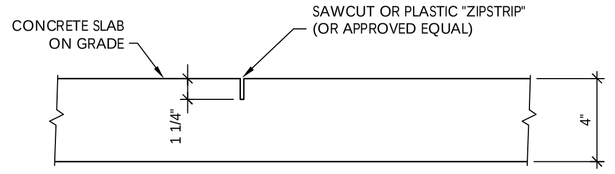


NOTES:

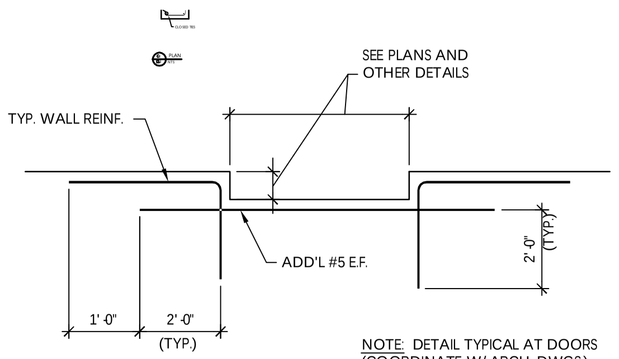
1. Control joints shall be straight (± 1/4" tolerance).
2. Spacing between control joints shall not exceed 15' -0" o.c. (UON).
3. Sawcut control joints shall be cut within 12 hours after concrete placement but shall not dislodge aggregate during cutting.

B1 / S3.0 — TYPICAL CONCRETE SLAB CONTROL JOINT — NTS

PRELIMINARY

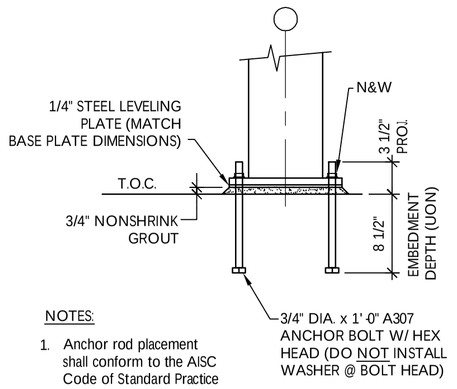
NOT FOR CONSTRUCTION

UNDER NO CIRCUMSTANCES SHALL THIS DRAWING BE USED TO DEVELOP SHOP DRAWINGS OR FABRICATE NEW MATERIALS.



NOTE: DETAIL TYPICAL AT DOORS (COORDINATE W/ ARCH. DWGS.)

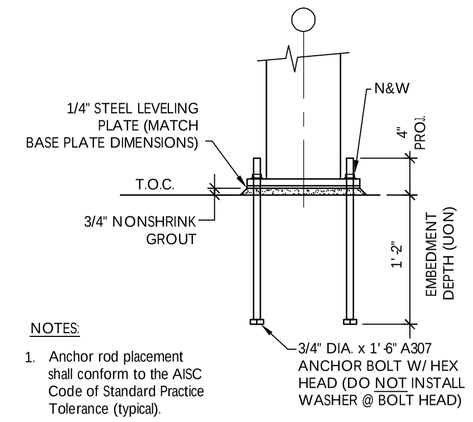
B5 / S3.0 — TYPICAL STEP IN TOP OF FOUNDATION WALL — NTS



NOTES:

1. Anchor rod placement shall conform to the AISC Code of Standard Practice Tolerance (typical).

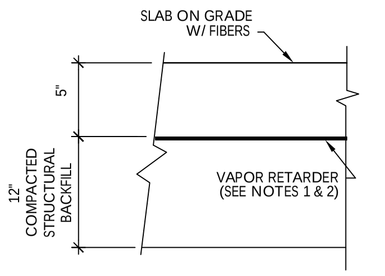
B7 / S3.0 — TYPE 1 ANCHOR BOLT — 1" = 1' -0"



NOTES:

