

TO THE BEST OF THE ARCHITECTS OR THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES FOR THE LOCAL JURISDICTION. THE APPLICABLE MINIMUM BUILDING CODES ARE DETERMINED BY THE LOCAL AUTHORITY IN THE SECTION AND CHAPTER 633, F.L. STATUTES.



BRADFORD COUNTY SLEEPING QUARTERS
13641 SOUTHWEST COUNTY ROAD 227
STARKE, FLORIDA 32091

REVISIONS

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ISSUE DATE:
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DRAWN BY: IMEG **CHECKED BY:** EAS

PROJECT NUMBER:
24005

DRAWING TITLE:
FOUNDATION & ROOF FRAMING PLAN

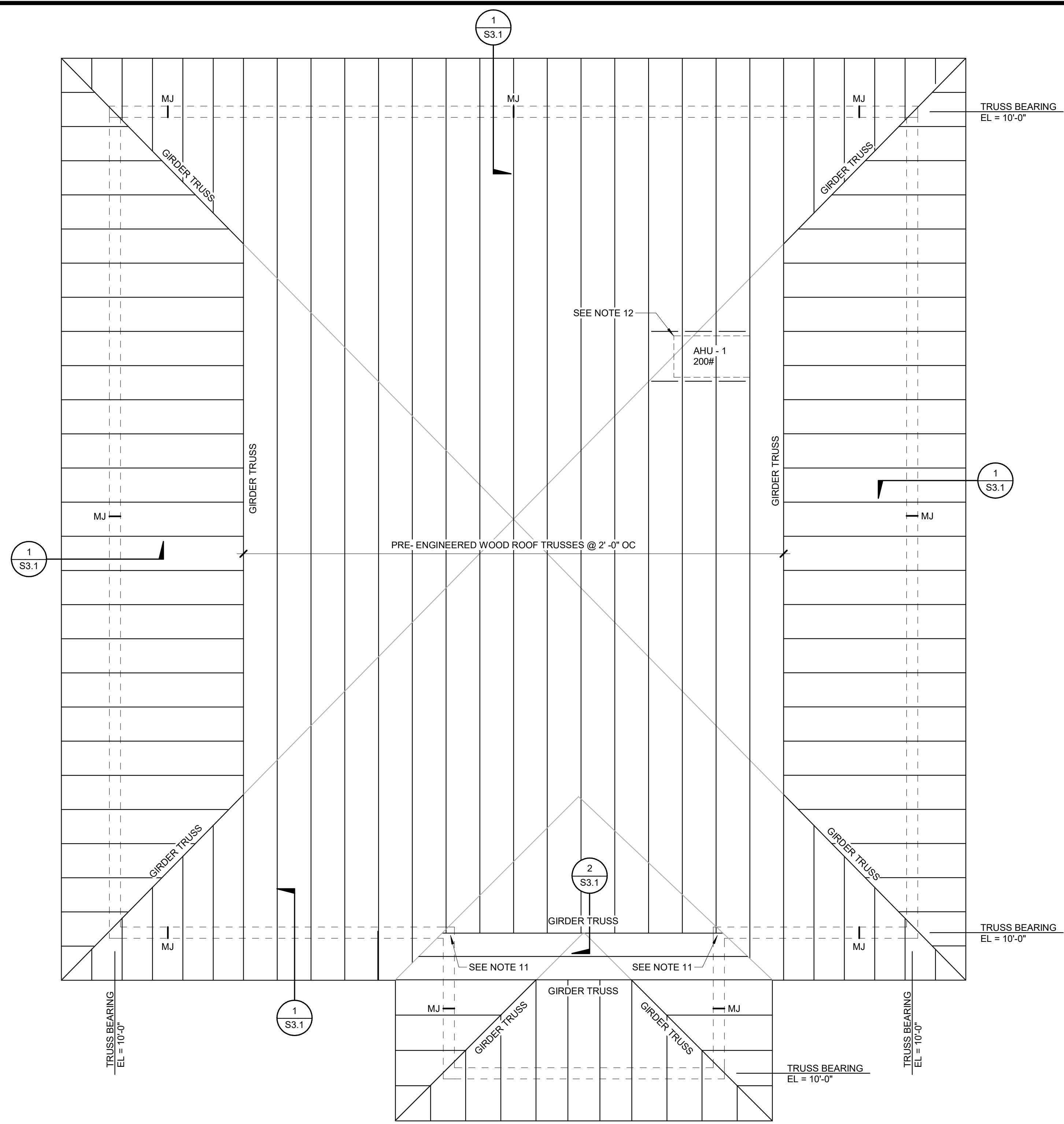
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S1.1

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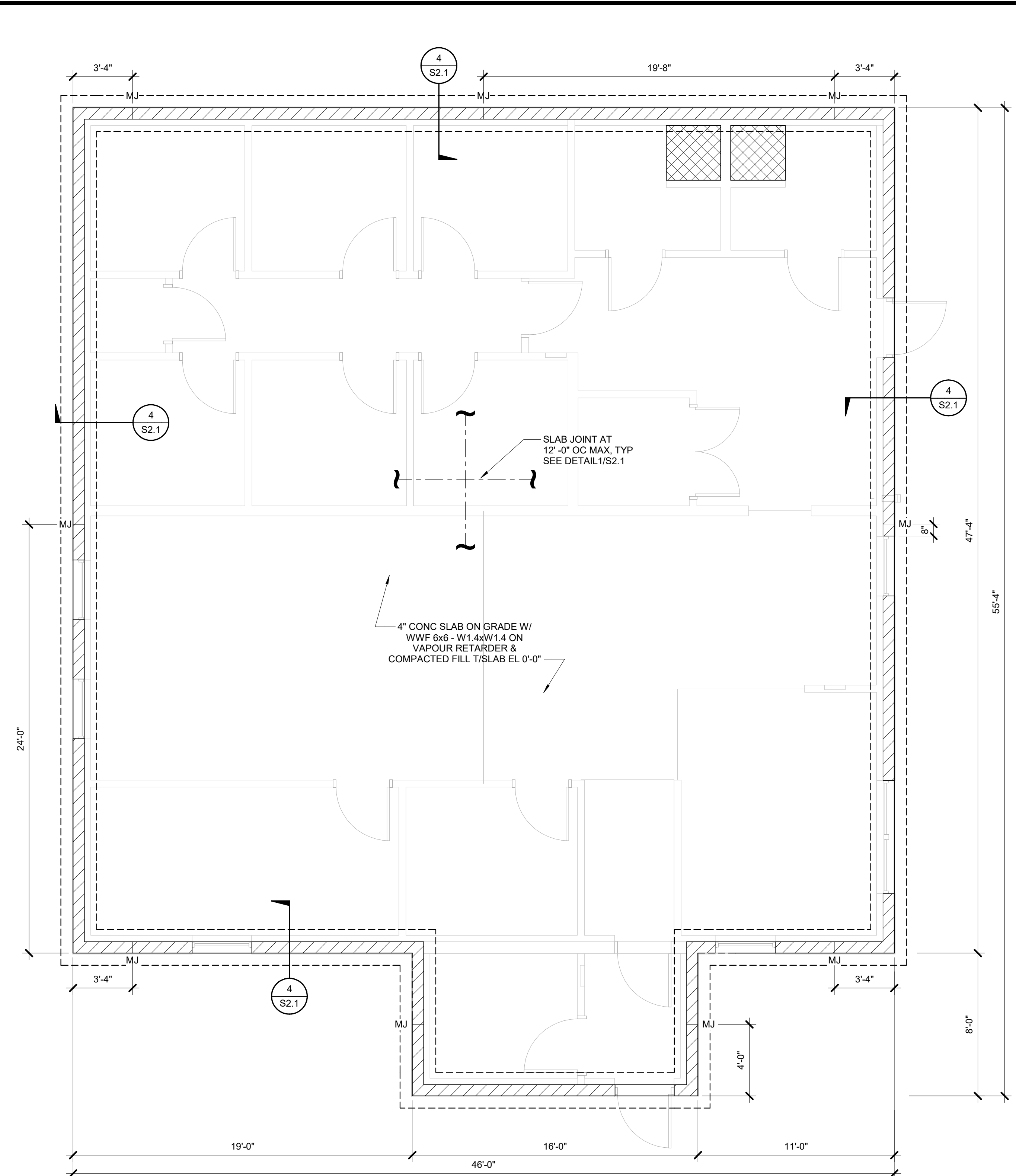
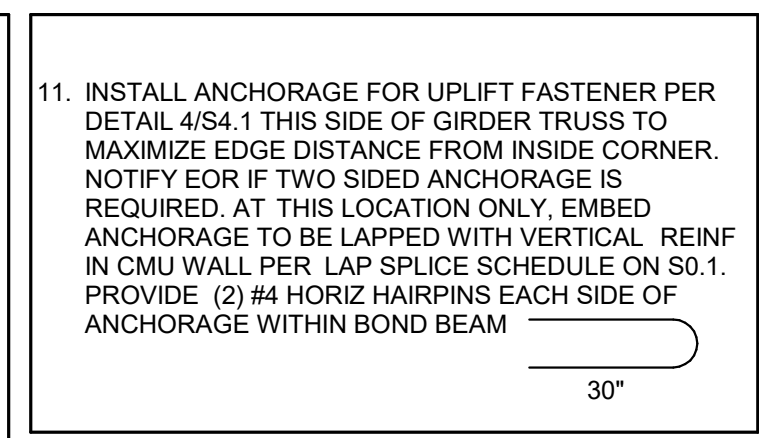
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ENGINEER OF RECORD: ERIN A. STALEY LICENSE # 78819

