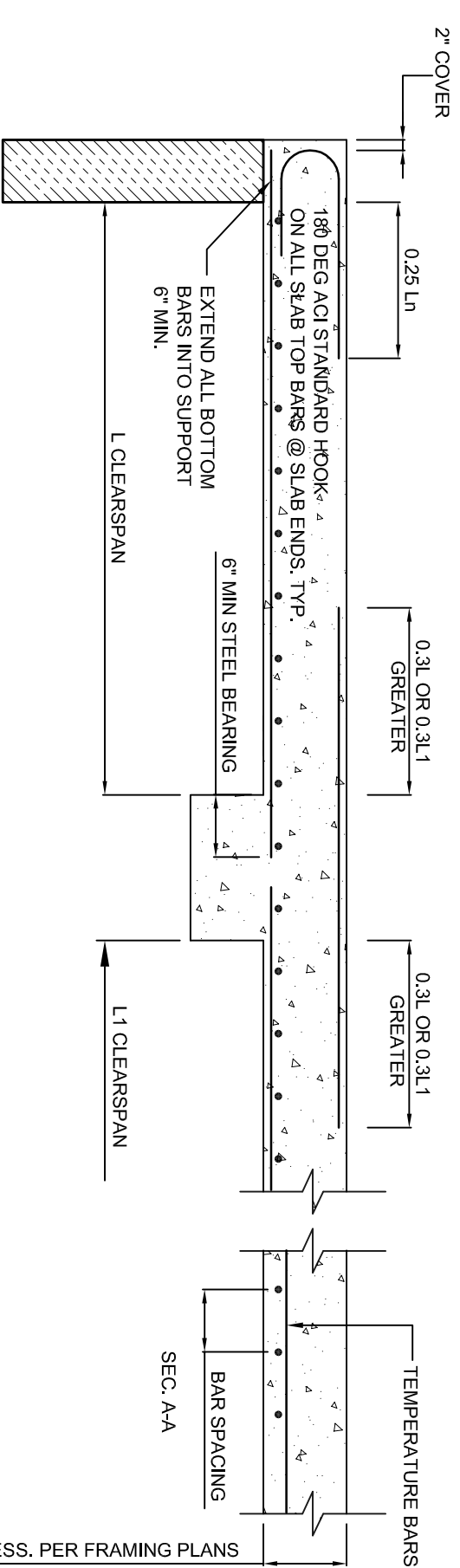
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SCALE: 1/2" = 1'



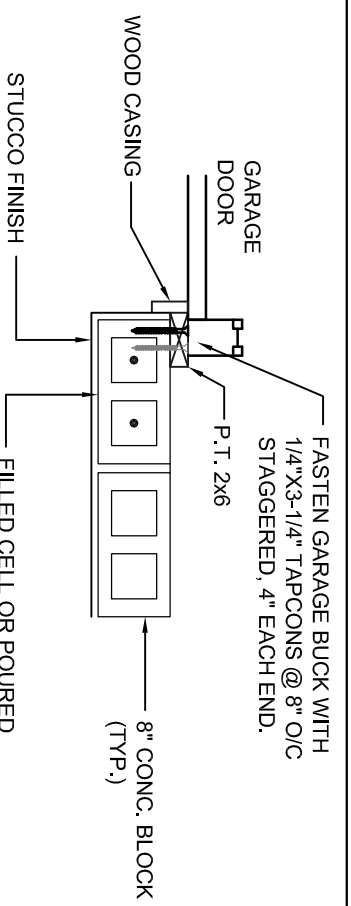
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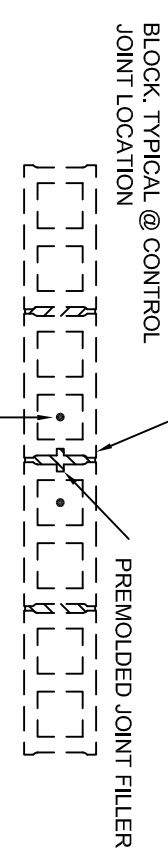
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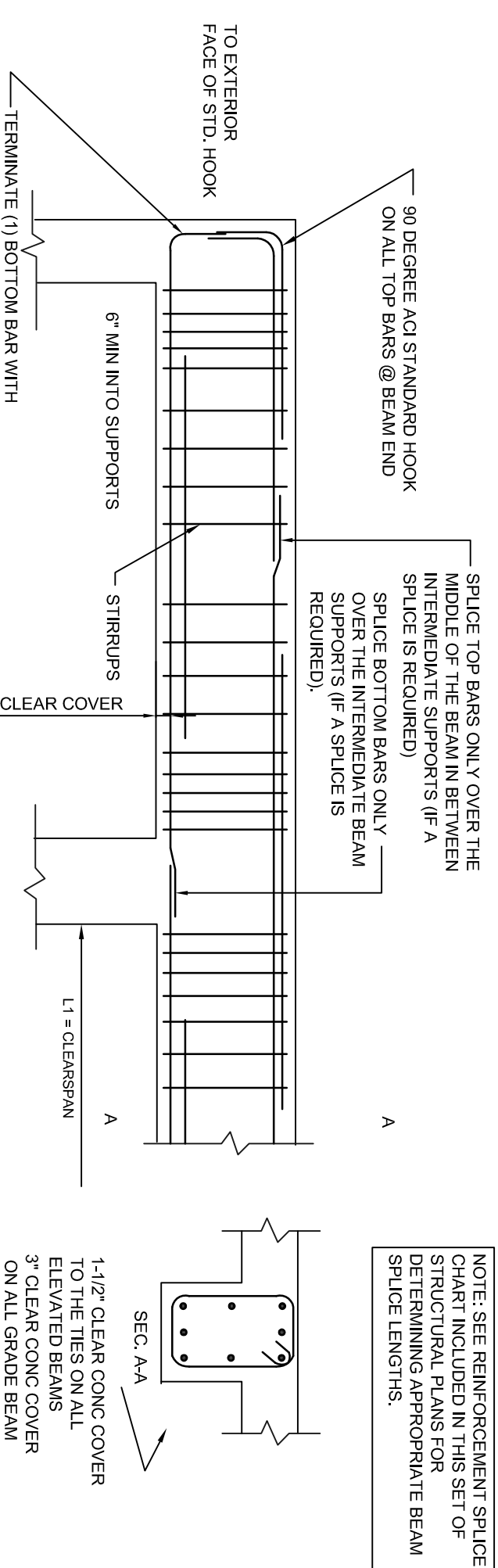
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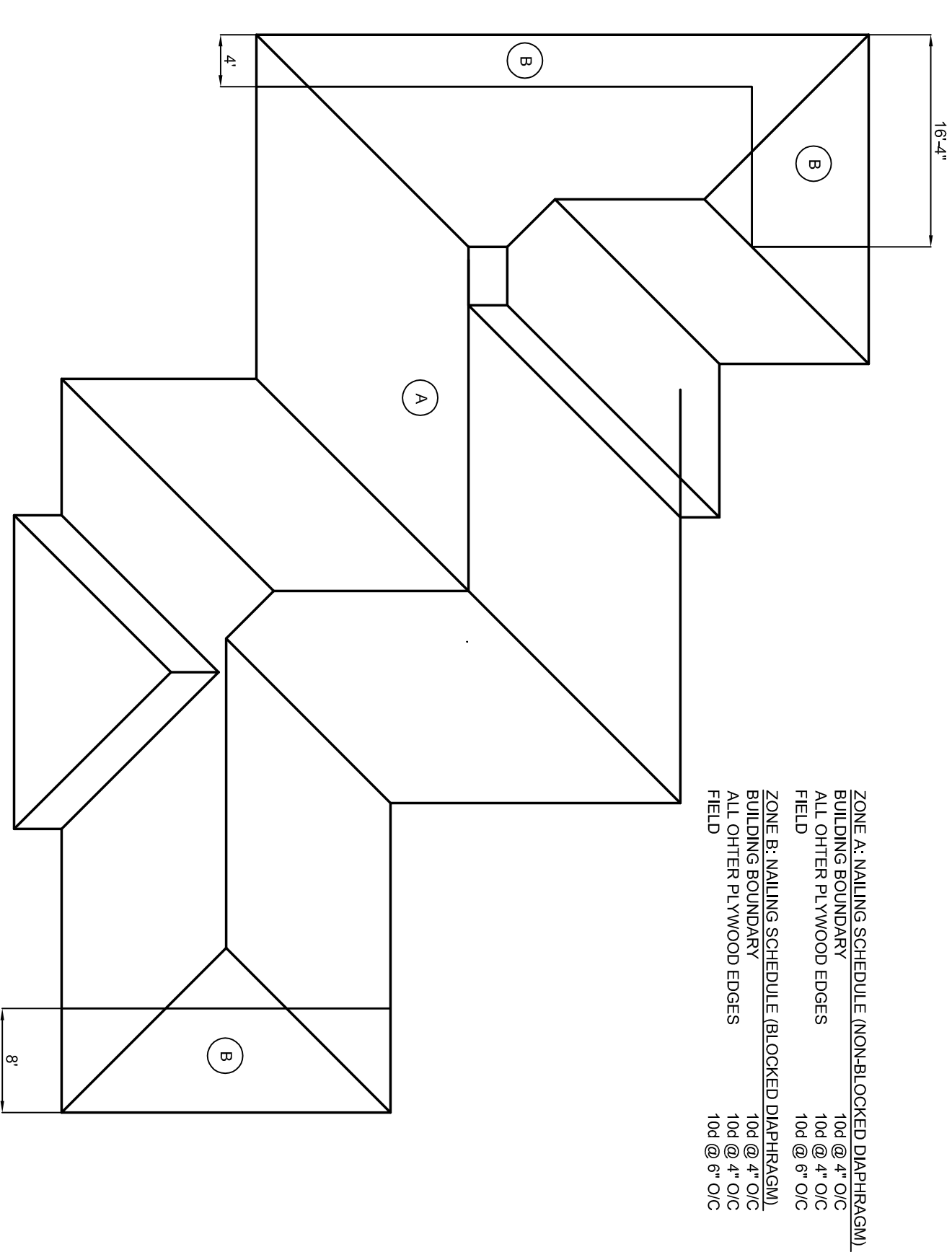
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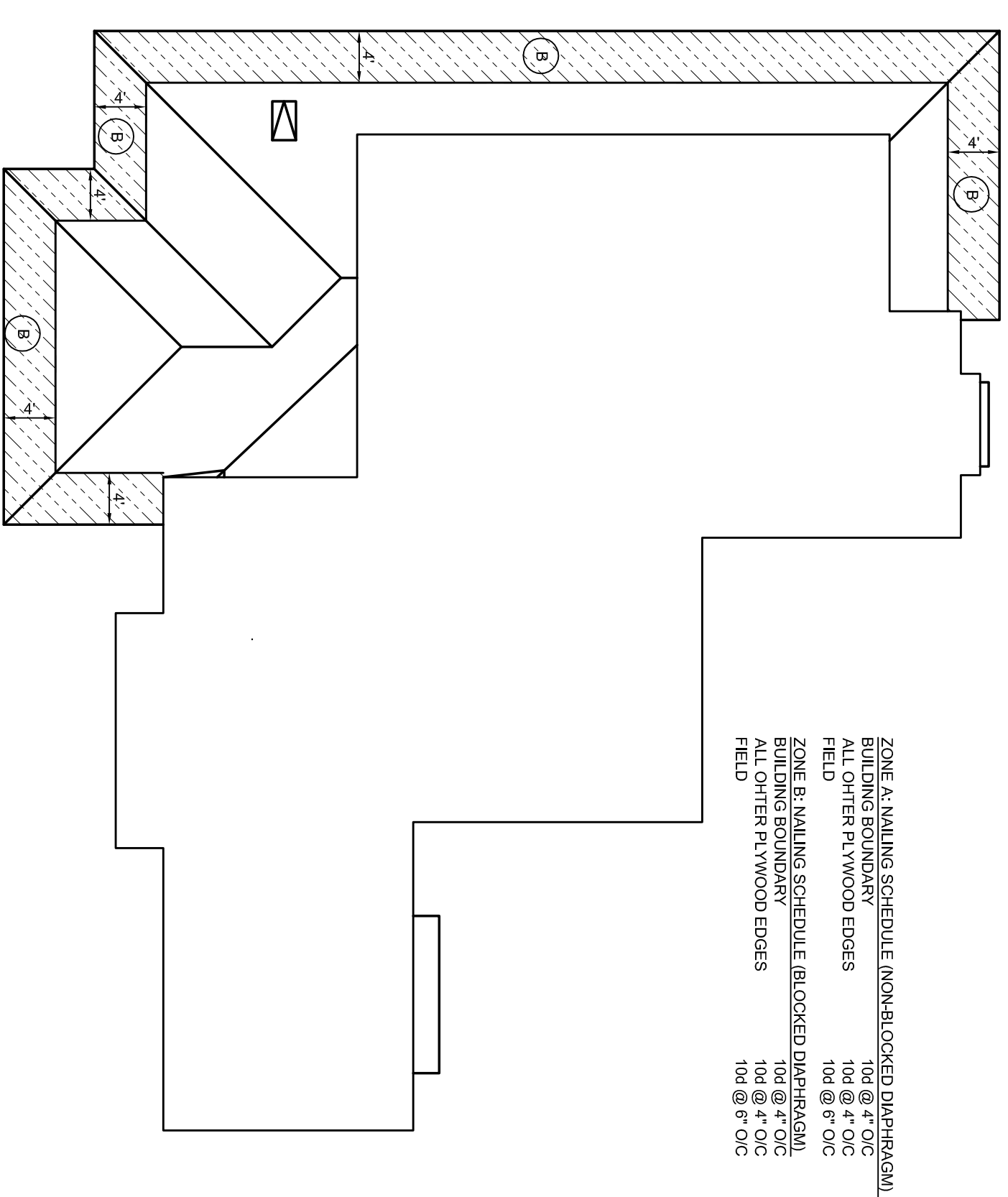
5
SCALE: 3/16" = 1'