1. Anchor rod placement shall conform to the AISC Code of Standard Practice Tolerance (typical).

B9 / S3.0 — TYPE 2 ANCHOR BOLT — 1" = 1' -0"



NOTES:

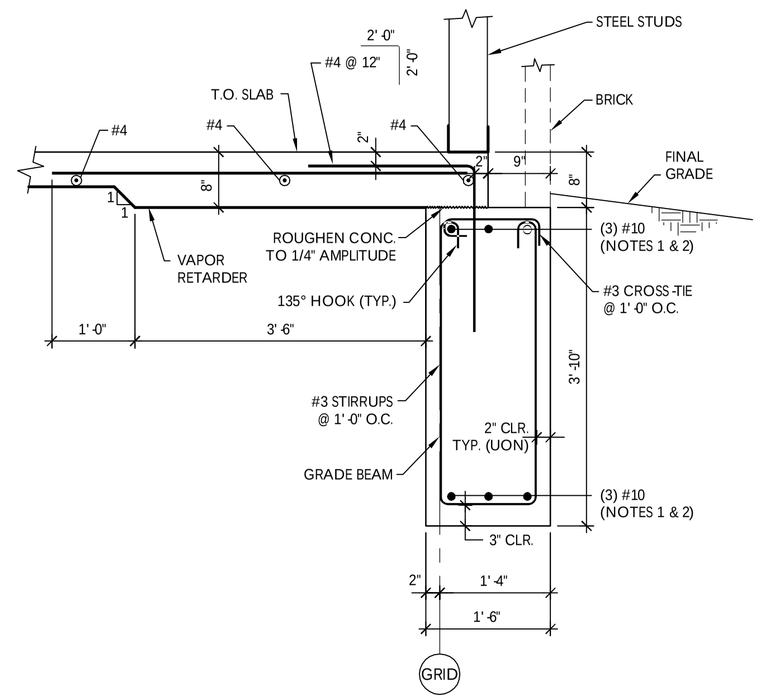
1. Tape all joints, install pipe boots, and seal all vapor retarder penetrations per manufacturer's recommendations. Verify that permeance of vapor retarder conforms to the limitations and requirements set by the manufacturer furnishing floor finish materials.
2. Vapor retarder shall be Stego-Wrap (15 mil thickness) by Stega Industries, LLC (tel. 207-775-5764) polyolefin geomembrane, or SocoShield VB-15 (tel. 888-276-2672) polyolefin geomembrane or approved equal.
3. Water shall not be added to concrete for slab at project site. Remove bleedwater prior to trowelling. Avoid overtrowelling during finishing.
4. Construct wind barriers if winds greater than 10 mph are expected either during concrete placement or within 24 hours after placement.
5. Continuous moist curing of slab surface shall begin as soon as possible after placement (within 12 hours) and continue for 7 days. Dissipating curing compound may be used only if it is verified to be compatible with floor finish materials prior to slab installation.

F1 / S3.0 — TYPICAL SLAB ON GRADE (SOG) DETAIL — NTS

REBAR LAP SPLICE LENGTH SCHEDULE

BAR SIZE	3000 PSI CONCRETE	4000 PSI CONCRETE
#3	1' -4"	1' -4"
#4	1' -10"	1' -7"
#5	2' -3"	2' -0"
#6	2' -8"	2' -4"
#7	3' -2"	2' -9"
#8	3' -7"	3' -1"
#9	4' -0"	3' -6"
#10	4' -10"	4' -2"
#11	6' -0"	5' -2"