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2 ROOF FRAMING PLAN
1/4" = 1'-0"

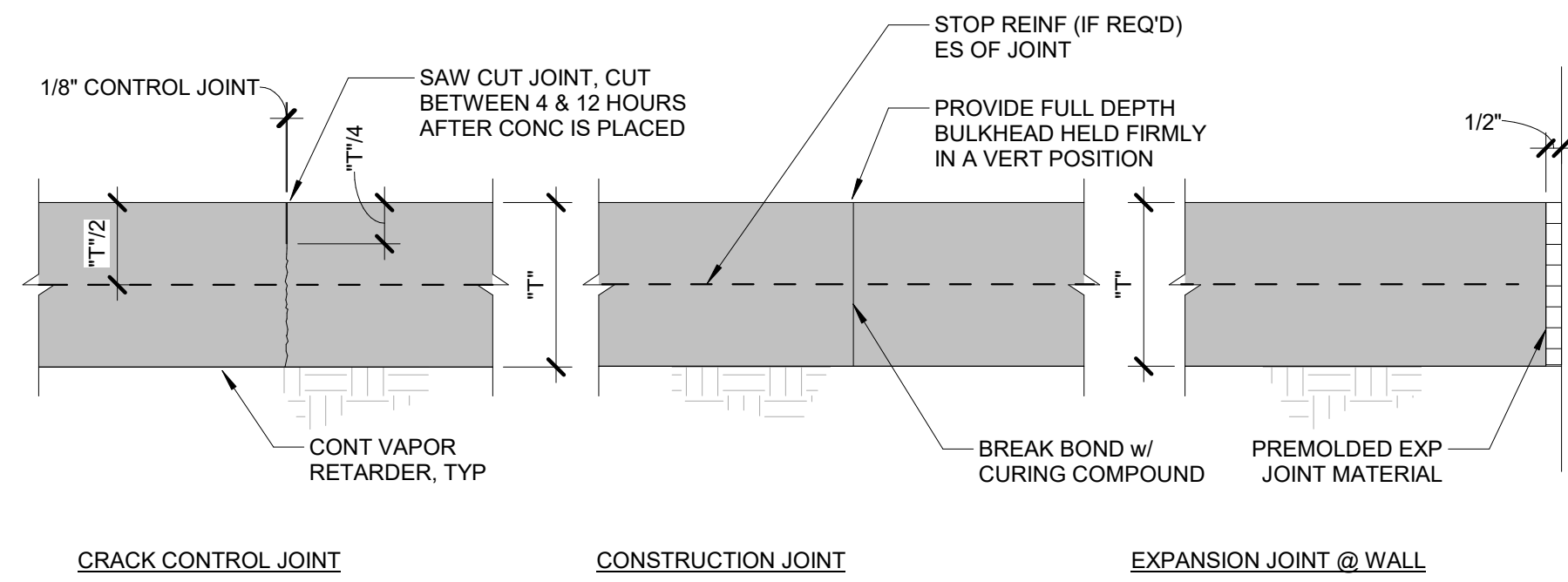
- ROOF FRAMING NOTES:**
- FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.1.
 - ELEVATIONS ARE BASED ON T/SLAB DATUM EL 0'-0". SEE CIVIL DWGS FOR ACTUAL ELEVATIONS.
 - MECHANICAL DUCTWORK AND FOUNDATIONS HAVE BEEN DESIGNED FOR THE FRAMING ORIENTATION SHOWN. THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER, THE ARCHITECT, AND THE GENERAL CONTRACTOR OF ANY ADDITIONAL BEARING REQUIREMENTS PRIOR TO FOUNDATION CONSTRUCTION.
 - FRAMING PLAN IS SHOWN OVER FLOOR PLAN BELOW.
 - FOR ELEVATIONS, WALL SECTIONS AND DIMENSIONS, SEE ARCH DRAWINGS. COORDINATE TRUSS PLACEMENT TO MAXIMIZE USEABLE SPACE IN MECH CHASE.
 - ROOF FRAMING SHALL CONSIST OF PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX, UNLESS OTHERWISE NOTED ON PLAN.
 - FOR ROOF PLAN SLOPE, SEE ARCH. ROOF TRUSSES SHALL BE PITCHED PER ARCHITECTURAL PLANS. SEE ARCH FOR ROOF SHAPE.
 - ALL EXTERIOR EXPOSED WOOD MEMBERS INCLUDING HEAVY TIMBER SECTIONS TO BE PRESSURE TREATED (PT) ACCORDING TO THE GENERAL NOTES SHEET S0.1.
 - ROOF SHEATHING TO SPAN PERPENDICULAR TO TRUSSES. SEE GENERAL NOTES ON SHEET S0.1.
 - TRUSS ENGINEER SHALL SUPPORT HANGING AHU EQUIPMENT. COORD WITH ARCH AND MECHANICAL ENGINEER FOR AHU SUPPORT AND CONNECTION REQUIREMENTS/DETAILS.



