Building category:	2
Terrain category:	D
Exposure category:	Partially
2010 NYBC Chapter 3 Occupancy classification:	S1
2010 NYBC Chapter 6 Type of Construction:	2B
2010 NYBC figure 1608.2 ground snow load w/ adjustment for elevation (PG') psf:	50.0
2010 NYBC table 1804.2 presumptive soil bearing value psf:	1500
ASCE 7-05 table 7-2 exposure factor (Ce):	1.0
ASCE 7-05 table 7-4 snow load importance factor (I):	1.0
ASCE 7-05 - 7.3 roof snow load (Pf) psf:	42.0
ASCE 7-05 table 7-3 thermal factor (Ct):	1.2
Roof dead load (psf):	5
Ceiling dead load (psf):	5
ASCE 7-05 figure 6-5 internal pressure coefficient (GCPI) +/-:	0.18
2010 NYBC figure 1609 - basic wind speed (V) mph:	90.000
ASCE 7-05 table 6-1 wind importance factor (I):	1.000
2010 NYBC 1609.4.3 exposure category:	B
Design wind pressure (psf):	10.00
ASCE7-05 table 11.5-1 seismic importance factor:	1.00
2010 NYBC figure 1613.5(1) .2 sec spectral response (SS):	0.16
2010 NYBC figure 1613.5(2) 1 sec spectral response (S1):	0.06
2010 NYBC table 1613.5.2 site class:	D
2010 NYBC 1613.5.4 - 5% damped design spectral response @ short periods (Sds):	0.171
2010 NYBC 1613.5.4 - 5% damped design spectral response @ 1-sec periods (Sd1):	0.096
2010 NYBC 1613.5.6 seismic design category:	B
ASCE 7-05 table 12.2-1 building frame system:	23
ASCE 7-05 response modification coefficient (R):	7
ASCE 7-05 formula 12.8-2 seismic response (Cs):	0.02
ASCE 7-05 12.6 analysis procedure selection:	12.8 Equivalent Lateral force procedure
ASCE 7-05 formula 12.8-1 seismic base shear (V):	18.01

