



CONTROL JOINT (TYP.)

OUTSIDE FACE OF WALL

INDUCED CRACK

(DO NOT LOCATE MORE THAN 40'-0"O.C., OR WITHIN 4 FT. OF ANY GRIDLINE)

FOUNDATION WALL CONTROL JOINT DETAIL

ISOLATION JOINT

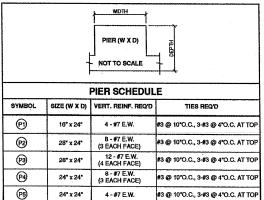
TYPICAL SLAB JOINT AT COLUMN

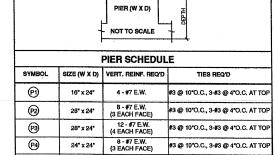
AND PLUMB.

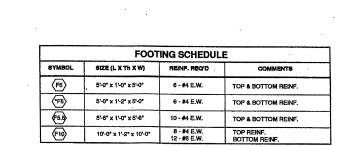
INFILL WITH CONCRETE AFTER

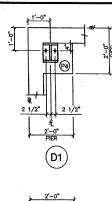
CENTER OF COLUMN BASE PLATE

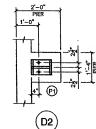
STEEL FRAME IS ERECTED

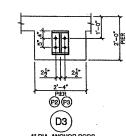










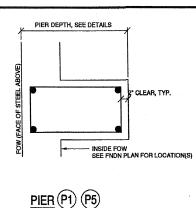


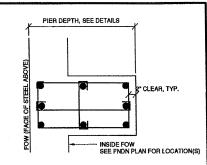
CONTRACTOR NOTE: CONTRACTOR TO CONFIRM PIER SIZE/ LOCATIONS, AND TOP OF CONCRETE **ELEVATIONS WITH FINAL "VARCO** PRUDEN" (VP) BUILDING PLANS.

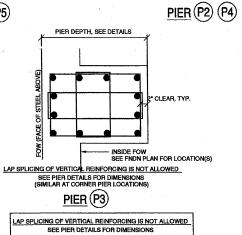
ANCHOR BOLT DETAILS			
DIAMETER	SHAPE	LOCATION	-
M" ASTM A36 T.R.	15" EMBED+S" PROJECTIONNUT	SEE PIER DETAILS	
* ASTM A36 T.R.	15" EMBED+3" PROJECTION NUT	SEE PIER DETAILS	
ANCHOF	BOLT NOTES:		ł
I. CONTRACTOR TO CONFIRM ANCHOR ROD LAYOUT WITH METAL, BUILDING MANUF, PRIOR TO SETTING ANCHOR			

SEE "VP" PLANS FOR 1/2" DIA, BOLT REQ'S AT FRAMED

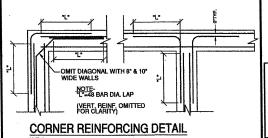
ANCHOR RODS TO MEET ASTM F1554 SPECIFICATION







TYPICAL PLAN VIEW OF PIER REINF., UNLESS NOTED



**CONTRACTOR NOTE:

RUST BY COLUMN. AS A RESULT, ELEVATION OTTOM OF FOOTING LOWER THAN INDICATED IS SO ALL FOUNDATIONS CAN BE REDESIGNED SHOULD EVATION BOTTOM OF FOOTING(S) NEED TO BE LOWER

FOUNDATION NOTES:

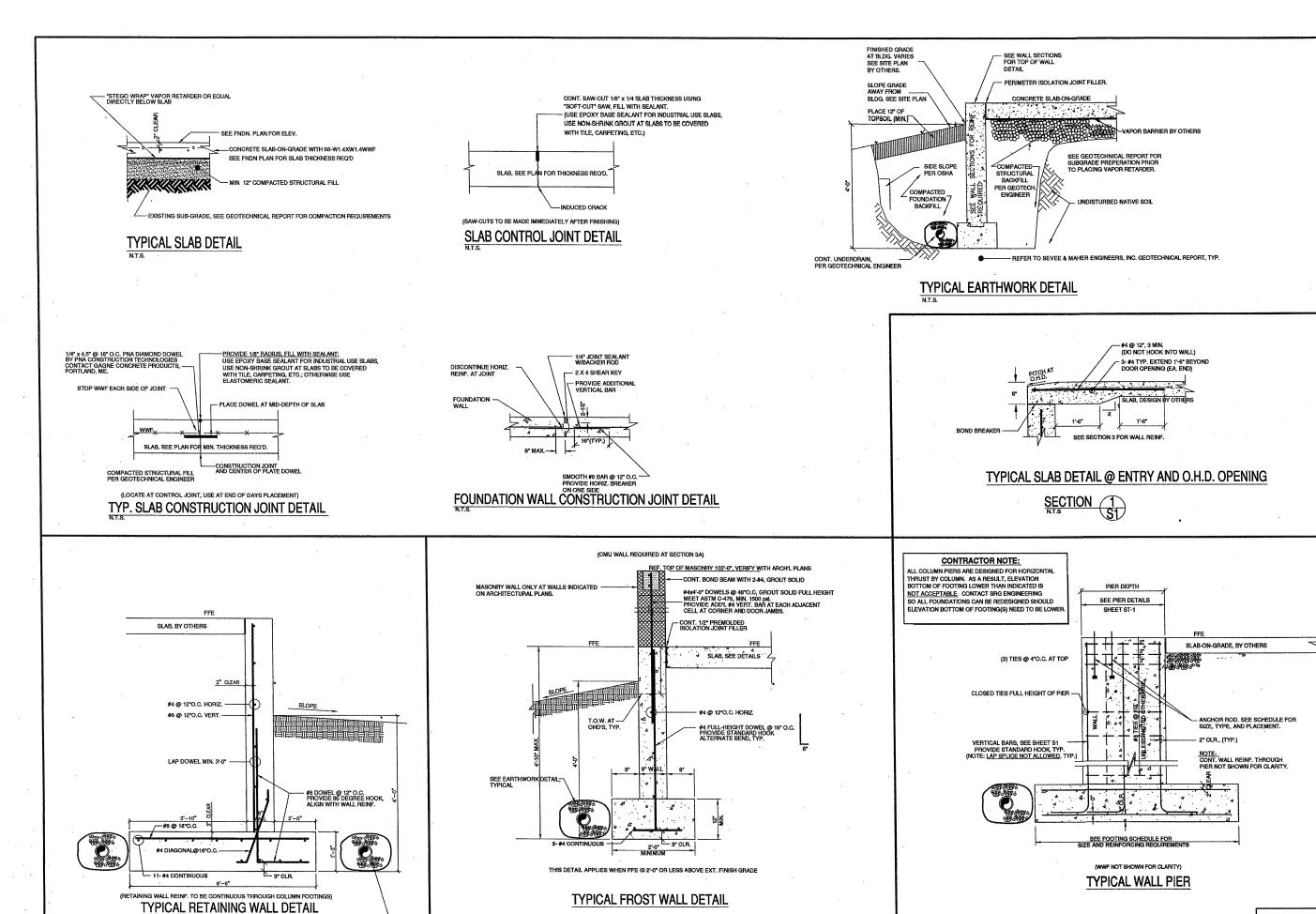
- DESIGN MAXIMUM ASSUMED SOIL BEARING PRESSURE PER SEVEE & MAHER ENGINEERS, INC. REPORT DATED FEBRUARY 2, 2007:
 MAXIMUM 4 KSF DOWN TO EL. 498.0FT, REDUCE 0.5 KSF/FOOT OF ELEVATION DECREASE; MINIMUM 1.5 KSF WITH LOWEST BEARING ELEV. 493.0FT.
- CONCRETE: WALLS & FOOTINGS; F°∞3,000 P.S.I., 3/4" AGGREGATE, MAX. W/C∞0.50, TYPE I OR II CEMENT; 4 TO 6% ENT. AIR, SLUMP MIN. 1", MAX. 4". INTERIOR SLAB: F°∞3,000 P.S.I., 3/4" AGGREGATE, MAX. W/C∞0.48, NO ENTRAINED AIR, TYPE I OR II CEMENT, SLUMP MIN. 1", MAX.3". EXTERIOR SLABS: F°∞4,500 P.S.I., 3/4" AGGREGATE, MAX. W/C∞0.40, 4%-6% TOTAL AIR, TYPE I OR II CEMENT, SLUMP MIN. 1", MAX.3". (USE A MID-RANGE WATER REDUCER IF MORE WORKABILITY IS DESIRED.)
- CONCRETE SUPPLIER IS TO SUBMIT MIX DESIGN(S) TO ENGINEER OF RECORD FOR EACH TYPE OF CONCRETE TO BE USED.
- REINFORCING TO BE GRADE 60, NEW DEFORMED BARS. DO NOT "WET-STICK" REBAR OR ANCHOR BOLTS, NO EXCEPTION.
- ALL FOUNDATION WALLS ARE 8" WIDE, UNLESS NOTED OTHERWISE ON PLANS.
- UNLESS NOTED ON PIER DETAILS, ALL ANCHOR RODS ARE 3/4" DIA. ASTM F1554 A36 THREADED ROD WITH NUT EACH END, SEE DETAILS.
- ALL FRAME AND WALK DOOR OPENINGS TO BE FIELD LOCATED.
- G.C. TO VERIFY AND COORDINATE ALL LOCATIONS OF OVERHEAD DOORS (OHD), PEOPLE DOORS, AND LOADING DOCKS.
- 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=".
- *ALL EXTERIOR FOOTINGS SHALL EXTEND 4'-0" BELOW FINISH GRADE (SEE NOTE THIS SHEET). UNLESS SPECIFIED DIFFERENTLY BY PROJECT GEOTECHNICAL ENGINEER.
- REFERENCE BOTTOM OF WALL FOOTING ELEVATION = 95.17 FT, TYPICAL U.N.O. THUS "BOF="
 - ALL FOOTINGS TO BE CENTERED BELOW COLUMN BASE ABOVE.
 - SEE "VP" PLANS FOR ANCHOR ROD LOCATION, ORIENTATION, AND SIZE,