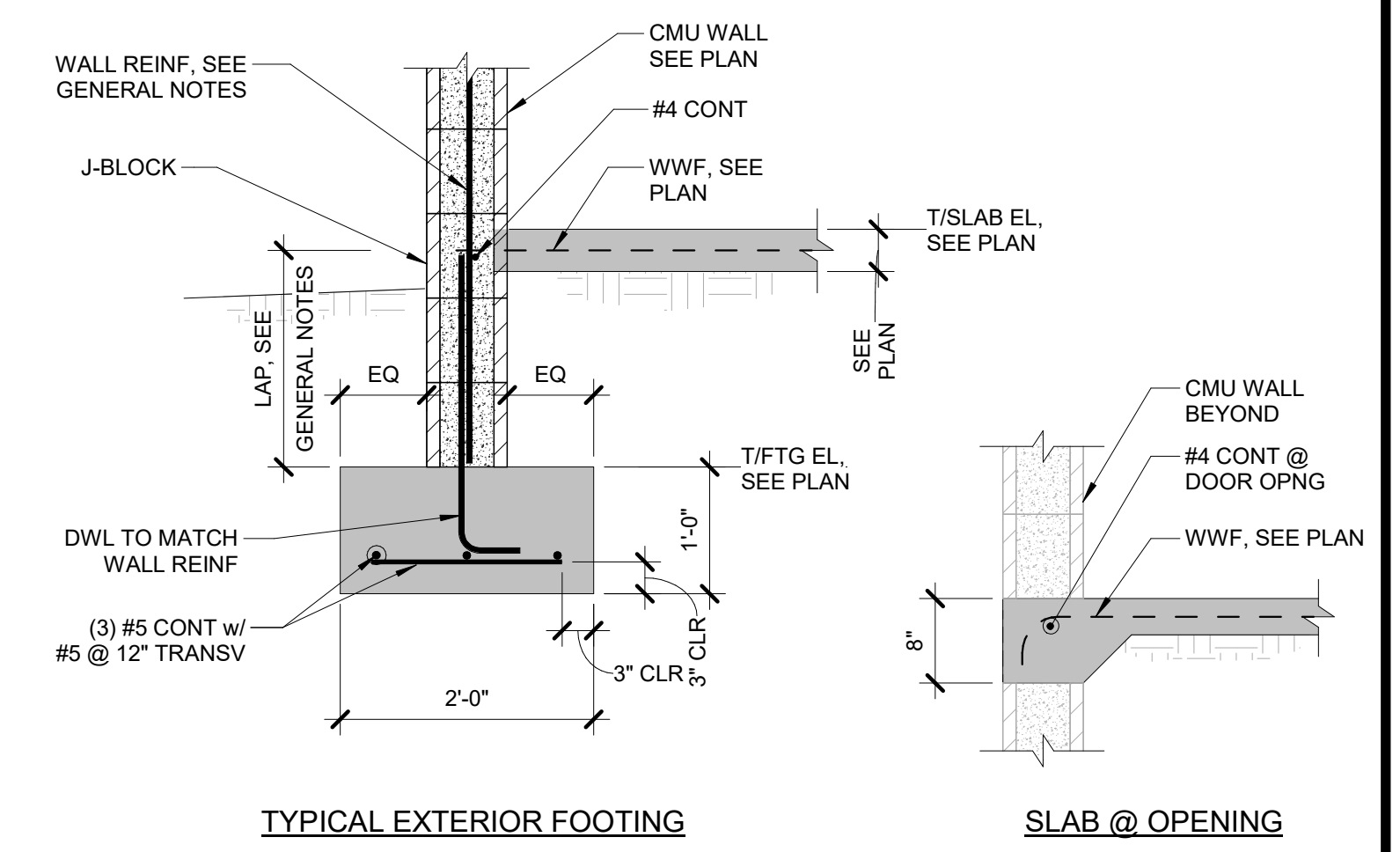
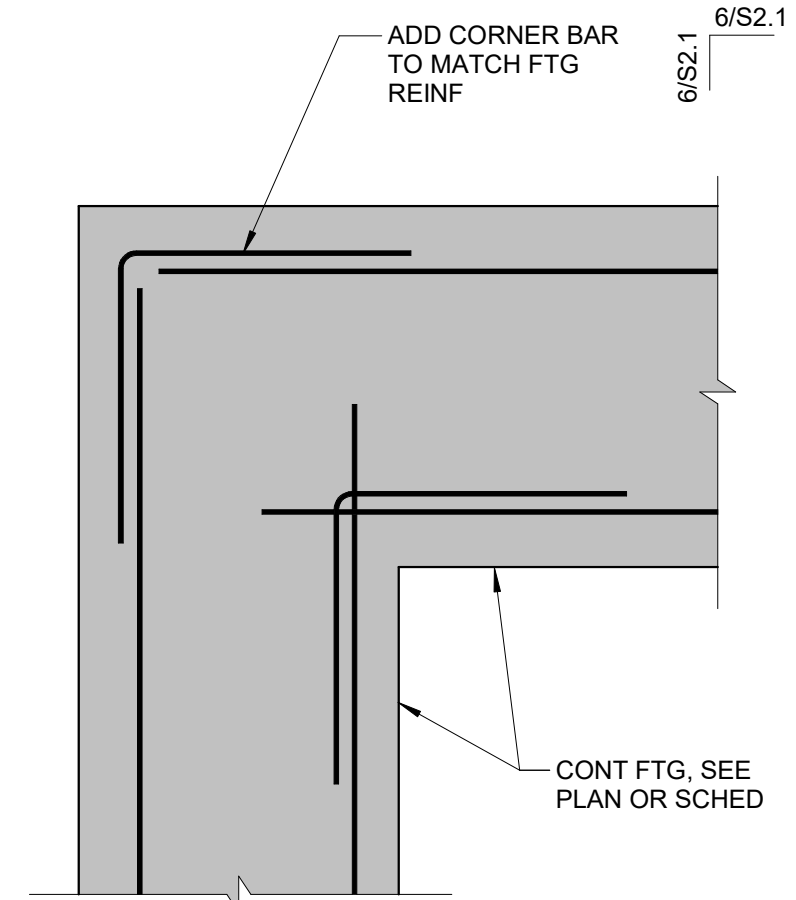
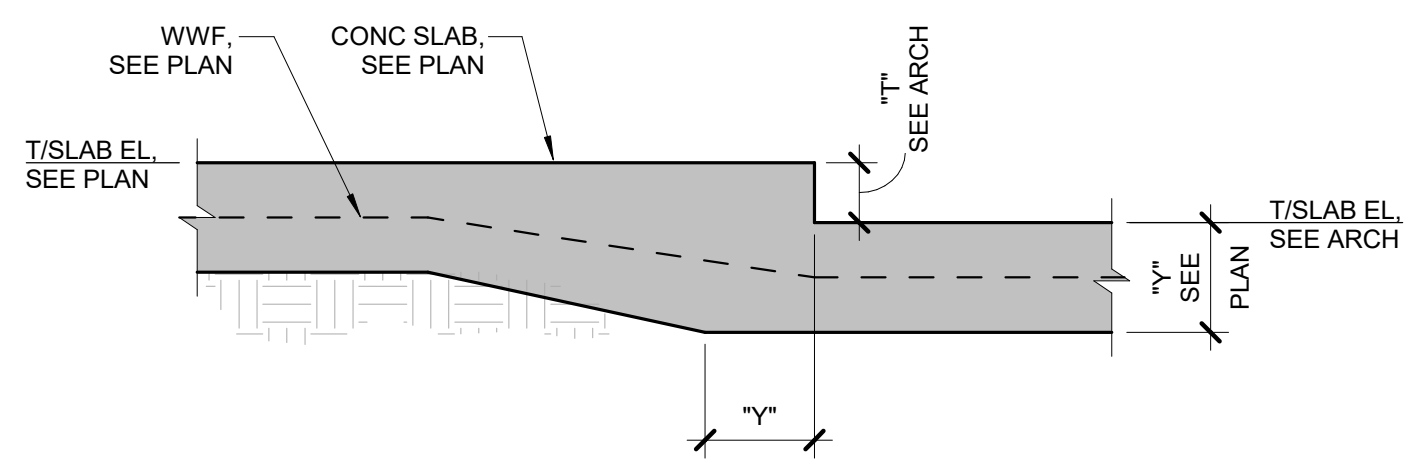
1 FOUNDATION PLAN
1/4" = 1'-0"