STRUCTURAL ANALYSIS
Michael A. Sinniger, P.E. #059977

FINGERLAKES CONSTRUCTION
1-800-328-3522
WWW.FINGERLAKESCONSTRUCTION.COM

NFBA ACCREDITED POST-FRAME BUILDER

DRAWING INDEX: COVER,P1,P2,E1,S1,S2

#	ISSUED:	DATE:	#	ISSUED:	DATE:
1	PERMIT DRAWINGS	-	-	-	-

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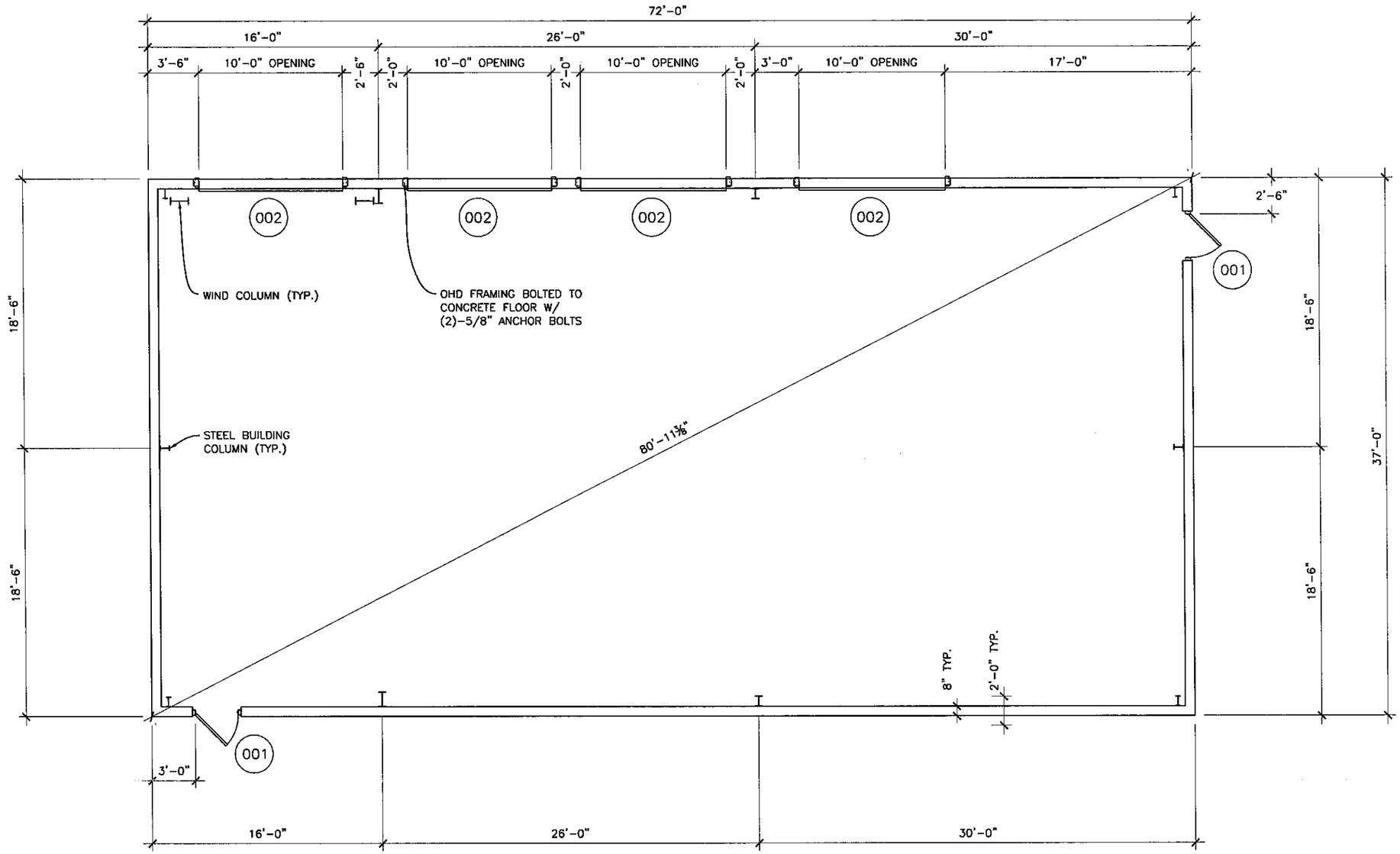
JOB NUMBER & NAME:
3C7208N CARVER CONSTRUCTION