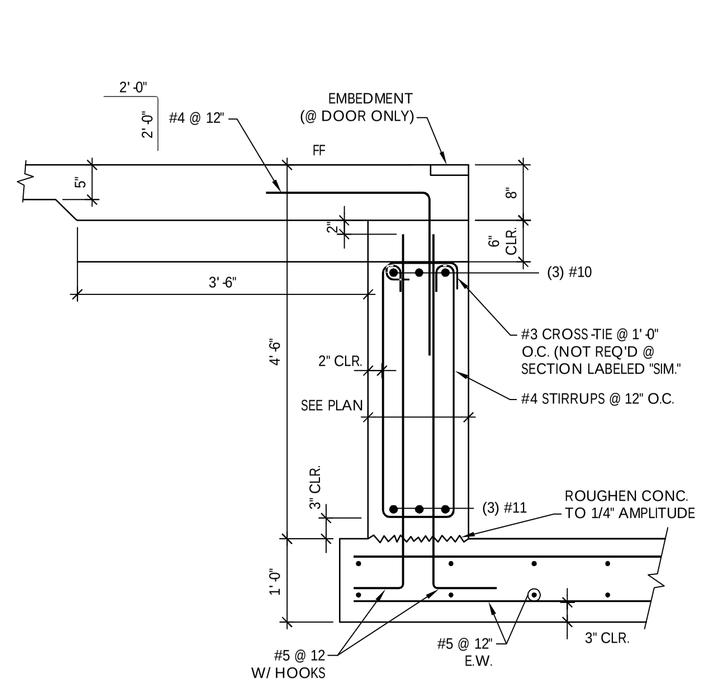
F3 / S3.0 — TYPICAL LAP SPLICE SCHEDULE



NOTES:

1. Horizontal reinforcement shall have matching dowels at beam intersections and corners as specified in Detail H5 / S3.0.
2. Horizontal reinforcement shall extend through concrete piers.

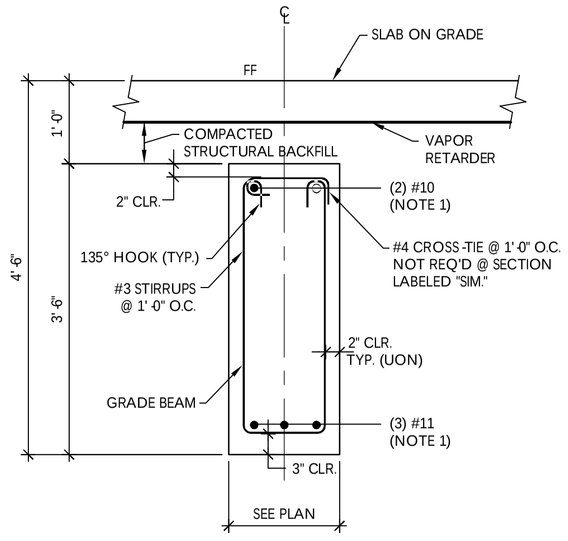
F5 / S3.0 — SECTION — NTS



NOTES:

1. Coordinate Elevator Bondouts with elevator manufacturer.
2. See Arch. Dwgs. for ladder and other requirements.

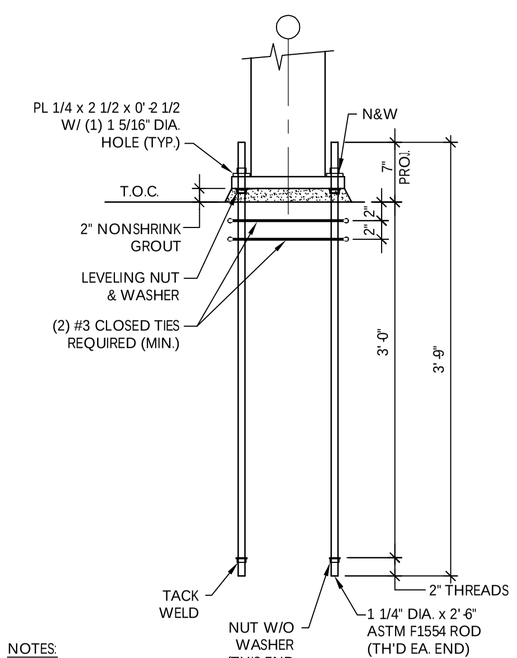
F7 / S3.0 — ELEVATOR PIT SECTION — NTS



NOTES:

1. Horizontal reinforcement shall have matching dowels at beam intersections and corners as specified in Detail H5 / S3.0.
2. Horizontal reinforcement shall extend through concrete piers.

