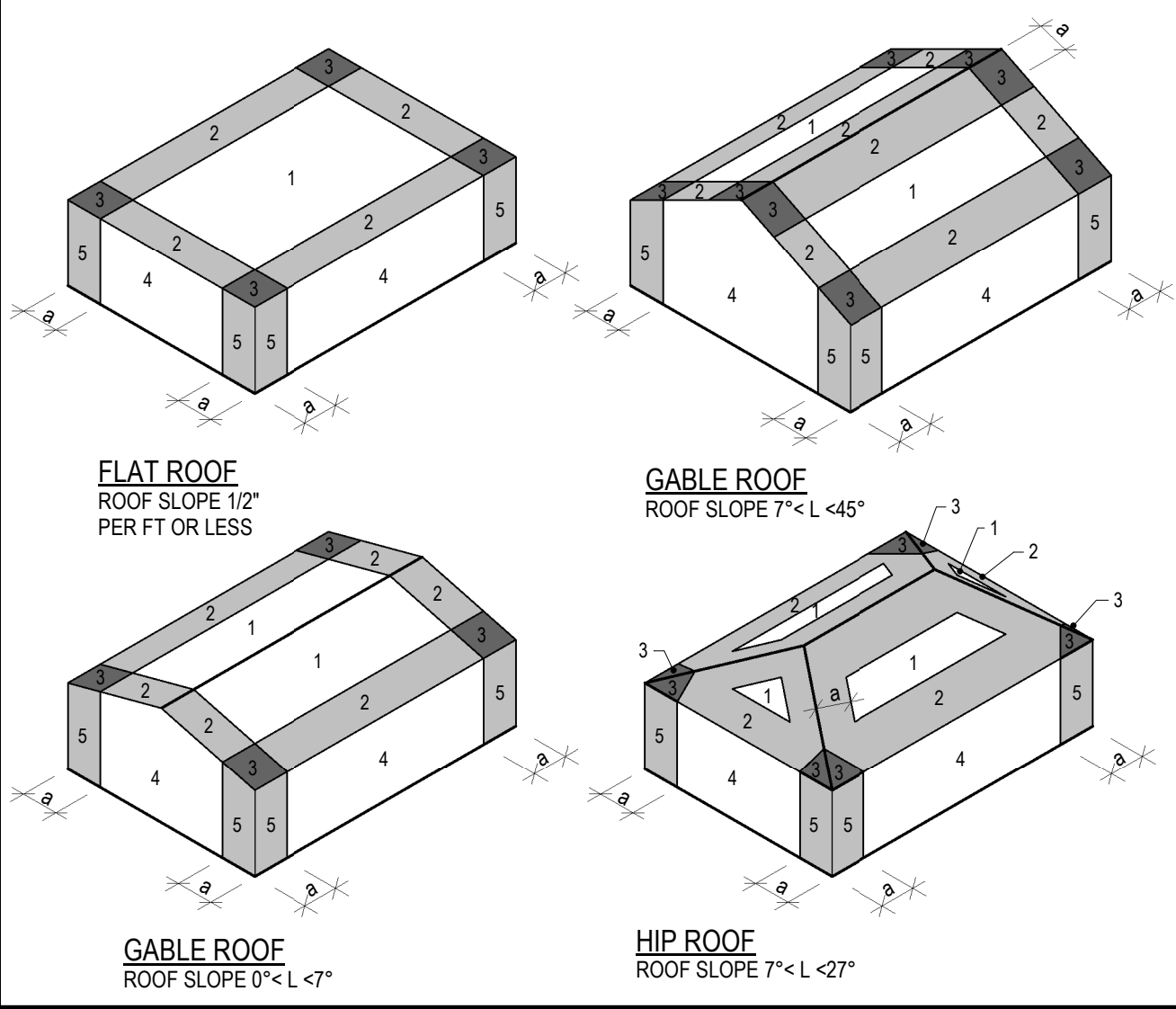