11
SCALE: N.T.S.



12
SCALE: 3/2" = 1'



ZONE A: WALLING SCHEDULE (NON-BLOCKED DMPHRAGM)
BUILDING BOUNDARY
FIELD
FIELD
FIELD
FIELD
FIELD
FIELD
FIELD

ZONE B: WALLING SCHEDULE (BLOCKED DMPHRAGM)
BUILDING BOUNDARY
FIELD
FIELD
FIELD
FIELD
FIELD
FIELD
FIELD

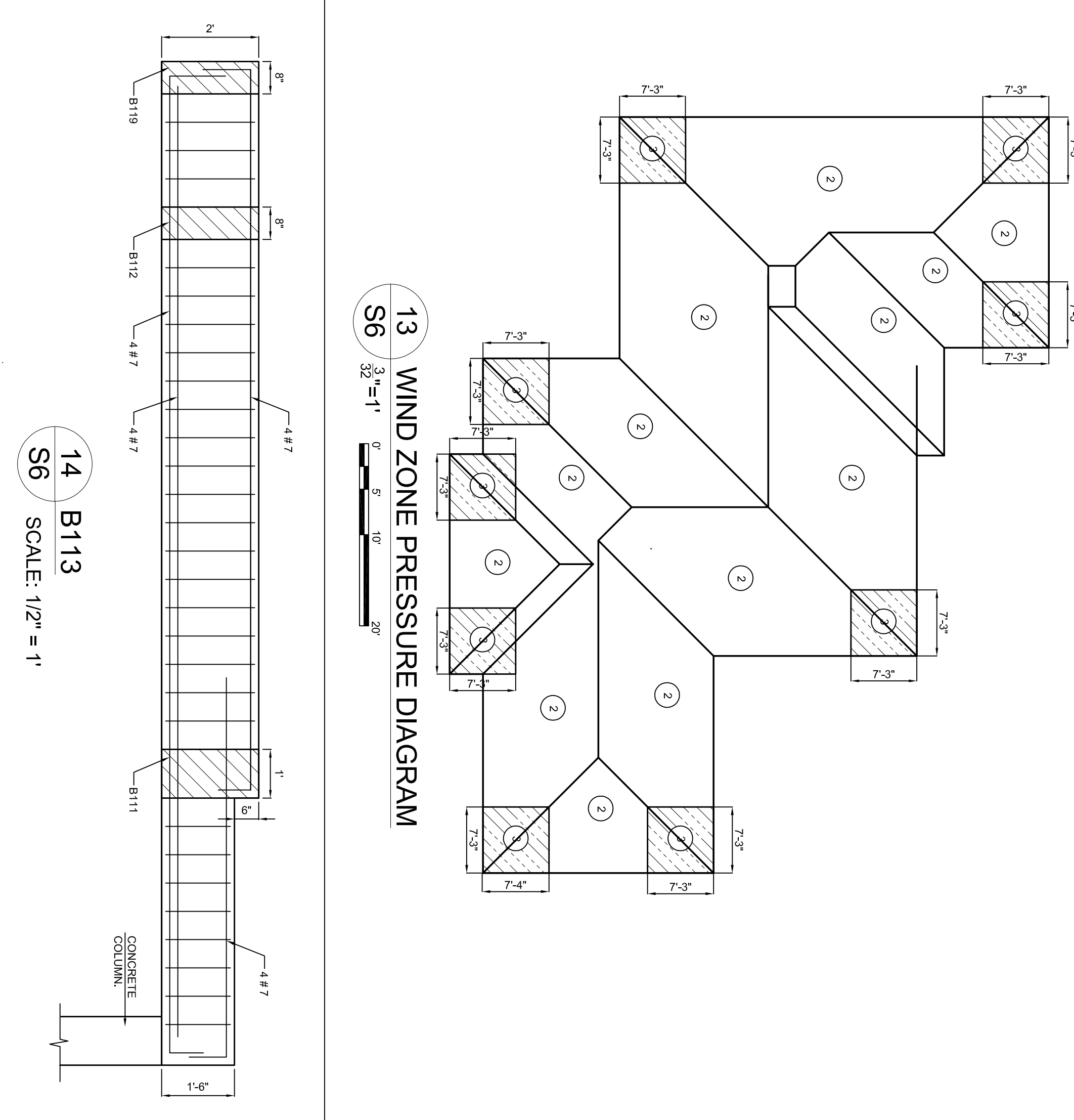
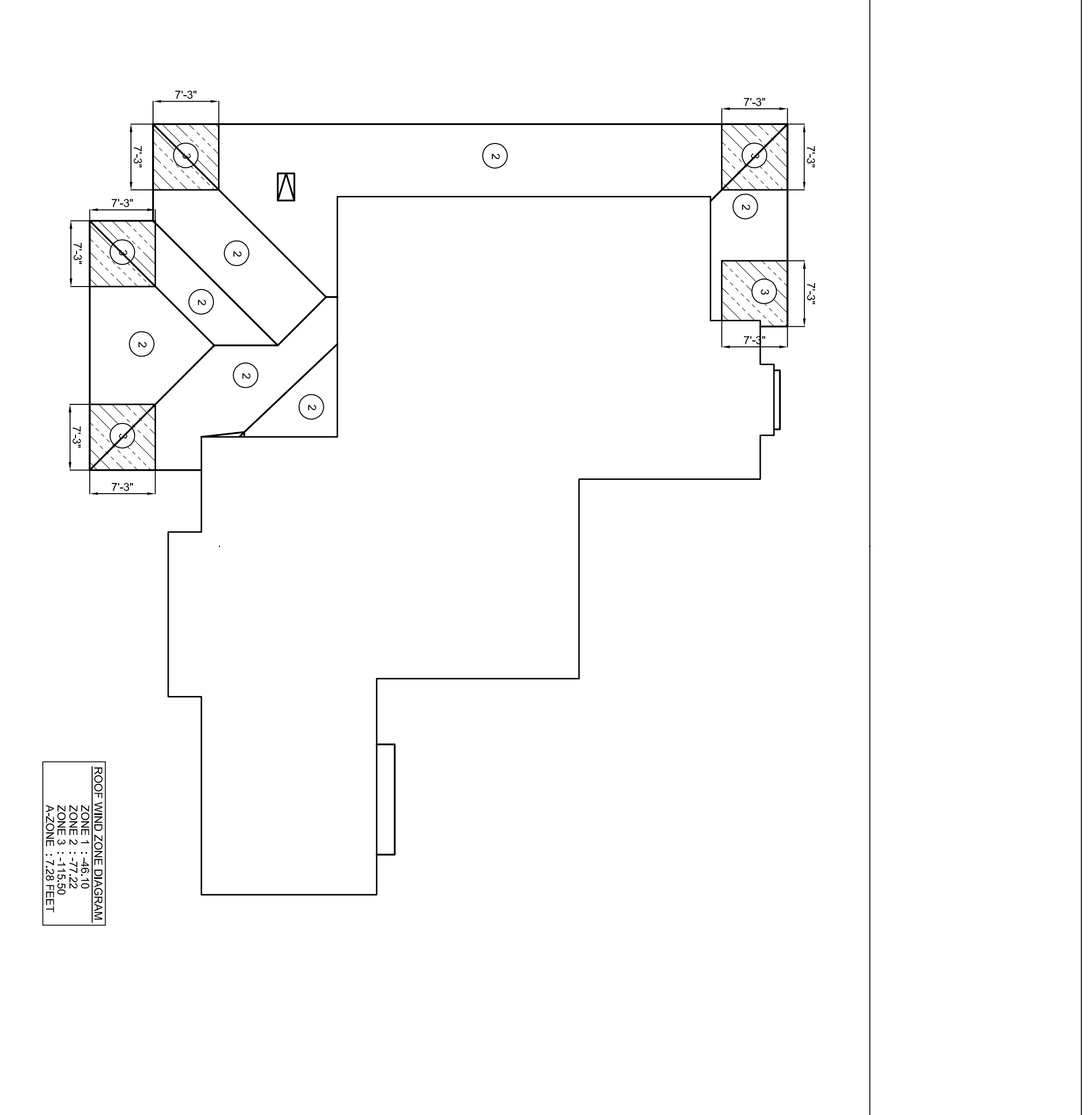
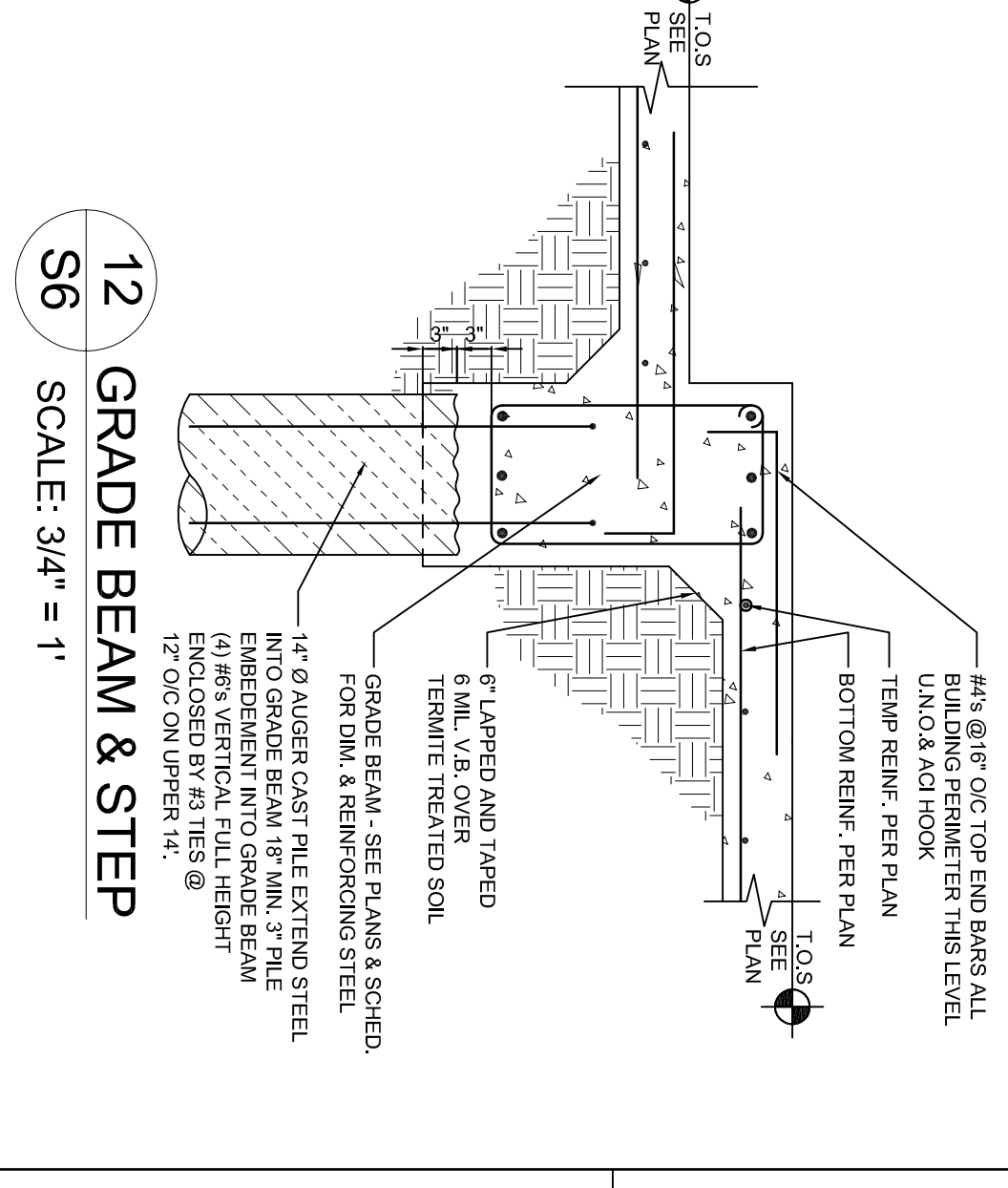
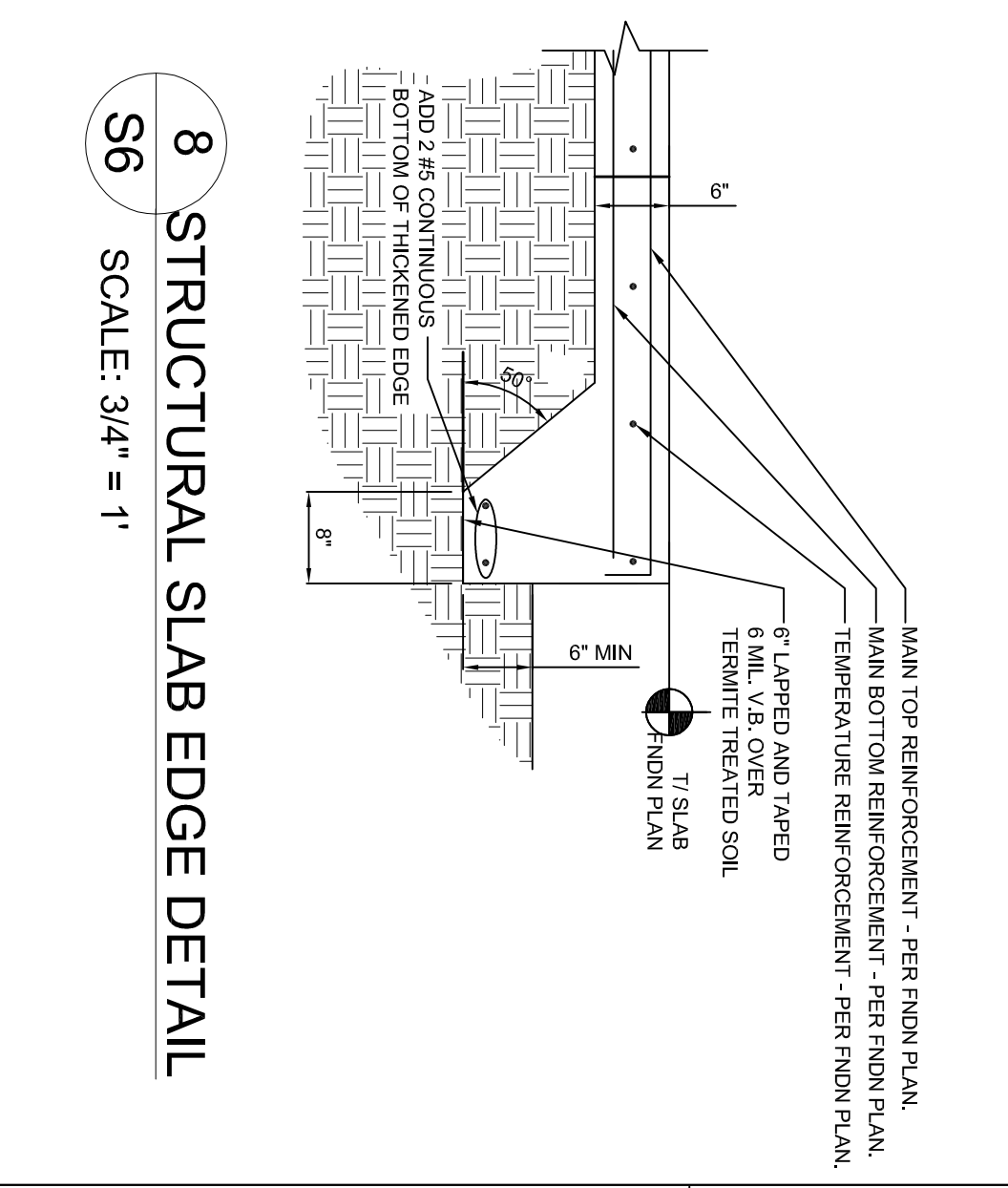
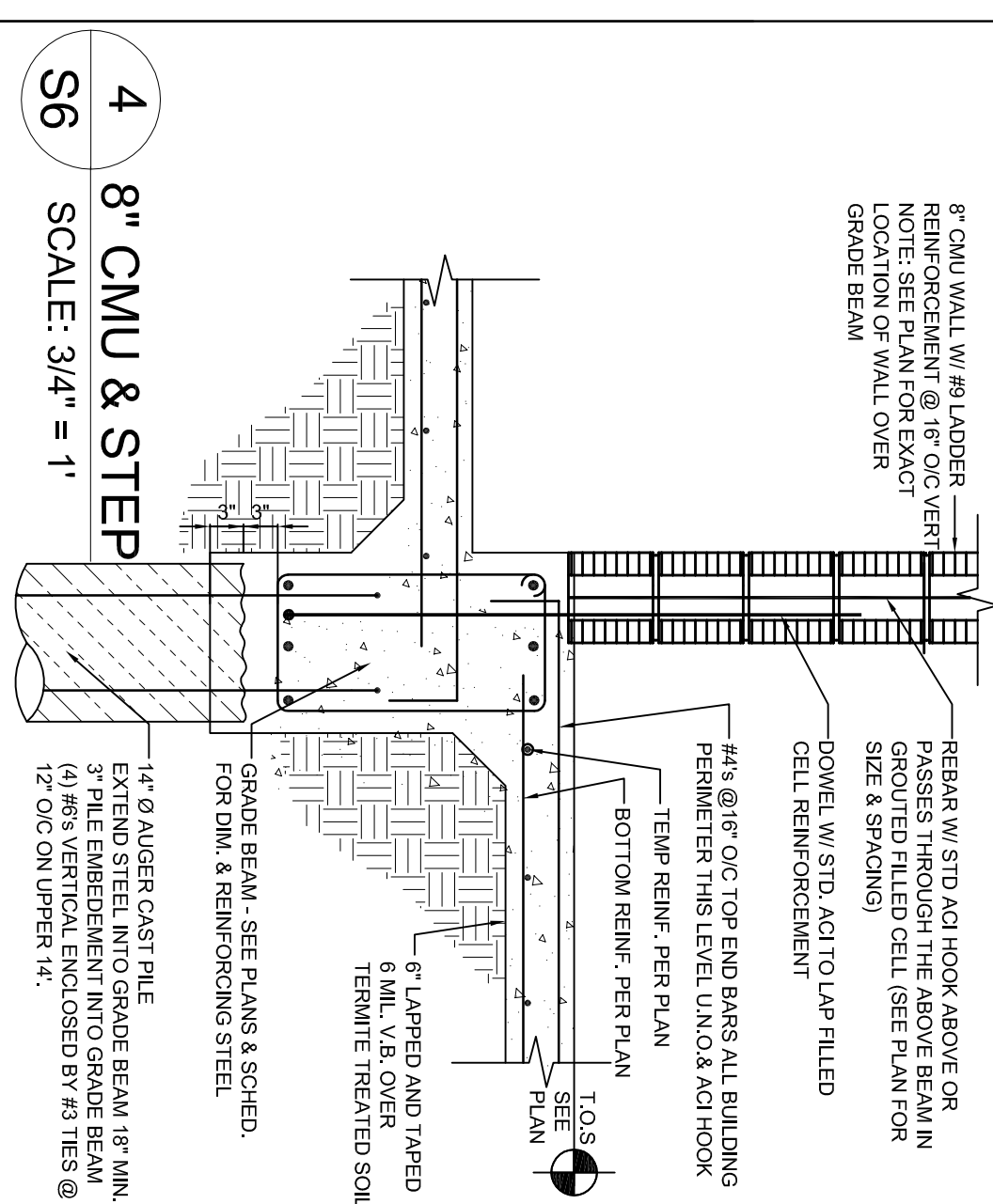
