SECTION F1/S1
Scale: 3/4" = 1'-0"

NOTE:
Install & Securely Fasten Floor System To FDN Wall Prior To Commencing Back Fill Operation.

SECTION F2/S1
Scale: 3/4" = 1'-0"

SECTION F3/S1, S2
Scale: 3/4" = 1'-0"

Plan View - Control Joint Plan View - Construction Joint

Note: Control Joints Spaced At Max. 40'-0" o.c., & 20'-0" From Corners. Coordinate Final Location With Arch'l Plans

DETAIL – Typical Foundation Wall Joints
Scale: N.T.S.

DETAIL – Typical Floor Joints
Scale: 1" = 1'-0"

Plan - Typ. Reinf. @ Corners Plan - Typ. Reinf. @ Wall Intersection

DETAIL – Typical Wall Reinforcing
Scale: 1" = 1'-0"

FOUNDATION PLAN
Scale: 1/4" = 1'-0"

FOUNDATION NOTES:

1. FOUNDATION DESIGNED BASED ON AN ASSUMED MAXIMUM ALLOWABLE BEARING PRESSURE OF 2500 PSF. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO VERIFY THE SOIL BEARING CAPACITY. NOTIFY THE ENGINEER AND STOP WORK IF CLAY, WET SOILS, FILL, OR OTHER DELETERIOUS MATERIALS ARE ENCOUNTERED.
2. DESIGN OF EXTERIOR FOUNDATIONS IS BASED ON A FROST DEPTH OF 4'-6" BELOW FINISHED GRADE.
3. NO HORIZONTAL JOINT WILL BE PERMITTED IN THE WALLS UNLESS NOTED OTHERWISE.
4. PROVIDE CONTROL JOINTS IN SLABS AT 12 FT O.C. MAX.
5. EXCAVATING AND BACK FILLING AT NEW FOUNDATION WALLS SHALL BE DONE SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES. WHERE DESIGN CONDITIONS REQUIRE DIFFERENT BACK FILL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET, TO PROVIDE FULL SUPPORT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, INSTALLATION, AND FINAL CLEARANCE OF ANY NEEDLING, SHORING, OR BRACING OF EXISTING STRUCTURES.
7. VAPOR BARRIER BENEATH SLAB SHALL BE 10 Mil "STEGO WRAP" OR APPROVED EQUAL. POLYETHYLENE IS NOT AN ALTERNATE PRODUCT.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO ACI-318.
2. ALL CONCRETE EXCEPT INTERIOR AND EXTERIOR SLABS ON GROUND SHALL BE 3000 PSI AT 28 DAYS AND A MAXIMUM SLUMP OF 4". ALL INTERIOR AND EXTERIOR SLABS ON GROUND SHALL BE 4000 PSI AT 28 DAYS AND A MAXIMUM SLUMP OF 4". MAXIMUM SIZE AGGREGATE SHALL BE ¾" (WALL/FOOTINGS) AND ¾" (SLABS ON GROUND).
3. CONCRETE TO REMAIN EXPOSED TO WEATHER SHALL BE AIR ENTRAINED. NO AIR ENTRAINMENT IN INTERIOR CONCRETE SLABS.
4. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
5. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60. DEFORMED BARS SHALL BE DETAILED AND FABRICATED IN ACCORDANCE TO ACI-315 LATEST EDITION, AND PLACED IN ACCORDANCE WITH ACI-318.
6. SPLICES OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI-318.
7. ANCHOR RODS SHALL CONFORM TO ASTM F1554-36.
8. HOOKS NOT DIMENSIONED SHALL BE ACI STANDARD HOOKS.
9. CONCRETE COVER OVER REINFORCEMENT SHALL BE AS FOLLOWS:
   - CONCRETE CAST AGAINST EARTH = 3"
   - CONCRETE EXPOSED TO EARTH OR WEATHER = 1½"
   - CONCRETE NOT EXPOSED TO EARTH OR WEATHER = ¾"
10. PROVIDE CONTROL JOINTS IN STRUCTURAL SLAB AT 12-0" ON CENTER MAX.
11. PROPORTION DESIGN MIXES TO PROVIDE CONCRETE FOR INTERIOR AND EXTERIOR SLABS-ON-GRADE WITH THE FOLLOWING PROPERTIES:
    a. STRENGTH; 4000psi @ 28 DAYS, 3/4" AGGREGATE
    b. W/C RATIO: 0.46
    c. ENTRAINED AIR: 6% ±1%
    d. SLUMP: 3"± 1"

FOR CONSTRUCTION
ISSUED
3/8/17

STATE OF MAINE
BRUCE W. MACLEOD
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TITLE: FOUNDATION PLAN

DATE: 1/27/17	DRAWN BY: BWM	DRAWING NUMBER:
SCALE: as noted	PROJ NO: 2017-010	S-1.0