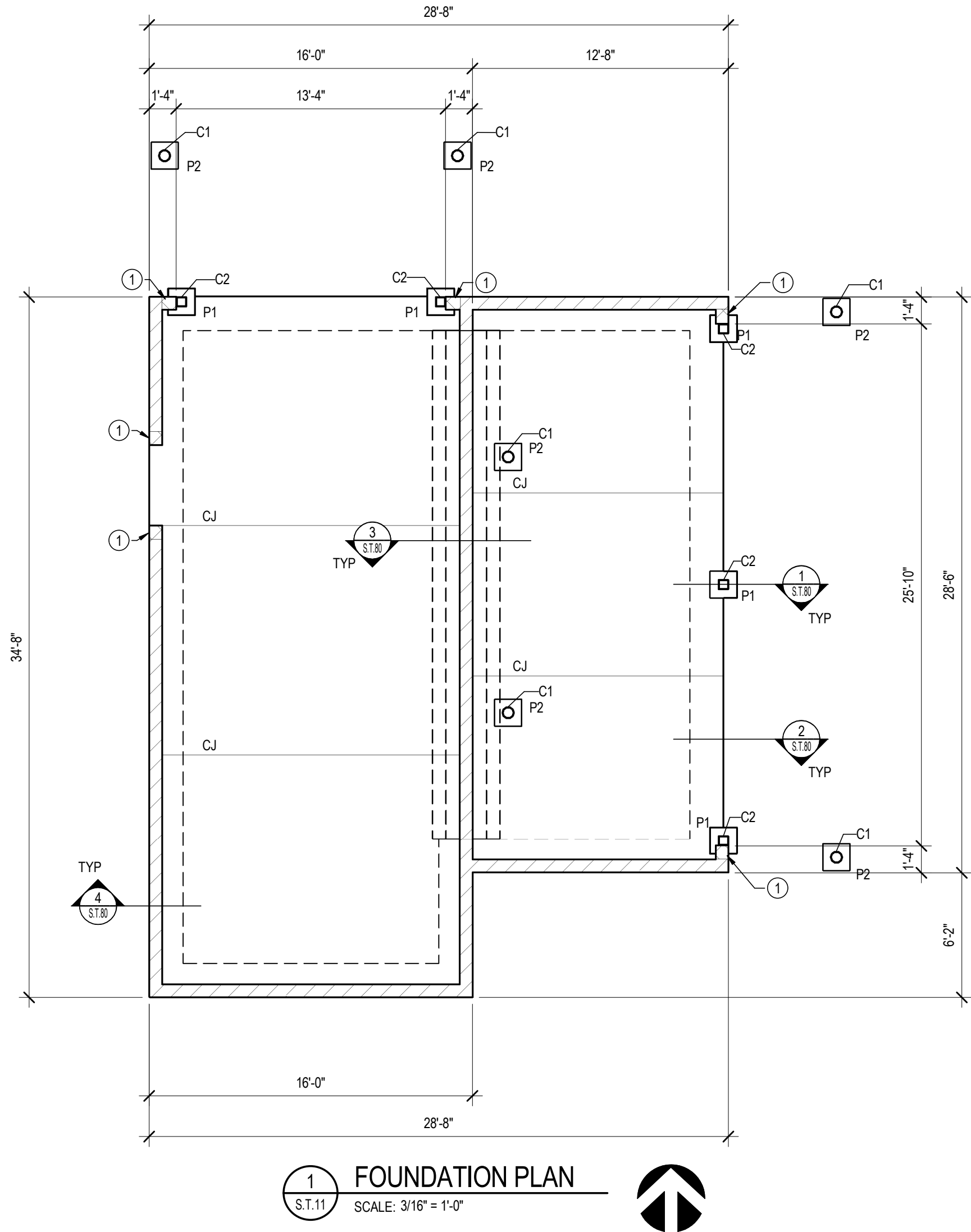