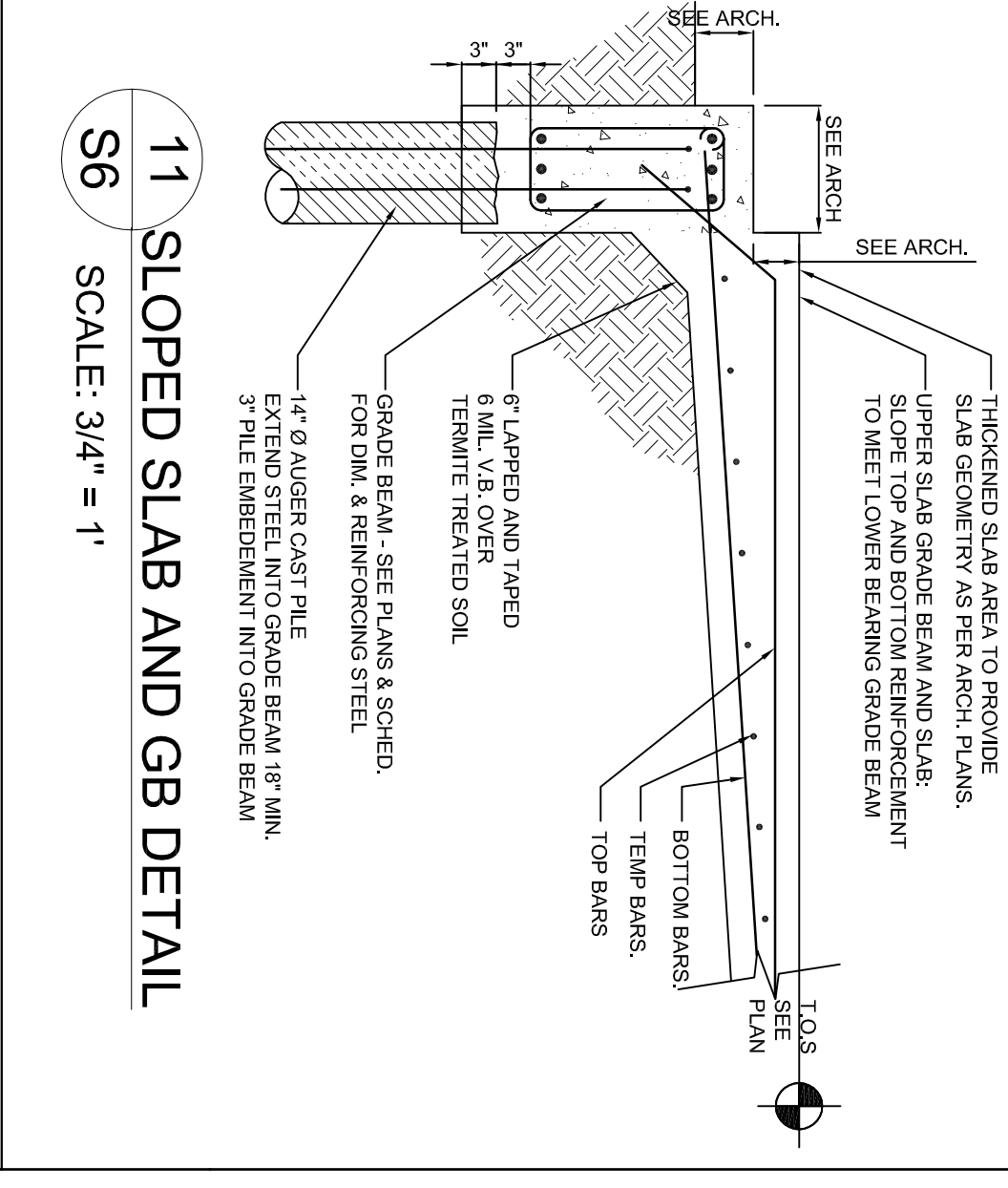
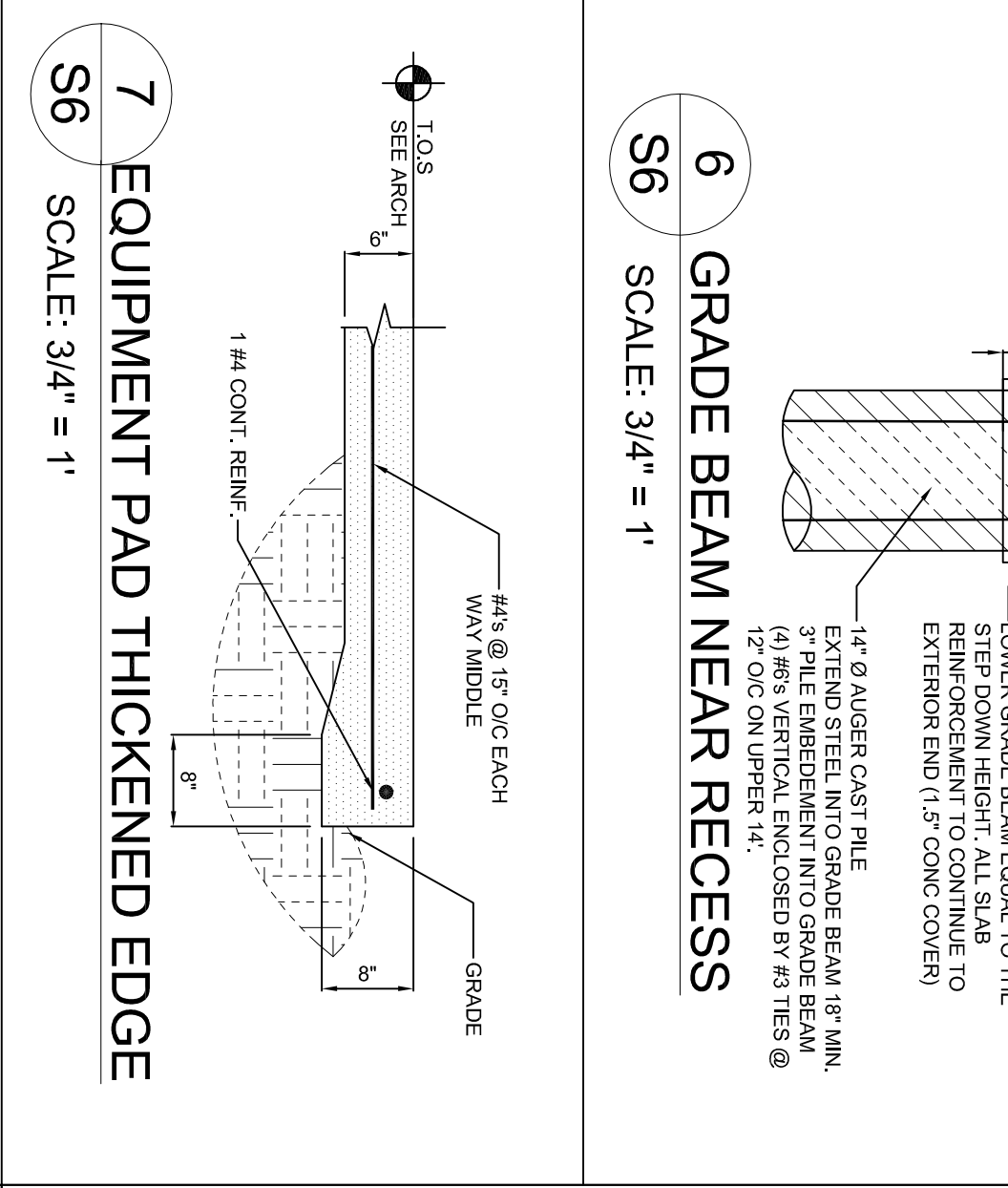
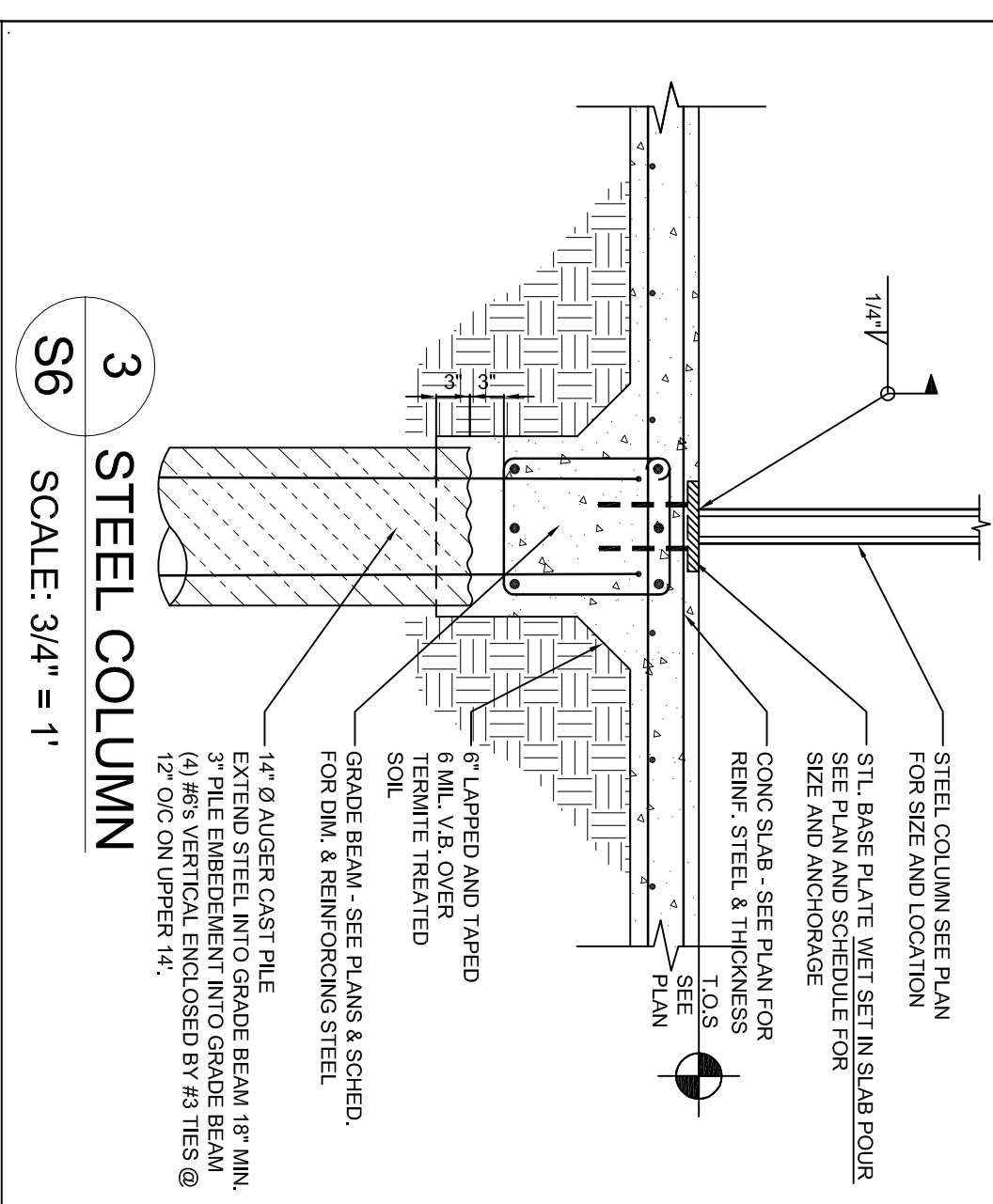
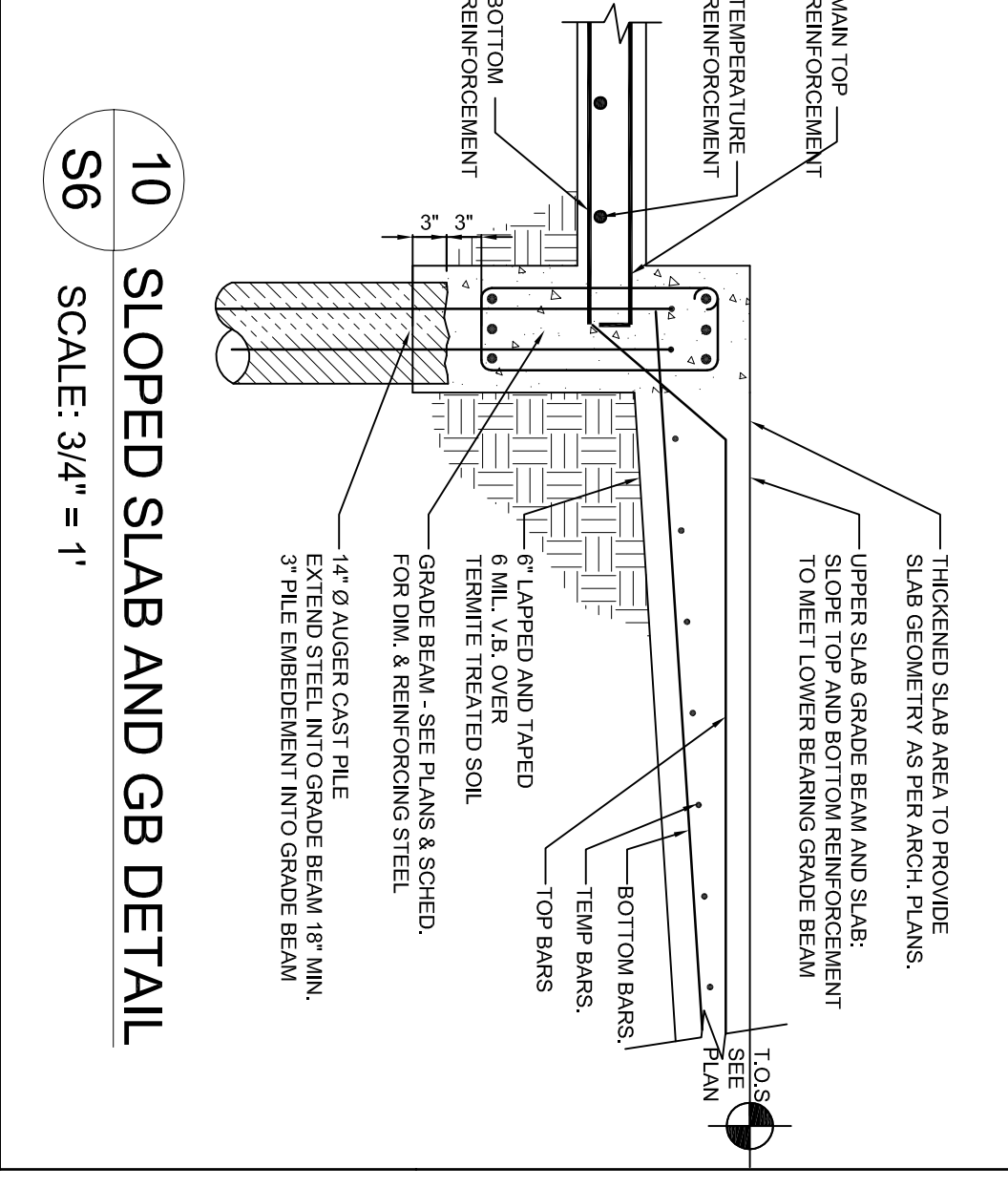
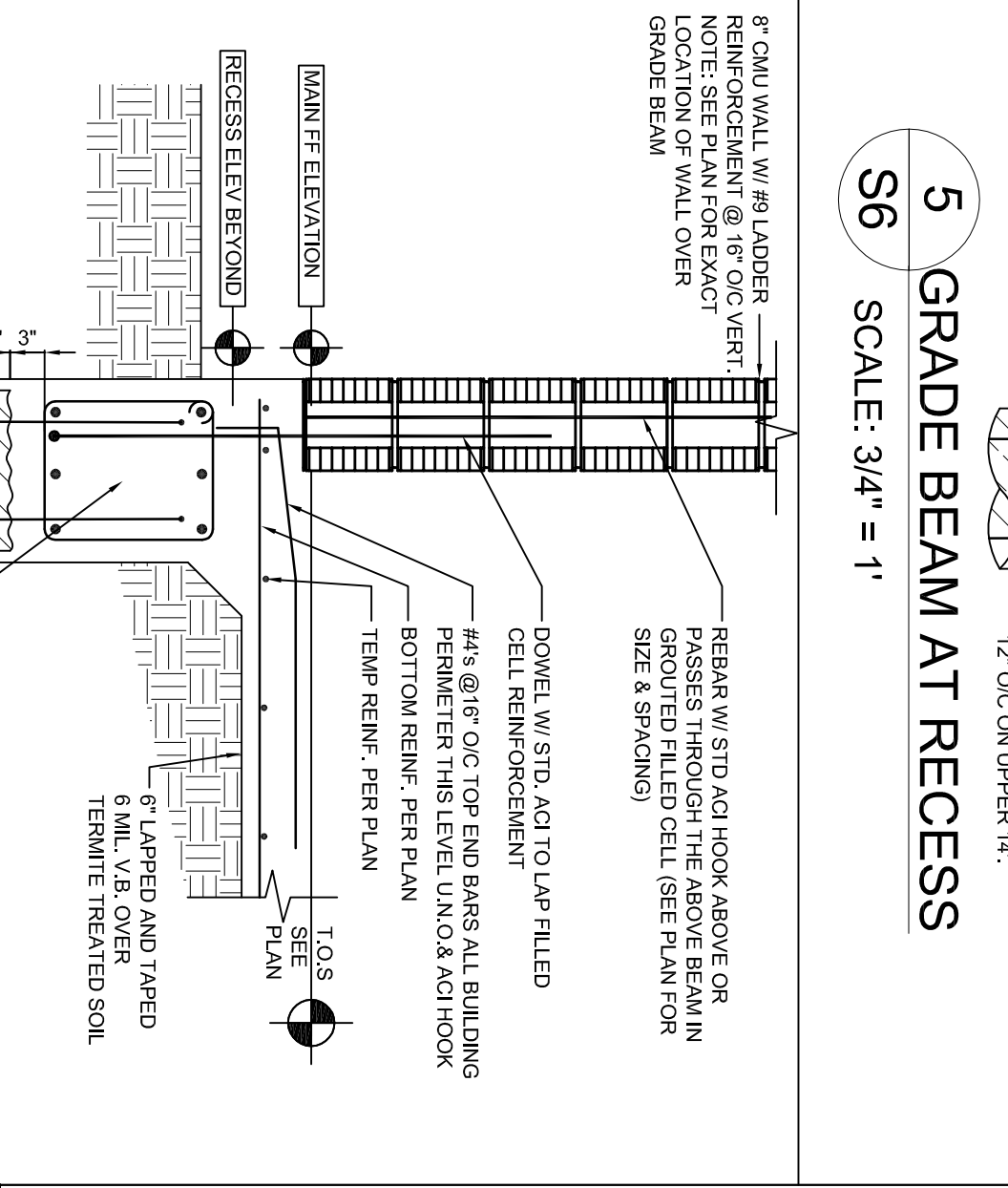
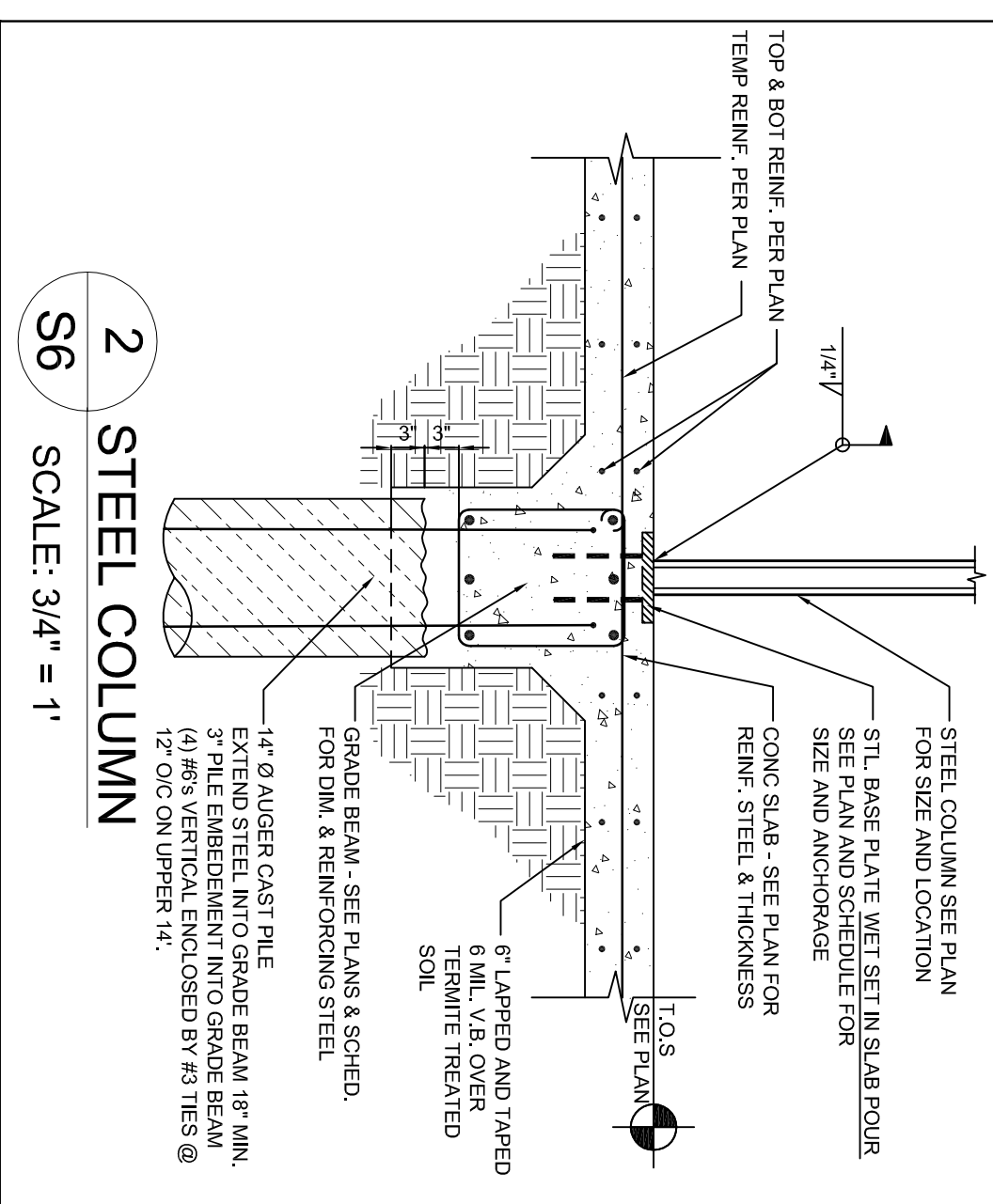
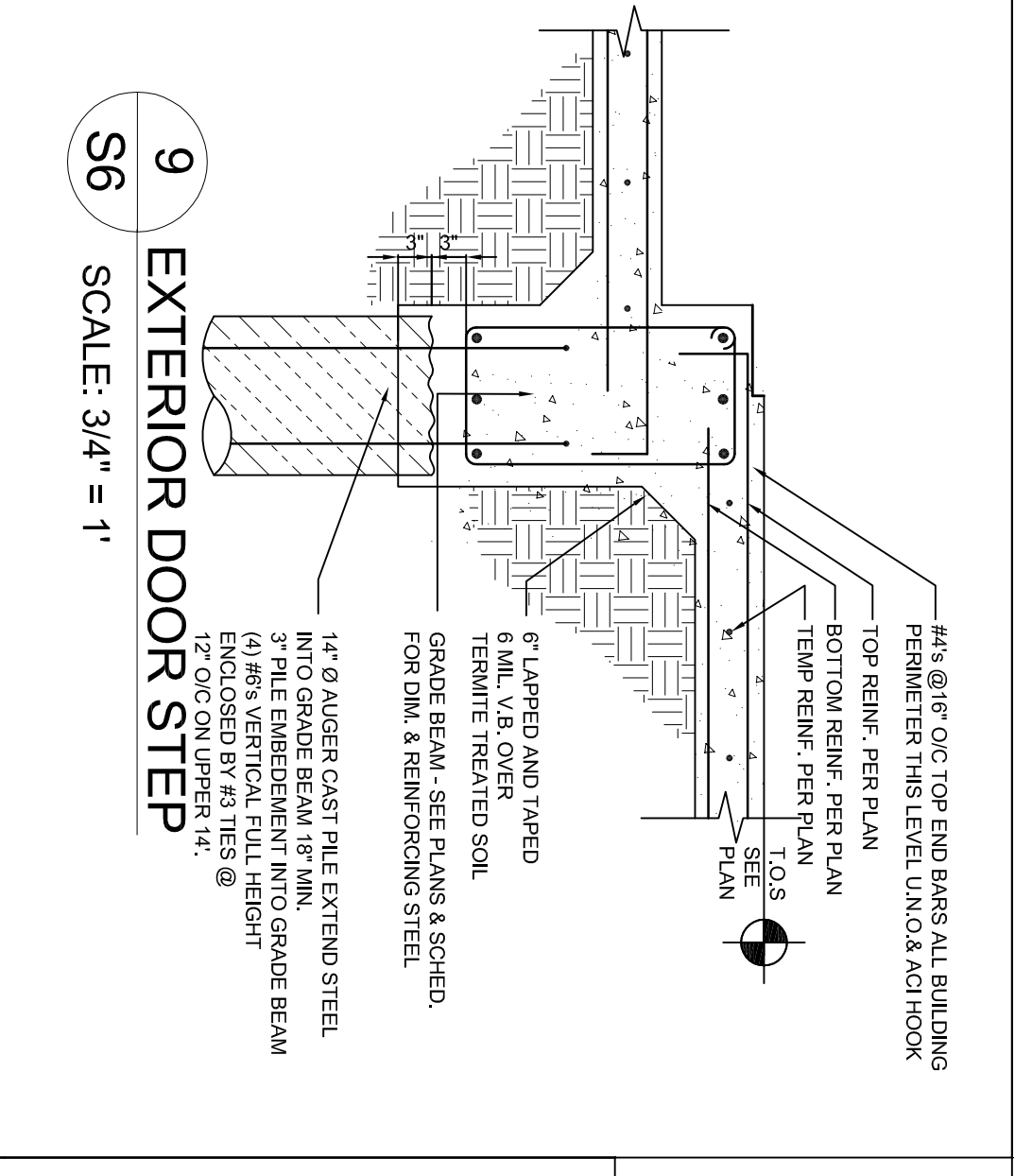
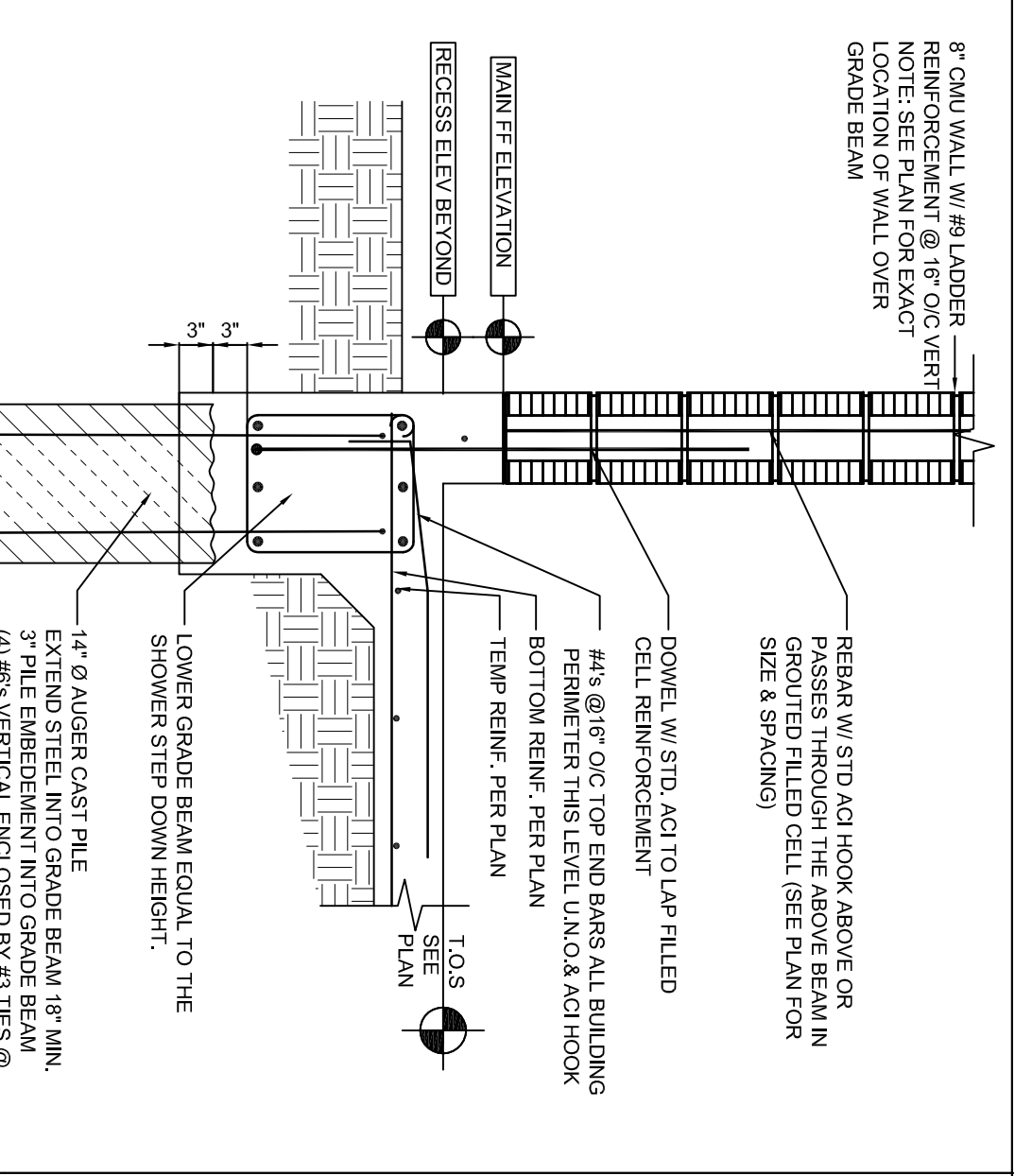
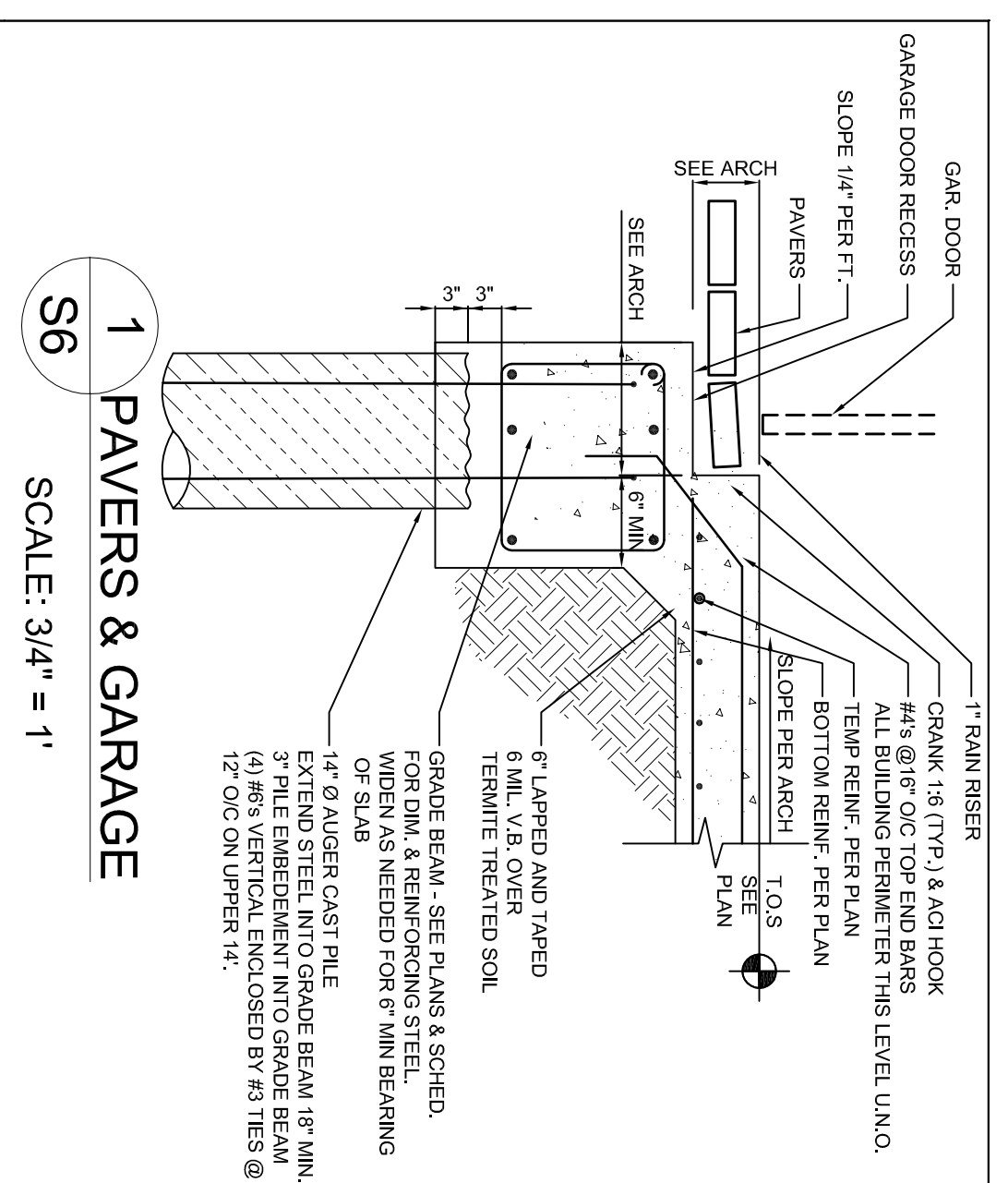
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S5

