

NEW NEW SALES AREA AND WAREHOUSE ADDITION FOR DISCOUNT OUTLET

1070 FIRST STREET N.E.

MASSILLON, OHIO

ISSUED FOR PERMIT: SEPTEMBER 9, 2016

INDEX TO DRAWINGS	
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1	SITE PLAN; FLOOR PLAN
2	ELEVATIONS; WALL SECTION
F-1	FOUNDATION PLAN; DETAILS; NOTES
F-2	FOUNDATION DETAILS

GENERAL NOTES

- ALL WORK SHALL BE IN FULL COMPLIANCE WITH NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FURNISHING ALL REQUIRED PERMITS AND INSPECTIONS.
- CONTRACTOR SHALL VERIFY EXISTING CONSTRUCTION AND DIMENSIONS, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
- CONTRACTOR SHALL PERFORM ALL PATCH AND REPAIR WORK, FINISHED TO MATCH ADJACENT LIKE SURFACES, AT ALL LOCATIONS AFFECTED BY DEMOLITION OPERATIONS, OR OTHERWISE GENERALLY IMPLIED, AS NECESSARY FOR CONTINUOUS FINISHES THROUGHOUT THE WORK AREAS.
- ALIGN FINISH SURFACES OF NEW CONSTRUCTION WITH FINISH SURFACES OF EXISTING.
- CONTRACTOR SHALL MAINTAIN ALL REQUIRED EGRESS ROUTES FREE OF CONSTRUCTION EQUIPMENT, MATERIAL AND DEBRIS.

PROJECT DATA - OBC 2011

OCCUPANCY CLASSIFICATION:	EXISTING BUILDING B - BUSINESS
	M - MERCANTILE
	NEW ADDITION M - MERCANTILE
TYPE OF CONSTRUCTION:	EXISTING BUILDING III-B
	NEW ADDITION II-B
AUTOMATIC FIRE SUPPRESSION SYSTEM SHALL BE INSTALLED THROUGHOUT ENTIRE EXISTING BUILDING AND NEW ADDITION, DUE TO FIRE AREA OF M - MERCANTILE OCCUPANCY FIRE AREA IN EXCESS OF 12,000 SF.	
ALLOWABLE BUILDING AREA PER OBC TABLE 503	12,500 SF (M / III-B - MOST RESTRICTIVE)
ALLOWABLE AREA INCREASE PER OBC 506.2 (55%)	6,875 SF
ALLOWABLE AREA INCREASE PER OBC 506.3	<u>37,500 SF</u>
TOTAL ALLOWABLE BUILDING AREA	56,875 SF
ACTUAL BUILDING AREA	EXISTING BUILDING
	B- BUSINESS AREA
	1,640 SF
	M- MERCANTILE AREA
	<u>9,825 SF</u>
	11,565 SF
	NEW ADDITION
	M- MERCANTILE AREA
	<u>6,250 SF</u>
	TOTAL BUILDING AREA
	17,815 SF
BUILDING SHALL BE CONSIDERED AS NON-SEPARATED OCCUPANCIES IN ACCORDANCE WITH OBC 508.3.	
CALCULATED OCCUPANT LOAD:	
	B- BUSINESS AREA (100 GROSS)
	16 PERSONS
	M- MERCANTILE AREA (30 GROSS)
	476 PERSONS
	M- MERCANTILE AREA (300 GROSS)
	<u>6 PERSONS</u>
	498 PERSONS

MINIMUM PLUMBING FIXTURES REQUIRED PER OBC TABLE 2902.1

- (1) JANITOR SINK; (1) DRINKING FOUNTAIN
WOMEN: (1) WATER CLOSET; (1) LAVATORY
MEN: (1) WATER CLOSET; (1) LAVATORY

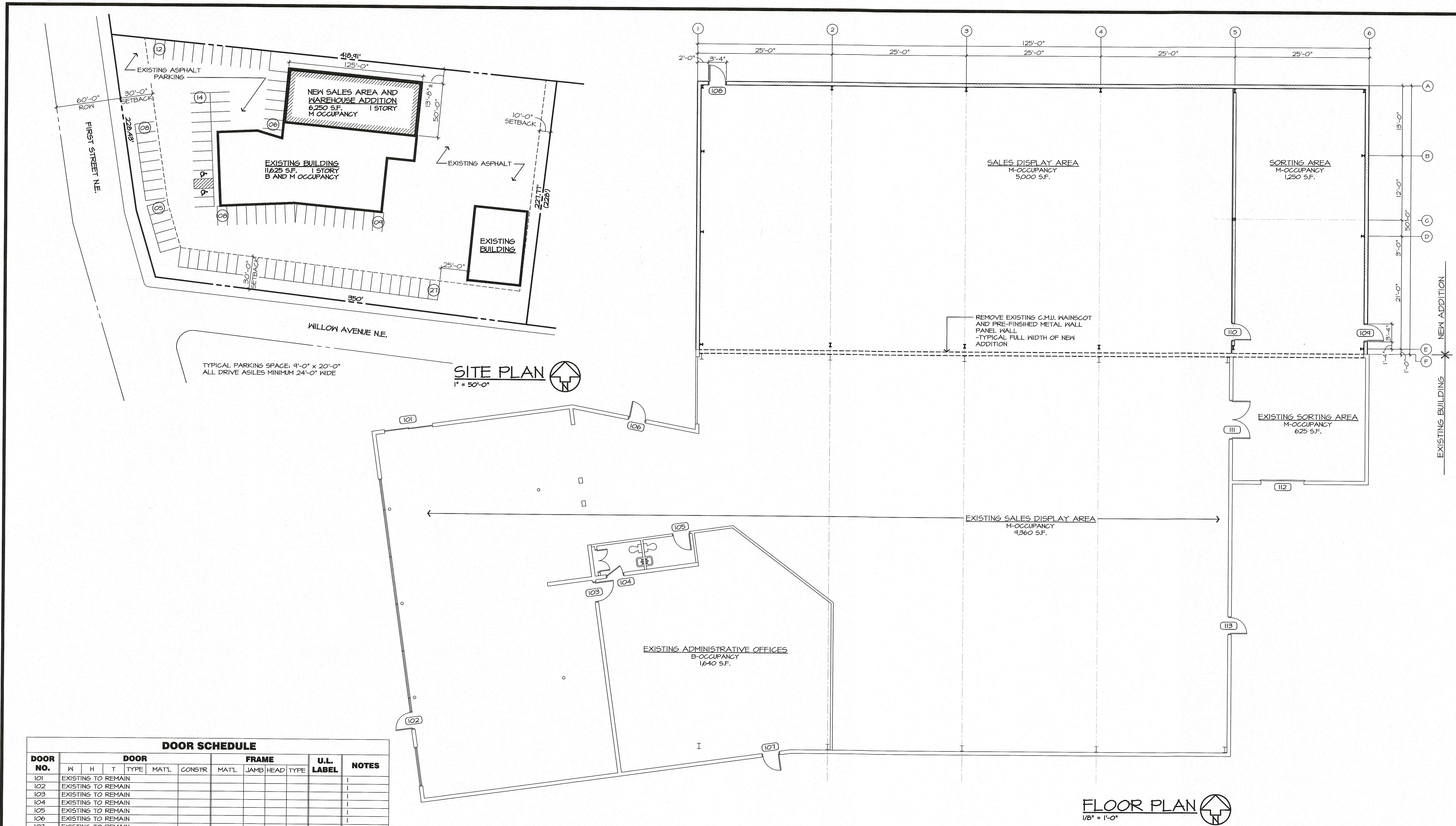
NOTES:

- THE WORK SHOWN ON THE DRAWINGS IS FIELD VERIFIED BY THE ARCHITECT.
- ACCESSIBILITY: ACCESSIBLE ROUTE FROM EXISTING ACCESSIBLE PARKING SPACES WITH COMPLIANT SIGNAGE IS CONFIRMED TO EXISTING BUILDING PRIMARY FUNCTION AREA.