NOTES:

- 1) WIND PRESSURES PROVIDED IN TABLE ABOVE ARE BASED ON SIMPLIFIED PROVISIONS FOR ENCLOSED REGULAR-SHAPED BUILDINGS WITH MEAN ROOF HEIGHT LESS THAN OR EQUAL TO 60'-0" (ASCE 7-10)
- 2) (+) = POSITIVE (INWARD) PRESSURE.
(-) = NEGATIVE (OUTWARD) PRESSURE.
SF = SQUARE FEET
- 3) FOR EFFECTIVE MEMBER AREAS NOT SPECIFICALLY LISTED, INTERPOLATE OR USE LARGEST VALUE OF WIND PRESSURE/SECTION NOTED. DO NOT USE 1/3 STRESS INCREASE FOR MEMBER DESIGN WITH VALUES NOTED IN THIS TABLE.
- 4) FOR VALUES INDICATED BY THE FINAL VALUE, INCLUDING ALL PERMITTED REDUCTIONS, USED IN THE DESIGN SHALL NOT BE LESS THAN A NET PRESSURE OF 16 PSF ACTING IN ANY DIRECTION NORMAL TO THE SURFACE.
- 5) LENGTH NOTED "n" = 3.0 FEET

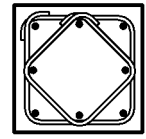


S.0



CONCRETE PIER SCHEDULE						
MARK	PIER DIMENSIONS		PIER TYPE	REINFORCEMENT		REMARKS
	X	Y		VERTICAL	TIES	
P1	16"	16"	I	(8) #5	#3 AT 12" OC.	TOP OF SLAB IS EQUAL TO TOP OF PIER
P2	16"	16"	I	(8) #5	#3 AT 12" OC.	REFER TO CIVIL PLANS FOR ELEVATIONS

- NOTES:
- REFERENCE DETAIL 1/S.T.11 FOR TYPICAL PIER INFORMATION.
 - PROVIDE 2" CLEAR COVER AT ALL PIER TYPES
 - PIER TYPES:



FOUNDATION PLAN NOTES

- SEE STRUCTURAL NOTES FOR ADDITIONAL FOUNDATION REQUIREMENTS.
- ELEVATION 100'-0" ON STRUCTURAL DRAWINGS CORRESPONDS TO FINISHED FLOOR ELEVATION SHOWN ON SITE PLAN. TOP OF SLAB ELEVATION VARIES. REFER TO ARCHITECTURAL DRAWINGS FOR SLAB PITCH.
- FOUNDATIONS SHALL BE POST TENSIONED SLAB DESIGNED BY OTHERS. SEE S.O. S.T.80, AND S.T.90 FOR ADDITIONAL DETAILS. ALL CONCRETE PIERS SHALL BE MILD REINFORCED. REFER TO GEOTECH REPORT FOR BASE REQUIREMENTS.
- PROVIDE SOIL TREATMENT FOR TERMITE PROTECTION PER THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE SECTION 1816.
- OVER-EXCAVATION PER DETAIL 2/S.T.90 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.
- ADDITIONAL DETAILS THAT MAY APPLY BUT, ARE NOT SPECIFICALLY REFERENCED.
1/S.T.90 MASONRY BOND BEAM CORNER REINFORCEMENT PLAN DETAIL

FOUNDATION KEY NOTES

- 8"x8" MASONRY PIER WITH (1) #5 VERTICAL GROUTED SOLID FULL-HEIGHT.
- NOTE: CONCRETE PIERS ARE NOT POST TENSIONED.

FOUNDATION LOADS:

TYPICAL WALL:
DL (VERTICAL)= 600 LB./FT.
WL (SHEAR) = 400 LB./FT.
WL (MOMENT) = 2,000 LB.-FT./FT.
SUPERIMPOSED SLAB LOADS:
DL = 10 PSF (+SLAB SELF-WEIGHT)
LL = 250 PSF

NOTE: ALL LOADS ARE SERVICE LEVEL LOADING.

STEEL COLUMN SCHEDULE		
COLUMN MARK	C1	C2
CAP PLATE	-	1/4"
COLUMN SIZE	8" DIA. STEEL PIPE BOLLARD SEE ARCH	HSS8X8X1/4
ANCHOR BOLTS	EMBED MIN 42"	NOTE 1
BASE PLATE	-	3/4"x12"x1'-0"
DETAILS, NOTES	-	2/S.T.11

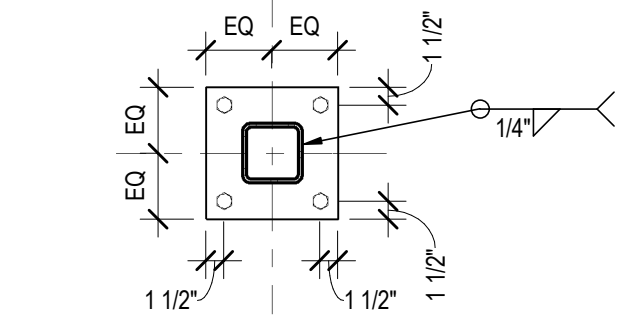
STEEL COLUMN SCHEDULE NOTES:

- FASTEN COLUMN TO TOP OF CONCRETE USING (4) 3/4" DIA. SIMPSON WEDGE-ALL EXPANSION ANCHORS (9" MIN EMBED). PROVIDE 1 1/2" OF GROUT MEETING MATERIAL STRENGTHS BELOW.
- STEEL FRAMING MUST COMPLY WITH PROPERTIES LISTED BELOW.