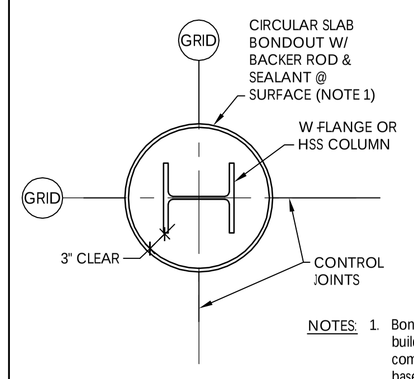
F9 / S3.0 — SECTION — NTS



NOTES:

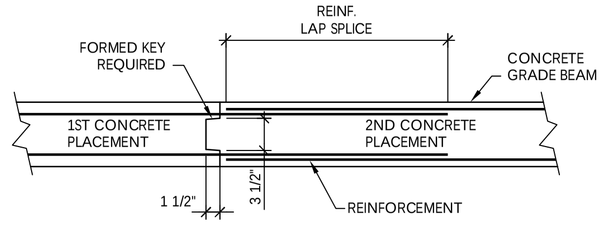
1. Anchor rods shall be 105 ksi conforming to ASTM F1554.
2. Anchor rod placement shall conform to the AISC Code of Standard Practice Tolerance (typical).

H1 / S3.0 — TYPE 3 ANCHOR BOLT — 1" = 1' -0"

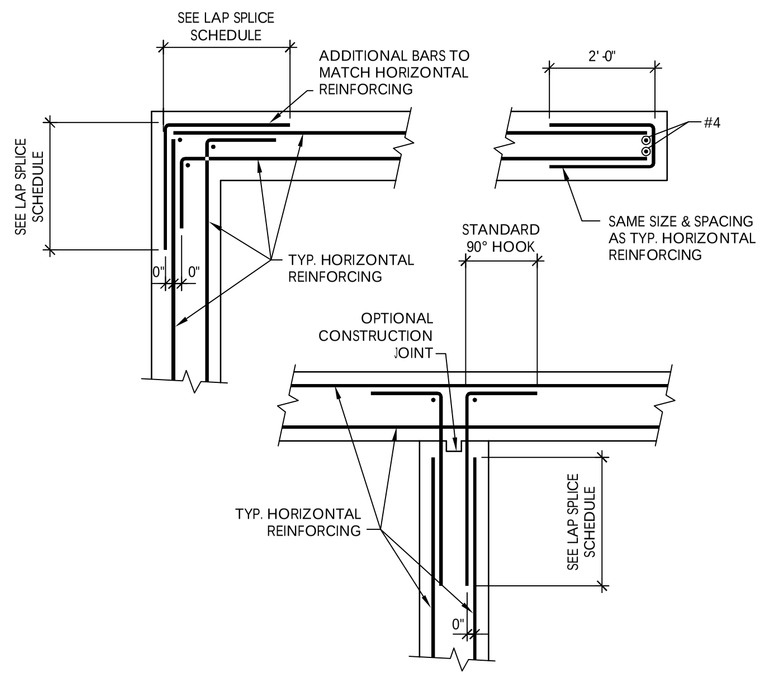


NOTES: 1. Bondout may be deleted at columns located at building exterior walls provided concrete slab completely encases all sides of column and column base plate.