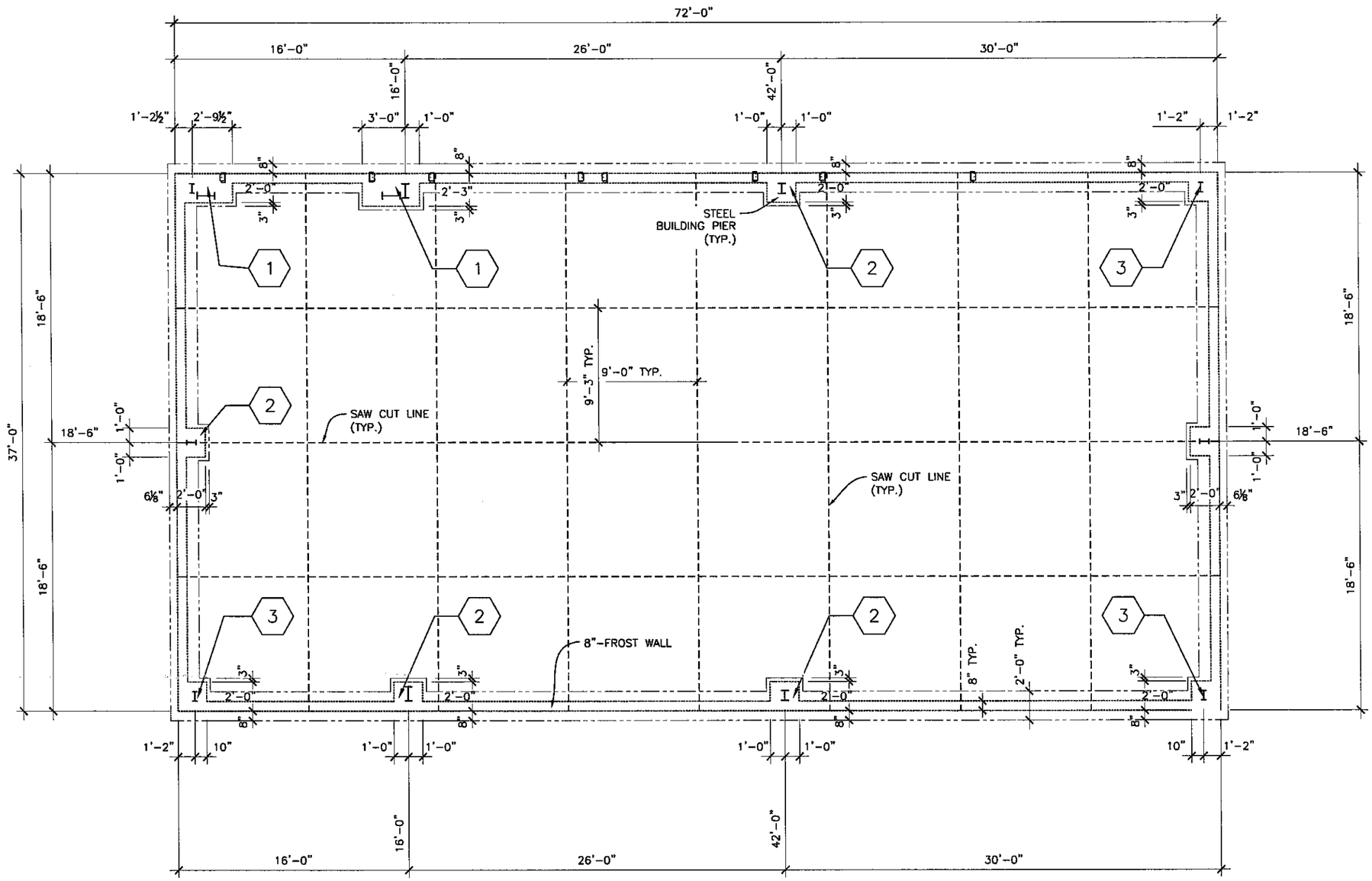
DRAWN BY:
JFLEURY



FLOOR PLAN

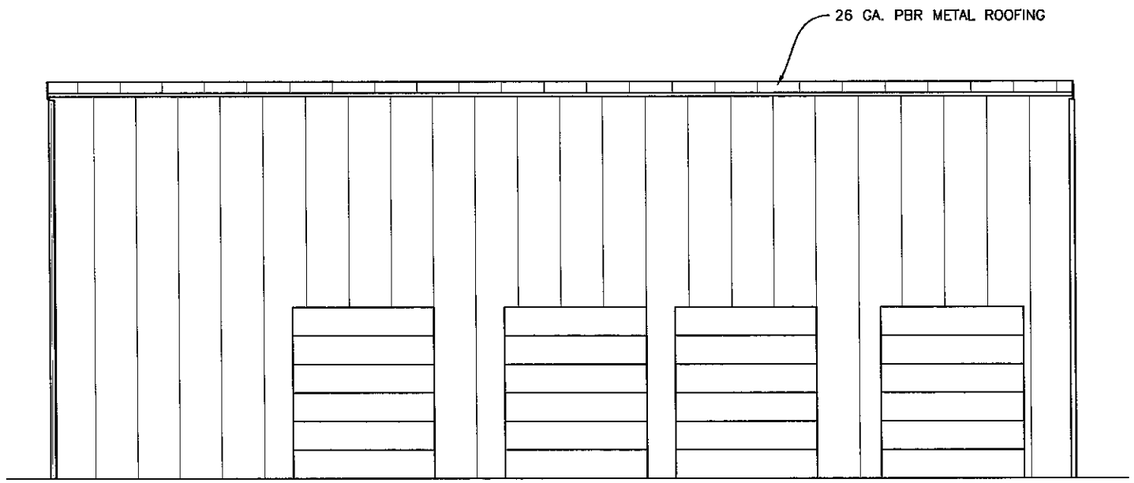
1/8" = 1'-0"