- STRUCTURAL STEEL (SHAPES)
HSS SHAPES – RECTANGULAR (ASTM A500, GRADE C)
STEEL PIPE – (ASTM A53, GRADE B)
PLATES (ASTM A36)
- STRUCTURAL STEEL (CONNECTIONS)
WELDING ELECTRODES
GROUT (ASTM C1107)

Fy = 50,000 PSI; Fu = 62,000 PSI
Fy = 35,000 PSI; Fu = 60,000 PSI
Fy = 36,000 PSI; Fu = 58,000 PSI

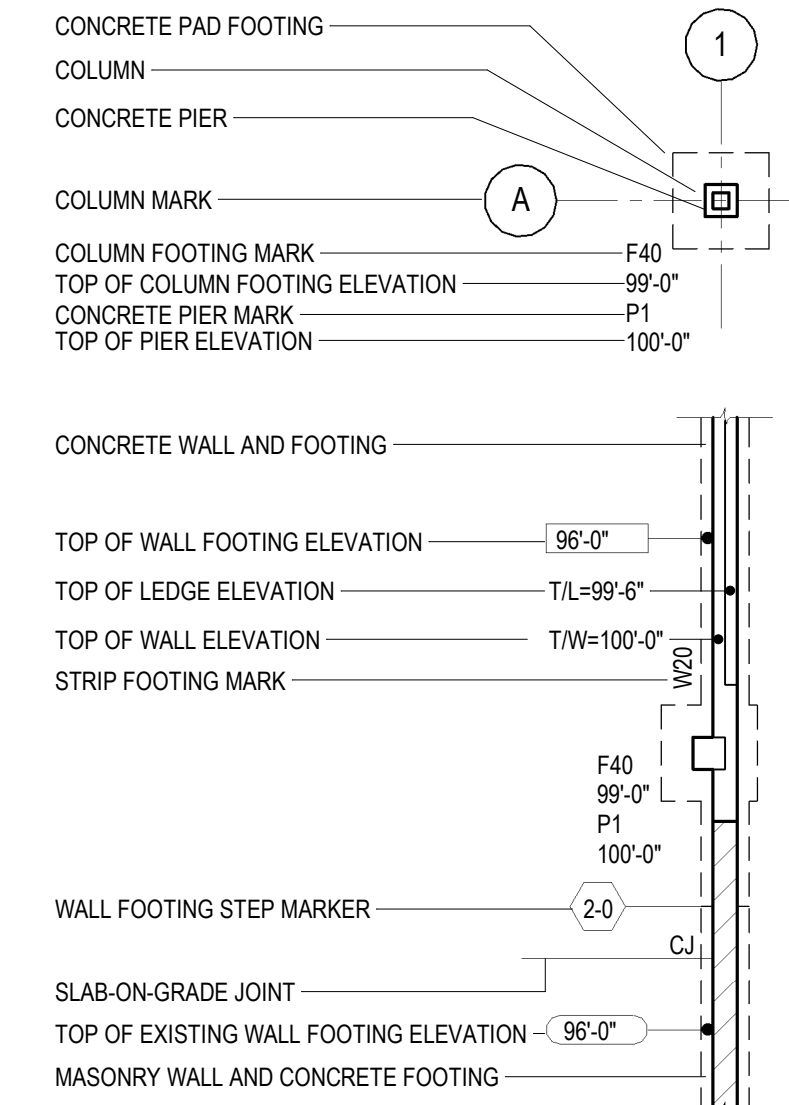
E70XX
Fc = 5,000 PSI



2 GRAVITY HSS ANCHOR LAYOUT

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

FOUNDATION LEGEND



Revisions

BID/PERMIT SET

Drawing Date
JANUARY 31, 2018

TRASH ENCLOSURE

SPRINGS AT HAMMOCK COVE
THOMASSON DR. & CARDINAL WAY
NAPLES, FL 34112

Project No.
216026.04

Sheet Title

PLANS AND SCHEDULES - TRASH ENCLOSURE

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Sheet No.