DAVID I. PATTERSON: ARCHITECT

PREPARED FOR:



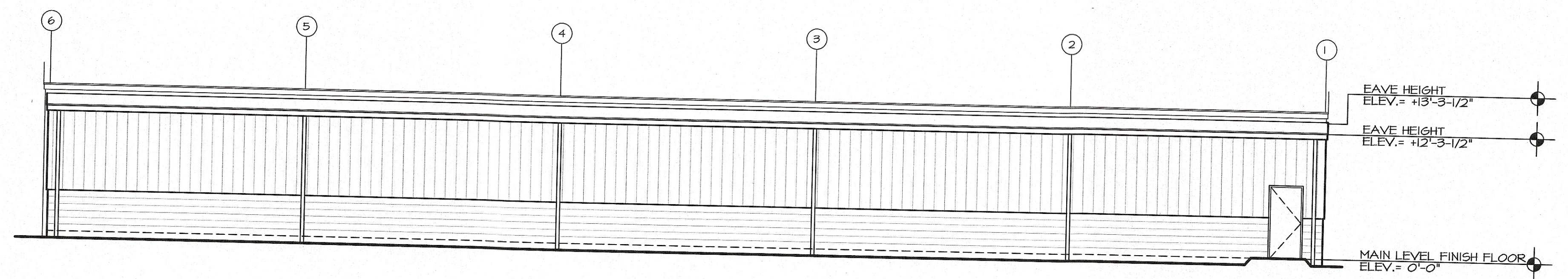


DOOR SCHEDULE												
DOOR NO.	W	H	T	TYPE	MAT'L	CONSTR	MAT'L	JAMB	HEAD	TYPE	U.L. LABEL	NOTES
101	EXISTING TO REMAIN											
102	EXISTING TO REMAIN											
103	EXISTING TO REMAIN											
104	EXISTING TO REMAIN											
105	EXISTING TO REMAIN											
106	EXISTING TO REMAIN											
107	EXISTING TO REMAIN											
108	3'-0"	7'-0"	1'-3/4"	A	STEEL	INSUL	STEEL	2"	2"			1,2,3,4,5,6
109	3'-0"	7'-0"	1'-3/4"	A	STEEL	INSUL	STEEL	2"	2"			1,2,3,4,5,6
110	3'-0"	7'-0"	1'-3/4"	A	STEEL	INSUL	STEEL	2"	2"			1,2,3,4,5
111	EXISTING TO REMAIN											
112	EXISTING TO REMAIN											
113	EXISTING TO REMAIN											

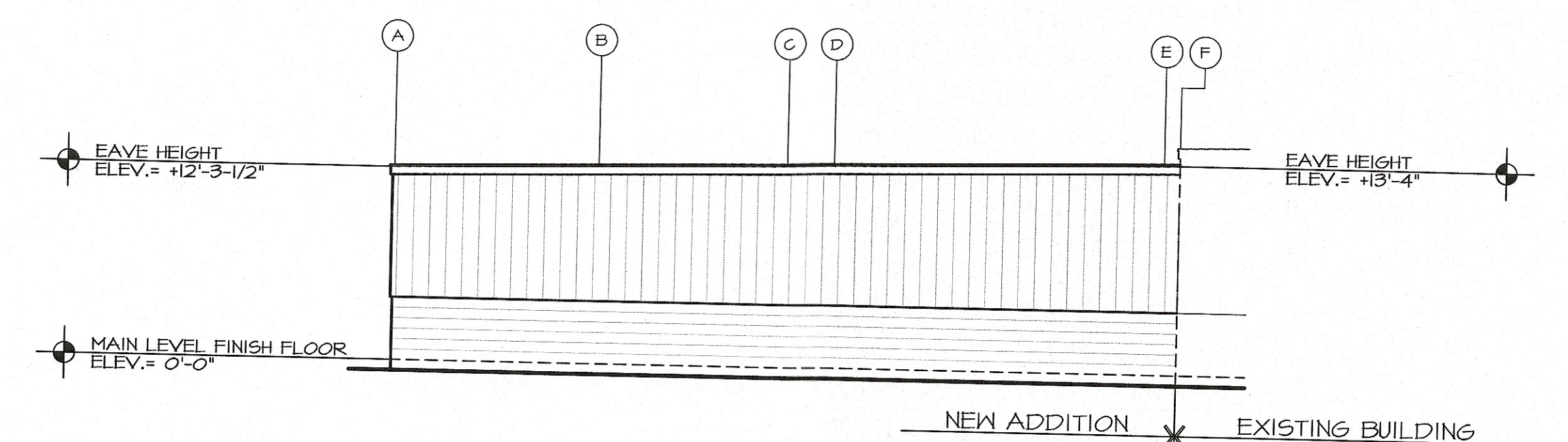
- NOTES:
- ALL DOOR HARDWARE SHALL COMPLY WITH THE OBC CHAPTER II AND ICC A117.1 - 2004 EDITION.
 - DOOR HARDWARE SHALL BE STANDARD COMMERCIAL GRADE HARDWARE.
 - DOOR SHALL BE EQUIPPED WITH (3) MEDIUM DUTY HINGES UNLESS OTHERWISE NOTED
 - DOOR SHALL BE EQUIPPED WITH A LEVER-TYPE LOCKSET
FUNCTION SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
EGRESS DOORS: ENTRANCE FUNCTION
 - CLOSER
 - DOOR THRESHOLD SHALL NOT EXCEED 1/2" IN HEIGHT IN COMPLIANCE WITH O.B.C.1008.1.7

FLOOR PLAN
1/8" = 1'-0"

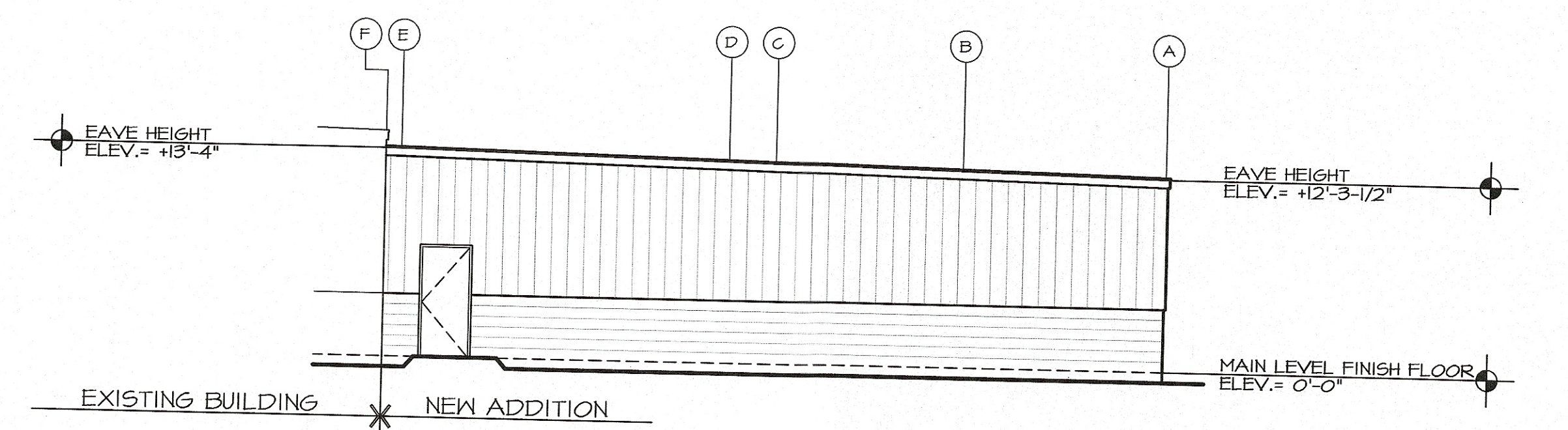
SALES AREA AND WAREHOUSE ADDITION DISCOUNT OUTLET 1070 FIRST STREET NE MASSILLON, OH			DWG. 1
ARCHITECT: DAVID I. PATTERSON DRAWN BY: P.B.S.	DAVID I. PATTERSON LICENSE #11150 EXPIRATION DATE 12-31-2017 DATE: 09-09-2016		