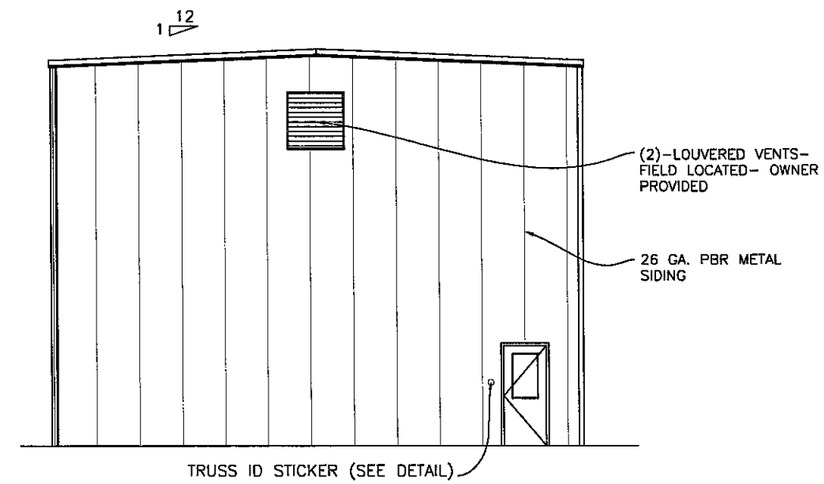
DOOR SCHEDULE									
DOOR					PANEL		HARDWARE	NOTES	QTY
#	TYPE	MODEL	SIZE WxH	COLOR	TYPE	GLASS	TYPE		
001	PASS DOOR	METALLIC	3'-0" x 7'-0"	WH	–	1LB 22"X36"	KA LEVER LOCKSET W/ CLOSURE	--	2
002	OHD OPENING	--	10'-0" x 12'-0"	--	--	--	HIGH LIFT	--	4

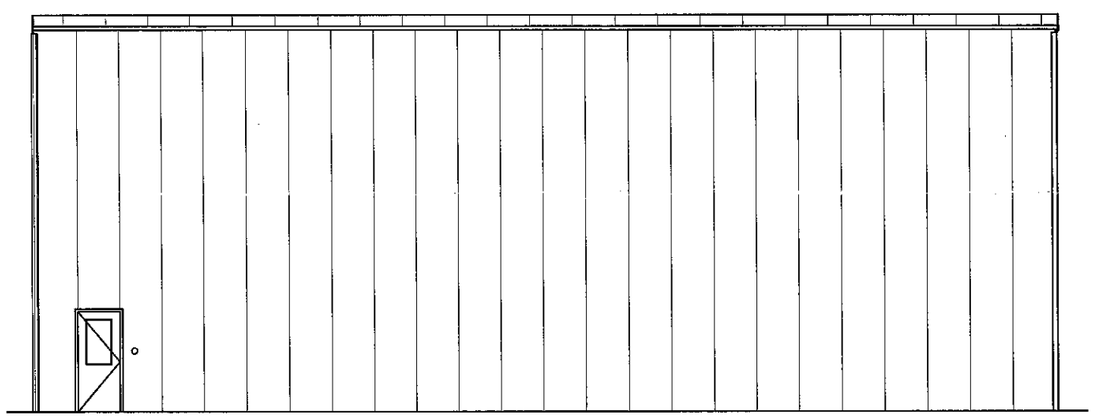


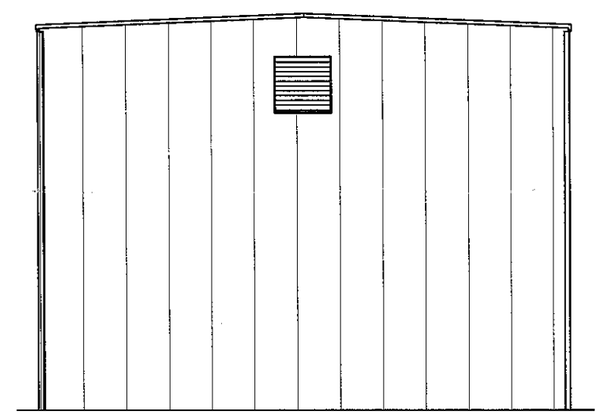
FOUNDATION LAYOUT

1/8" = 1'-0"