S.T.11



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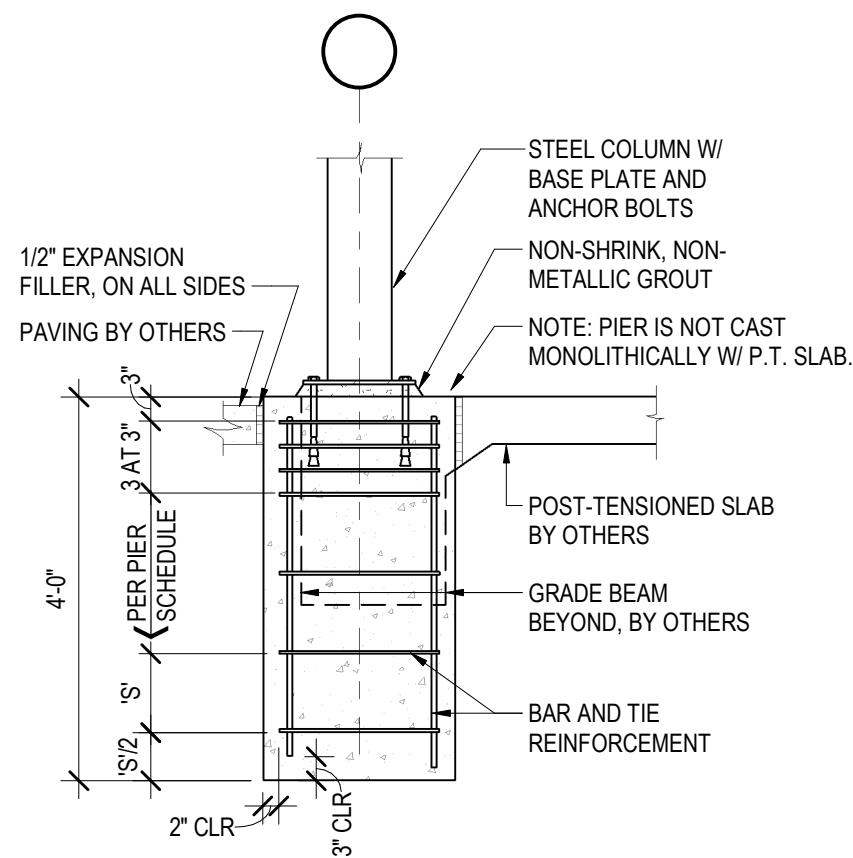
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JANUARY 31, 2018

TRASH ENCLOSURE

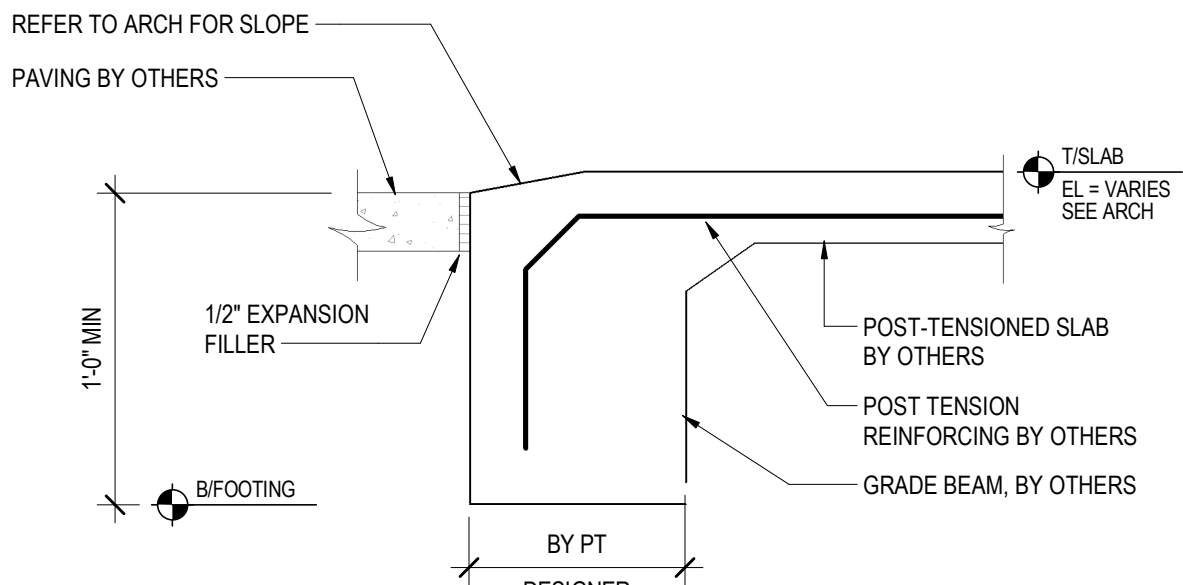
SPRINGS AT HAMMOCK COVE
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216026.04