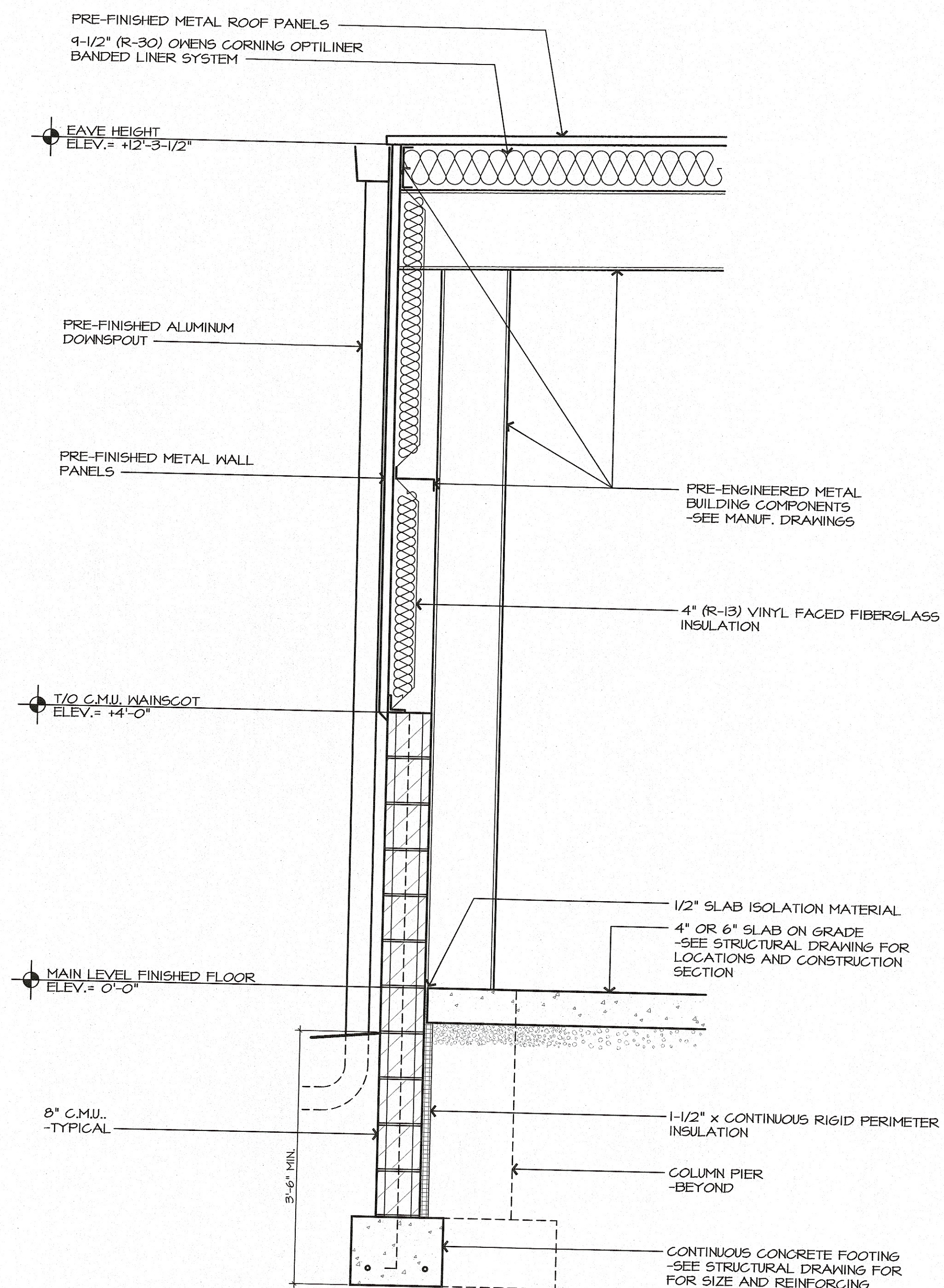
NORTH ELEVATION
1/8" = 1'-0"



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



EAST ELEVATION
1/8" = 1'-0"



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

SALES AREA AND WAREHOUSE ADDITION DISCOUNT OUTLET 1070 FIRST STREET NE MASSILLON, OH			DWG. 2
ARCHITECT: DAVID I. PATTERSON DRAWN BY: P.B.S.	DAVID I. PATTERSON LICENSE #11160 EXPIRATION DATE 12-31-2017 DATE: 09-09-2016		

GENERAL NOTES

- A.) GENERAL
- 1.) DRAWINGS F-1 & F-2 COVER THE DESIGN OF THE FOUNDATIONS AND MASONRY WALLS FOR A METAL BUILDING WITH PRELIMINARY REACTIONS. THESE ITEMS WERE DESIGNED IN ACCORDANCE WITH STATE OF OHIO BUILDING CODE (O.B.C.), 2011 EDITION WITH CURRENT AMENDMENTS.
 - 2.) ALL CONSTRUCTION SHALL CONFORM TO THE OHIO BUILDING CODE AND TO OSHA STANDARDS.
 - 3.) THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND FOR SAFETY CONDITIONS AT THE SITE.
 - 4.) FOUNDATION CONTRACTOR SHALL COORDINATE AND SCHEDULE WORK WITH MECHANICAL AND ELECTRICAL CONTRACTORS REGARDING ITEMS CONCEALED BY OR EMBEDDED IN FOUNDATIONS, WALLS OR FLOOR SLABS.