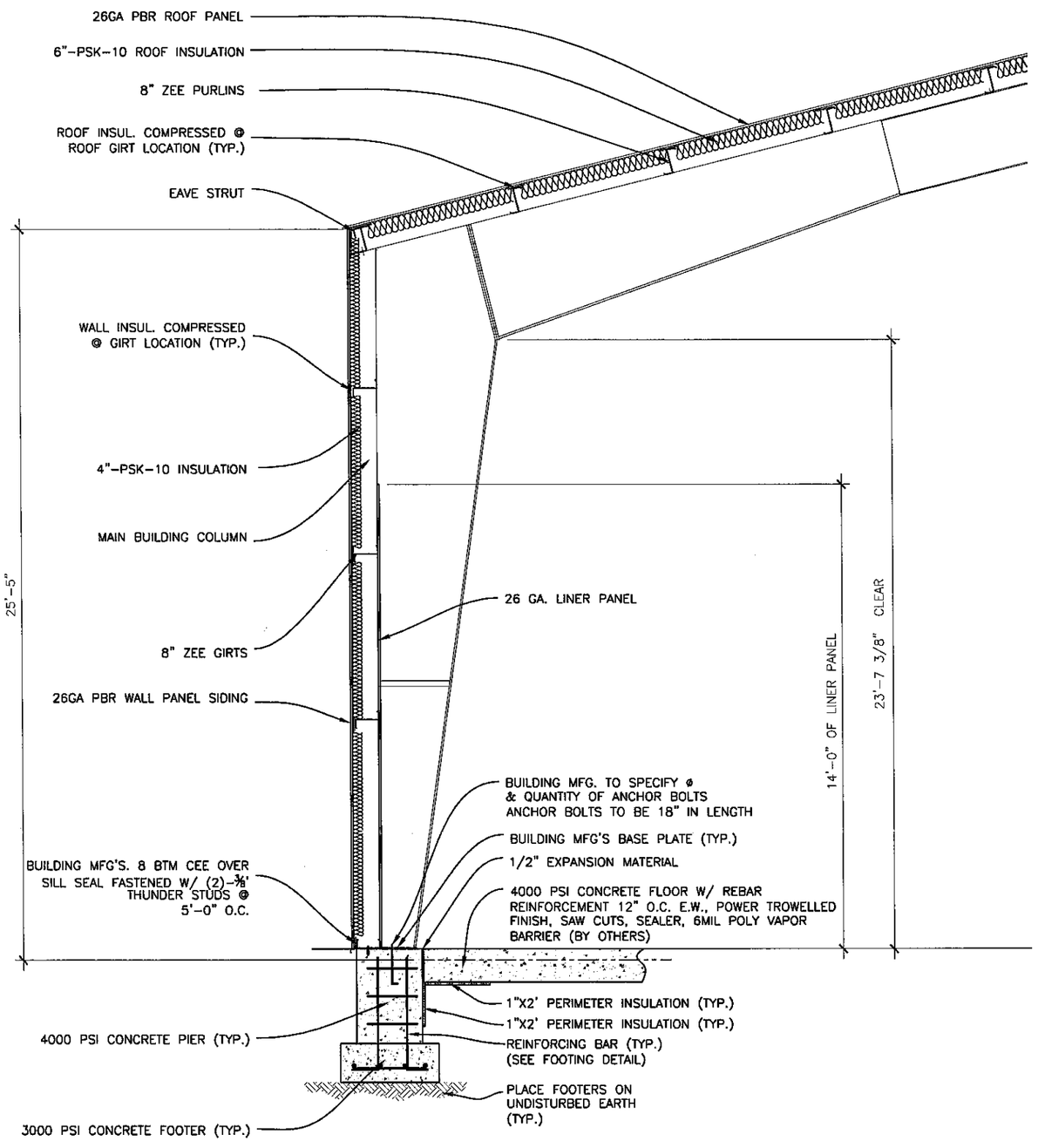


NOTE: FLC TO PROVIDE FLASHING FOR
(8)-ROOF PENETRATIONS & (4)-WALL
PENETRATIONS

ELEVATION

NOT TO SCALE

E1



SECTION

