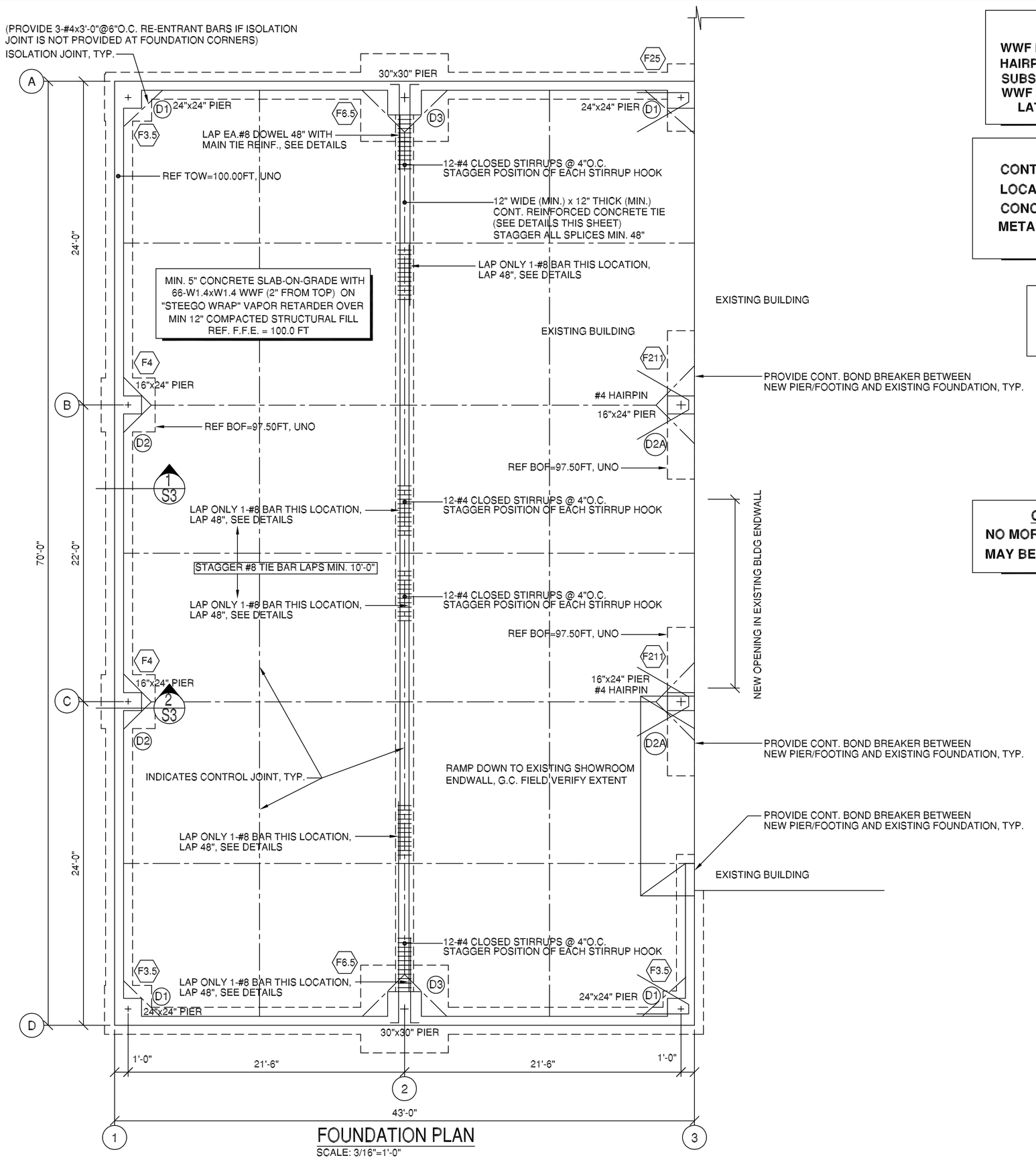


FOUNDATION PLAN

SCALE: 3/16"=1'-0"

CONTRACTOR NOTE:

WWF IN SLAB IS MANDATORY SINCE HAIRPINS ARE BEING USED. DO NOT SUBSTITUTE WWF WITH "FIBERMESH", WWF IS REQUIRED TO DISTRIBUTE LATERAL FORCE INTO SLAB.