 - REFER TO FEBRUARY 2, 2007 SEVEE & MAHER ENGINEERS, INC. GEOTECHNICAL ENGINEERING REPORT FOR ALL FOUNDATION, DRAINAGE, COMPACTION, BACKFILL, AND SUB-GRADE PREPARATION REQUIREMENTS.
- ALL STRUCTURAL FILL TO BE COMPACTED TO A MINIMUM OF 95% AS DETERMINED BY ASTM D-1557, UNO BY PROJECT GEOTECHNICAL ENGINEER CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 305 AND ACI 306 FOR HOT AND COLD WEATHER CONCRETING.
- CONTRACTOR TO COMPLY WITH LATEST PROVISIONS OF ACI 304 FOR CONCRETE PLACEMENT.
- CALCIUM CHLORIDE IS NOT ALLOWED IN ANY CONCRETE AND WILL BE REJECTED IF IT IS ALLOWED IN CONCRETE MIX.
- CALCUME CITECHIES IS NOT ALLOWED IN ANY CURCHE IS AND WILL BE RESECTED IT IT IS ALLOWED IN CONCRETE MIX. EACH CONCRETE TRUCK TO PROVIDE BATCH TICKET TO MATERIALS TESTING AGENCY BEFORE PLACEMENT, NO EXCEPTIONS, PROVIDE SUPPORTS FOR REINFORGEMENT INCLUDING BOLSTERS, CHAIRS, SPACERS, AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING REINFORCING BARS AND WELDED WIRE FABRIC IN PLACE. USE WIRE AT TYPE SUPPORTS COMPLYING WITH CRSI RECOMMENDATIONS, UNLESS OTHERWISE ACCEPTABLE TO ENGINEER. "WET STICKING" OF PINDN. REINFORCING AND ANCHOR BOLTS IS NOT ALLOWED (EXCEPT FOR OMU STRAIGHT BAR DOWNELS) AND WILL BE REJECTED.
- ALL SLABS TO BE WET-CURED FOR AT LEAST 7 DAYS.
- FORM RELEASE AGENT TO BE APPLIED TO FORMS PRIOR TO PLACING REINFORCING. DO NOT LET FORM RELEASE AGENT COME IN CONTACT WITH REBAR, NO EXCEPTIONS.
- SEISMIC DESIGN CATEGORY C, PER VARCO-PRUDEN.

PORTLAND, WAINE
FOR
PATCO CONSTRUCTION
SANFORD, MAINE FOUNDATION 8 3

68.59

DATE SCALE 01-08.2008 AS NOTED SHEET S1 OF 2



SEE EARTHWORK DETAIL, ---



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FOR
PATCO CONSTRUCTION
SANFORD, MAINE FOUNDATION

SCALE SCALE 01.08.2007 NTS

SHEET S2 OF 2

ISSUED FOR

CONSTRUCTION