- FOUNDATION PLAN NOTES:**
- FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.1.
 - ELEVATIONS ARE BASED ON T/SLAB DATUM EL 0'-0". SEE CIVIL DWGS FOR ACTUAL EL.
 - SLAB ON GRADE & FOUNDATIONS/TURNDOWNS INDICATED ARE DESIGNED BASED ON A MIN 4" CONVENTIONAL SLAB ON GRADE.
 - AT CONTRACTOR'S OPTION, THE SLAB MAY BE POST-TENSIONED SLAB DESIGNED BY OTHERS. SEE GENERAL NOTES FOR LOADING CRITERIA. POST-TENSIONED SLAB SHALL BE DESIGNED BY AN ENGINEER LICENSED IN THE STATE OF FLORIDA. GENERAL CONTRACTOR SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY ARCH AND ENGINEER.
 - SLAB ENGINEER SHALL COORDINATE FOOTING/SLAB THICKNESS w/ WALL ANCHORS, SEE FOUNDATION DETAILS AND SCHEDULES.
 - THIS FOUNDATION PLAN ASSUMED TRUSSES ARE FRAMED AS SHOWN HEREIN. THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER, THE ARCHITECT, AND THE GENERAL CONTRACTOR OF ANY ADDITIONAL BEARING REQUIREMENTS PRIOR TO FOUNDATION CONSTRUCTION.
 - ▨ DENOTES LOAD BEARING MASONRY WALL. SEE SHEETS S0.1 AND S4.1 FOR MORE INFO.
 - FOR REINFORCING AT FOOTING CORNERS, SEE DETAIL 3/S2.1.
 - FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS, SEE ARCHITECTURAL.
 - FOR PIPE PENETRATIONS AT FOOTINGS, SEE 5/S2.1
 - ▧ DENOTES SLAB RECESS. SEE DETAIL 2/S2.1. SEE ARCH FOR RECESS DEPTH AND EXTENT.





NOTES:
1. USE CONSTRUCTION JOINT INSTEAD OF CRACK CONTROL JOINT WHEREVER CONSTRUCTION IS STOPPED OR WHERE CALLED FOR ON PLAN.
2. PROVIDE CRUSHED STONE OR GRAVEL UNDER SLAB AS RECOMMENDED BY GEOTECHNICAL REPORT FOR THE PROJECT.

