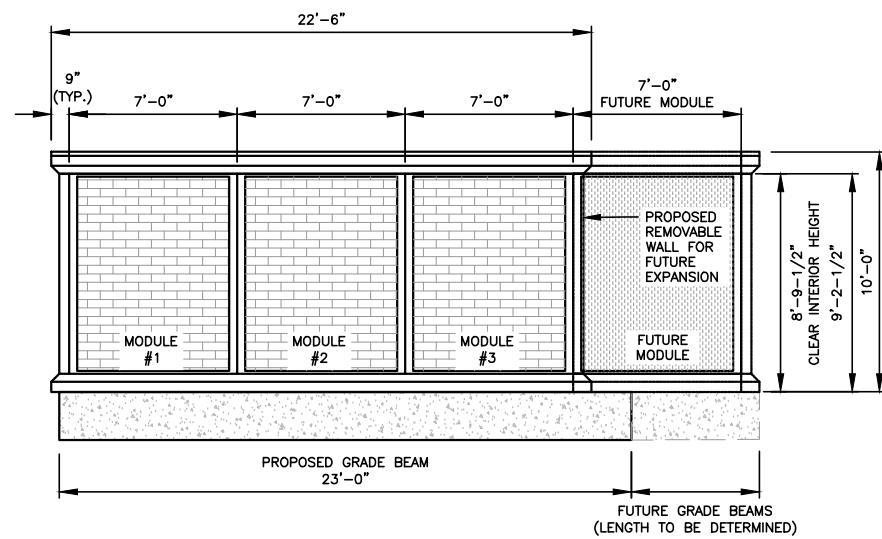
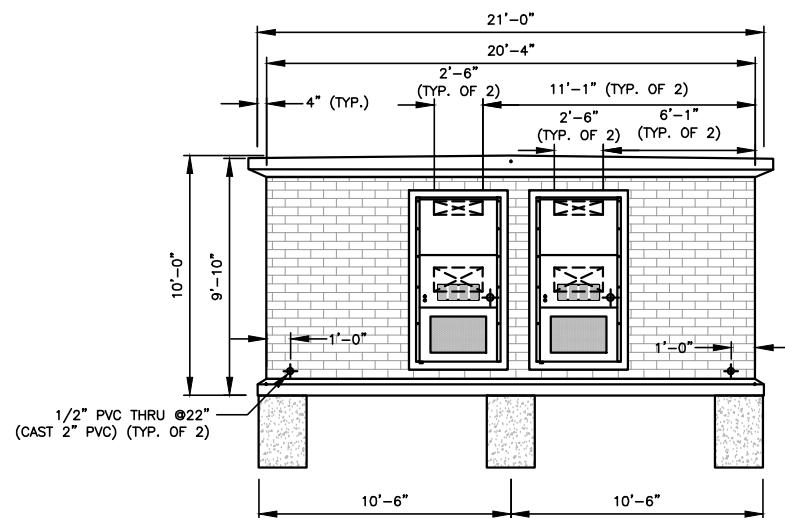
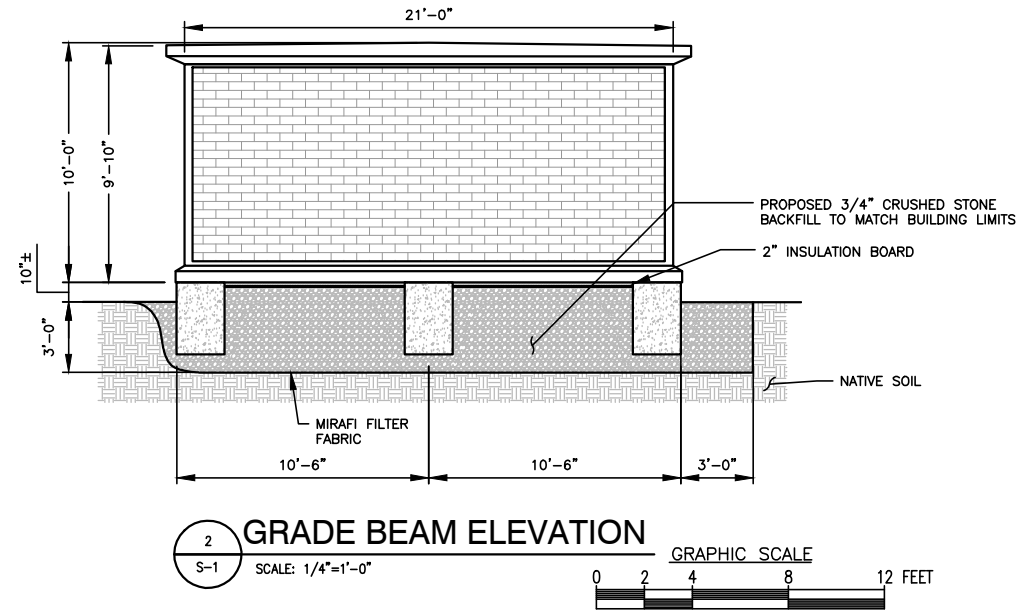
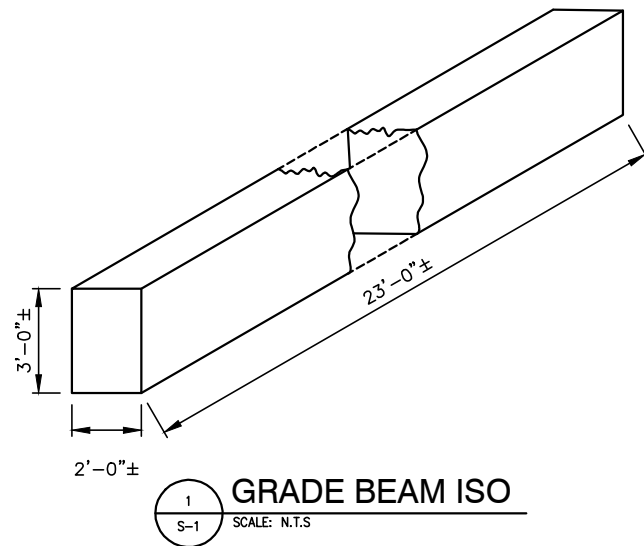