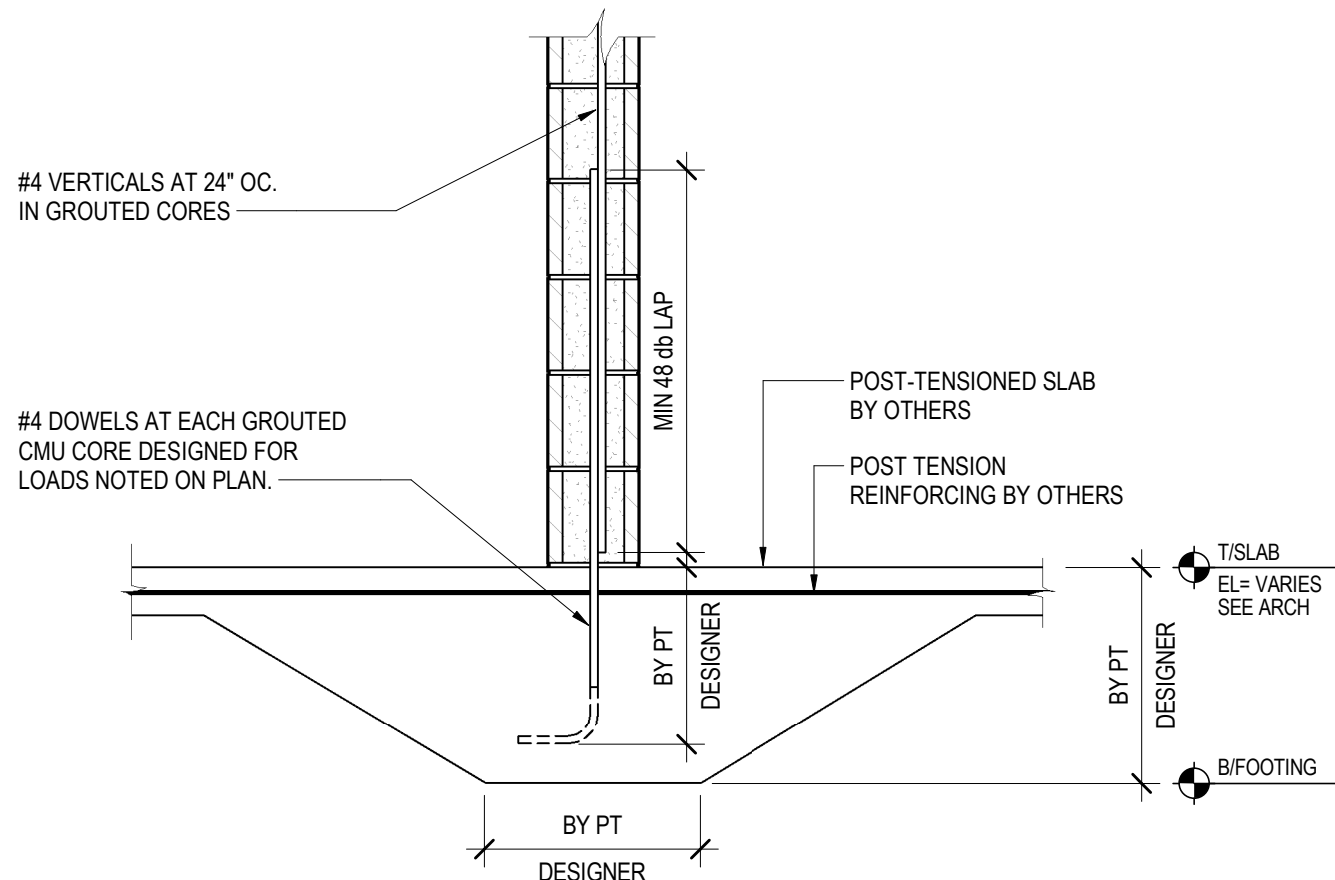
Sheet Title
FOUNDATION DETAILS
- TRASH ENCLOSURE