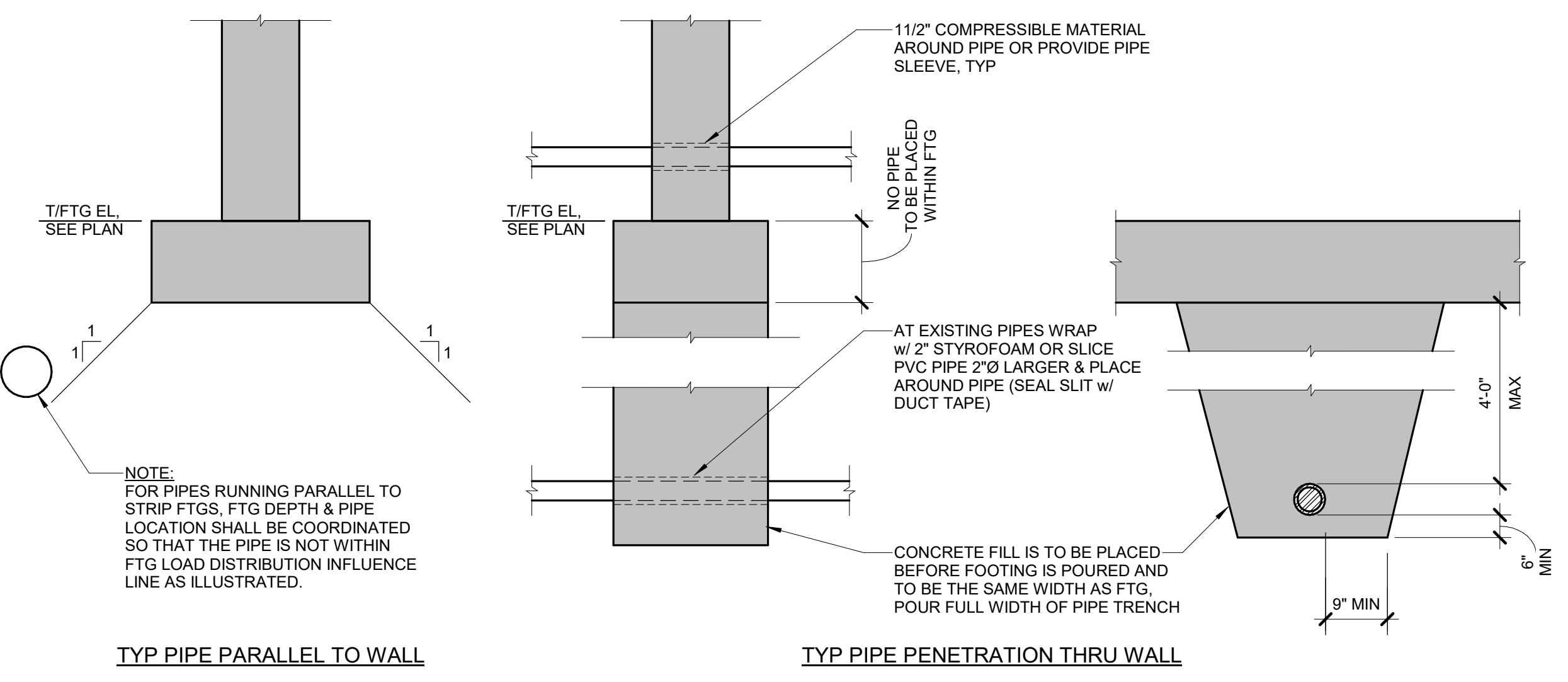
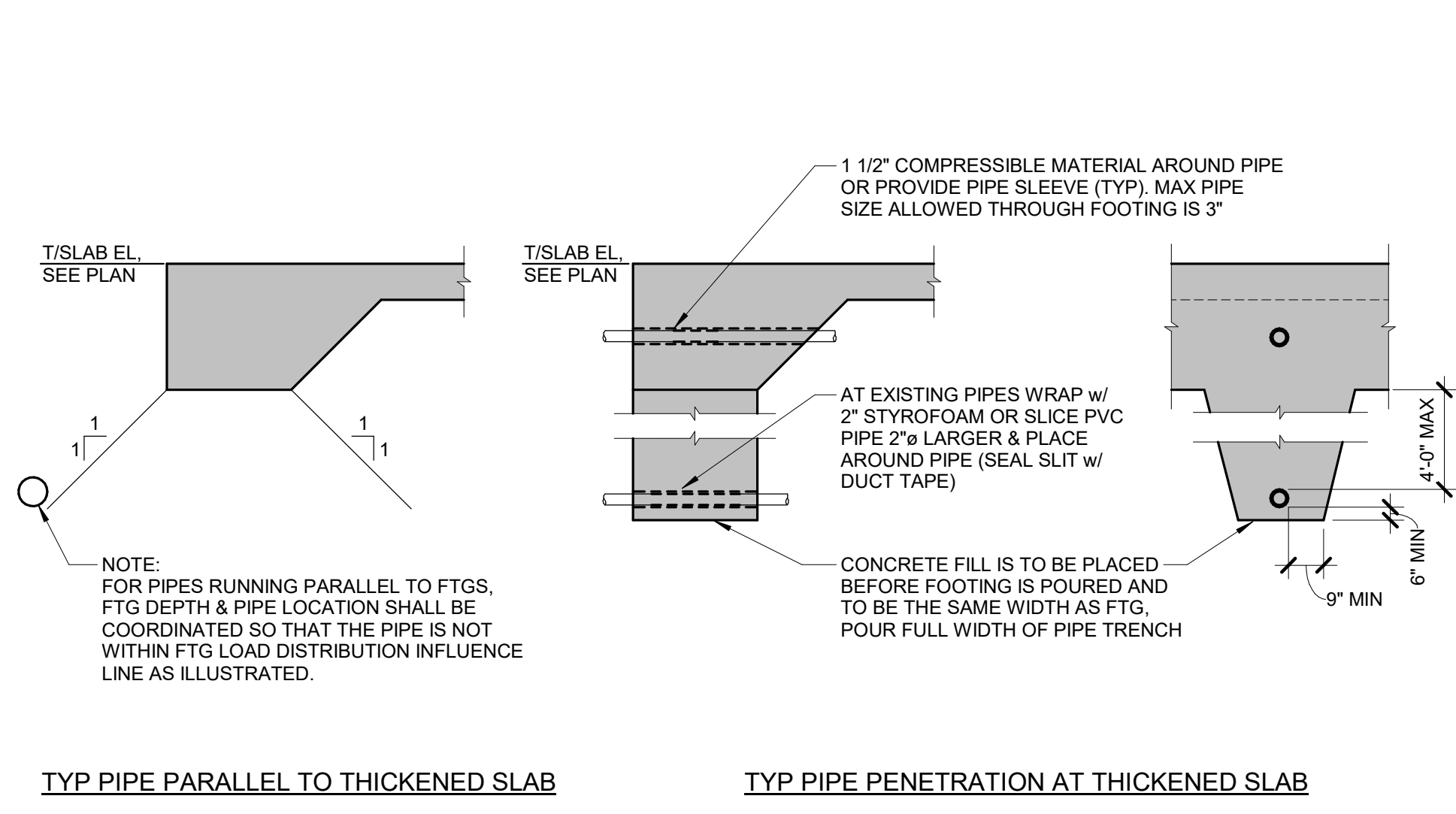


1 SLAB ON GRADE CONTROL JOINT DETAIL
NO SCALE

2 SLAB RECESS DETAIL (6\"/>

3 TYP CORNER FTG REINF
NO SCALE

4 TYP EXTERIOR FOOTING
NO SCALE



5 PIPE PENETRATION AT WALL FTG
NO SCALE

BAR SIZE	CONCRETE COMPRESSIVE STRENGTH				
	3000 PSI	4000 PSI	5000 PSI	6000 PSI	7000 PSI
#3	22"	19"	17"	15"	14"
#4	29"	25"	22"	20"	19"
#5	36"	31"	28"	26"	24"
#6	43"	38"	34"	31"	28"
#7	62"	54"	49"	44"	41"
#8	70"	62"	56"	51"	47"
#9	76"	70"	62"	57"	53"
#10	84"	78"	70"	63"	59"
#11	96"	87"	76"	70"	64"

NOTES:
INCREASE SPLICE LENGTH BY THE FOLLOWING (INCREASED LENGTHS ARE CUMULATIVE):
1. HORIZONTAL TOP BARS WITH GREATER THAN 12" OF CONCRETE BELOW +30%
2. BAR SPACING LESS THAN 2 BAR DIAMETERS +50%
3. EPOXY COATED BARS WHEN CLEAR COVER IS LESS THAN 3 BARS DIAMETERS OR CLEAR SPACING IS LESS THAN 6 BAR DIAMETERS +50%
OTHER EPOXY COATED BARS +20%

