



NOTES:
 A. DO NOT BACKFILL BASEMENT WALL UNTIL BASEMENT SLAB-ON-GRADE AND FIRST FLOOR STEEL FRAMING AND CONCRETE FLOOR DECK ARE INSTALLED.
 B. FOUNDATION DRAIN ELEVATIONS ARE PROVIDED FOR PRELIMINARY COST ESTIMATE ONLY. THE DRAINAGE SHALL BE CONSTRUCTED BASED ON THE SITE DRAWINGS. G.C. SHALL COORDINATE REQUIRED STONE LAYER THICKNESS AS REQUIRED FOR DRAIN INSTALLATION.

- NOTES:**
- SEE S6001 FOR STRUCTURAL GENERAL NOTES.
 - FINISH FIRST FLOOR REFERENCE ELEVATION (100'-0") = USGS ELEVATION 73.67'. ALL ELEVATIONS SHOWN ON DRAWINGS ARE IN REFERENCE TO EL. 100'-0".
 - TOP OF CONCRETE IS SHOWN [-0'-0"] FROM FINISHED FLOOR ELEVATION 100'-0".
 - TOP OF INTERIOR FOOTINGS IS 1'-4" BELOW TOP OF BASEMENT FLOOR SLAB U.N.O.
 - TOP OF PERIMETER PIERS AS NOTED ON PIER DETAILS.
 - COORDINATE LOCATION OF PIPE PENETRATIONS WITH PLUMBING DRAWINGS.
 - F- DENOTES FOOTING SIZE, SEE FOOTING SCHEDULE K14/SB502 FOR SIZE AND REINFORCING.
 - P- DENOTES PIER TYPE, SEE SB503 FOR SIZE AND REINFORCING.
 - AB- DENOTES ANCHOR BOLT TYPE, SEE K9/SB501. ALL ANCHORS SHALL BE A617 U.N.O.-SEE S601 FOR ANCHOR BOLT PATTERNS.

EARTHWORK NOTES:

- ALL FOOTINGS SHALL BEAR ON COMPACTED 12-INCH THICK MINIMUM LAYER OF CRUSHED STONE (PROTECTED WITH GEOTEXTILE FILTER FABRIC) PLACED OVER UNDISTURBED NATIVE SOIL OR COMPACTED GRANULAR FILL.
- BENEATH INTERIOR FLOOR SLABS PROVIDE THE FOLLOWING MATERIALS:
 - A. VAPOR RETARDER: GIFFOLYN T-66G.
 - B. COMPACTED CRUSHED STONE ON GEOTEXTILE FILTER FABRIC SEE A14/SB502.
- BACK FILL FOUNDATION WALLS AND FOOTINGS WITH STRUCTURAL FILL, COMPACTED.
- SPECIFIED FILL MATERIALS SHALL COMPLY WITH THE FOLLOWING GRADATIONS:
 - A. STRUCTURAL FILL:

SIEVE SIZE	PERCENT FINER BY WEIGHT
6"	100%
#4	30-80%
#40	10-50%
#200	0-8%
- MAX. PARTICLE SIZE LIMITED TO 3 INCH WITHIN 20 FEET OF WALLS, PIERS, FOOTINGS, AND GROUND FLOOR SLABS.
- CRUSHED STONE:

SIEVE SIZE	PERCENT FINER BY WEIGHT
3/4"	100%
1/2"	90-100%
3/8"	40-70%
#8	0-15%
#8	0-5%
- SLAB BASE SOIL:

SIEVE SIZE	PERCENT FINER BY WEIGHT
#4	40-70%
#40	25-45%
#200	0-10%
- COMPACT FILL MATERIALS IN ACCORDANCE WITH ASTM D-1557 AND THE GEOTECHNICAL REPORT GUIDELINES, FOR THE FOLLOWING PERCENTAGES OF THE MAXIMUM DRY DENSITY:
 - A. BUILDING INTERIOR - 95%
 - B. BUILDING EXTERIOR BENEATH EXTERIOR SLABS AND WALLS WITHIN 24" OF PAVEMENT OR CONCRETE SUB GRADE - 95%
 - C. BUILDING EXTERIOR AT ALL OTHER LOCATIONS - 90%

FOUNDATION NOTES:

- FOUNDATIONS HAVE BEEN DESIGNED BASED ON GEOTECHNICAL INVESTIGATION FOR THE PROPOSED PINE TREE COUNCIL HQ, SOUTH PORTLAND, ME, PREPARED BY JAMES W. WEAVER, PE, DATED JUNE 26, 2002.
- BUILDING FOOTINGS HAVE BEEN DESIGNED FOR 2000 PSF OF ALLOWABLE SOIL BEARING PRESSURE.
- EXTERIOR FOOTINGS SHALL BE FOUNDED A MINIMUM OF 4.5 FEET BELOW FINISHED GRADE, UNLESS SHOWN OTHERWISE.
- SOIL SUBGRADES SHALL BE PROTECTED AGAINST FREEZING.
- DO NOT BACKFILL FROZEN GROUND.

PROJECT TITLE: BOY SCOUTS OF AMERICA PINE TREE COUNCIL PORTLAND, ME.	PROJECT: NORTH		ARCHITECTURE ENGINEERING PLANNING SMRT 144 Fore Street/P.O. Box 618 Portland, Maine 04104 tel. (207) 772-3846 fax. (207) 772-1070	
SHEET No. SB101	FOUNDATION PLAN	SCALE: 1/8" = 1'-0"	PROJECT MANAGER: JWH A/E/DRAWN BY: JSW A/E OF RECORD: JSW SMART CAD FILE: SB101-03152 PROJECT NO.: 03152 DATE:	REV DESCRIPTION DATE