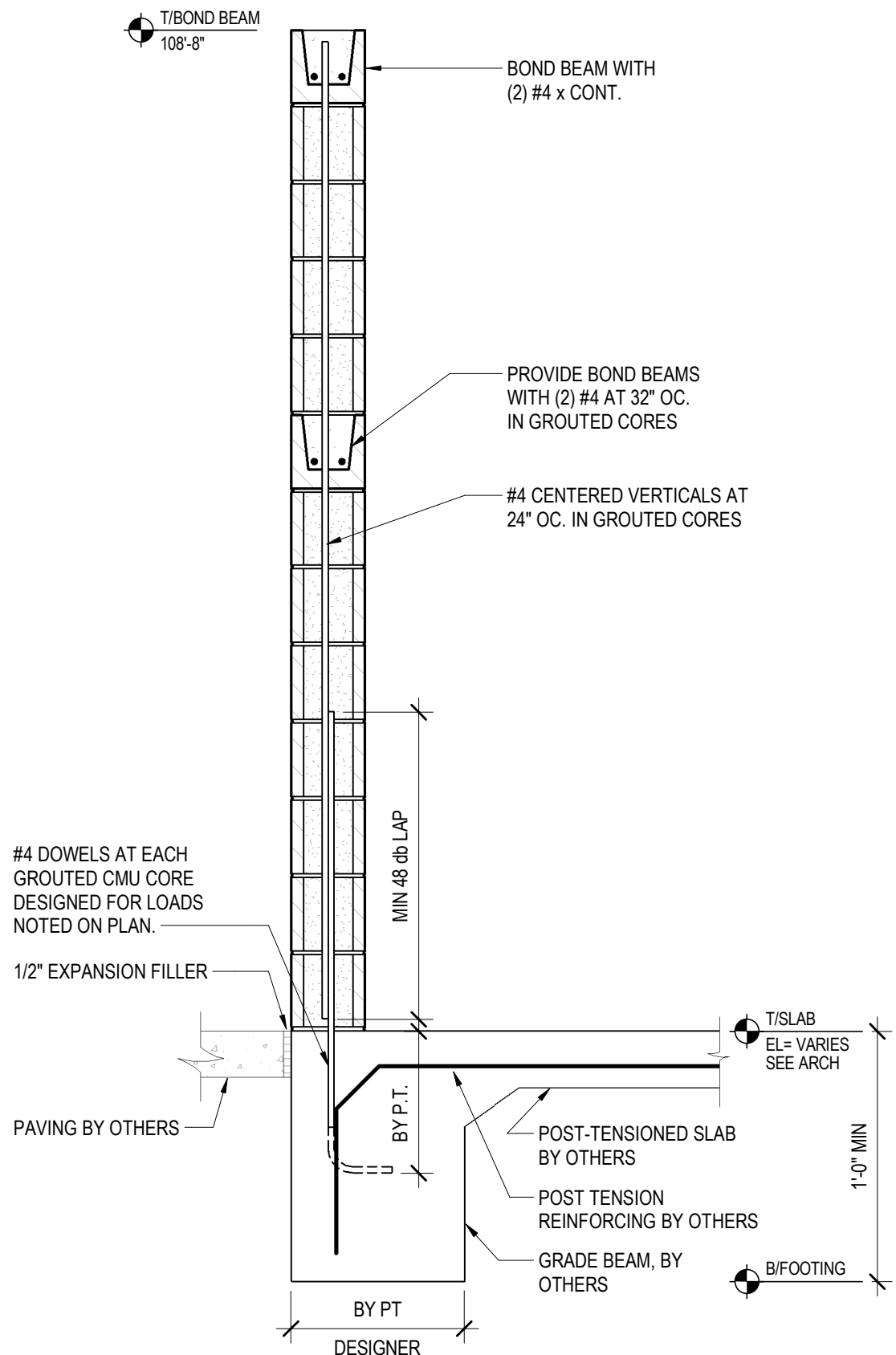
1 TYPICAL CONCRETE PIER
SCALE: 1/2" = 1'-0"



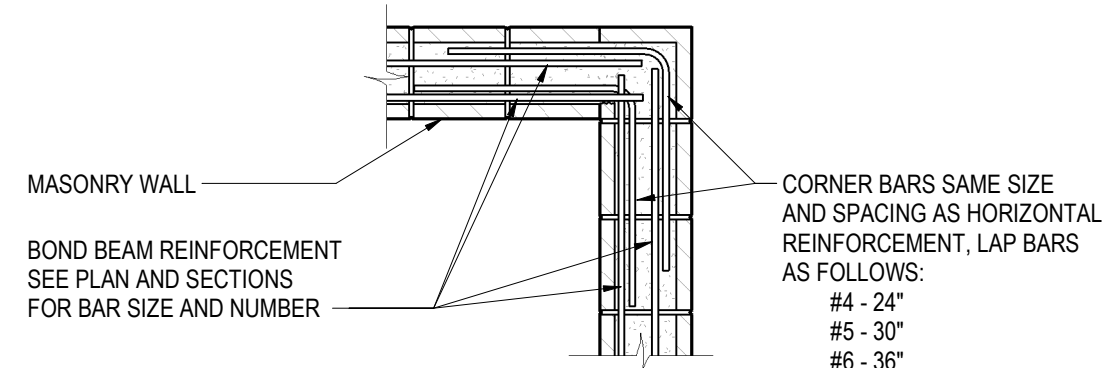
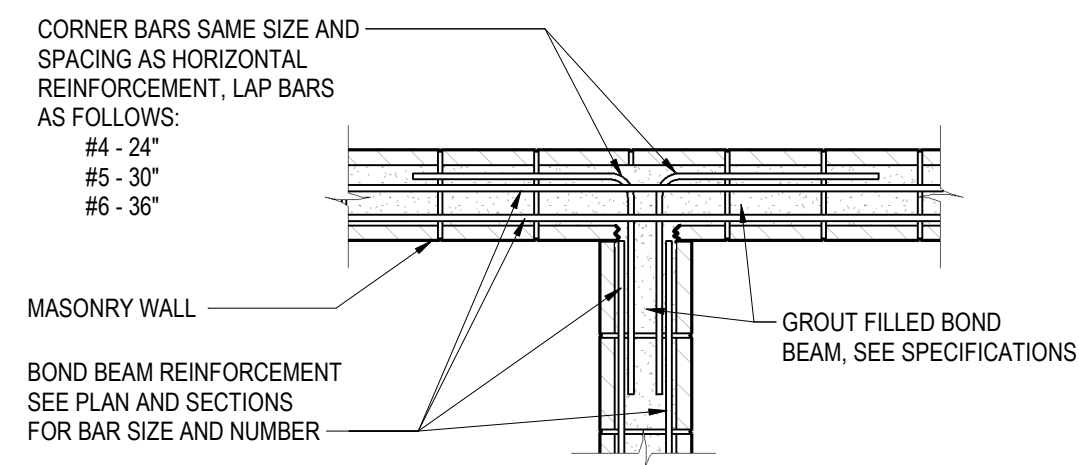
2 SLAB AT ENTRY
SCALE: 3/4" = 1'-0"