6 CONCRETE LAP SPLICE SCHEDULE
NO SCALE

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DRAWING TITLE:
FOUNDATION SECTIONS & DETAILS

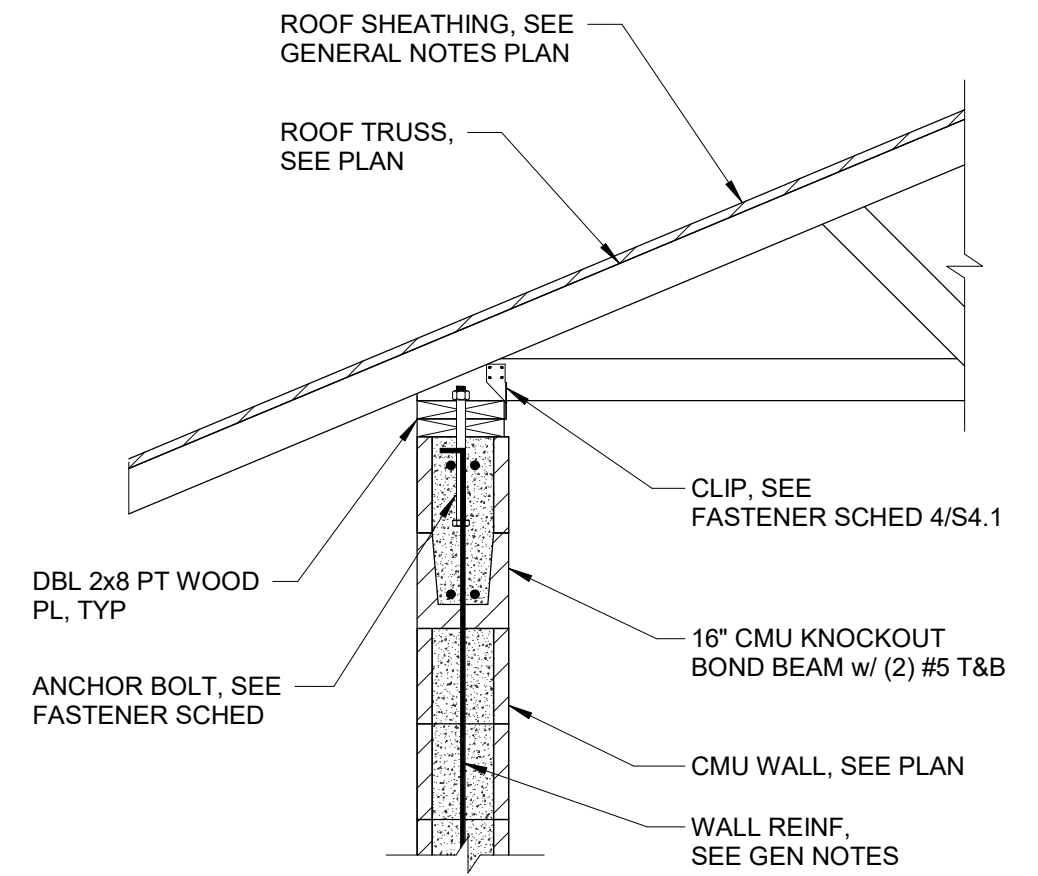
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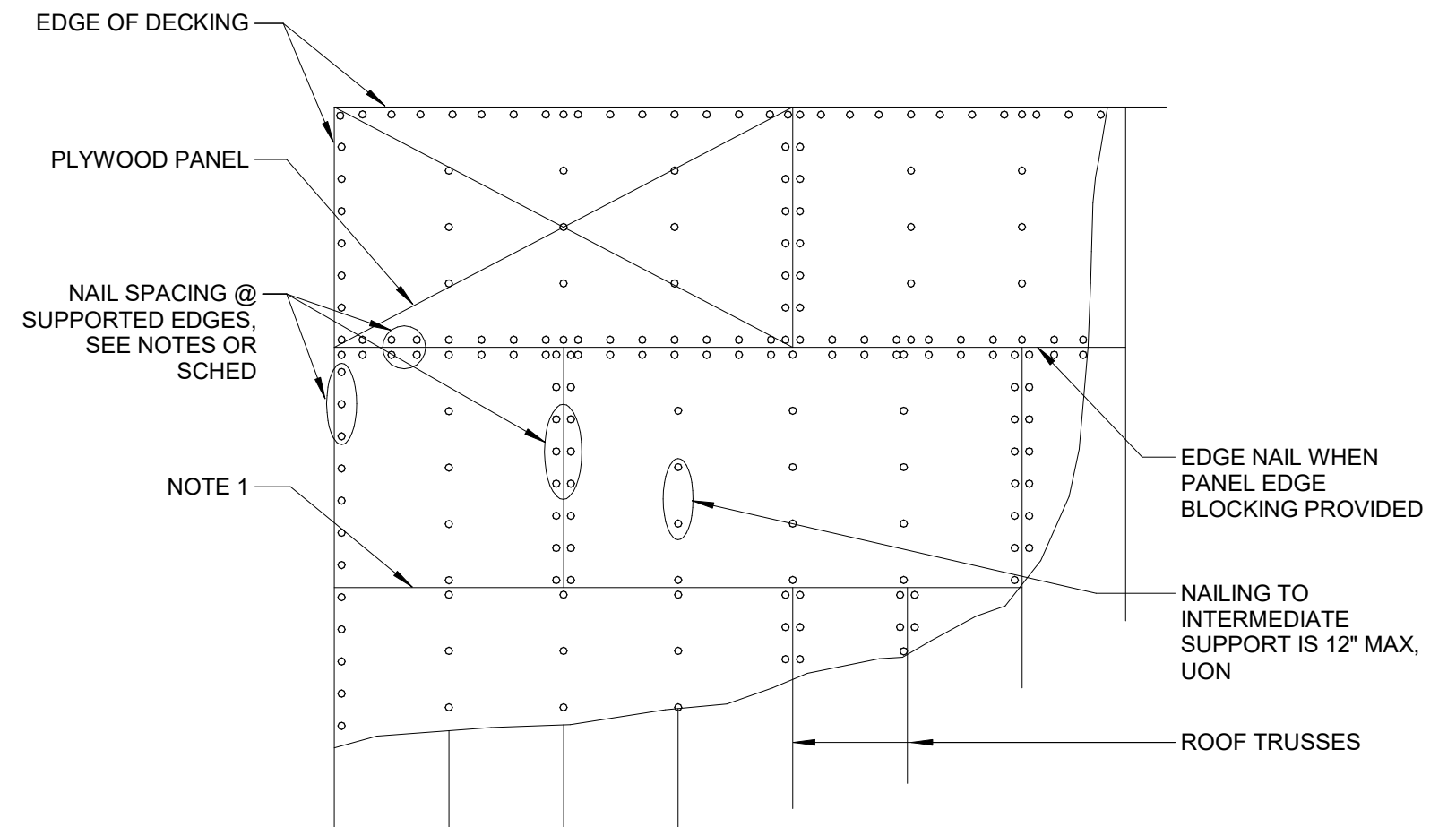
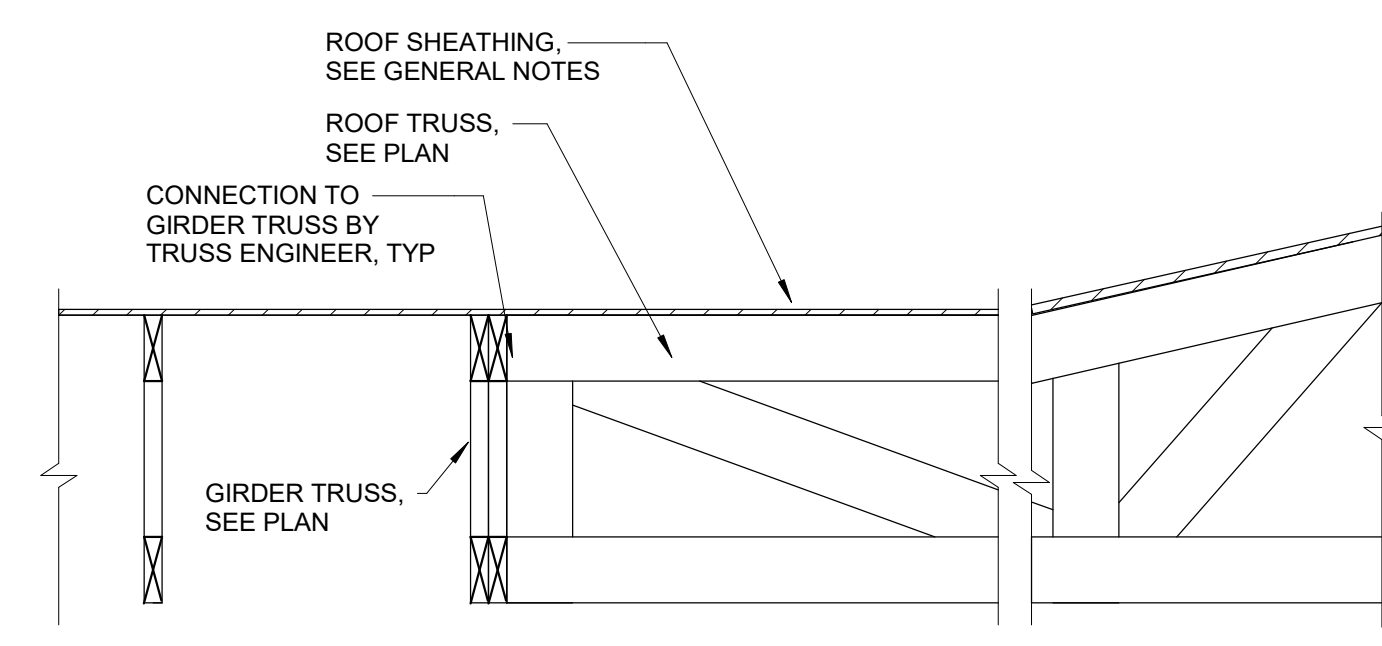
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NOTE:
TRUSS PROFILE SHOWN IS GENERIC COODINATE WITH ARCH.