FLOOR LIVE LOAD

1.) FLOOR LIVE LOAD = 125 PSF

B.) FOUNDATIONS

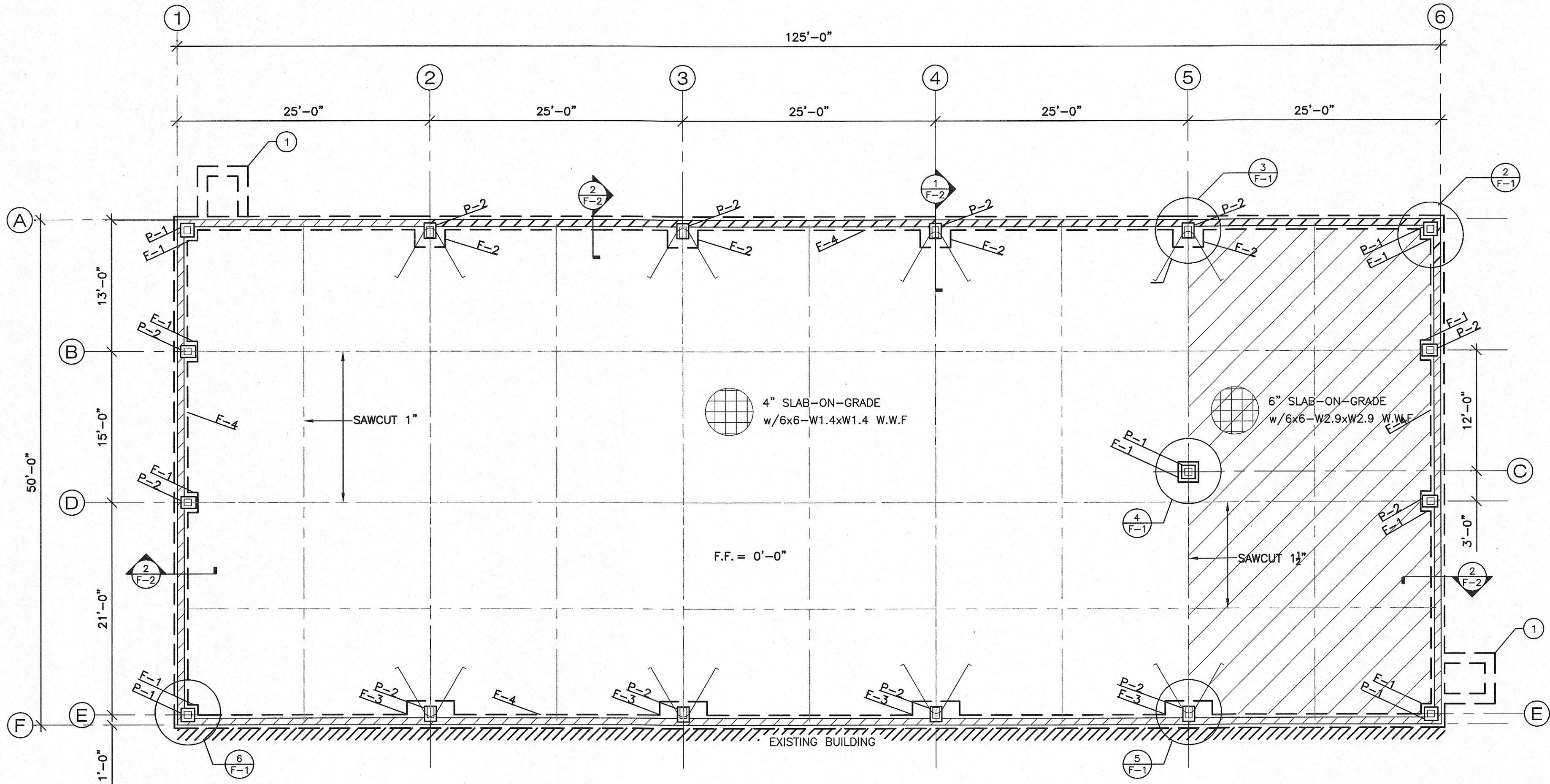
- 1.) ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL WITH A BEARING CAPACITY OF 2000 PSF. FOOTINGS SHALL BE POURED THE SAME DAY THEY ARE EXCAVATED. FOOTINGS MAY BE POURED INTO EARTH-FORMED TRENCHES IF THE SOIL CONDITIONS PERMIT.
- 2.) COMPACT BACKFILL OVER FOOTINGS AND BENEATH SLABS ON GRADE TO AT LEAST 98% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY PER ASTM D-698 $\pm 2.0\%$ MOISTURE CONTENT
- 3.) FOOTING ELEVATIONS SHOWN ON PLANS ARE APPROXIMATE AND SHALL BE FIELD ADJUSTED IF REQUIRED.
- 4.) ANCHOR RODS SHALL CONFORM TO ASTM-F1554 (GR.36) SPECIFICATIONS. $3/4"$ \varnothing A.R. SHALL BE 12" LONG W/UT WELDED TO END.
- 5.) ALL FOUNDATIONS HAVE BEEN DESIGNED FOR THE BUILDING REACTIONS PROVIDED BY VP BUILDINGS, JOB #16-019673-01, DATED 8/26/16.
- 6.) A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW TO INSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATION, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE SOILS TESTING LABORATORY TO: DETERMINE TOPSOIL AND EXCAVATION STRIPPING DEPTH; INSPECT ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, AND EXCAVATION OPERATIONS; APPROVE FILL MATERIALS, PERFORM DENSITY TESTS OF FILLS TO INSURE PLACEMENT PER SPECIFICATION REQUIREMENTS; INSPECT FOUNDATION BEARING SURFACES.

C.) CONCRETE AND REINFORCING STEEL

- 1.) ALL CONCRETE SHALL CONFORM TO THE FOLLOWING REFERENCED STANDARDS (2008 EDITION):
ACI 318: BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE.
ACI 315: DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
ACI 306: RECOMMENDED PRACTICES FOR HOT WEATHER CONCRETING.
ACI 306: RECOMMENDED PRACTICES FOR COLD WEATHER CONCRETING.
- 2.) ALL CAST-IN-PLACE INTERIOR SLAB CONCRETE SHALL BE 3500 PSI AT 28 DAYS WITH AIR ENTRAINMENT AND WITH THE APPROPRIATE CURE SEALER.
- 3.) ALL OTHER CAST-IN-PLACE CONCRETE SHALL BE 3000 PSI AT 28 DAYS. ALL EXTERIOR CONCRETE SHALL HAVE STANDARD AIR ENTRAINMENT.
- 4.) REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE-60.
- 5.) WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- 6.) ALL WELDED WIRE FABRIC SPLICES SHALL BE NOT LESS THAN (2) SPACINGS OF CROSS WIRES OR 6", WHICHEVER IS GREATER.

D.) MASONRY

- 1.) ALL DESIGN, MATERIALS, LABOR AND CONSTRUCTION OF THE MASONRY SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-08/ASCE 5-08/TMS 402-08) AND THE SPECIFICATION FOR MASONRY STRUCTURES (ACI 530-08/ASCE 6-08/TMS 602-08).
- 2.) ALL HOLLOW CONCRETE BLOCK SHALL CONFORM TO ASTM C-90 WITH A NET COMPRESSIVE STRENGTH OF 2000 PSI.
- 3.) MORTAR SHALL BE ASTM C 270, TYPE 'S', SPECIFIED BY PROPORTION.
- 4.) AGGREGATE FOR MORTAR SHALL BE ASTM C 144. AGGREGATE FOR GROUT ASTM C404.
- 5.) ALL MASONRY GROUT SHALL CONFORM TO ASTM C 476, SPECIFIED BY PROPORTION, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 P.S.I.
- 6.) REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE-60. WELDING OF REINFORCING STEEL SHALL CONFORM TO ANSI/AWS D1.4-92.
- 7.) ALL INTERSECTING MASONRY WALLS AND PILASTERS SHALL BE IN RUNNING BOND WITH AT LEAST 50% OF THE MASONRY UNITS INTERLOCKING AT THE INTERFACE.



NOTES:

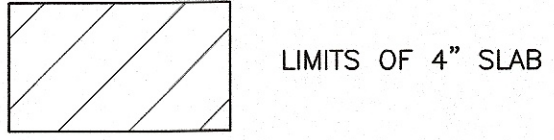
- F-1: (2'-0" x 2'-0" x 1'-0") w/(4) #4 E.W.
F-2: (3'-0" x 3'-0" x 1'-0") w/(5) #5 E.W. and #4 HAIRPIN 6'-0" EA. LEG
F-3: (2'-4" x 4'-8" x 1'-0") w/(4) #5 L.W. & (6) #5 S.W. and #4 HAIRPIN 6'-0" EA. LEG
F-4: (1'-4" x 1'-0") w/(2) #4 CONT.

- P-1: (1'-4" x 1'-4" x 2'-8") w/(4) #5 VERT. w/ #3 TIES @ 8"o/c.
P-2: (1'-6" x 1'-2" x 2'-8") w/(4) #5 VERT. w/ #3 TIES @ 8"o/c.