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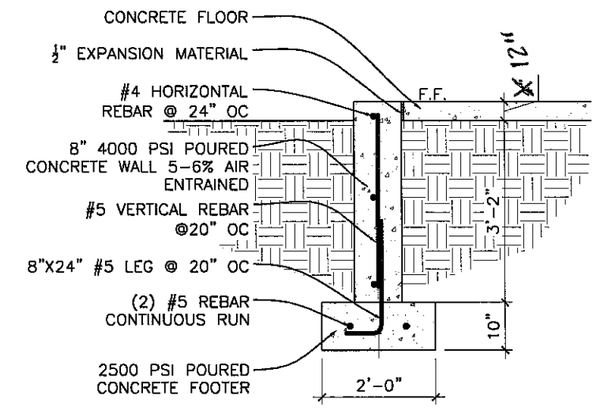
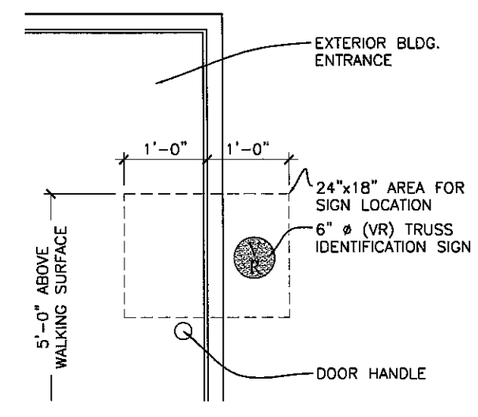
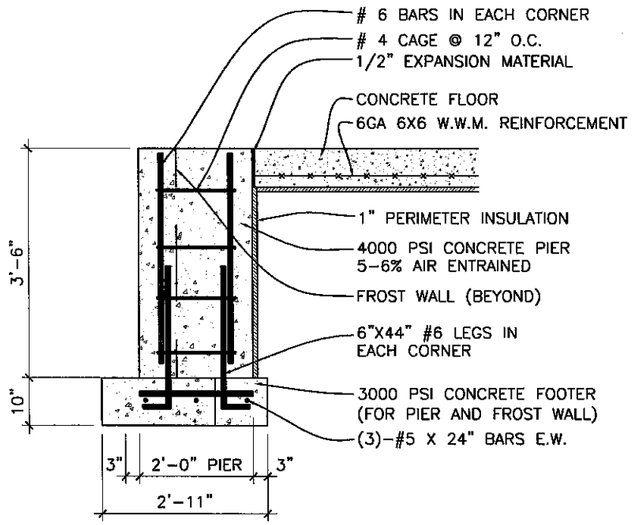