NOTES:
1. ROOF SHEATHING SHALL BE STAGGERED AS SHOWN WITH LONG DIRECTION OF PLYWOOD TRANSVERSE TO TRUSSES OR JOISTS.
2. UNSUPPORTED (UNBLOCKED) PANEL EDGE, PROVIDE BLOCKING IF REQ'D BY NOTES OR SCHEDULE.

1 ROOF TRUSS BEARING
NO SCALE

2 INTERIOR ROOF TRUSS BEARING
NO SCALE

3 NAILING REQUIREMENTS FOR ROOF SHEATHING
NO SCALE

CONNECTION	NAIL LOCATION	NAIL (A)	GUN NAIL	STAPLE (B)
JOIST TO SILL OR GIRDER	TOENAIL	3-8d	3-3"x0.131"	3-3" 14 GA
BRIDGING TO JOIST	TOENAIL EA END	2-8d	2-3"x0.131"	2-3" 14 GA
1"x6" SUBFLOOR OR LESS TO EA JOIST	FACE NAIL	2-8d	-	-
WIDER THAN 1"x6" SUBFLOOR TO EA JOIST	FACE NAIL	3-8d	-	-
2" SUBFLOOR TO JOIST OR GIRDER	BLIND & FACE NAIL	2-16d	-	-
SOLE PLATE TO JOIST OR BLOCKING	TYPICAL FACE NAIL	16d @ 16"	3"x0.131" @ 8"	3" 14 GA @ 12"
TOP PLATE TO STUD	END NAIL	2-16d	3-3"x0.131"	3-3" 14 GA
STUD TO SOLE PLATE	TOENAIL	4-8d	4-3"x0.131"	3-3" 14 GA
STUD TO SOLE PLATE	END NAIL	2-16d	3-3"x0.131"	3-3" 14 GA
DOUBLE STUDS	FACE NAIL	16d @ 24"	3"x0.131" @ 8"	3" 14 GA @ 8"
DOUBLE TOP PLATES	TYPICAL FACE NAIL	16d @ 16"	3"x0.131" @ 12"	3" 14 GA @ 12"
DOUBLE TOP PLATES SPLICE (LAP 4'-0")	FACE NAIL	8-16d	12-3"x0.131"	12-3" 14 GA
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	TOENAIL	3-8d	3-3"x0.131"	3-3" 14 GA
RIM JOIST TO TOP PLATE	TOENAIL	8d @ 6"	3"x0.131" @ 6"	3" 14 GA @ 6"
TOP PLATE INTERSECTIONS	FACE NAIL	2-16d	3-3"x0.131"	3-3" 14 GA
CONT HEADER, TWO PIECES	FACE NAIL	16d @ 16" T&B EDGE	-	-
CONT HEADER, THREE PIECES	FACE NAIL	16d @ 16" T&B EA FACE	-	-
CEILING JOISTS TO PLATE	TOENAIL	3-8d	5-3"x0.131"	5-3" 14 GA
CONT HEADER TO STUD	TOENAIL	4-8d	-	-
CEILING JOISTS, LAPS OVER PARTITIONS	FACE NAIL	3-16d MIN	4-3"x0.131"	4-3" 14 GA
CEILING JOISTS TO PARALLEL RAFTERS	FACE NAIL	3-16d MIN	4-3"x0.131"	4-3" 14 GA
RAFTER TO PLATE	TOENAIL	3-8d	3-3"x0.131"	3-3" 14 GA
1"x8" SHEATHING TO EA BEARING WALL	FACE NAIL	2-8d	-	-
WIDER THAN 1"x8" SHEATHING TO EA BRG	FACE NAIL	3-8d	-	-
BUILD-UP CORNER STUDS	FACE NAIL	16d @ 24"	3"x0.131" @ 16"	3" 14 GA @ 16"
2" PLANKS	@ EA BEARING	16d	-	-
COLLAR TIE TO RAFTER	FACE NAIL	3-10d	4-3"x0.131"	4-3" 14 GA
JACK RAFTER TO HIP	TOENAIL	3-10d	4-3"x0.131"	4-3" 14 GA
JACK RAFTER TO HIP	FACE NAIL	2-16d	3-3"x0.131"	3-3" 14 GA
ROOF RAFTER TO 2x RIDGE BEAM	TOENAIL	2-16d	3-3"x0.131"	3-3" 14 GA
ROOF RAFTER TO 2x RIDGE BEAM	FACE NAIL	2-16d	3-3"x0.131"	3-3" 14 GA
JOIST TO BAND JOIST	FACE NAIL	3-16d	5-3"x0.131"	5-3" 14 GA
LEDGER STRIP	FACE NAIL	3-16d	4-3"x0.131"	4-3" 14 GA

NOTES:
A. COMMON WIRE NAILS ONLY ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
B. STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16".