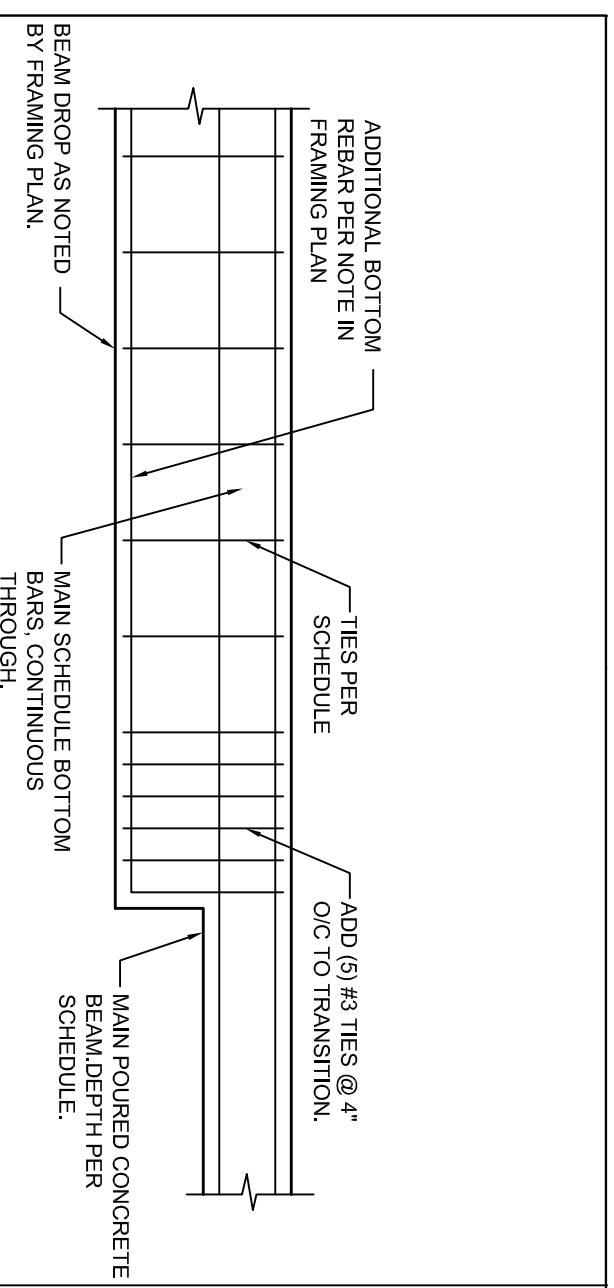


#	DESCRIPTION	DATE

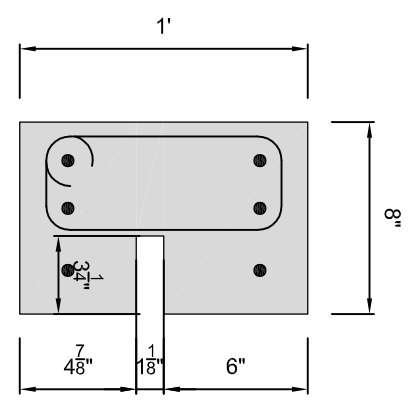
CLASSIC FLOOR SYSTEM

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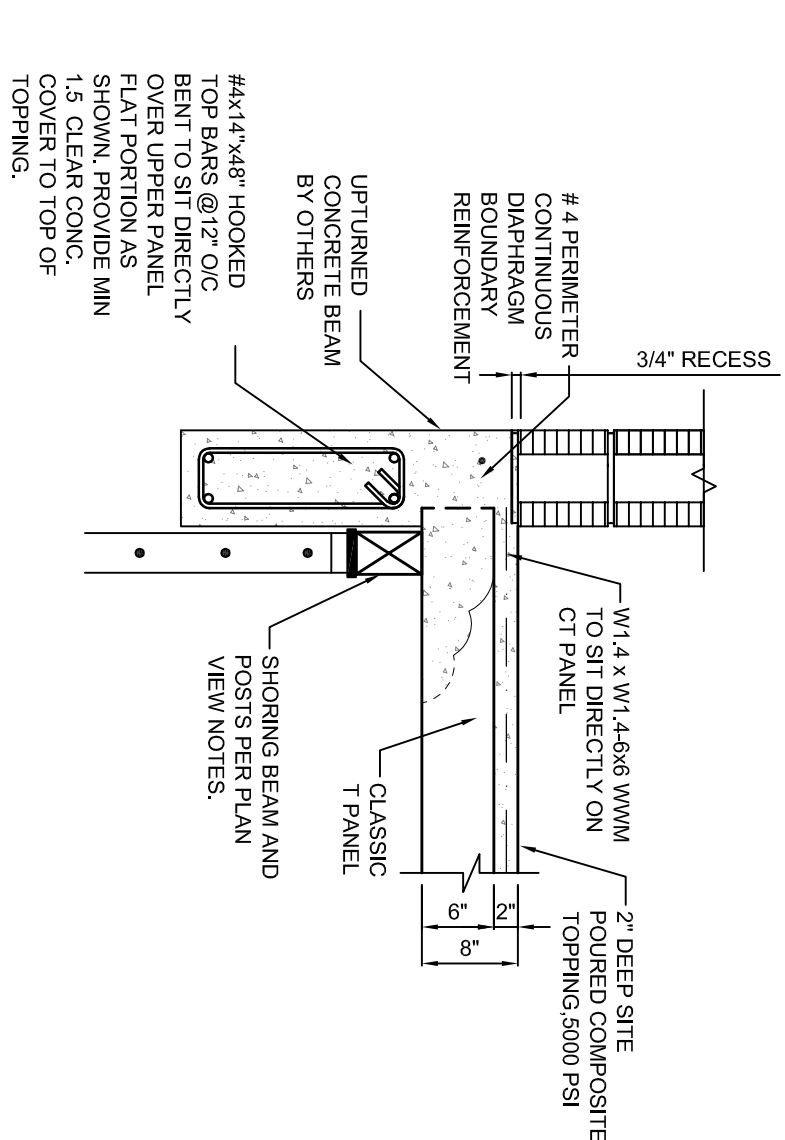
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 OF 10



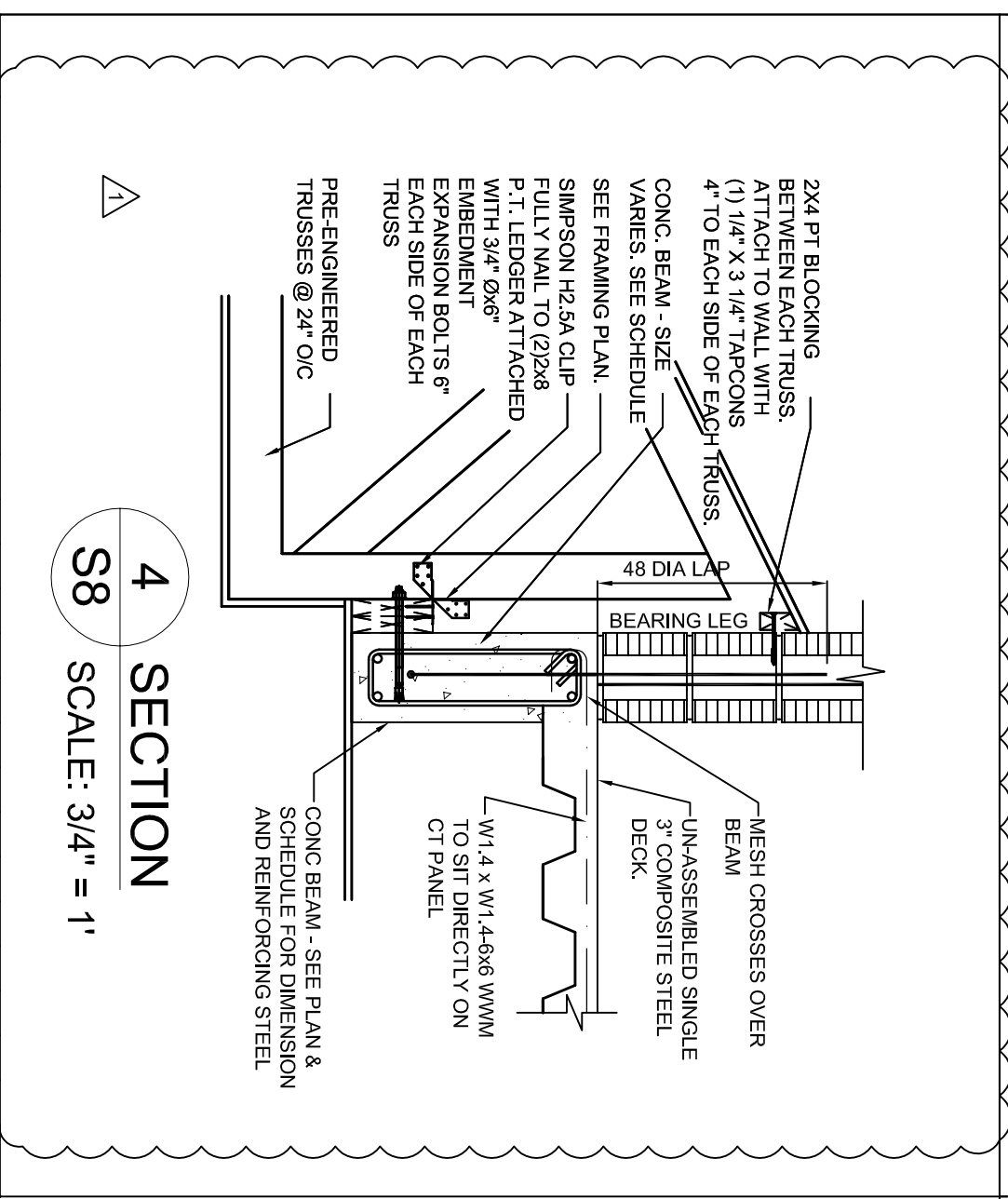
1 BEAM DROP ADDITIONAL REINFORCEMENT.
S8 SCALE: 1/2" = 1'