FOUNDATION NOTES & CONCRETE SPECIFICATIONS

- FOUNDATION AREA SHALL BE EXCAVATED TO THE DEPTH AND DIMENSIONS SHOWN ON THE PLANS. EXISTING LEDGE AND ALL OTHER EXISTING UNSUITABLE MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE. THE SUBGRADE SHALL BE ROLLED WITH A 1-TON, VIBRATORY, WALK-BEHIND ROLLER AT A SPEED OF LESS THAN 2 FPS, 6 PASSES MINIMUM, TO PROVIDE UNYIELDING SURFACE.
- UNDERCUT SOFT OR "WEAVING" AREAS A MINIMUM OF 12 INCHES DEEP. BACKFILL UNDERCUT AREA WITH FILL MEETING THE SPECIFICATIONS OF STRUCTURAL FILL. (SEE NOTE #3)
- CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'_c)=5000 PSI. CONCRETE TO BE AIR ENTRAINED, DESIRED AIR CONTENT TO BE 6% (PLUS OR MINUS 2%)
- BAR REINFORCING TO BE ASTM A615 GRADE 60.
- WELDED WIRE FABRIC TO CONFORM TO THE REQUIREMENTS OF ASTM A185. WIRES FOR FABRIC TO CONFORM TO THE REQUIREMENTS OF ASTM A82.
- COORDINATE WITH MANUFACTURER OF PREFABRICATED SHELTER FOR LOCATION OF ATTACHMENTS TO BASE SLAB.
- ALL REINFORCING TO HAVE 2" MINIMUM CONCRETE COVER.
- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO LATEST EDITION OF ACI 318 BUILDING CODE, AND IBC 2009.

**UNITED CONCRETE PRODUCTS, INC.
GENERAL NOTES:**

- CONCRETE COMPRESSIVE STRENGTH: **5,000 PSI @ 28 DAYS.**
- STRUCTURAL SHALL BE WET CAST USING A SELF COMPACTING CONCRETE MIX.
- REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATIONS A615, GRADE 60, 1-1/2" MINIMUM COVER, U.N.O.
- CONCRETE STRUCTURE TO HAVE 5" SOLID WALLS WITH 1/2" FLUTES, 5" THICK FLOOR AND 6" THICK ROOF.



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TEL: (978)-557-5553
FAX: (978)-336-5586

STATE OF MAINE
DEREK J. GREASER
NO. 12752
LICENSED ENGINEER
DATE

REVISIONS		
REV. #	DATE	DESCRIPTION
0	03/02/16	ISSUED FOR REVIEW

PROJECT NO.	DESIGNED BY: RP	SCALE:
	DRAWN BY: VP	AS SHOWN
	CHECKED BY: DPH	

SITE NAME:
MFC PORTLAND

SITE ADDRESS:
9 WESTLAND AVENUE
PORTLAND, ME 04101

SHEET TITLE:
SHELTER FOUNDATION DETAILS

SHEET NO:
S-1