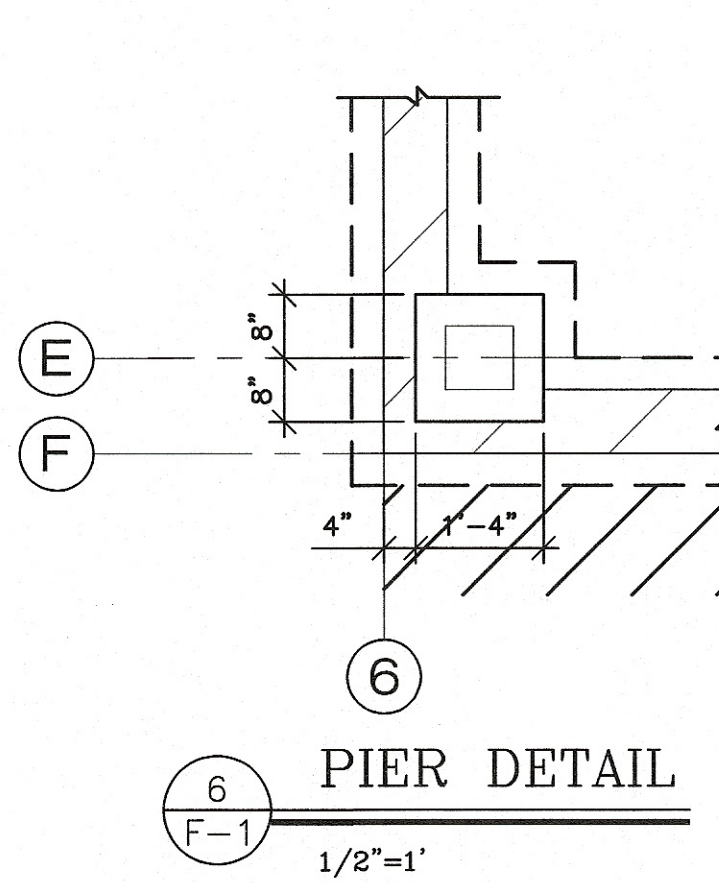
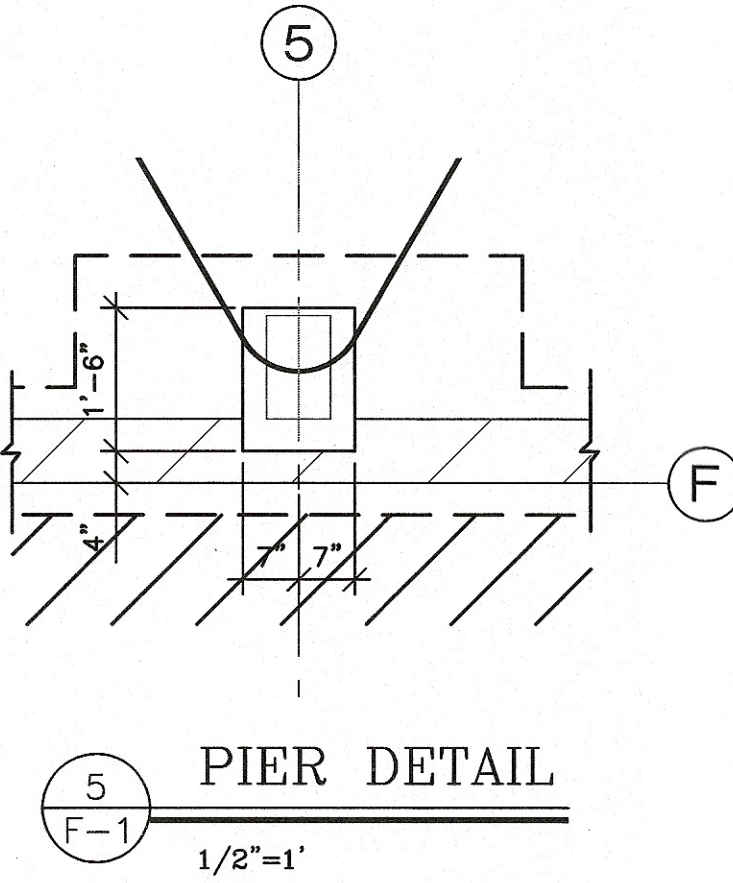
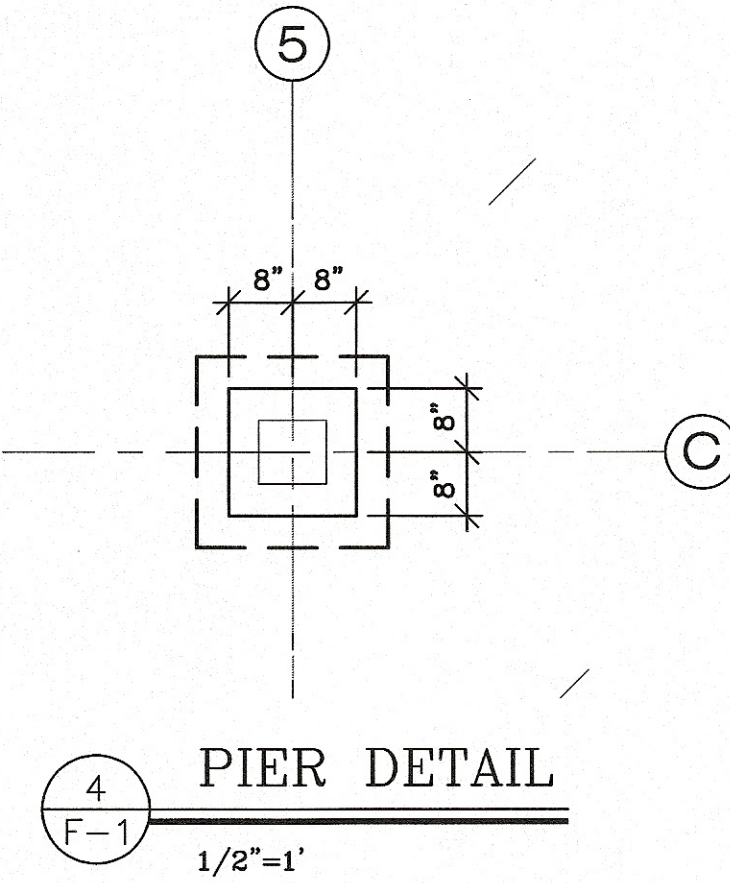
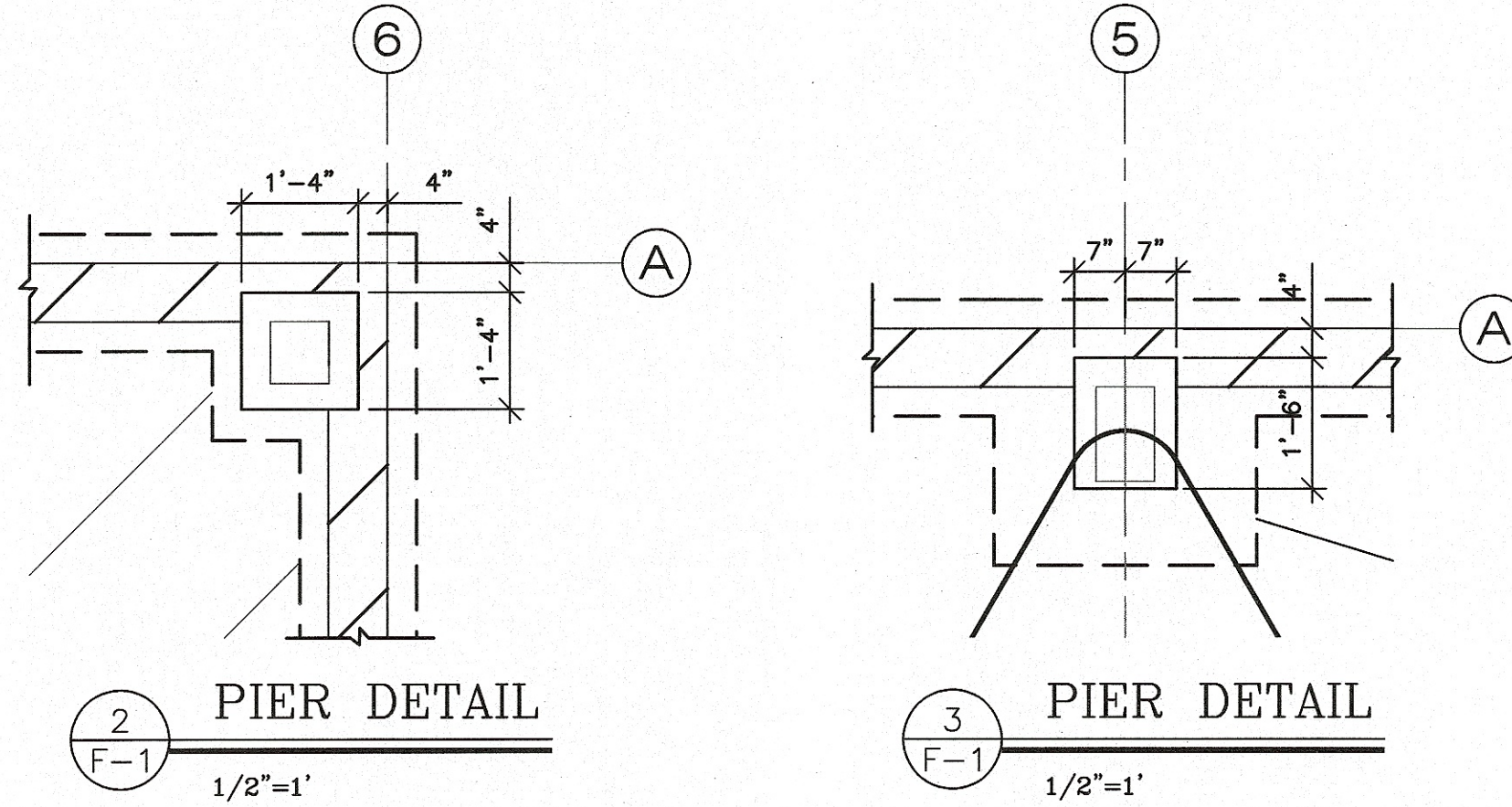
- 1) FROST SLAB - SEE DETAIL 5/F-2
-F.F. = 0'-0" = 0.0'