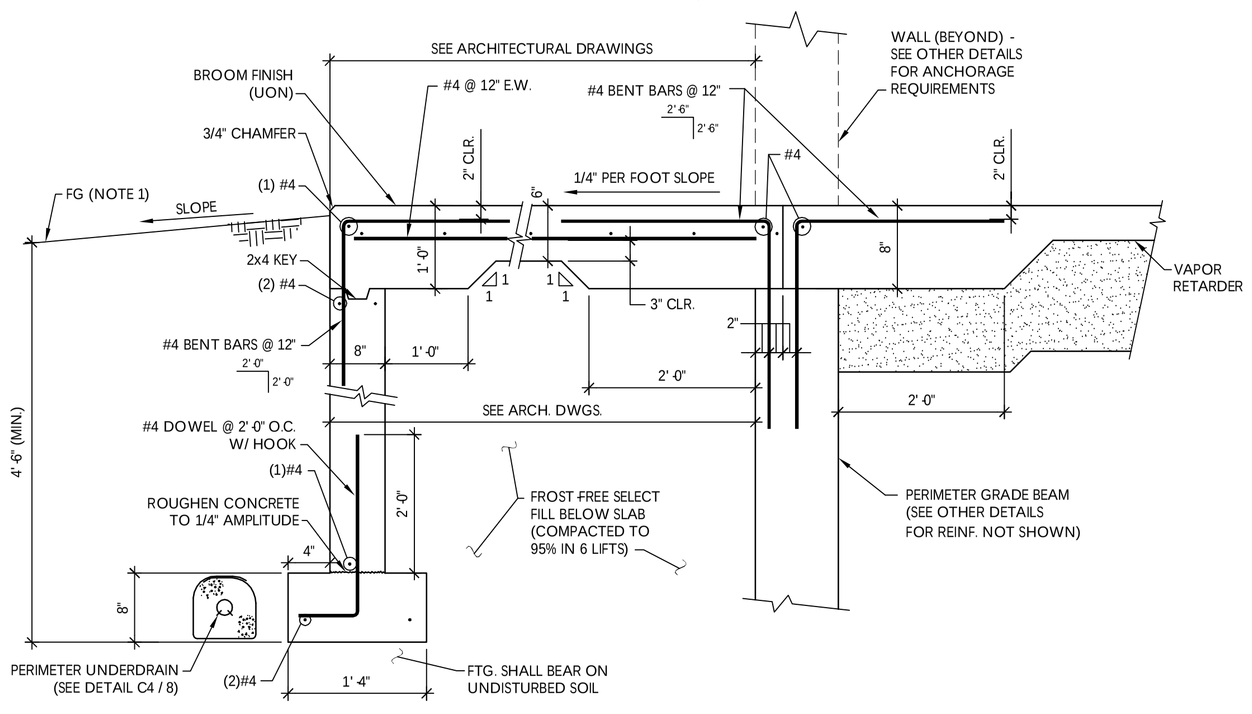
G3 / S3.0 — TYPICAL GROUND FLOOR SLAB BONDOUT @ COLUMNS — NTS



H3 / S3.0 — TYPICAL CONSTRUCTION JOINT IN GRADE BEAM — NTS



H5 / S3.0 — TYPICAL DETAILS AT WALL CORNERS AND INTERSECTIONS — NTS



NOTES: 1. The ground immediately adjacent to the foundation shall be sloped away from the building at a slope of 1/2" vertical to 12" horizontal for a minimum distance of 8' -0". This condition shall exist after settlement of backfill has occurred (condition does not occur at section labeled "sim.").

H7 / S3.0 — SECTION — NTS

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Price Engineers — 75 Farms Edge Road, North Yarmouth, ME 04097

MULTI-TENANT OFFICE BUILDING
MARGINAL WAY
PORTLAND, MAINE
04101

Owner: BAYSIDE HOLDINGS, LLC
50 PORTLAND PIER
SUITE 400
PORTLAND, MAINE
04101

REVISIONS:

Description:	Date:
Issued for Permit Only	11/11/05

CAD Filename: CWS / Marginal Way / Conc

Drawing Title: FOUNDATION SECTIONS & DETAILS

Scale: As Noted
Date: 10/25/05
PSE Proj. No.: 127-05

Drawing Number: S3.0