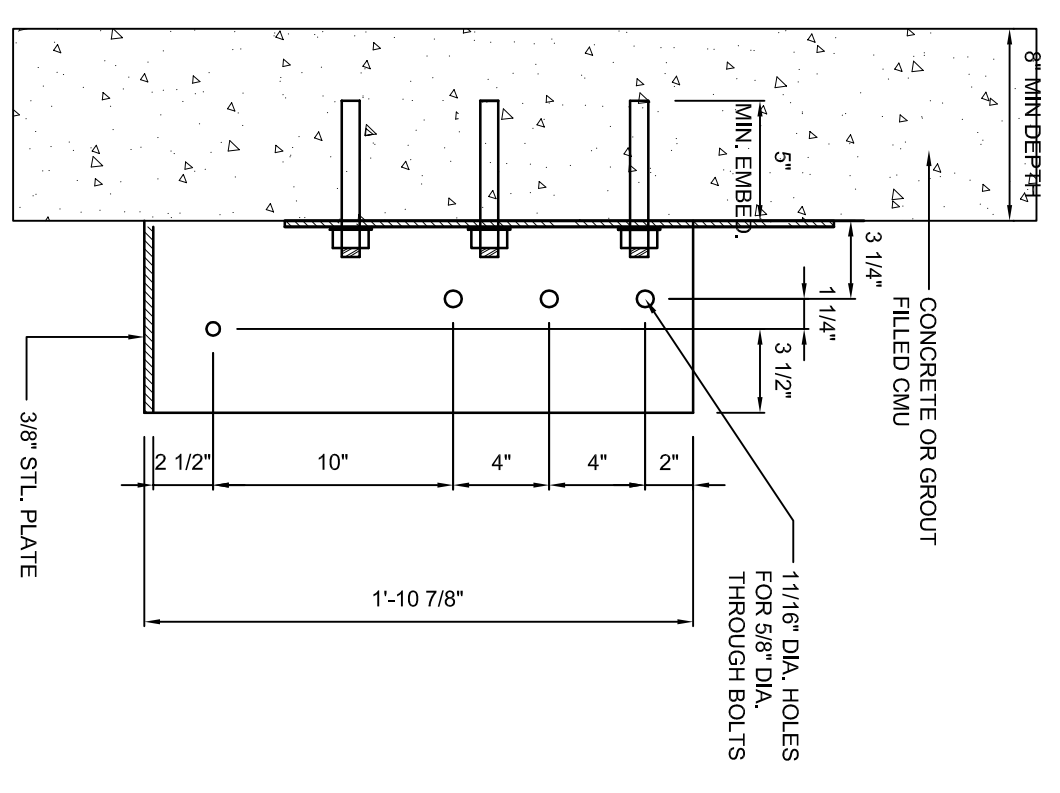
2 SECTION
S8 SCALE: 1-1/2" = 1'



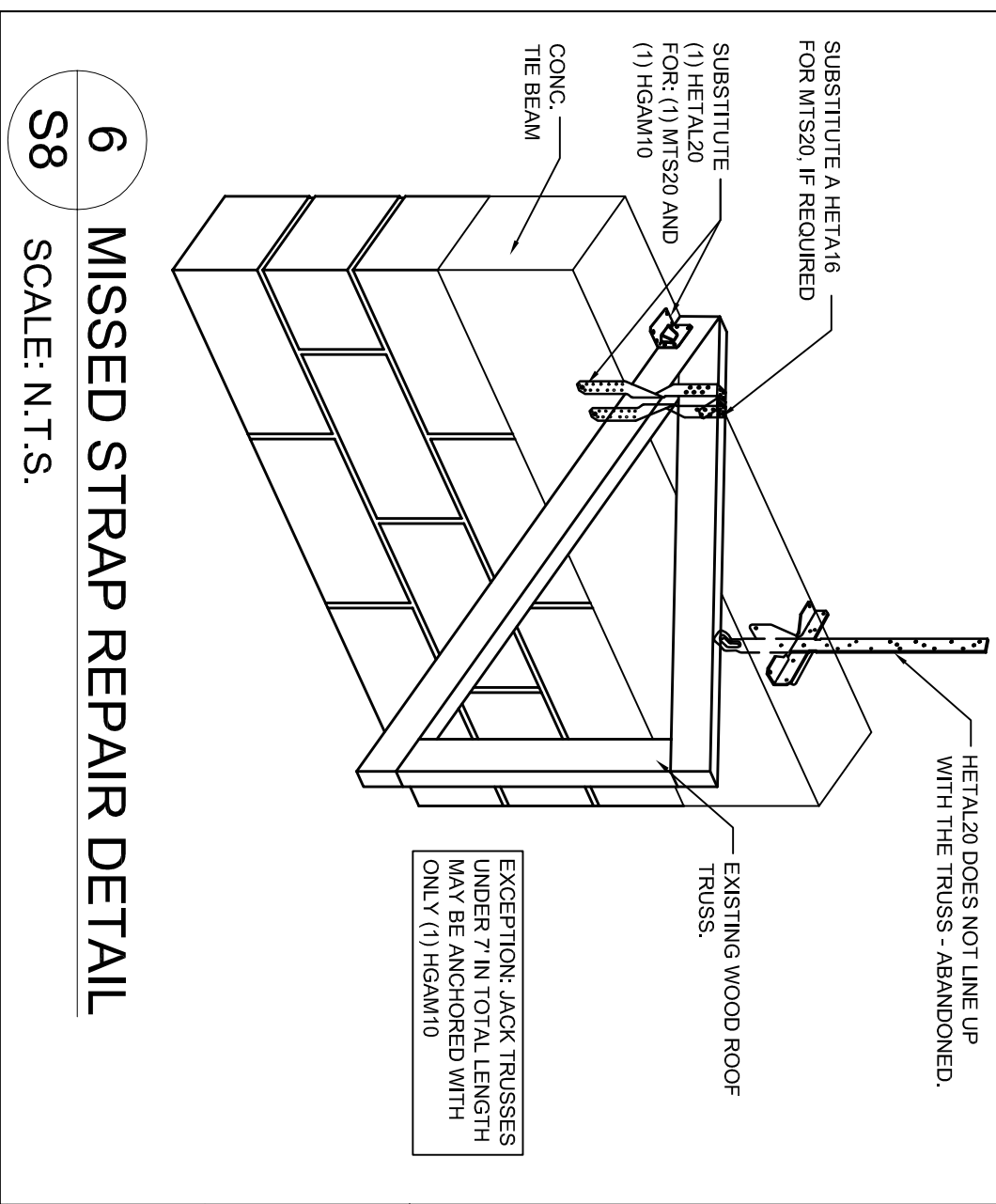
3 8\" CT - BEARING ON CMU
S8 SCALE: 3/4" = 1'



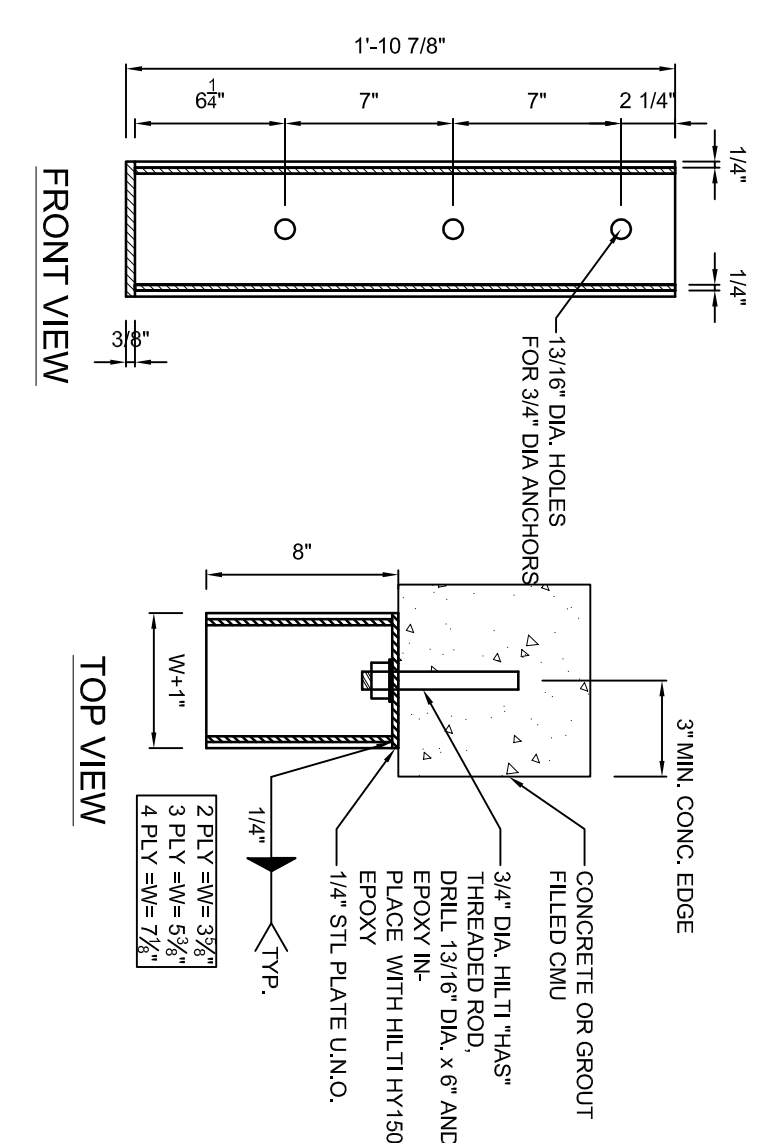
4 SECTION
S8 SCALE: 3/4" = 1'



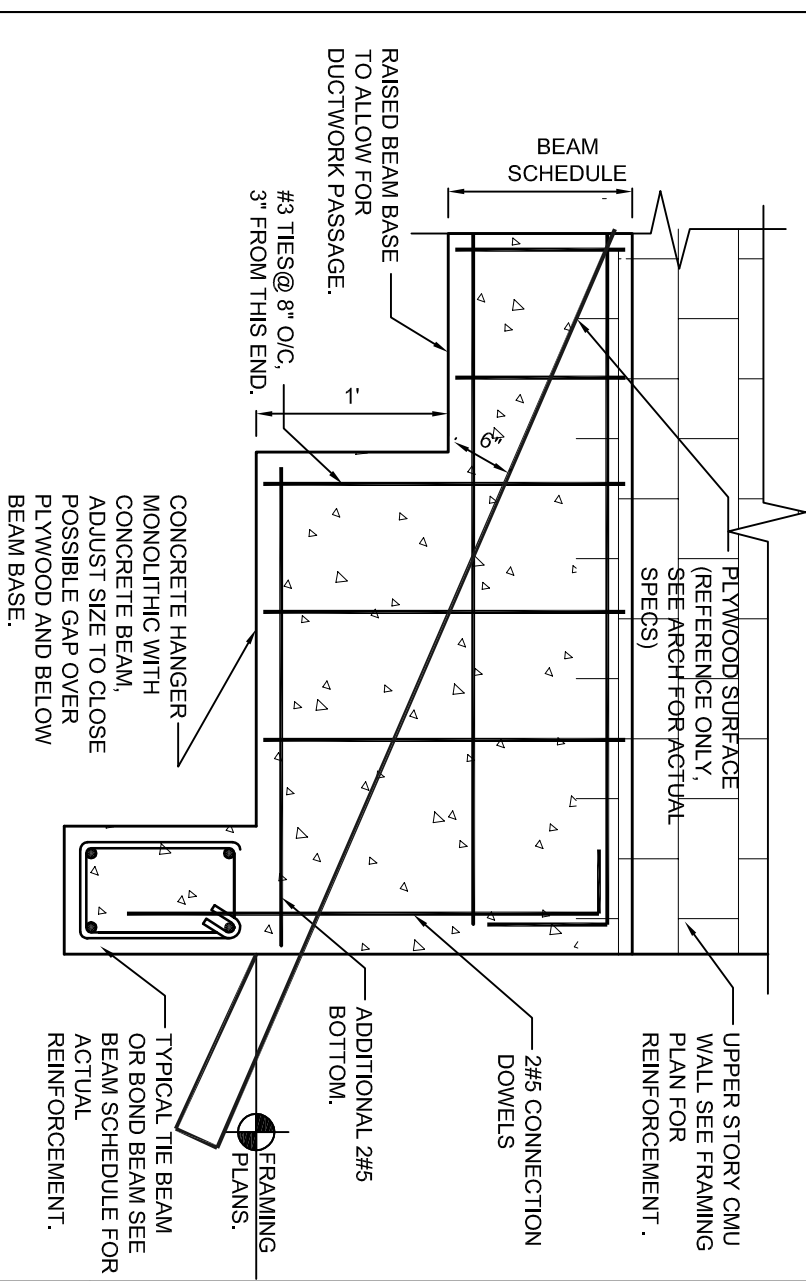
5 GIRDER BUCKET DETAIL
S8 SCALE: 1-1/2" = 1'



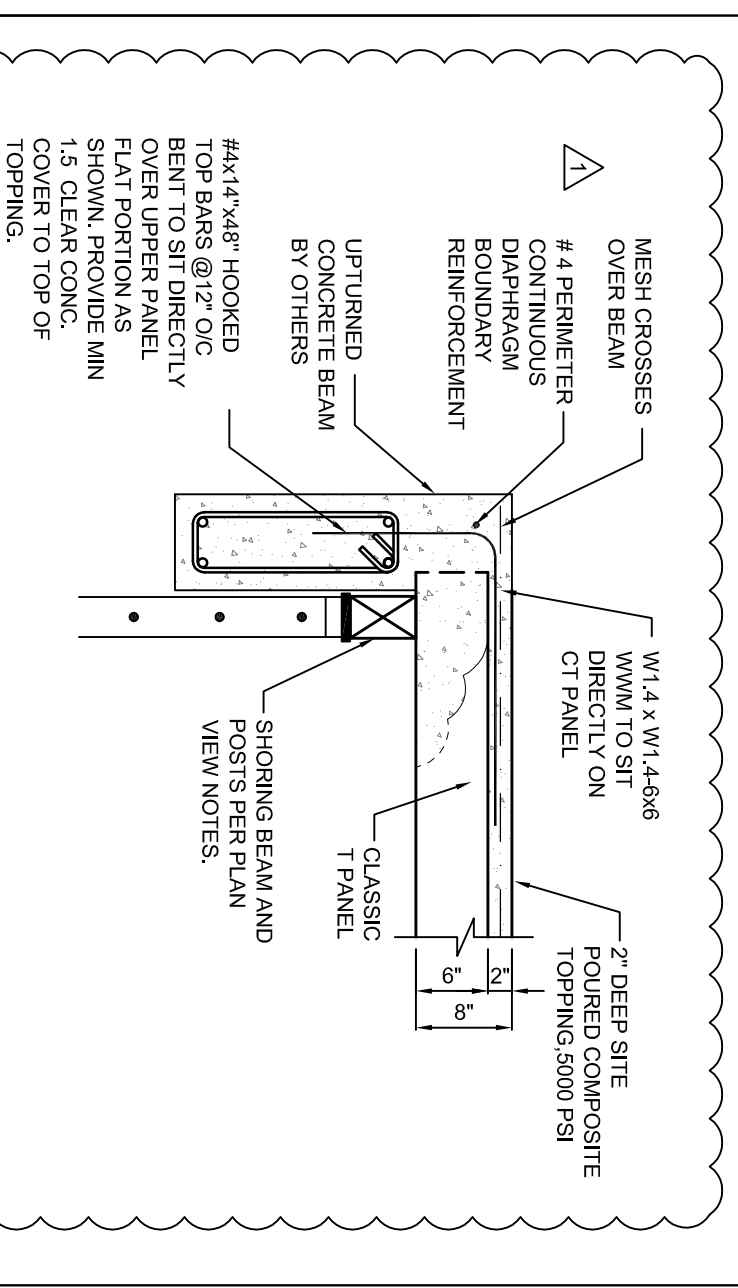
6 MISSED STRAP REPAIR DETAIL
S8 SCALE: N.T.S.