FOUNDATION PLAN

1/8" = 1'-0"

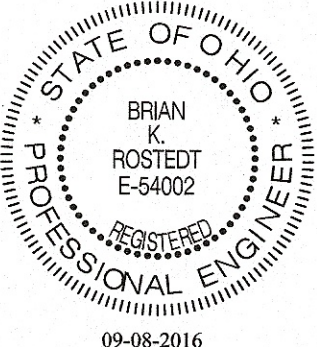


LIMITS OF 4" SLAB



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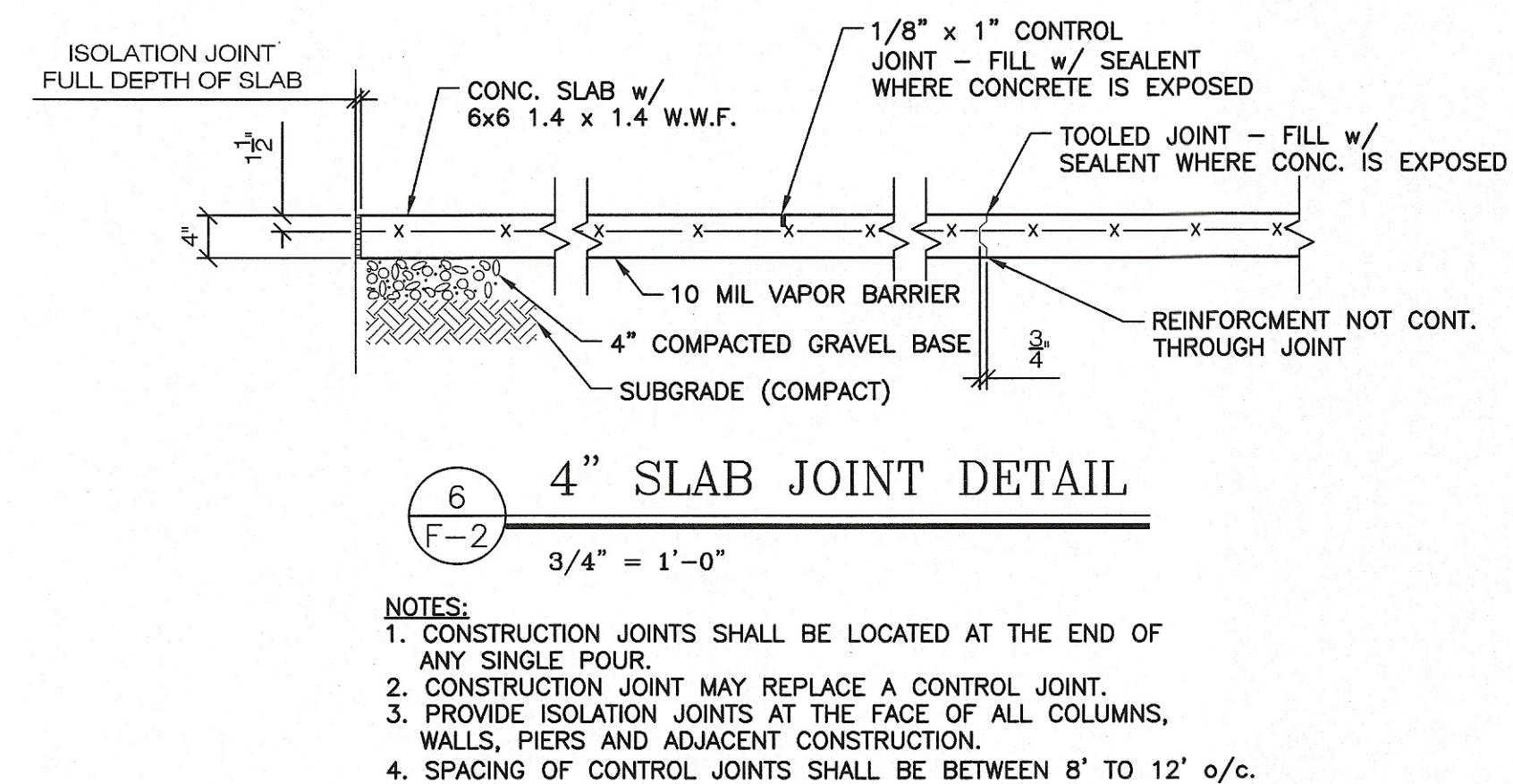