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



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

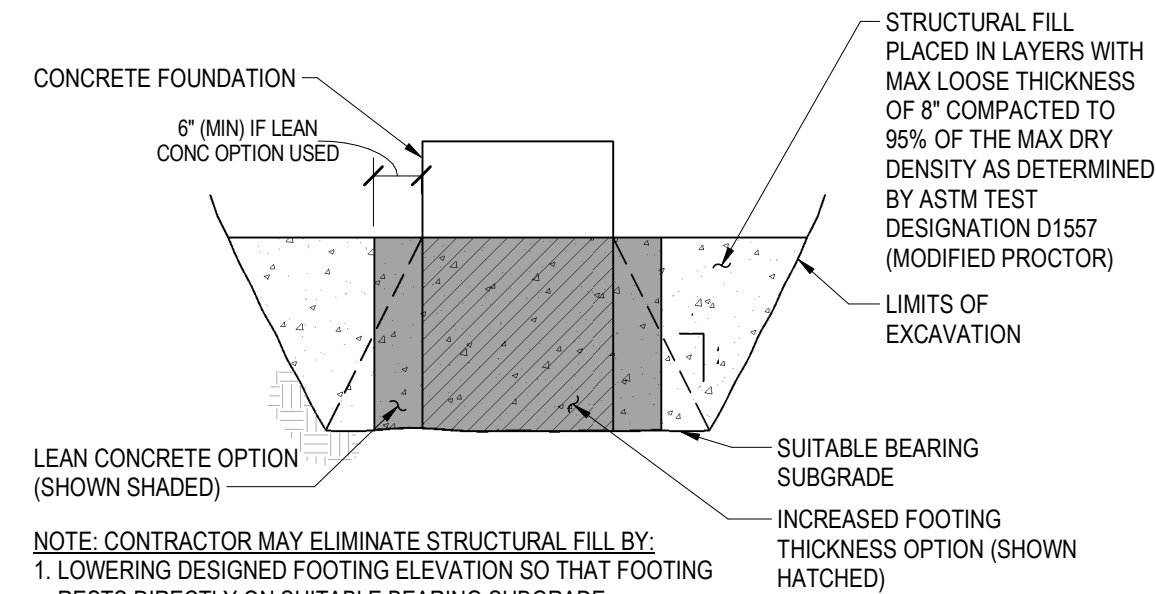


MASONRY BOND BEAM
CORNER REINFORCEMENT PLAN DETAIL

1

S.T.90

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



NOTE: CONTRACTOR MAY ELIMINATE STRUCTURAL FILL BY:
 1. LOWERING DESIGNED FOOTING ELEVATION SO THAT FOOTING RESTS DIRECTLY ON SUITABLE BEARING SUBGRADE
 2. PROVIDING LEAN CONCRETE ($f'_c = 500$ PSI) UNDER THE FOOTING TO SUITABLE BEARING SUBGRADE AS SHOWN SHADED ABOVE. (NOT APPLICABLE IN GRANULAR SOILS)
 3. INCREASING FOOTING THICKNESS TO REACH SUITABLE BEARING SUBGRADE AS SHOWN HATCHED ABOVE.

INCREASED FOOTING THICKNESS OPTION (SHOWN HATCHED)

THIS DETAIL APPLIES ONLY AT THOSE LOCATIONS WHERE GEOTECHNICAL ENGINEER
DEEMS SOILS AT DESIGN FOOTING ELEVATIONS INADEQUATE FOR FOOTING
SUPPORT

OVER EXCAVATION

2

S.T.9

SCALE: 1/2" = 1'-0"



Revisions

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Sheet Title

STRUCTURAL DETAILS - TRASH ENCLOSURE

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