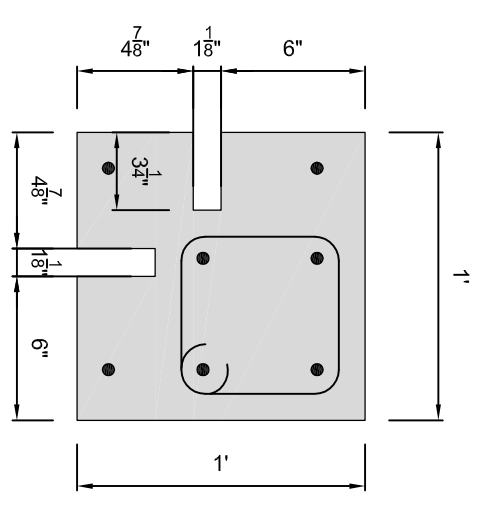
7 ECCENTRIC BASE PLATE
S8 SCALE: 1-1/2" = 1'



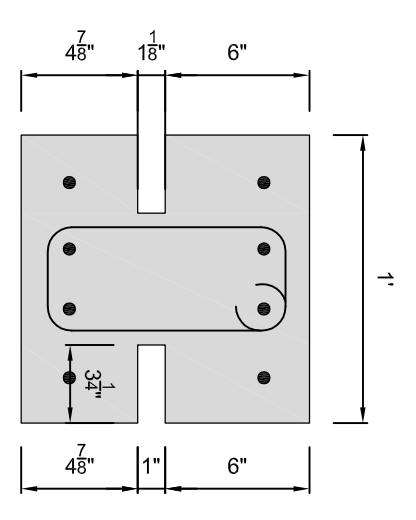
8 ROOF & UPPER FLOOR UPTURNED BEAM: LOW
S8 SCALE: 1" = 1'



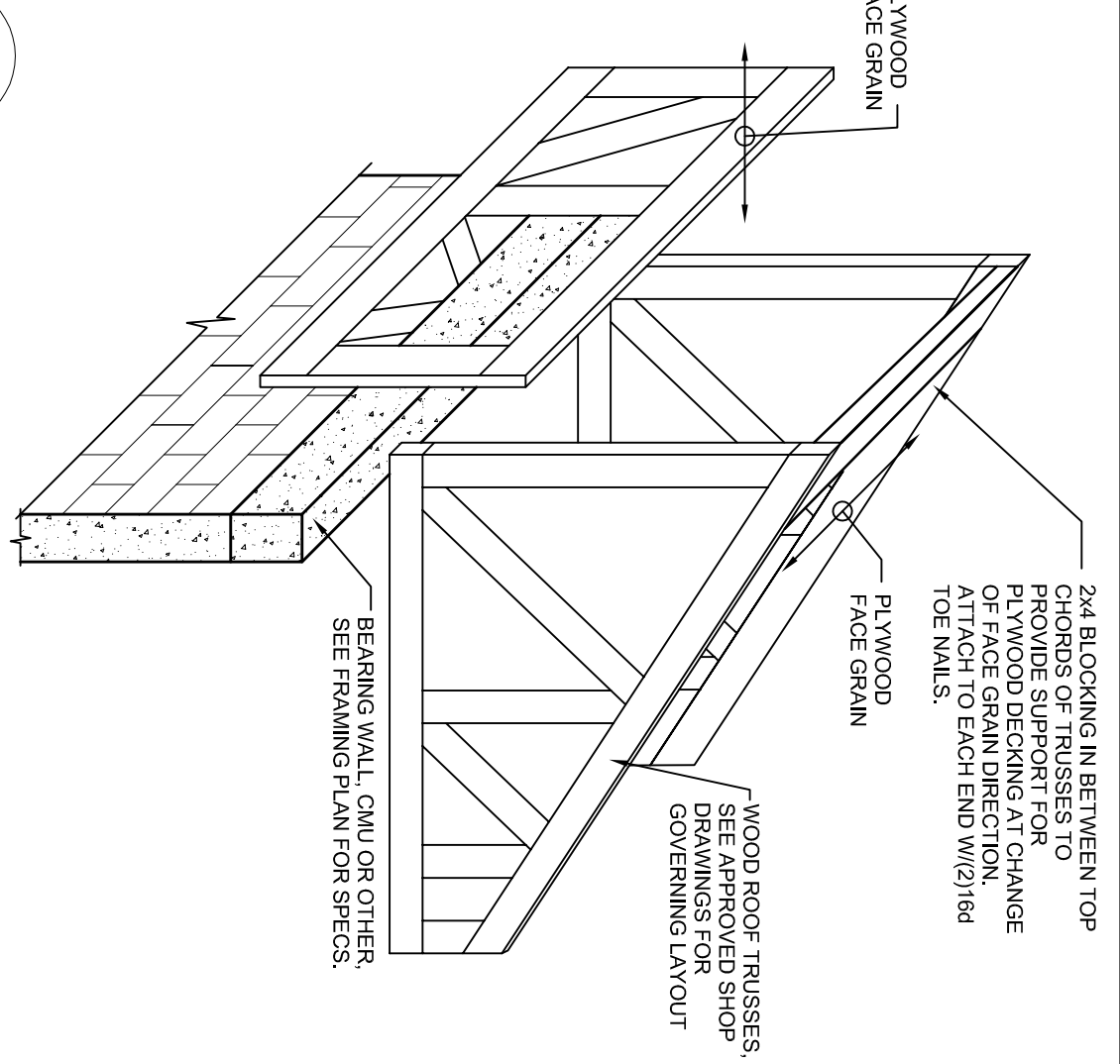
9 8\" CT - BEARING ON CMU
S8 SCALE: 3/4" = 1'



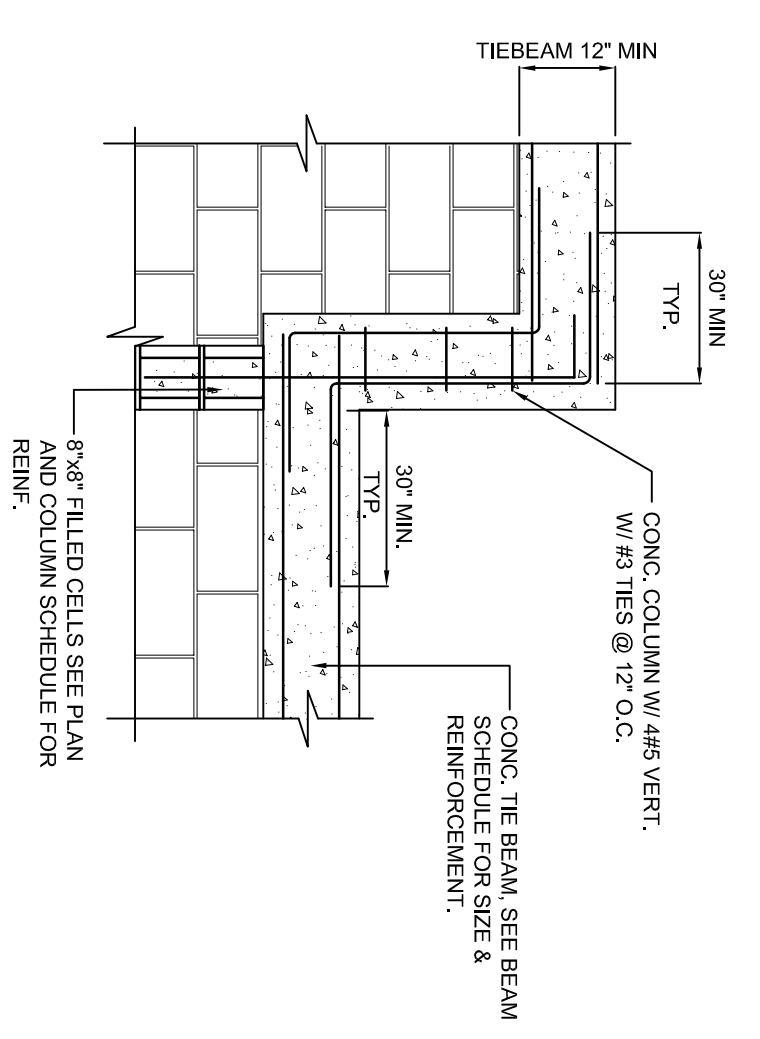
10 SECTION
S8 SCALE: 1-1/2" = 1'



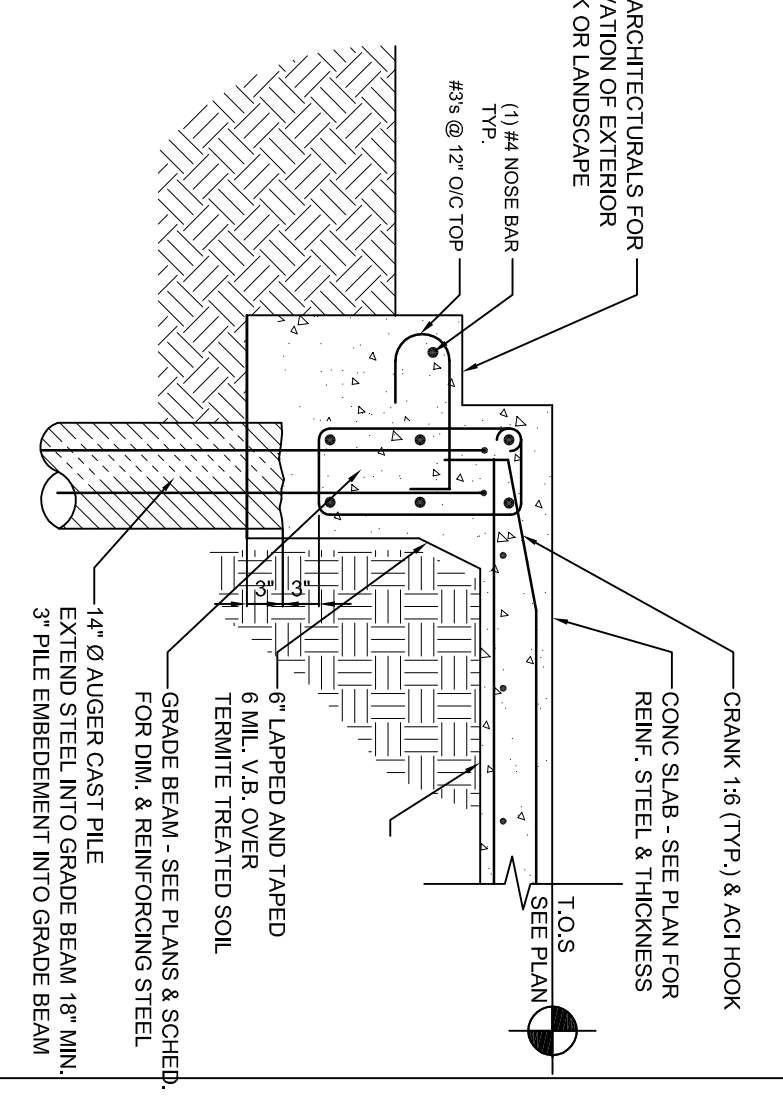
15 SECTION
S8 SCALE: 1-1/2" = 1'



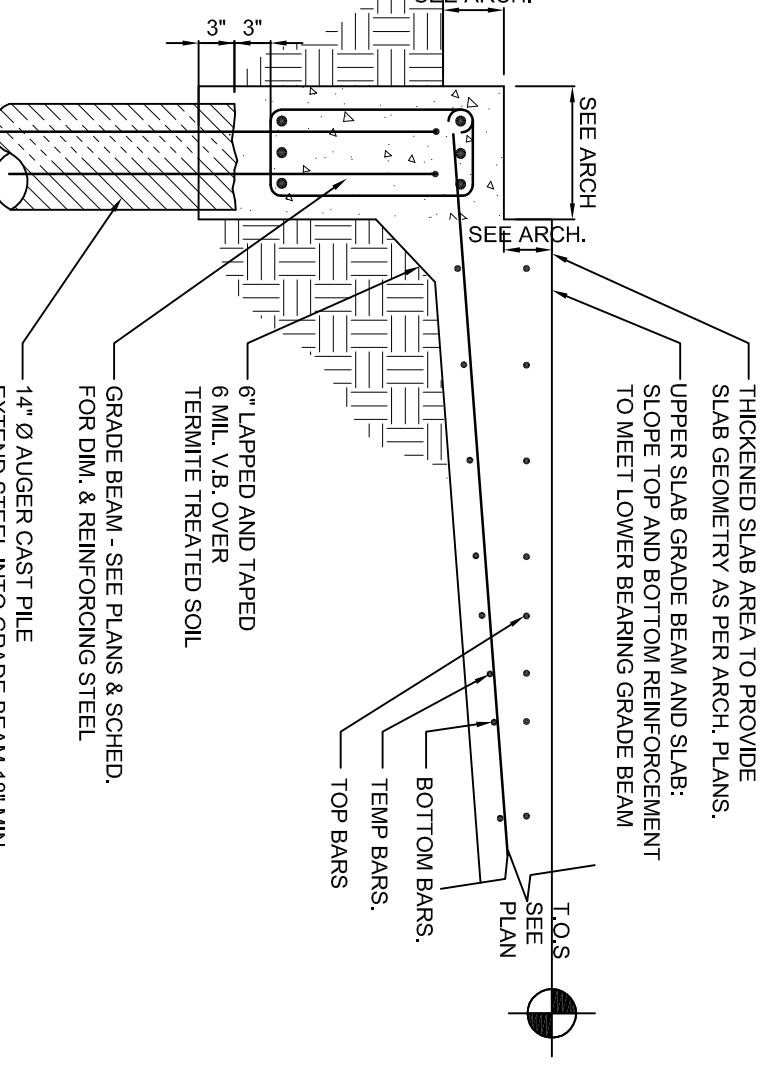
11 PLYWOOD SUPPORT BLOCKING
S8 SCALE: N.T.S.



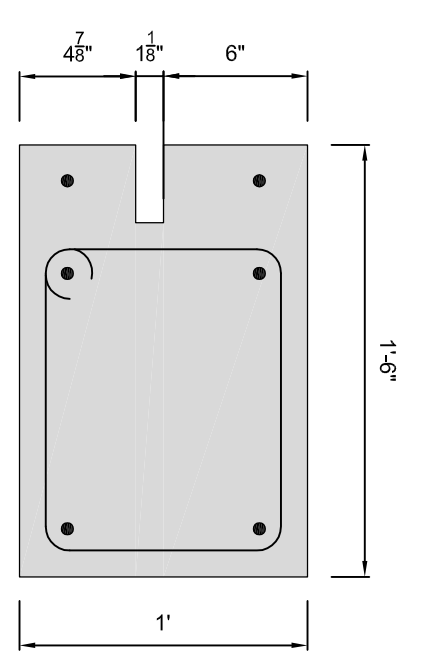
12 TYPICAL CHANGE IN THE BEAM HEIGHT
S8 SCALE: 1/2" = 1'



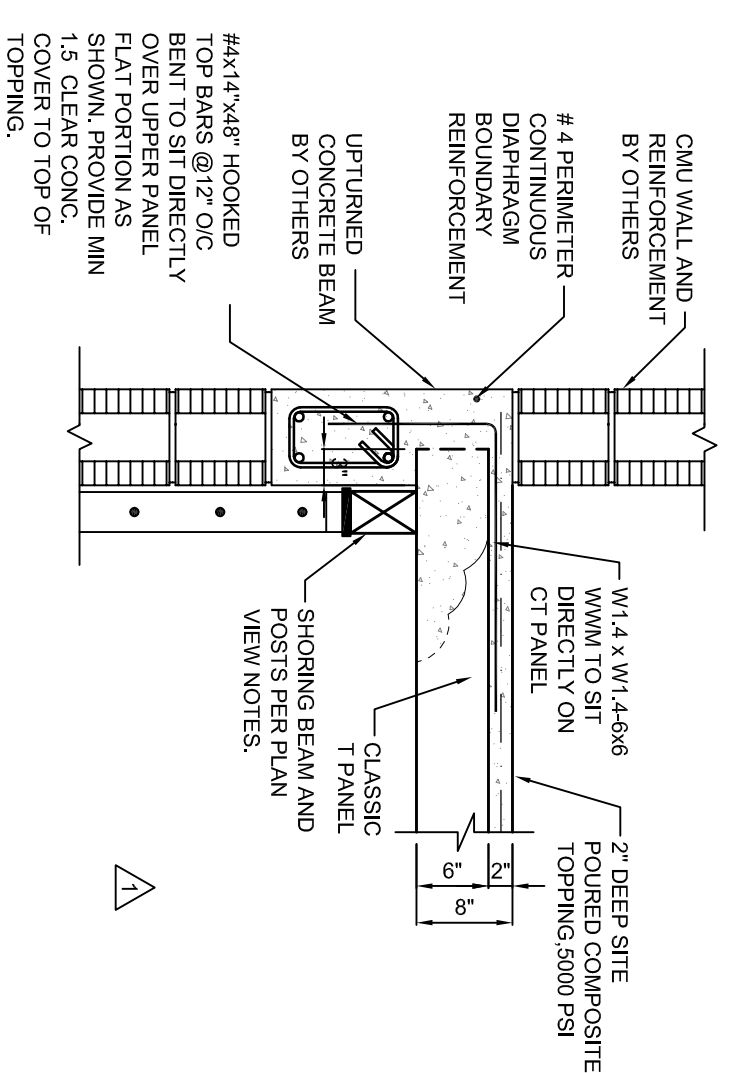
13 OUTDOOR STEPS
S8 SCALE: 3/4" = 1'



14 SLOPED SLAB AND GB DETAIL
S8 SCALE: 3/4" = 1'



17 SECTION
S8 SCALE: 1-1/2" = 1'



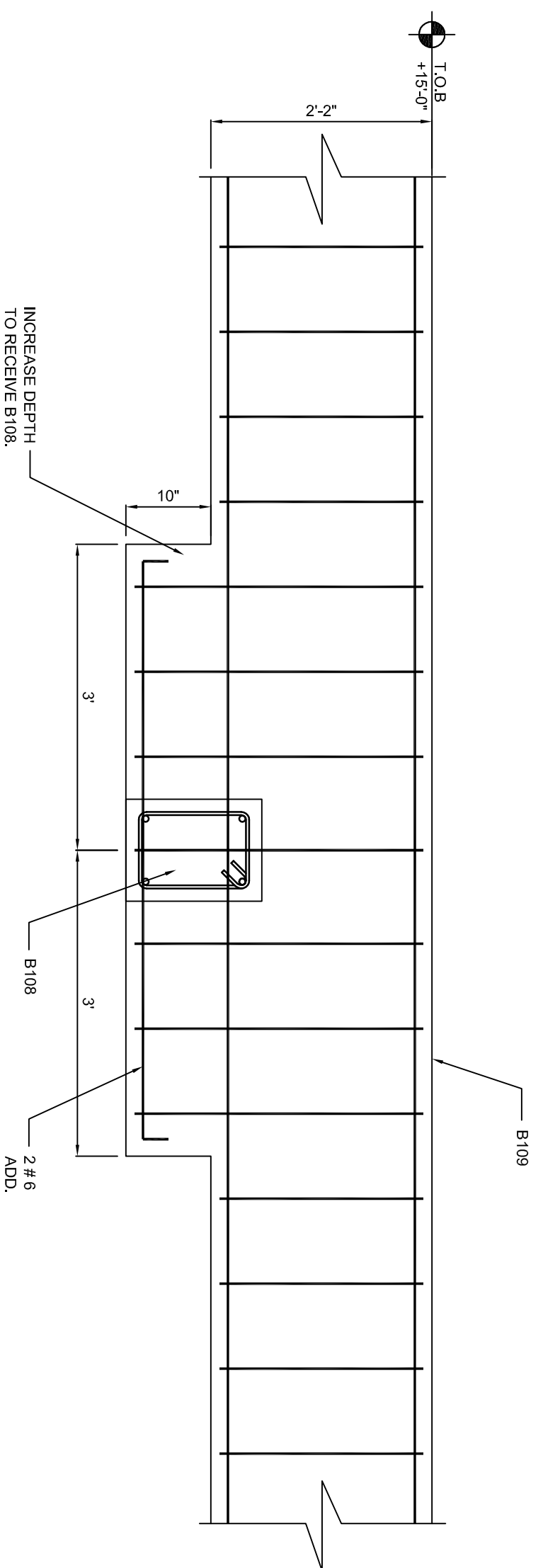
16 8\" CT - BEARING ON CMU
S8 SCALE: 3/4" = 1'