4 NAIL FASTENING SCHEDULE
NO SCALE

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SECTIONS & DETAILS

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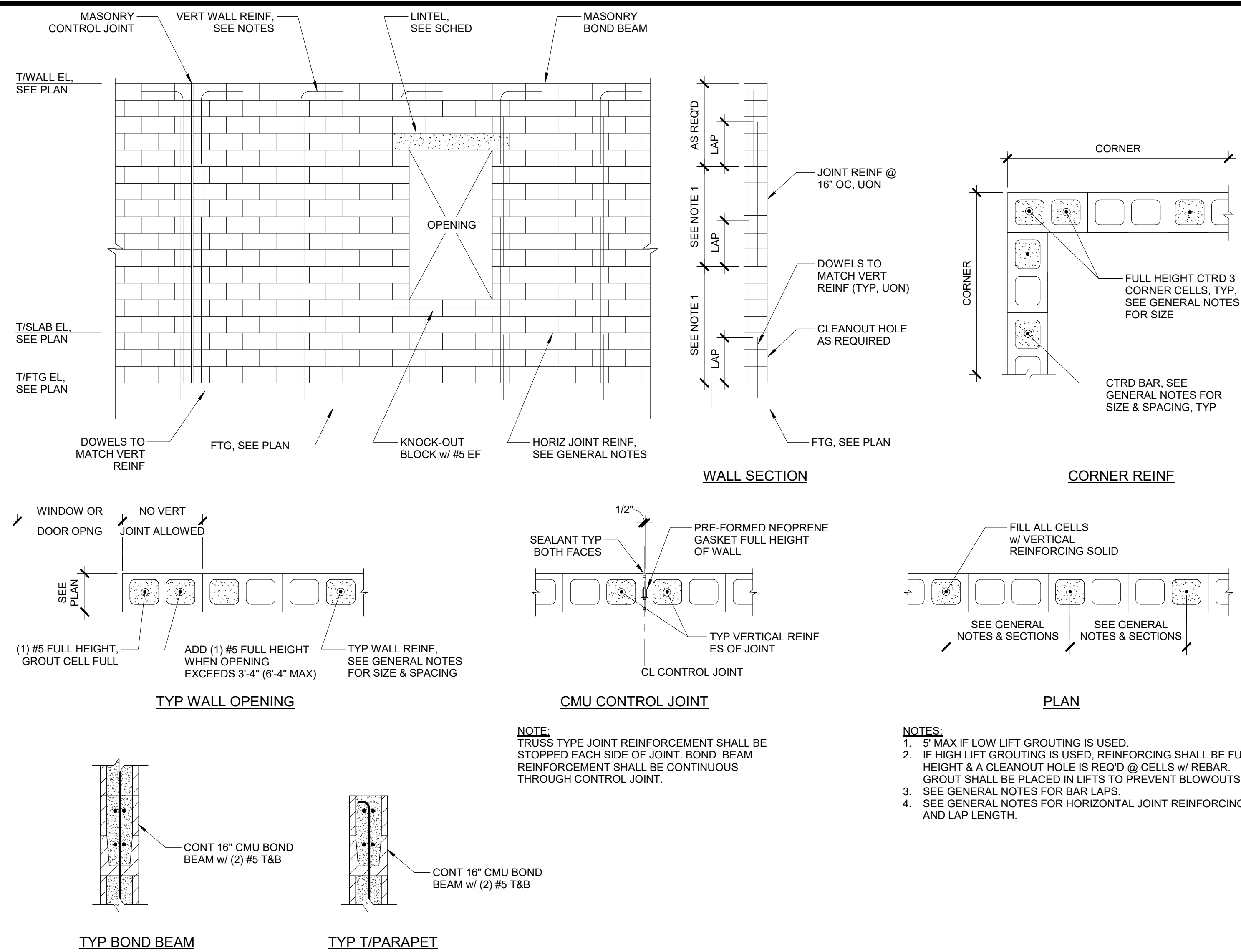
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24005

DRAWING TITLE:
MASONRY SECTIONS & DETAILS

SHEET NO.

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1 TYP REINFORCING CMU WALL DETAILS
NO SCALE

2 TYP CMU LINTEL DETAIL
NO SCALE

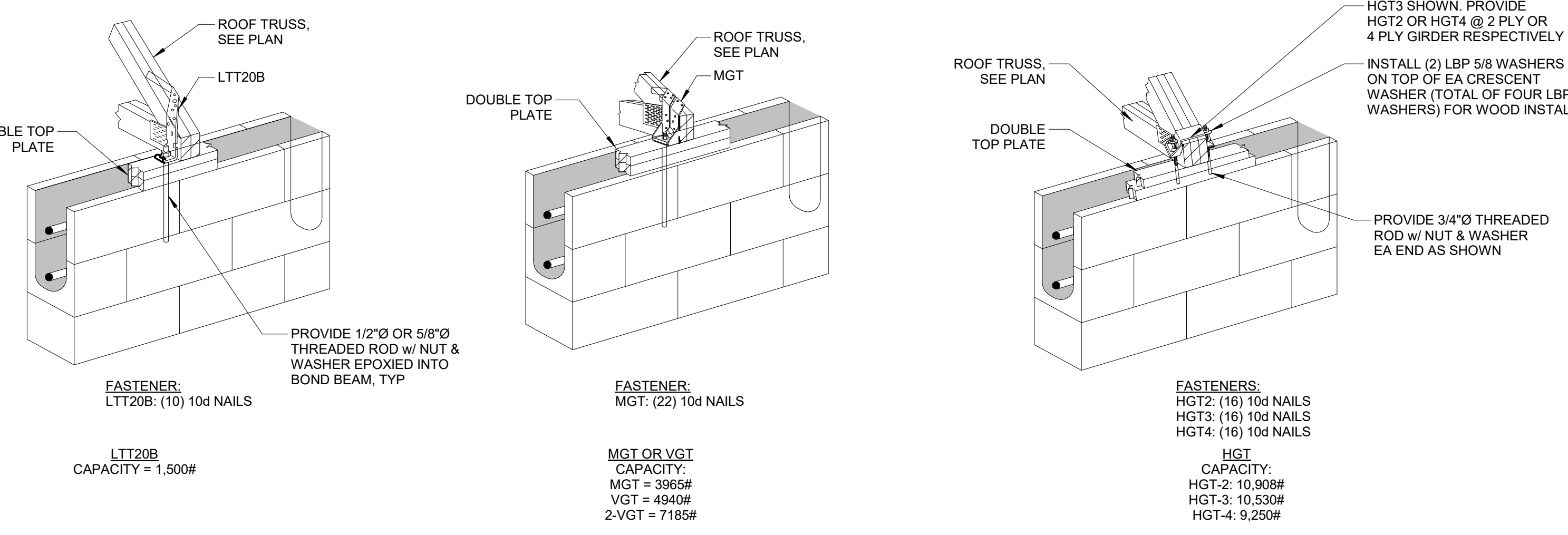
LOCATION	UPLIFT	FASTENER (1)	TRUSS/RAFTER	PLATE/FDN
ROOF TRUSS (2)	<800#	2-H2.5A	5-8d	5-8d
	<1200#	2-H2.5A (1 ES OF WALL)	5-8d	5-8d
	>1200#	SEE DETAIL 3/S4.1		
TOP PLATE TO CMU WALLS (6) (7)		1/2"Ø ANCHOR BOLT w/ 2x2x1/8" PL WASHER OR "MASA" @ 32"		

NOTES:
1. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE. UON. OTHER MANUFACTURERS MAY BE SUBSTITUTED. NAIL SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
2. IN ADDITION TO SCHEDULED HOLD DOWN, PROVIDE (3) 8d TOE NAILS.
3. EMBEDMENT OF ANCHOR BOLTS SHALL BE AS FOLLOWS:

BOLT TYPE	1/2"Ø	5/8"Ø
EMBEDDED ANCHOR INTO TOP OF CMU WALL	7"	12"
EPOXIED THREADED ROD	--SEE GENERAL NOTES--	
EXPANSION ANCHOR	--SEE GENERAL NOTES--	

EDGE DISTANCE FOR SILL PLATE BOLTS SHALL BE A MIN OF 1/2" OF SILL WIDTH. EDGE DISTANCE FOR HOLD DOWNS AND ALL OTHERS SHALL BE 2 1/2" MIN. EMBEDDED ANCHOR BOLTS SHALL BE HEADED OR BE THREADED RODS WITH A NUT ATTACHED TO THE EMBEDDED END. J-BOLTS GREATER THAN 1/2" Ø ARE NOT PERMITTED.

4 CMU FASTER SCHEDULE
NO SCALE



3 TYP GIRDER HOLDDOWNS AT CMU
NO SCALE

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