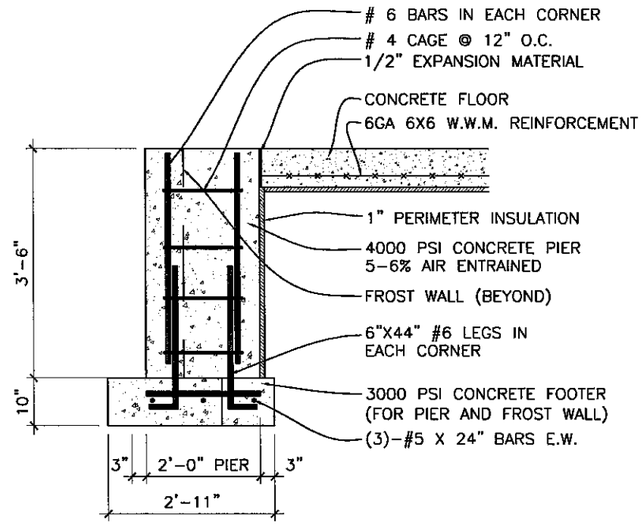
FROST WALL X-SECTION



TRUSS IDENTIFICATION SIGN



1 PIER DETAIL



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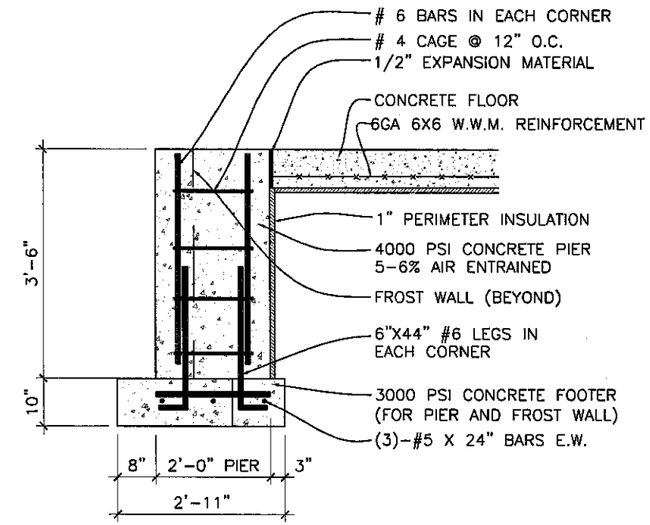
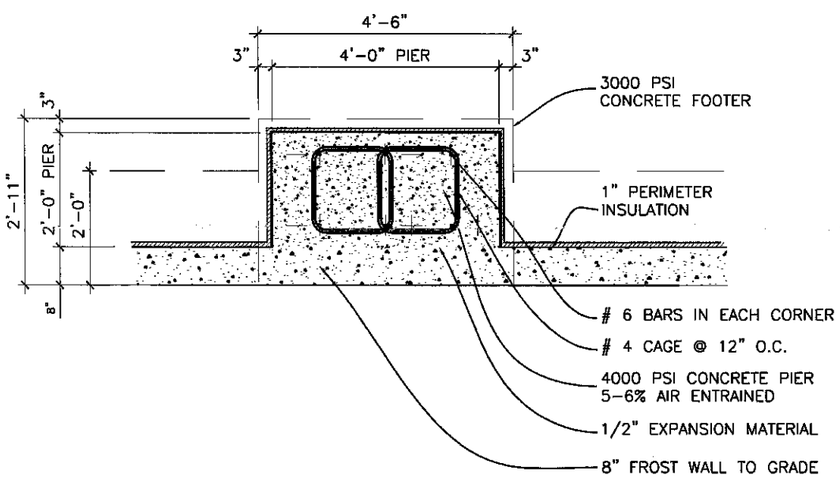
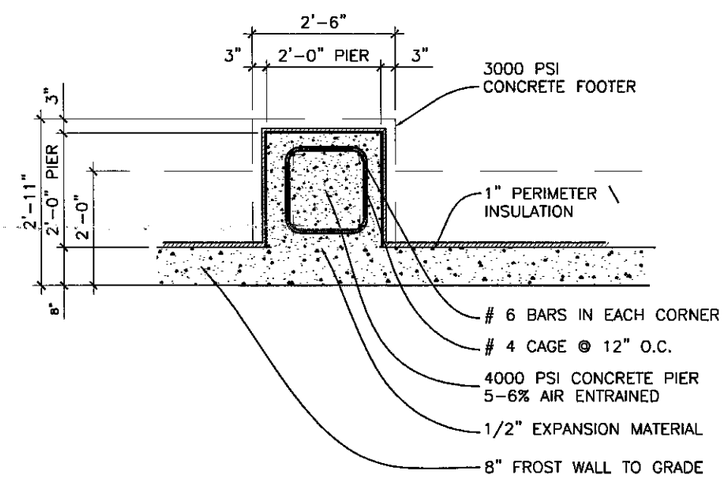


3 PIER DETAIL



1 PIER DETAIL (TOP VIEW)



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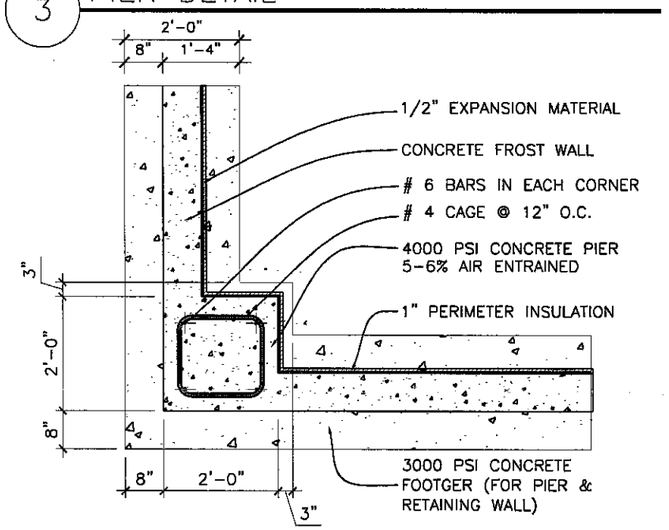

3 PIER DETAIL (TOP VIEW)