#	DESCRIPTION	DATE
1	CT FLOOR	27-07-18

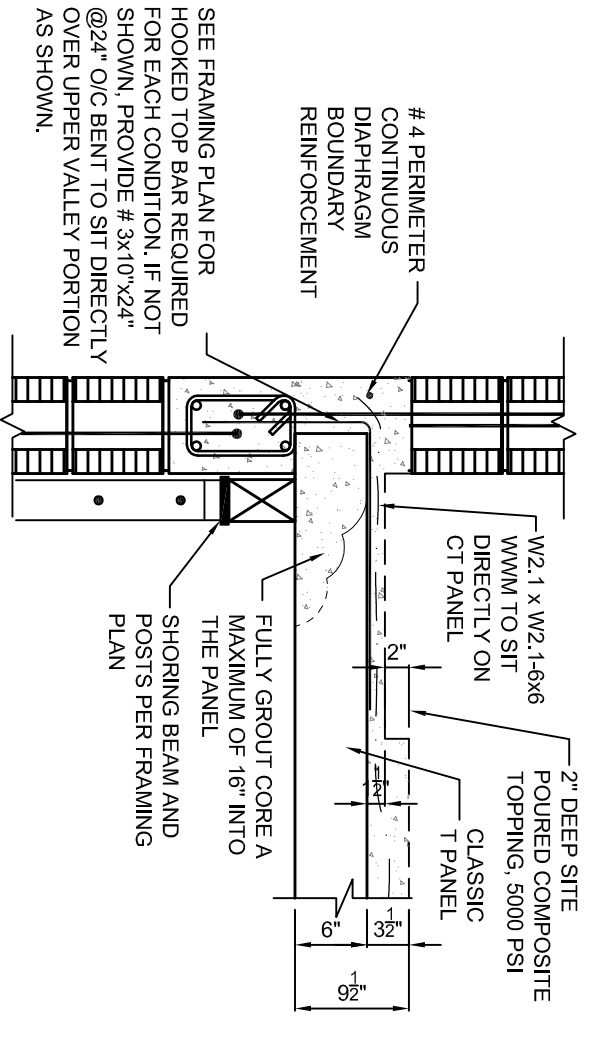


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JOB #: _____
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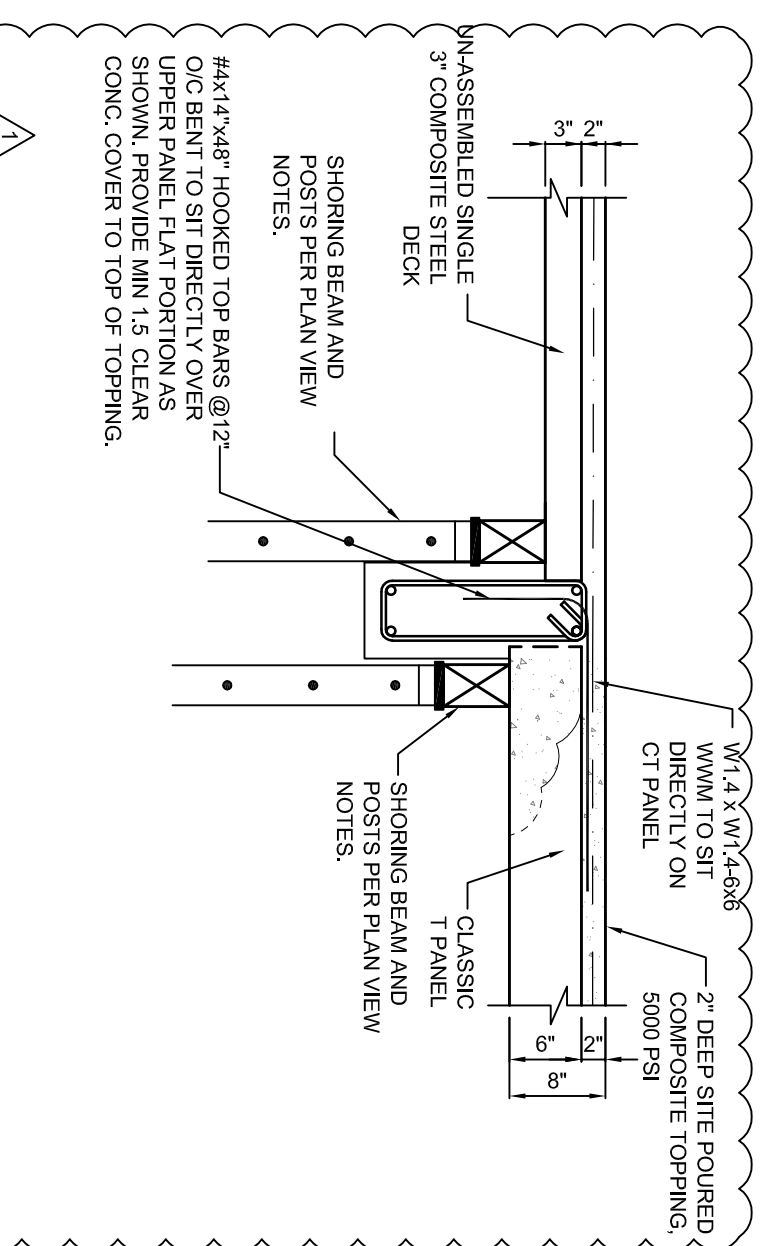
2 SECTION
SCALE: 3/4" = 1'



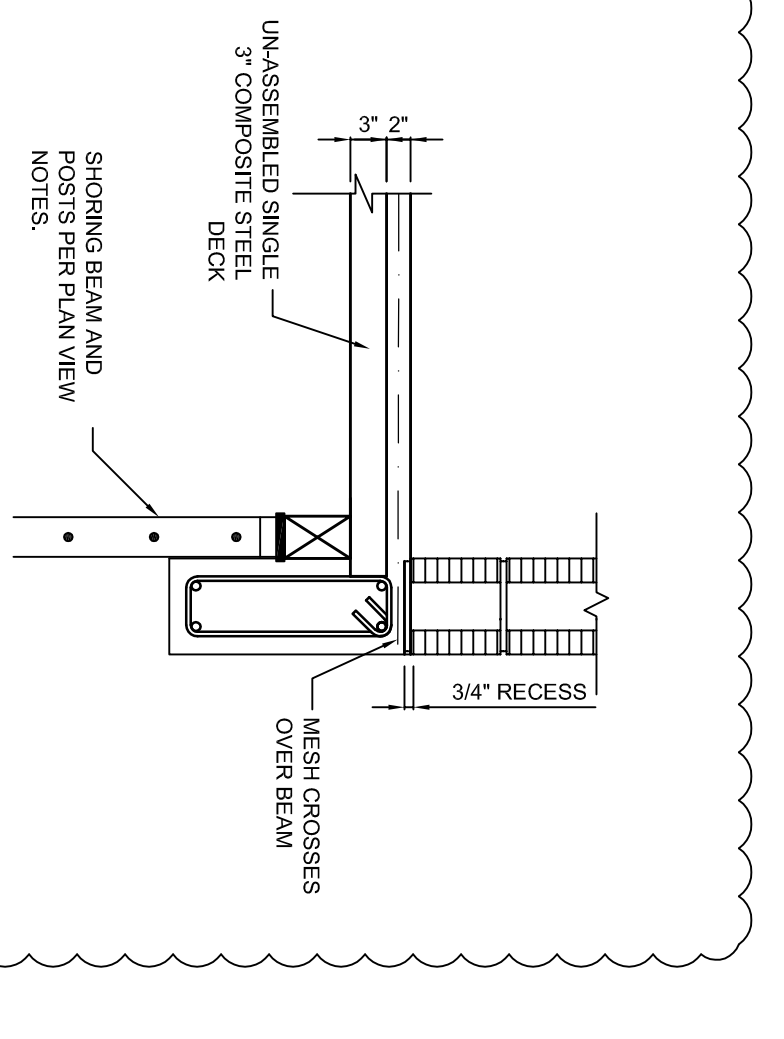
1 RECESS
SCALE: 3/4" = 1'

3 NOT USED
SCALE: 3/4" = 1'

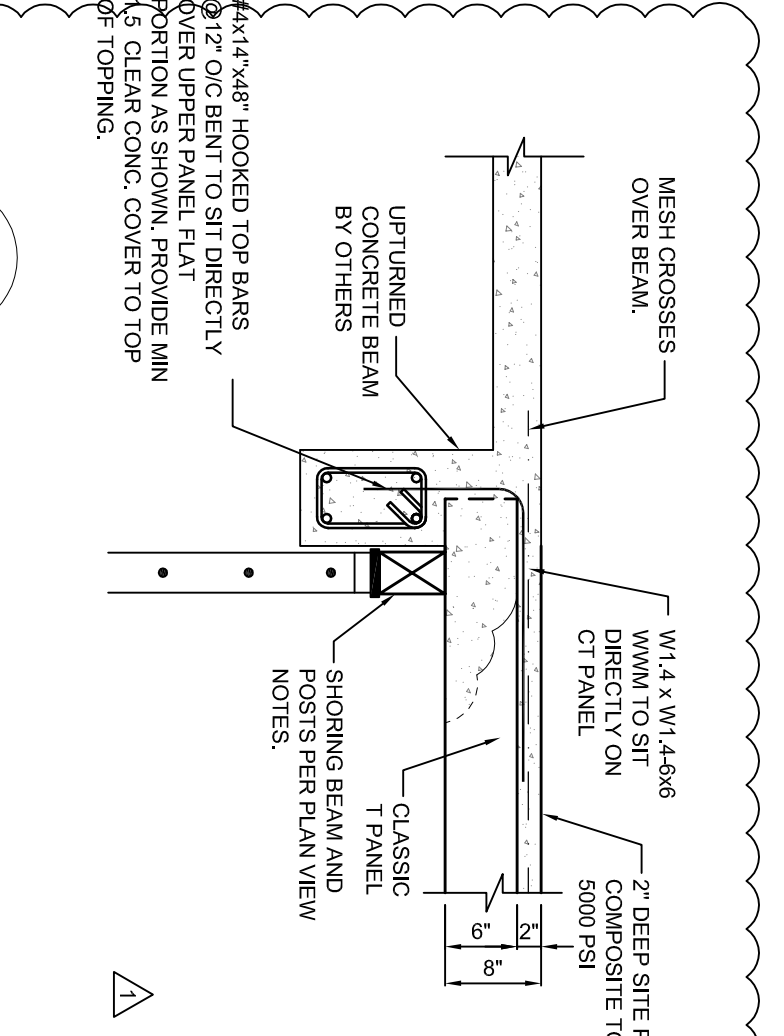
4 NOD USED
SCALE: 1" = 1'



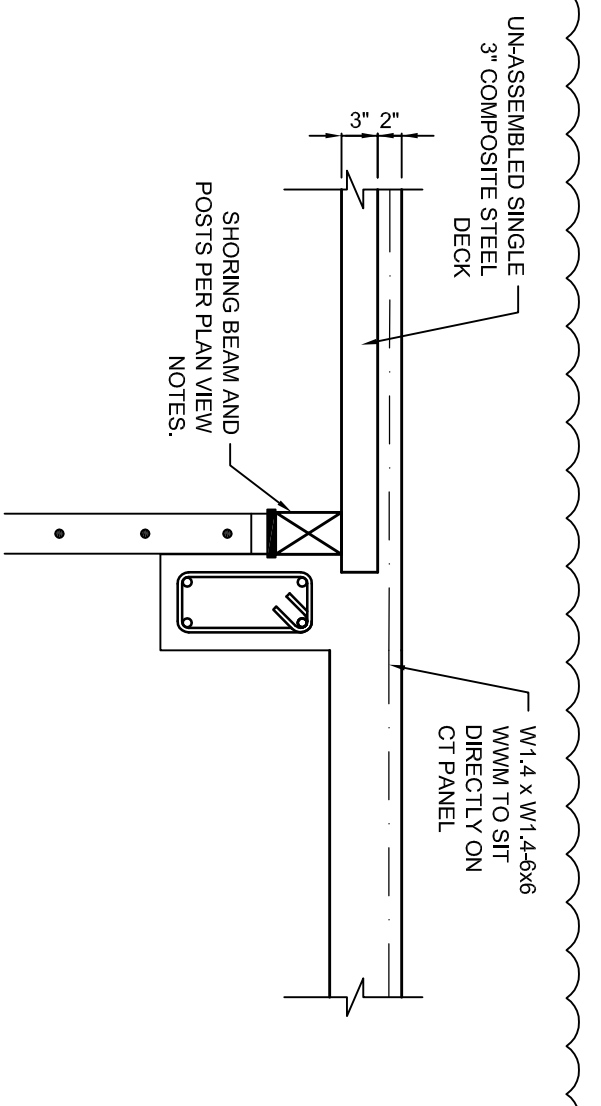
5 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



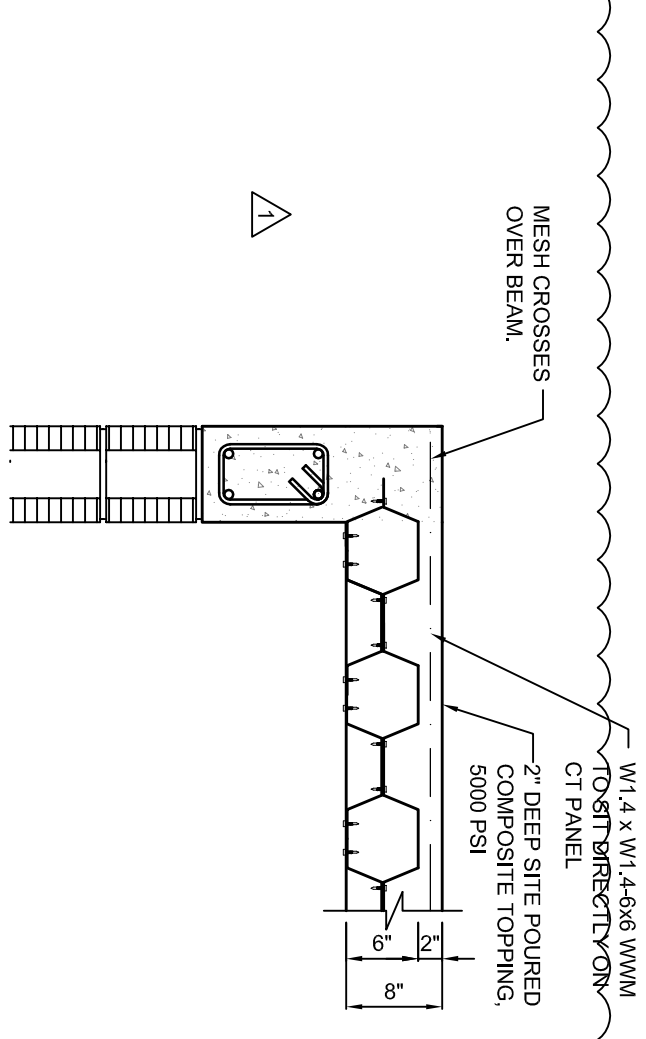
6 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



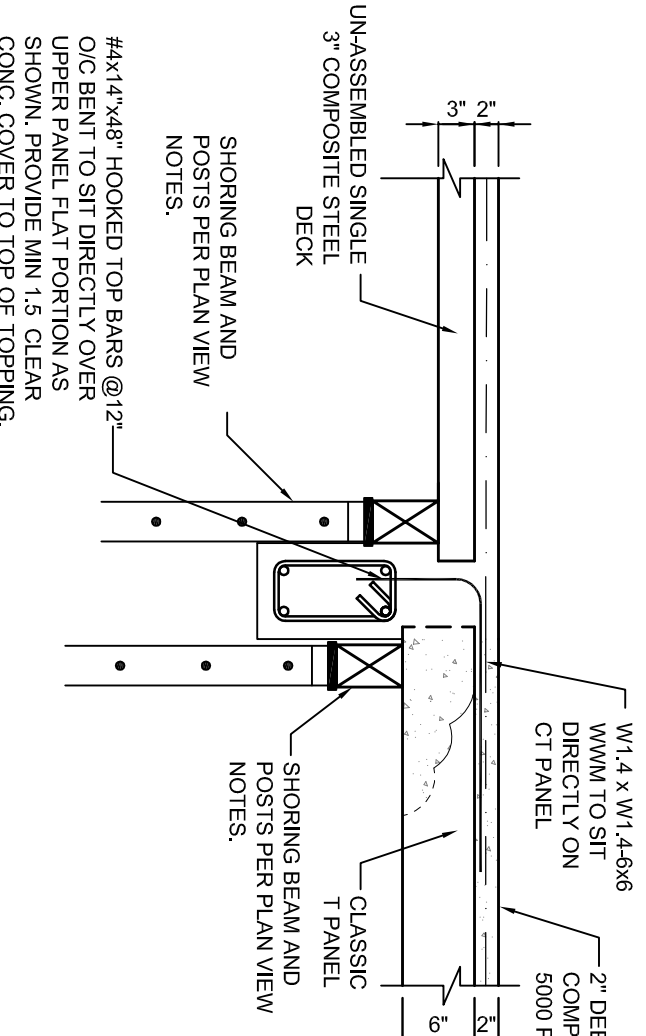
7 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



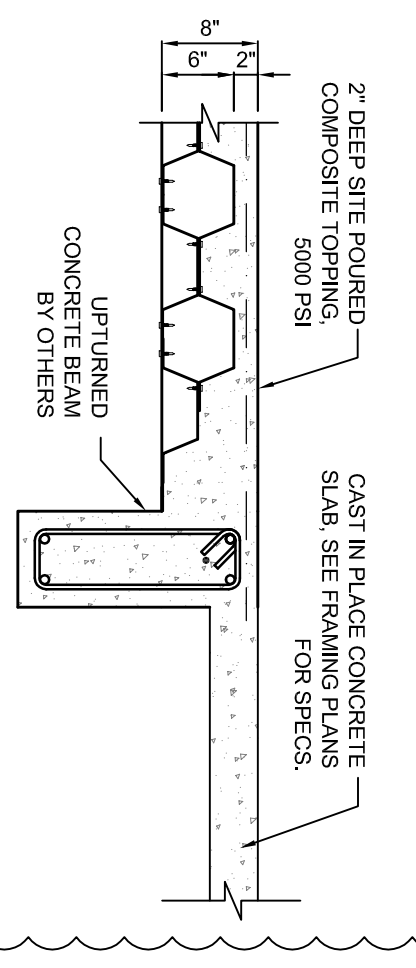
8 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



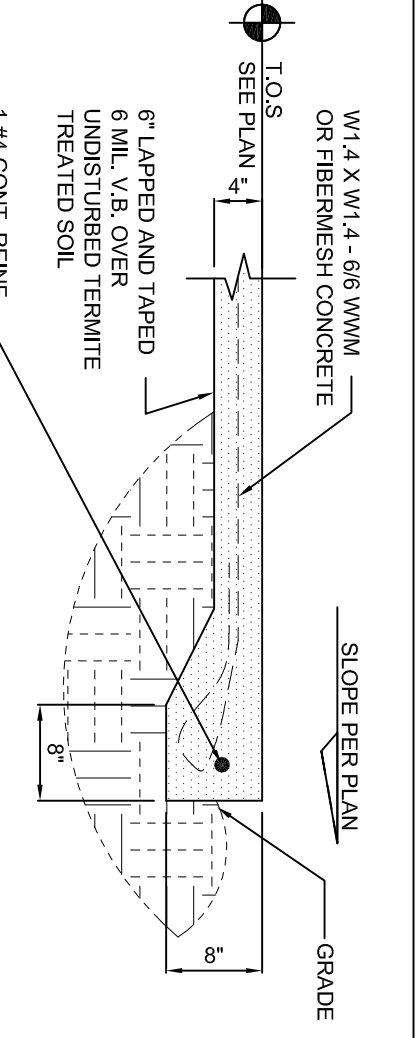
9 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



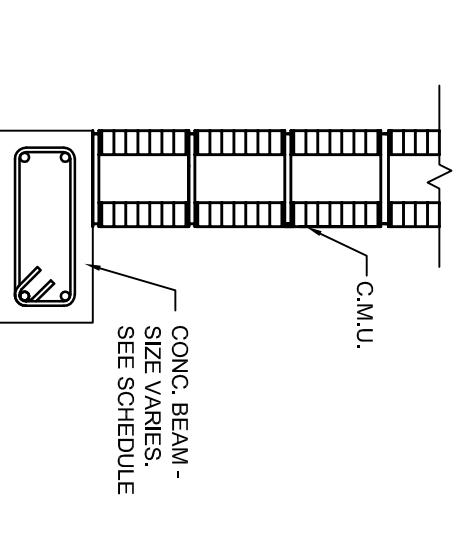
10 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



11 8" CT - BEARING ON CMU
SCALE: 3/4" = 1'



12 EXTERIOR SLAB THICKENED EDGE
SCALE: 3/4" = 1'



13 SECTION
SCALE: 3/4" = 1'

CLASSIC 1 PREFABRICATED FLOOR SYSTEM
SYSTEM INFO: www.classicfloor.com

CODE COMPLIANCE
DETAILS FOR THIS PRODUCT HAVE BEEN PREPARED PER FLORIDA BUILDING CODE (2010) WITH THE USE OF THE BELOW LISTED CODES (FDC: TEXAS PREFERENCE OVER CONFLICTING ITEMS)

GRAVITY LOADING (ASCE 7-10, CHAPTER TABLE C3-1 & C3-2)
SEE GRAVITY LOADING CHART FOR DESIGN LOADS.