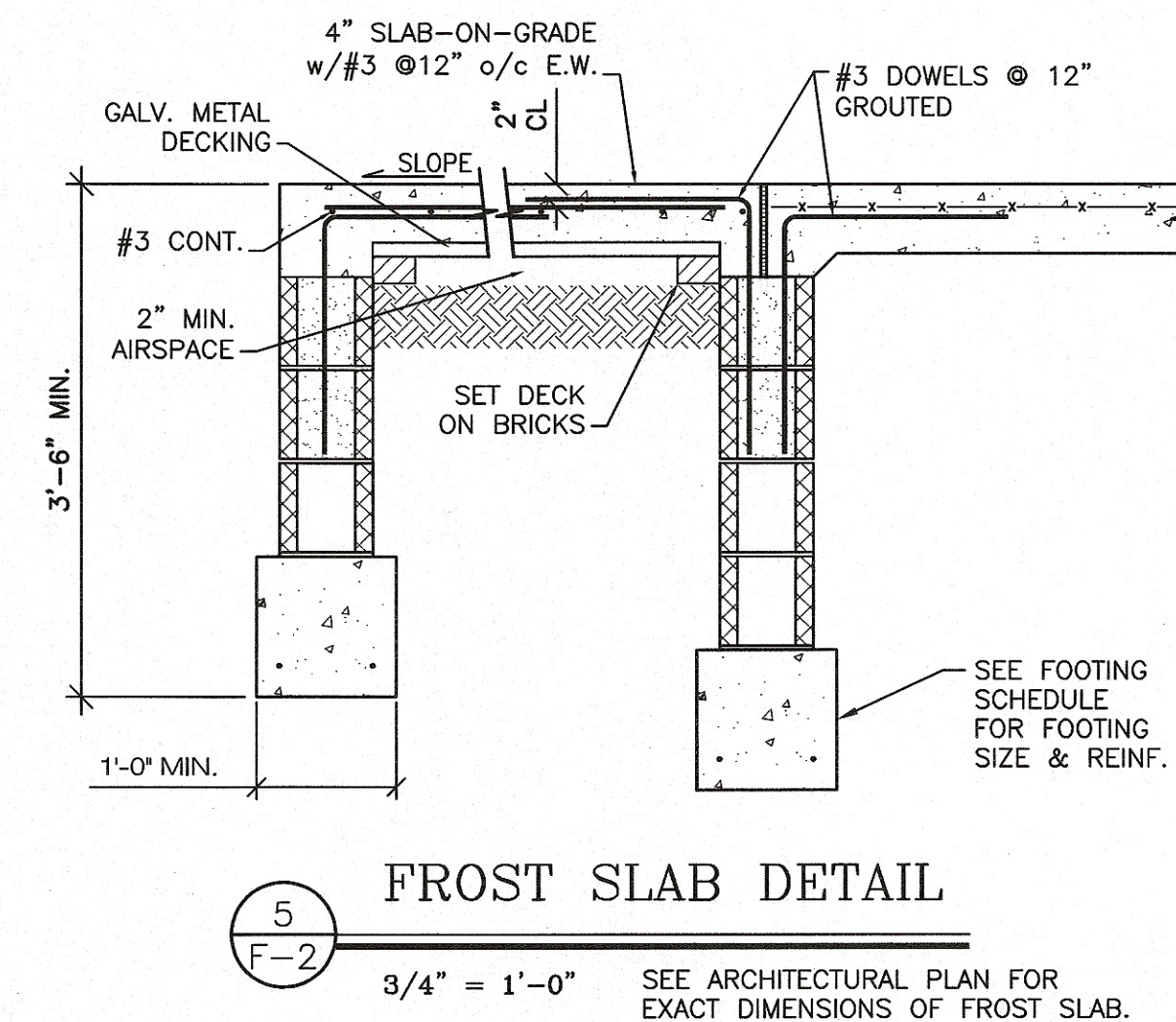
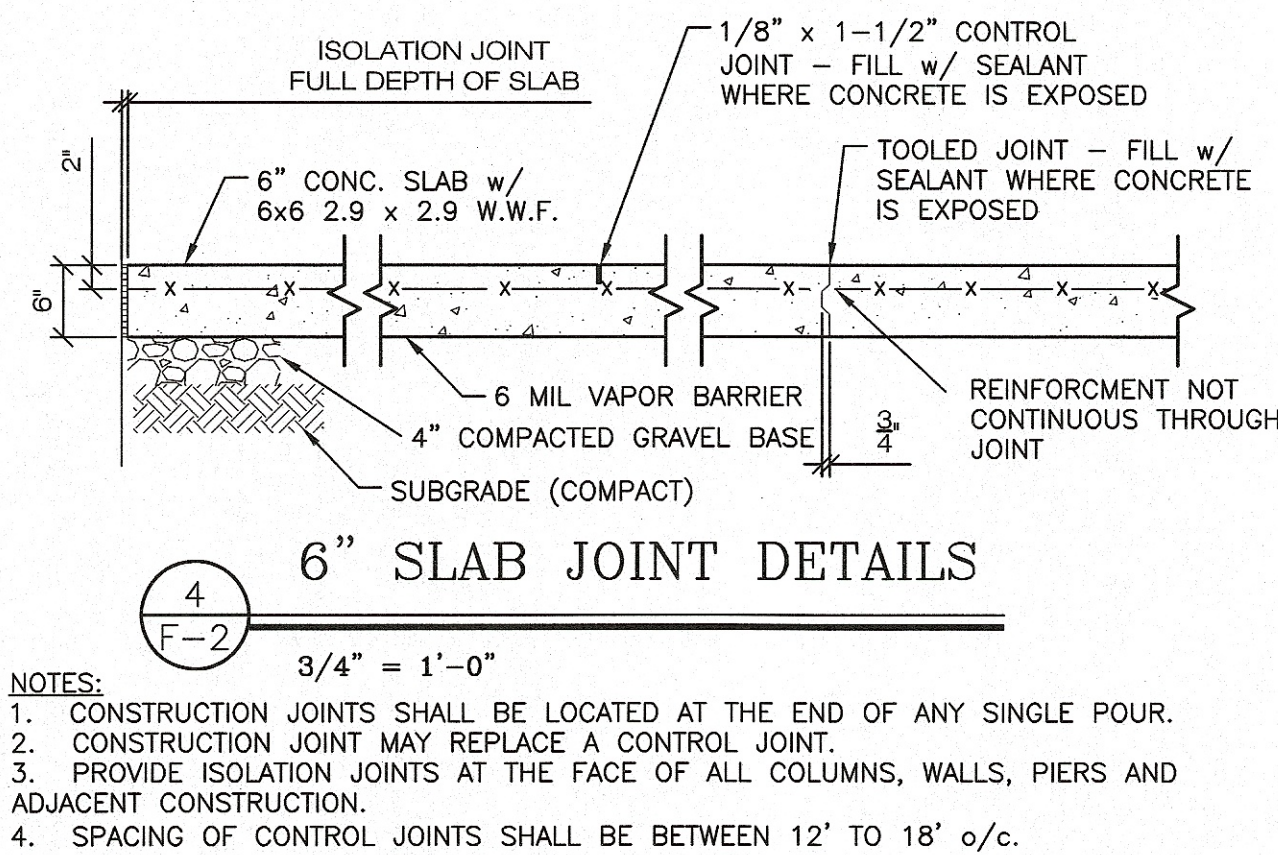
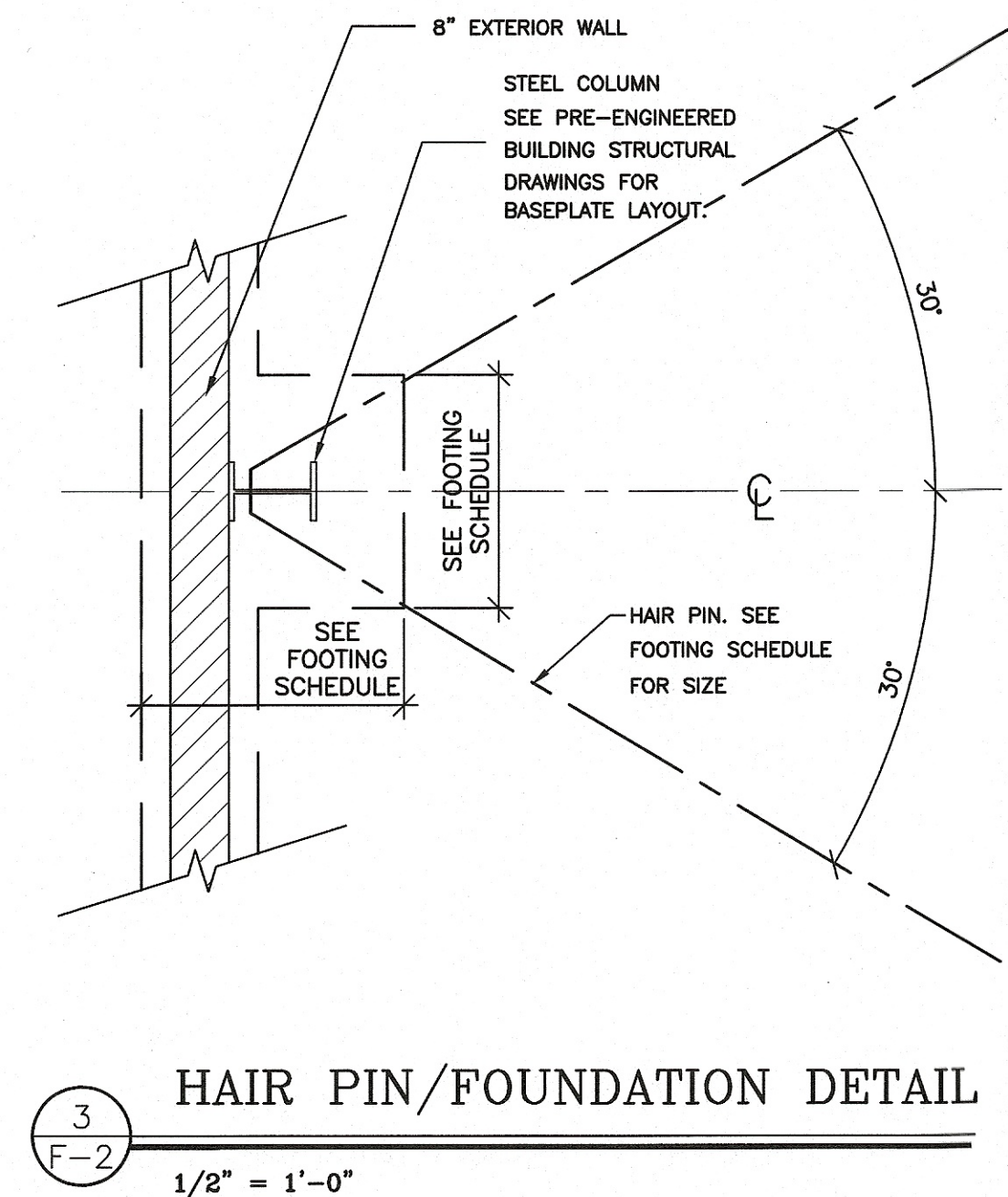
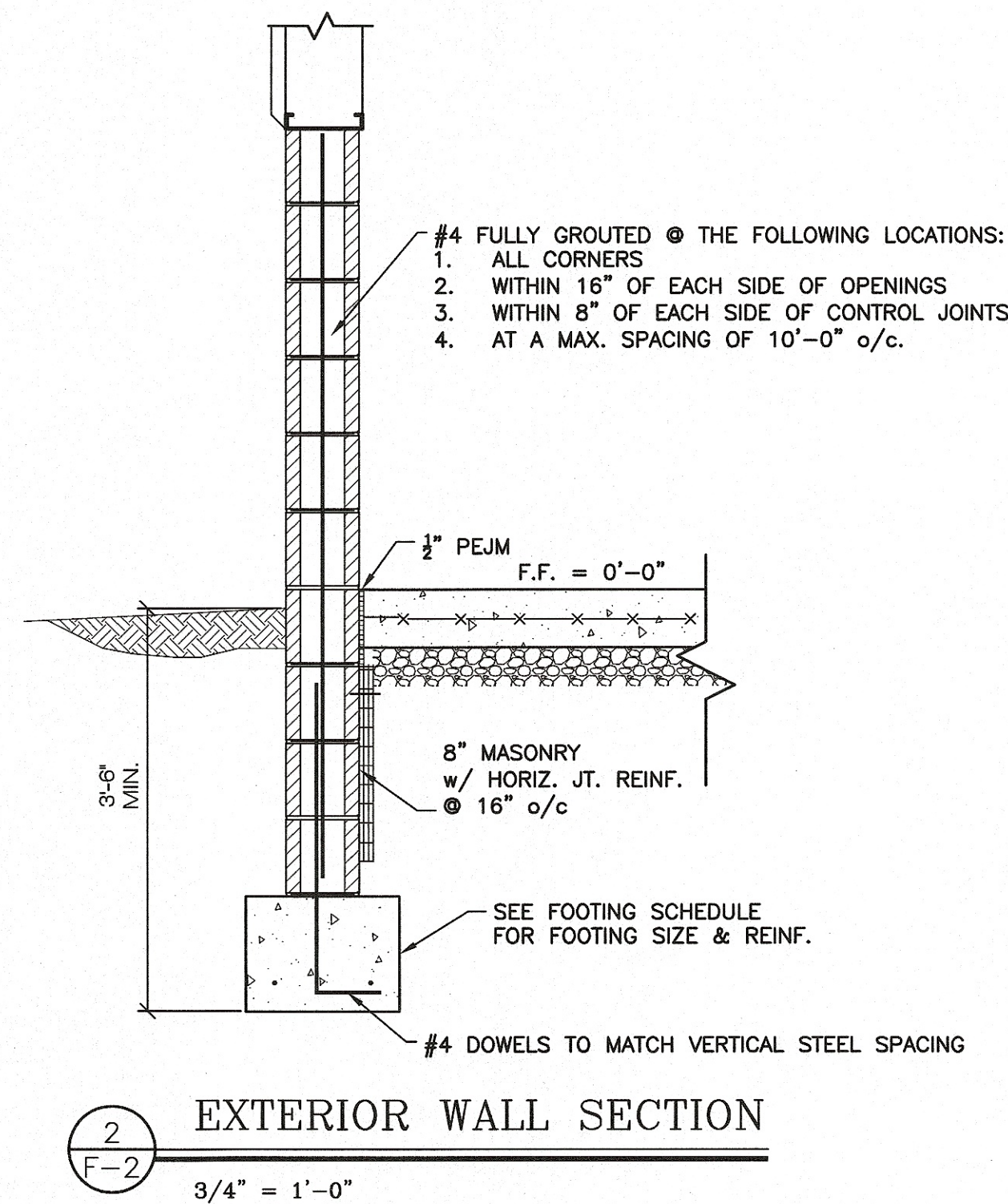
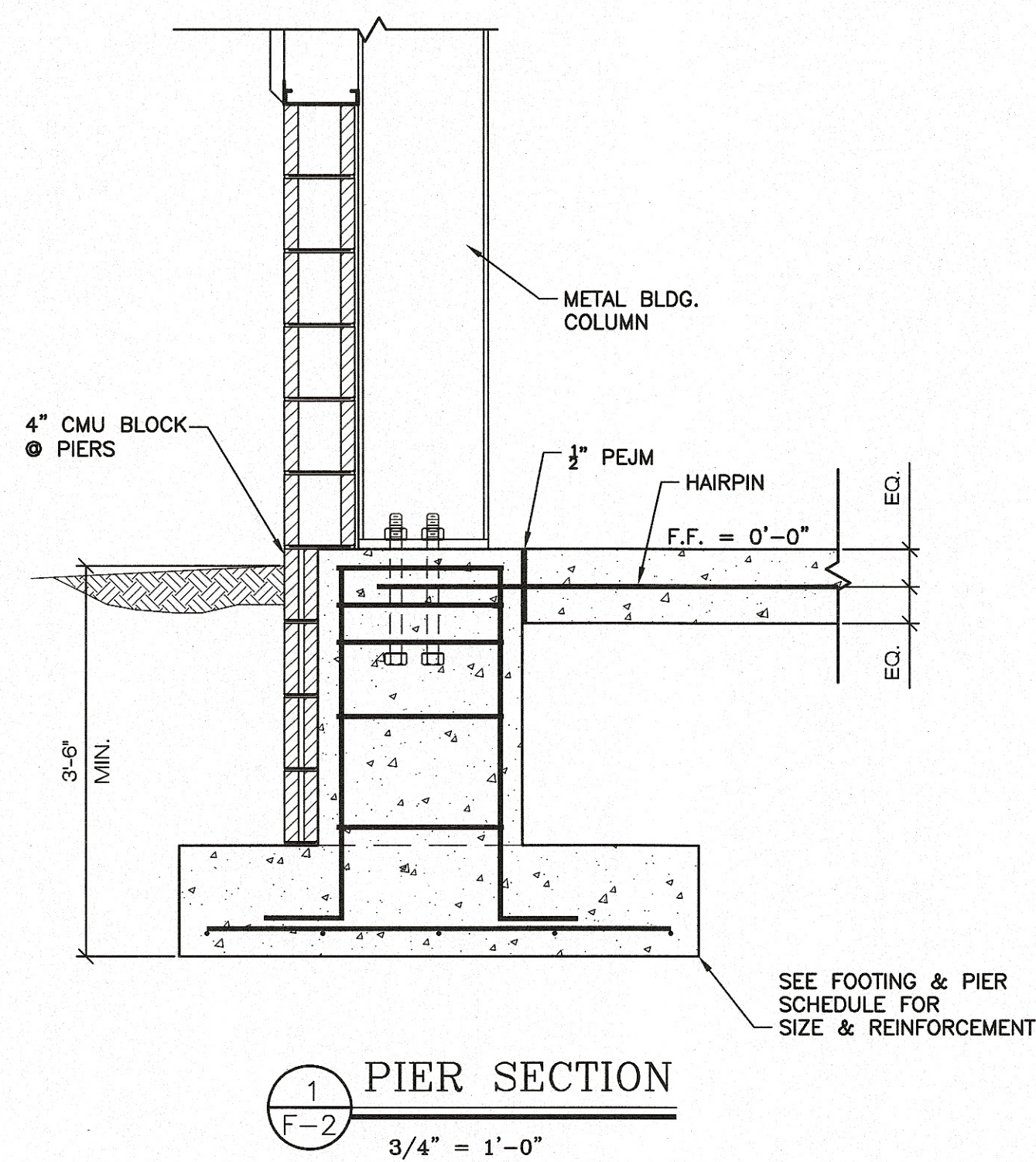
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DWG.

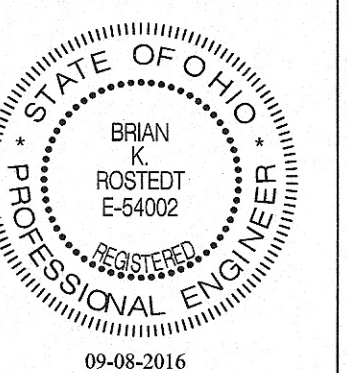
F-1

DATE: 09-08-2016



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DWG.

F-2

DATE: 09-08-2016