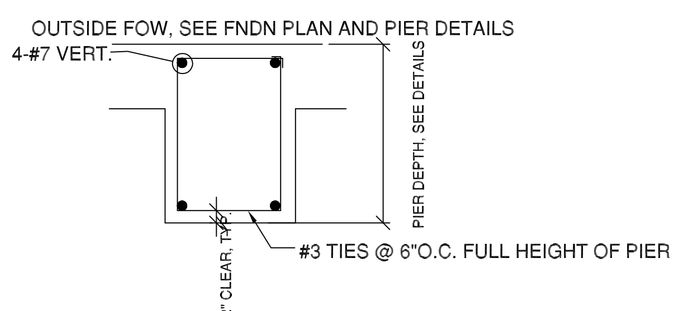
CONTRACTOR NOTE:

CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATIONS, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL METAL BUILDING MANUF. PLANS

ISSUED FOR CONSTRUCTION

CONTRACTOR NOTE:

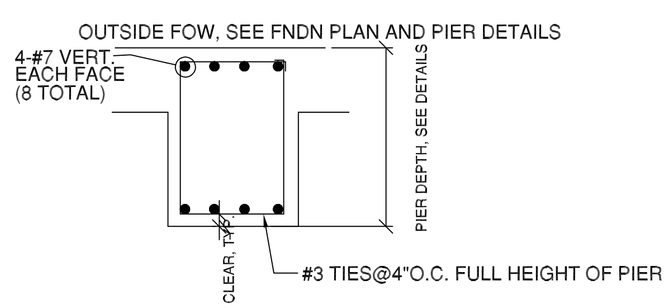
NO MORE THAN 1-#8 CONCRETE TIE BAR MAY BE LAPPED AT ANY ONE LOCATION.



(SIMILAR AT CORNERS, U.N.O)
SEE PIER DETAILS FOR DIMENSIONS
SIMILAR AT B-3, C-3

TYPICAL PLAN VIEW OF WALL PIER REINF. AT GRID LINE 1 AND 3

N.T.S.



SEE PIER DETAILS AND SHEET S2 FOR ADDITIONAL REQUIREMENTS

TYPICAL PLAN VIEW OF WALL PIER REINF. AT A-2, D-2

N.T.S.

ANCHOR BOLT DETAILS

DIAMETER	SHAPE	LOCATION
3/4" A36 T.R.	12" EMBED+3" PROJECTION, NUT	SEE PIER DETAILS
3/4" A307	4" LONG HOOK, 12" EMBED+3" PROJECTION	SEE PIER DETAILS
1" A36 T.R.	15" EMBED+3" PROJECTION, NUT	SEE PIER DETAILS

A36 T.R. ARE CONTRACTOR OPTION

ANCHOR BOLT NOTES:

1. CONTRACTOR TO CONFIRM ANCHOR ROD LAYOUT WITH METAL BUILDING MANUF. PRIOR TO SETTING ANCHOR BOLTS.
2. ALL ANCHOR RODS TO BE 3/4" Ø A307 J-BOLT U.N.O ON DETAILS.
3. A36 THREADED RODS (T.R.) MAY BE USED IN LIEU OF J-BOLTS.
4. EMBEDMENT SHOWN IS MIN. TO "TOP" OF NUT, OR HOOK.
5. SEE VP PLANS FOR 1/2" DIA. J-BOLT REQ'S AT FRAMED OPENINGS.

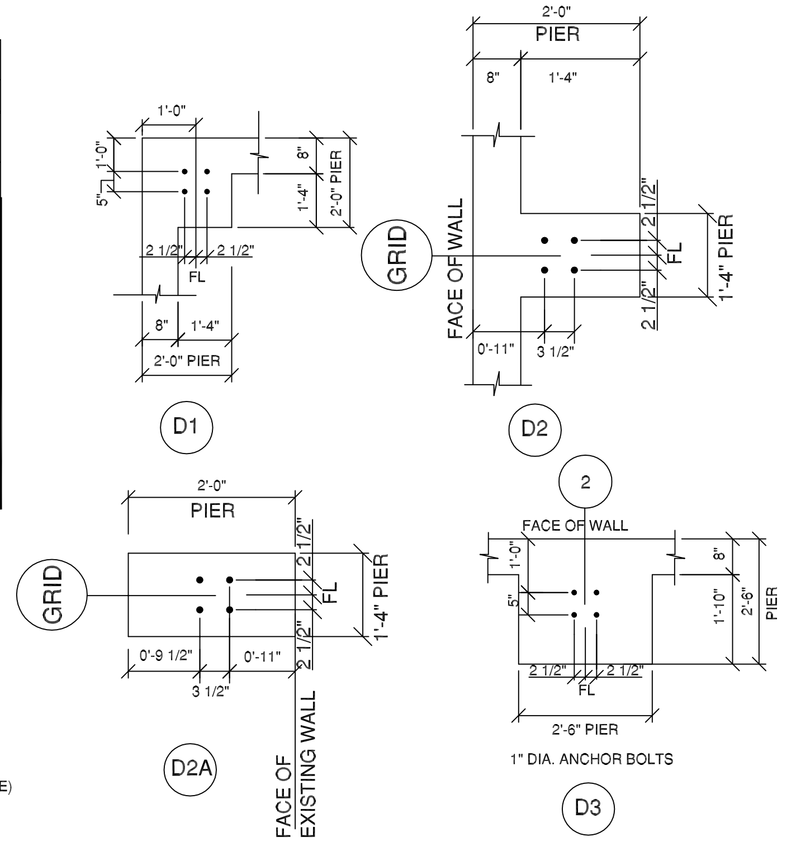
CONTRACTOR NOTE:

