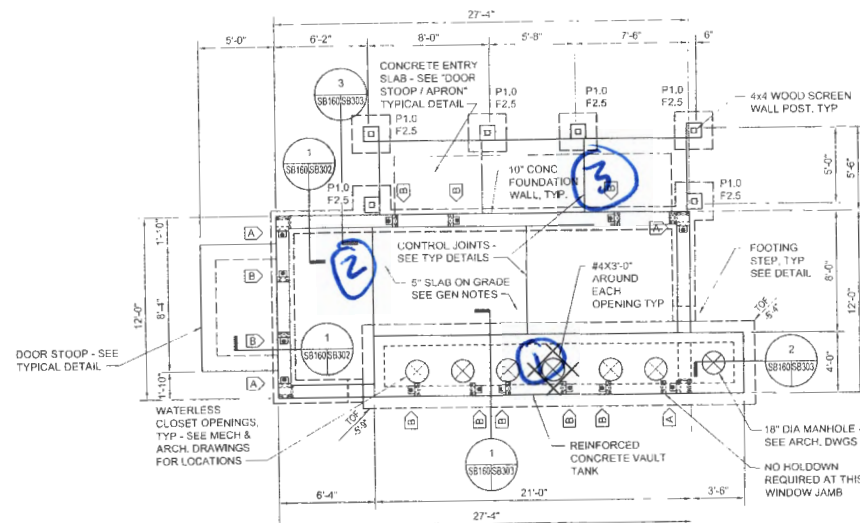


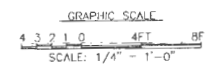
**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: FTW 405 Range Control
Fort Wainwright, AK
Client: Cornerstone General Contractors****Project #: 2025-091
Date: May 19, 2026
Area Tested: Latrine Backfill****Material / Source:**
Pitrun/ West Pile 143.8**Gauge: Instrotek 3500 Ser: # 1748
Operator: John Trush**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	4	Latrine Backfill	147.2	6.5	138.2	143.8	96.1%	95%
2	pitrun	8"	4	Latrine Backfill	149.1	5.2	141.7	143.8	98.6%	95%
3	pitrun	8"	4	Latrine Backfill	145.6	5.5	138.0	143.8	96.0%	95%



LATRINE BUILDING FOUNDATION AND FLOOR PLAN

- SCALE: 1/4" = 1'-0"
1. FINISH FLOOR (TOP OF SLAB) REFERENCE ELEVATION 0'-0". UNLESS NOTED.
 2. TOP OF FOOTINGS 4'-0" BELOW FINISH FLOOR ELEVATION UNLESS NOTED.
 3. FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES, PLAN AND TYPICAL DETAILS.
 4. EXTERIOR WALL FRAMING: SEE SECTIONS AND WOOD CONSTRUCTION GENERAL NOTES AND TYPICAL DETAILS. SEE SECTIONS FOR SILL PLATE ANCHOR SPACING.
 5. HOLD-DOWNS:
 - (A) TYPE A SHEAR WALL HOLD-DOWN - SEE DETAIL SHEET S-502
 - (B) TYPE B HOLD-DOWN - SEE HEADER FRAMING SCHEDULE AND DETAIL SHEET S-502
 6. SCREEN WALL FOUNDATION:
 - F2.5: 2'-6"x2'-6"x1'-0" FOOTING REINFORCED WITH (3) #5 EW BOTTOM. CENTER FOOTING ON SCREEN WALL. POST & PEDESTAL AT FOOTINGS ADJACENT TO BUILDING. CAST INTEGRALLY WITH BUILDING FOOTING. SEE SECTION 3/SB303.
 - P1.0: 12"x12" PEDESTAL CENTERED ON SCREENWALL POST. AT PEDESTALS, ADJACENT TO BUILDING, CAST THE PORTION OF PEDESTAL BELOW THE EXTERIOR SLAB TURN-DOWN INTEGRALLY WITH BUILDING FOUNDATION WALL. SEE SECTION 3/SB303. TOP OF PEDESTAL = 0'-0".



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY HATWARD N. WARREN ON 27 AUGUST 2024

PM 642,702
FORT WAINWRIGHT, ALASKA
MULTIPURPOSE MACHINE GUN RANGE (MPMG)
LATRINE BUILDING
FOUNDATION AND FLOOR PLAN

REFERENCE NUMBER:
SB160
SHEET OF

RTA

Corner store / FSW 405
5/19/24 JC
Latrine BLDG Pad L-FW4

Approved By: Stefan Mack Stefan Mack PE, Lab Manager