DEFLECTION DESIGN CRITERIA
THE CLASSIC FLOOR SYSTEM HAS BEEN DESIGNED FOR:

- TOTAL LOAD SPAN 240
- REMOVED CONCRETE ELEMENTS: LIVE LOAD = 1.0 LONG TERM SPAN 240

CONTRACTOR NOTES
FIELD CUTTING OF HOLES SHALL BE PERFORMED ONLY AS DIMENSIONED IN THESE SHOP DRAWINGS OR WITH WRITTEN APPROVAL FROM THIS OFFICE. NO FIELD CUTTING IS TO BE DONE BEFORE THE CONCRETE TOPPING HAS SET. FIELD CUTTING SHALL BE LIMITED TO THE POSITION OF THE PLANK WHEN IT IS IN ITS FINAL POSITION. THE BUILDER SHALL REVIEW ALL DIMENSIONS HERE NOTED AND VERIFY COMPATIBILITY WITH AS BUILT.

THE CONTRACTOR SHALL PROVIDE FREE ACCESS FOR MATERIALS DELIVERY AND A CRANE DURING INSTALLATION. ANY EXPENSES RESULTING FROM FAILURE TO THE ABOVE WILL BE BILLED TO THE CLIENT. THE CLASSIC PLANK IS DESIGNED AS A SIMPLE SPAN AND CONTINUOUS BEHAVIOR. THERE SHALL BE NO SPARTER DOWELS FOR PERIMETER WALLS SHALL BE LOCATED 4" AWAY AS TO CLEAR THE PATH FOR THE CLASSIC T PLANK BEARING.

ANY BEARING MEMBERS FOR THE CLASSIC T PLANKS SHALL BE LEVEL AND FREE OF DEPRESSIONS OR THE SUPPORTING CONCRETE BEAMS AND COLUMNS SHALL HAVE 75% OF THEIR CONCRETE STRENGTH BEFORE TOPPING POUR.

BEFORE TOPPING PLACEMENT, THE DECK SHALL BE INSPECTED FOR TEARS, CRACKS, OR OTHER DAMAGE THAT MAY PRESENT THE RISK FROM ASTM A 1077 AND SUBSEQUENTLY 1078.

CONCRETE OPERATION AND CAMBER
THE CLASSIC T PLANKS HAVE A BUILT IN CAMBER THAT IS DESIGNED TO BECOME FLAT WITH THE SOLE WEIGHT OF THE CONCRETE TOPPING. THE CONTRACTOR SHALL MEASURE THE 2" THICKNESS OF THE PLANK (OR 4" TOTAL HEIGHT AS MEASURED FROM THE SUPPORTING TOP OF THE BEAMS).

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR MEASURE THE 2" TO SET THE TOP OF THE FINISHED SLAB STARTING FROM THE TOP OF THE CAMBER.

THE CONTRACTOR SHALL NOT SCORE THE CLASSIC T PLANK BEFORE THE TOPPING POUR AS THIS WILL PRESENT THE RISK FROM CRACKS IN THE CAMBER AND BECOMING FLAT.

THE GC SHALL ENSURE PRECAST PLANK TOP SURFACE TO BE CLEAN AND FREE OF LANTAGE BEFORE APPLICATION OF TOPPING CONCRETE.

THE CONTRACTOR SHALL COMB THE CONCRETE TOPPING TO A MINIMUM OF 7 BARS IN ORDER TO ATTAIN THE STRENGTH AND MOISTURE CURING OF THE TOPPING. THE CONTRACTOR SHALL VERIFY THE STRENGTH AND MOISTURE CURING OF THE TOPPING. THE CONTRACTOR SHALL VERIFY THE STRENGTH AND MOISTURE CURING OF THE TOPPING.

COLD FORMED STEEL DECKING (ASD)
ALL STEEL DECKING CONCERNS TO THE AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD H08TH. AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.

STEEL DECKING CONCERNS TO ASTM A653 STRUCTURAL QUALITY WITH A MINIMUM YIELD STRENGTH OF 50 KSI MODULUS OF ELASTICITY OF 29,000 KSI. YIELD STRENGTH AND MOMENT OF INERTIA GALVANIZING CONCERNS TO ASTM A653.

STRUCTURAL COMPOSITE TOPPING (ASD)
CONCRETE SHALL BE READY MIXED AND HAVE A STRENGTH OF 5000 PSI AT 28 DAYS.

CONCREMENT SHALL BE TYPE I CONCREMENT TO ASTM C-150.

CONCRETE SHALL CONTAIN A FIBER MESH ADDITIVE OR A W/4 X 1/4 - 666 WIRE WELDED MESH SHALL BE USED AS PER ANSI/SDC 013 SECTION 4. FIBERS SHALL BE PERMITTED AS A SUBSTITUTE TO THE WELDED WIRE FABRIC SPECIFIED FOR TEMPERATURE AND SHRINKAGE REINFORCEMENT.

WELDED WIRE FABRIC COMPARTS WITH ASTM A666 FABRIC LAPS SHALL BE PER PLAN.

CONTRACTORS CONSIDERING CHAIRS SHALL NOT BE USED BECAUSE THEY COMPROMISE THE STEEL DECK.

ENGINEERING NOTES
THE CLASSIC T IS A CAMBER ASSEMBLY OF CORRUGATED COMPOSITE STEEL DECKS DESIGNED TO BE SELF SUPPORTING UNDER ITS OWN WEIGHT.

• THE WEIGHT OF THE WORKERS

• THE LIVE LOAD OF THE WORKERS

• THE WEIGHT OF THE TOPPING

STRENGTH AND DEFLECTION DESIGN HAS BEEN PERFORMED IN ACCORDANCE WITH ACI 318.08.

BENDING STRESS IS LIMITED TO 0.60 TIMES THE YIELD STRENGTH OR TO 94.161, WHICHEVER IS LEAST.

CONCRETE TESTING
QUALIFIED FIELD TESTING TECHNICIANS SHALL PREPARE SPECIMENTS REQUIRED FOR CURING UNDER FIELD CONDITIONS AND RECORD THE TEMPERATURE OF THE FRESH CONCRETE WHEN PREPARING SPECIMENTS FOR LABORATORY STRENGTH TESTS.

ACCOUNTING SEPARATELY FOR EACH CLASS OF CONCRETE AND EACH DAY. ONE TEST CONSISTING OF BREAKING (2) 90 DIA. TESTER A 12" HIGH CONCRETE CYLINDER SAMPLES, MOULDED AS PER ASTM C31 AND TESTED PER ASTM C29) SHALL BE PERFORMED ACCORDING TO THE MOST FREQUENT OF:

- ONCE EVERY 750 CUBIC YARDS
- ONCE EVERY 2000 SQUARE FEET OF SLAB OR WALL SURFACE AREA

7 DAY, 14 DAY AND 28 DAY TEST REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW. THE CLIENT SHALL RETAIN A REPUTABLE TESTING COMPANY TO BE ON SITE AT THE TIME OF CONCRETE POUR AND INDEPENDENTLY COLLECT CYLINDERS AND PERFORM COMPRESSIVE TESTING. IF LESS THAN 50 CUBIC YARDS ARE USED FOR A SINGLE CLASS OF CONCRETE, TESTING IS NOT REQUIRED IF SUFFICIENT EVIDENCE IS PROVIDED TO THE BUILDING OFFICIAL.

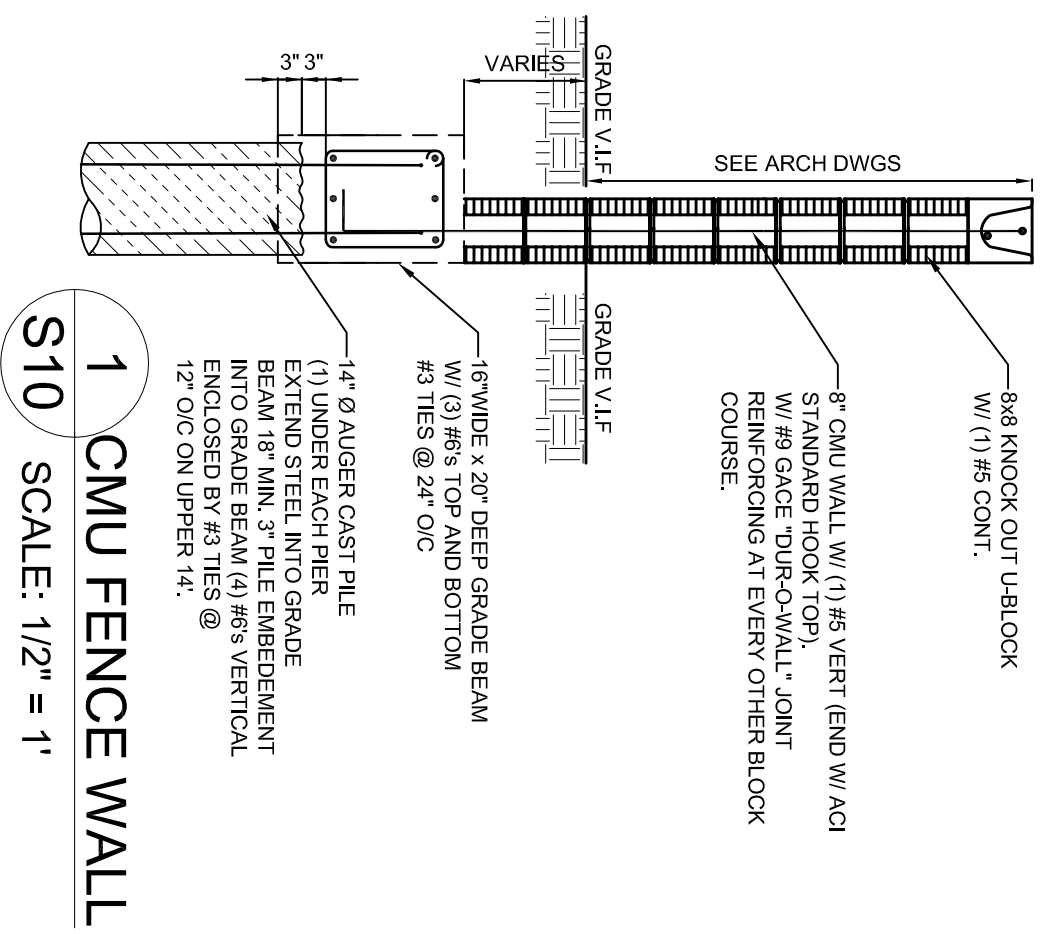
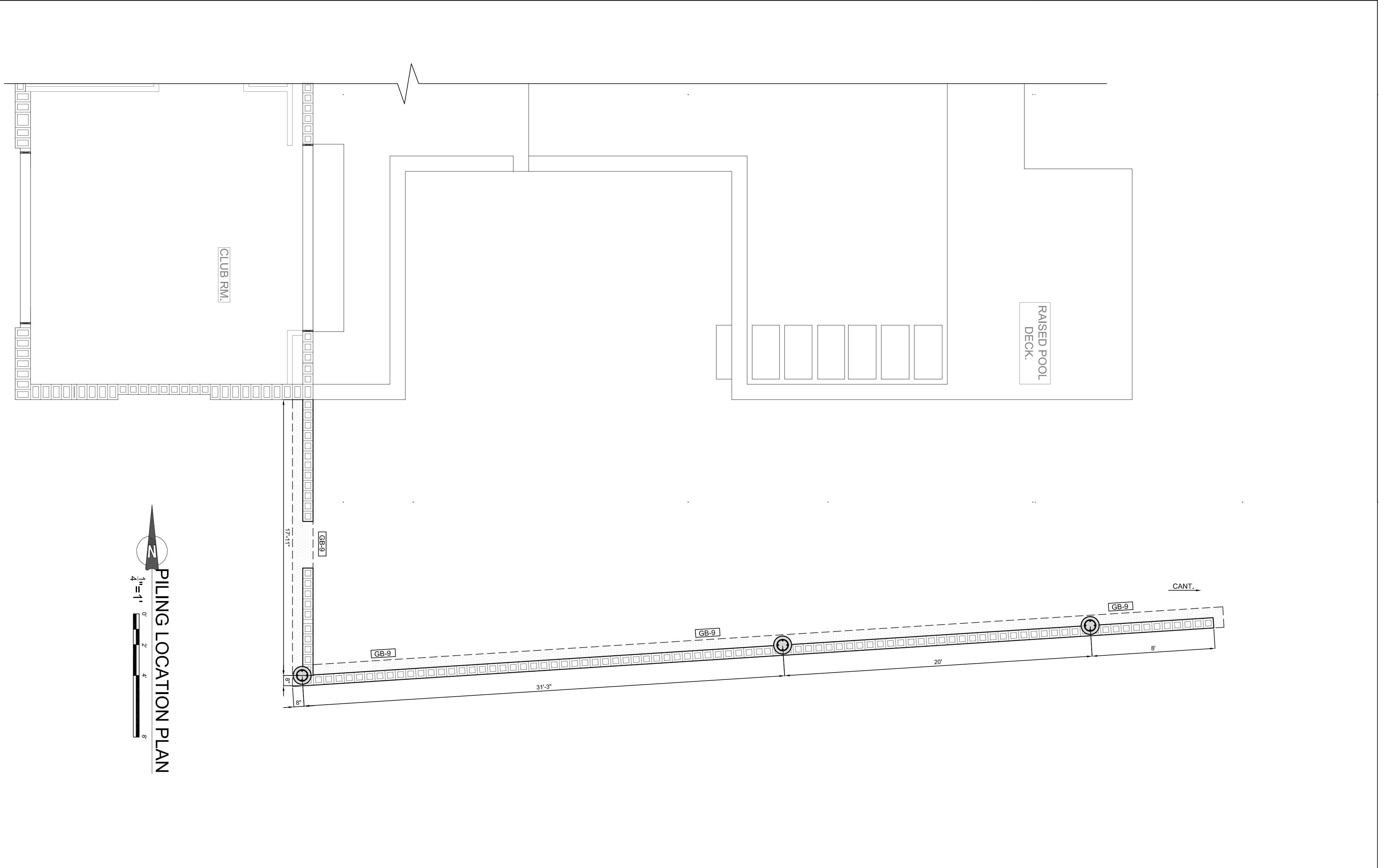
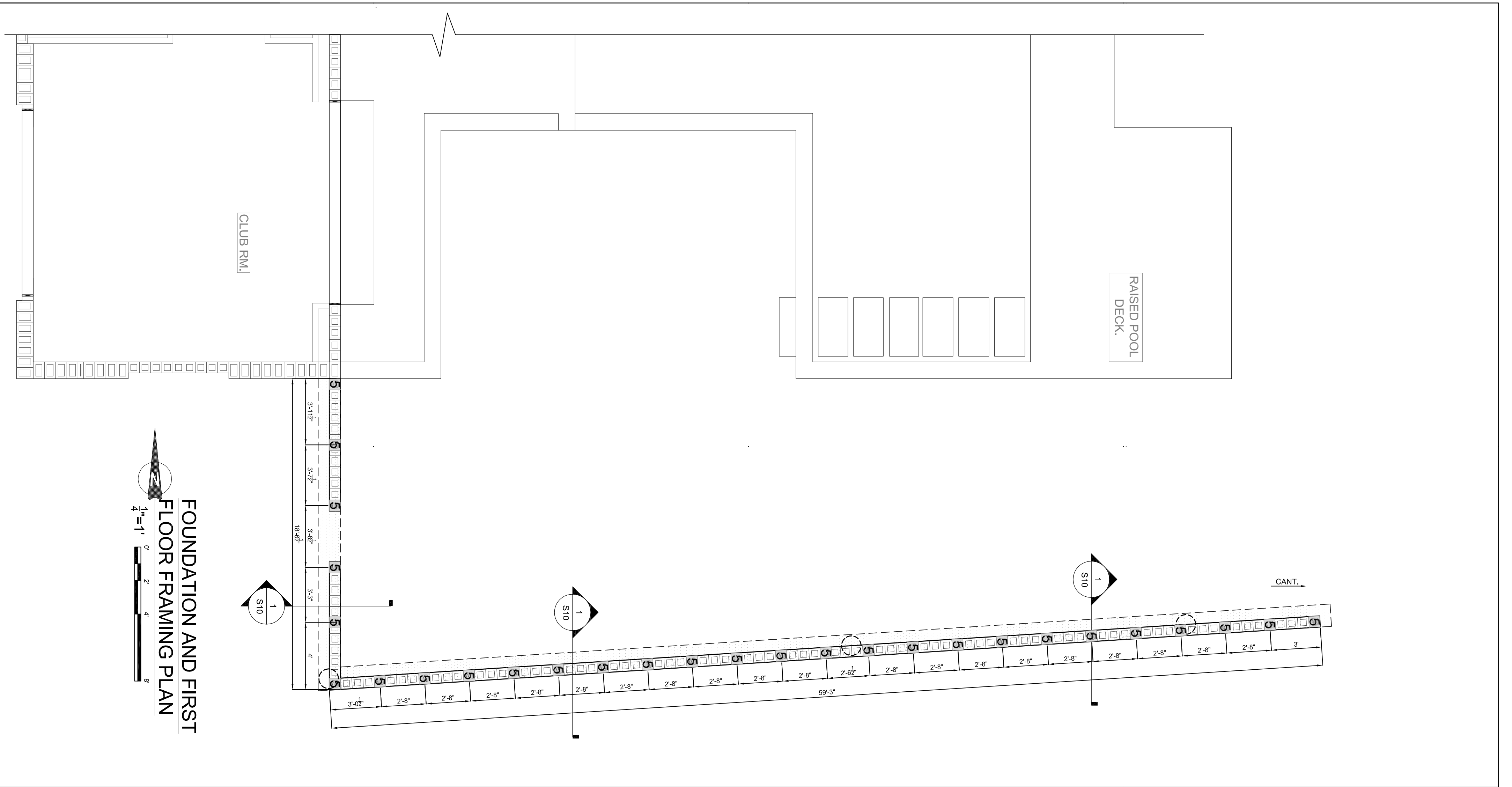
ANCHORING SPECIFICATIONS
EPOXY SHALL BE HELTI HT HY 150 MAX (NOA89-0224-06). EXPANSION BOLTS SHALL BE HELTI KWIK BOLT 3 (NOA86-0810-13).

#	DESCRIPTION	DATE
1	CT FLOOR	27-0-14



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JOB #:
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1 CMU FENCE WALL
S10 SCALE: 1/2" = 1'

DRAWN: FA
CHECKED: FA
DATE:
JOB #:
SHEET:
S10



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