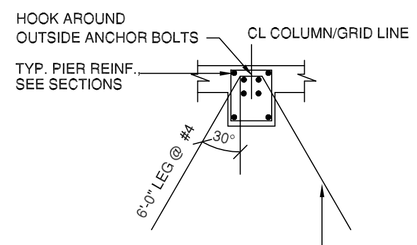
CONTRACTOR TO CONFIRM DOOR SIZE/ LOCATIONS, PIER SIZE, AND TOP OF CONCRETE ELEVATIONS WITH FINAL "VARCO-PRUDEN" (VP) METAL BUILDING PLANS.

(ALL ANCHOR RODS TO BE 3/4" DIAMETER, UNLESS NOTED OTHERWISE)

PIER DETAILS

N.T.S.





HAIRPIN DETAIL

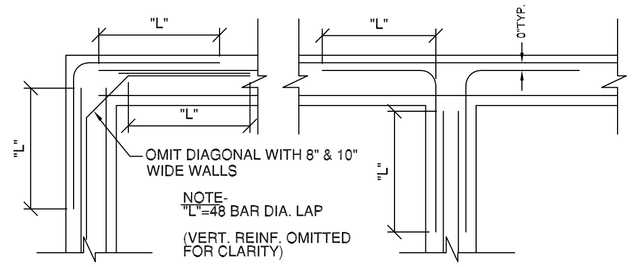
NOT TO SCALE

CONTRACTOR OPTION FOR HAIRPIN CONNECTION:

CONTRACTOR MAY USE "RICHMOND DB-SAE DOWEL BAR SPLICER" , MATCH HAIRPIN REBAR SIZE.

FOOTING SCHEDULE

SYMBOL	SIZE (L X Th X W)	REINF. REQ'D	COMMENTS
F3.5	3'-6" x 1'-0" x 3'-6"	4 - #4 E.W.	BOTTOM REINF.
F4	4'-0" x 1'-0" x 4'-0"	6 - #4 E.W.	BOTTOM REINF.
F6.5	6'-6" x 1'-0" x 6'-6"	7 - #5 E.W.	BOTTOM REINF.
F25	2'-0" x 1'-0" x 5'-0"	8 - #4 SHORT BARS 4 - #4 LONG BARS	90 DEG. HOOK EA. END @ SHORT (BOTH BOTTOM REINF.)
F211	2'-0" x 1'-3" x 11'-0"	16 - #4 SHORT BARS 4 - #4 LONG BARS	90 DEG. HOOK EA. END @ SHORT (BOTH BOTTOM REINF.)

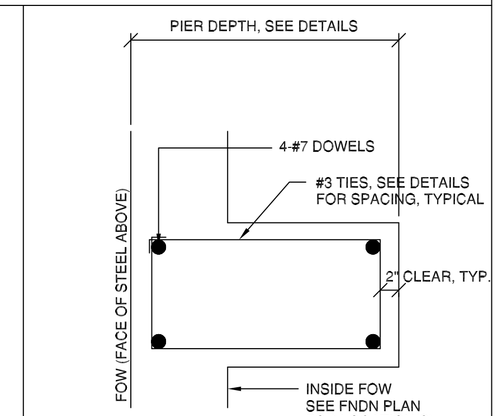


CORNER REINFORCING DETAIL

N.T.S.

FOUNDATION NOTES:

1. DESIGN SOIL BEARING PRESSURE=500 PSF/FT OF WIDTH (MAX. 1500PSF) PER R.W. GILLESPIE & ASSOC. JUNE 9, 2003 REPORT.
2. CONCRETE: WALLS, FOOTINGS, AND INTERIOR SLABS: F'c=3,000 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.50, TYPE I OR II CEMENT.
   GRADE BEAM TIE: F'c=4,000 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.48, NO ENTRAINED AIR, TYPE I OR II CEMENT.
   EXTERIOR SLABS: F'c=4,500 P.S.I., 3/4" AGGREGATE, MAX. W/C=0.40, 4%-6% TOTAL AIR, TYPE I OR II CEMENT.
   (USE A MID-RANGE WATER REDUCER IF MORE WORKABILITY IS DESIRED.)
3. CONCRETE SUPPLIER IS TO SUBMIT MIX DESIGN(S) TO ENGINEER OF RECORD FOR EACH TYPE OF CONCRETE TO BY USED.
4. REINFORCING TO BE GRADE 60, NEW DEFORMED BARS. WELDED WIRE FABRIC (WWF) TO MEET ASTM A185.
5. ALL FOUNDATION WALLS ARE 8" WIDE.
6. UNLESS NOTED ON PIER DETAILS, ALL ANCHOR RODS ARE 3/4" DIA. A307 J-BOLT WITH 6" LONG HOOK, MIN. 12" EMBEDMENT. G.C. MAY USE THREADED ROD (T.R.) W/EMBED NUT AS OPTION, MATCH MIN. EMBEDMENT.
7. ALL FRAME AND WALK DOOR OPENINGS TO BE FIELD LOCATED.
8. G.C. TO VERIFY AND COORDINATE ALL LOCATIONS OF OVERHEAD DOORS (OHD), PEOPLE DOORS, AND LOADING DOCKS.
9. REF. ELEV. TOP OF FOUNDATION WALL = 100.0FT, TYP. UNLESS NOTED OTHERWISE THUS "TOW=".
   REF. ELEV. TOP OF PIER = 100.0 FT, TYP. UNLESS NOTED OTHERWISE THUS "TOP=".
   REFERENCE BOTTOM OF WALL FOOTING ELEVATION = 97.5 FT, TYPICAL U.N.O. THUS "BOF="
10. ALL EXTERIOR FOOTINGS SHALL EXTEND 2'-0" BELOW FINISH GRADE, PROVIDE RIGID INSUL. PER GEOTECHNICAL ENG. REPORT
11. ALL FOOTINGS TO BE CENTERED BELOW COLUMN BASE ABOVE.
12. ALL SLAB SAW-CUT CONTROL JOINTS TO BE CUT IMMMEDIATELY AFTER FINISHING.
13. ALL SLABS TO BE WET-CURED CONTINUOUSLY MINIMUM 7 DAYS AFTER PLACEMENT.
14. SEE "VP" PLANS FOR ANCHOR ROD LOCATION, ORIENTATION, AND SIZE.
15. REFER TO PROJECT GEOTECHNICAL ENGINEER REPORT BY "R.W.&G" FOR ALL FOUNDATION, DRAINAGE, COMPACTION, BACKFILL, FOUNDATION RIGID PERIMETER INSULATION, AND SUB-GRADE PREPARATION REQUIREMENTS.
16. G.C. TO DETERMINE SLAB PITCH REQUIRMENTS AND FIELD COORDINATE.
17. ALL SUB-SLAB STRUCTURAL FILL TO BE COMPACTED TO A MINIMUM OF 95% AS DETERMINED BY ASTM D-1557, UNLESS SPECIFIED DIFFERENTLY BY PROJECT GEOTECHNICAL ENGINEER.
18. CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 305 AND ACI 306 FOR HOT AND COLD WEATHER CONCRETING.
19. CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 304 FOR CONCRETE PLACEMENT.
20. SLAB THICKNESS SHOWN DOES NOT TAKE INTO ACCOUNT LOADS FROM MACHINERY, EQUIPMENT, FORK TRUCKS, ETC. SINCE NO LOAD(S) WERE GIVEN TO PERFORM FORMAL DESIGN.



SEE PIER DETAILS FOR DIMENSIONS

(SIMILAR AT CORNER PIER LOCATIONS)

TYPICAL PLAN VIEW OF PIER REINF.

N.T.S.

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PROJECT NO.	EOR	DESIGN	CHKD	DRAWN
04-038	SRG	SRG	SRG	SRG

REV:	BY:	DATE:	STATUS:

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SRG ENGINEERING, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SRG ENGINEERING, INC.

FOUNDATION PLAN AND DETAILS
OF
BIG MOOSE HARLEY
PORTLAND, ME
FOR
PATCO CONSTRUCTION, INC.
SANFORD, MAINE

DATE	SCALE
03-26-04	AS NOTED

SHEET S1