



**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)**

**Project: Building 3401 ADA Improvements
Fort Wainwright, AK
Client: Bristol Building Constructors, LLC**

**Project #: 26-003
Date: June 17, 2026
Area Tested: Exterior Wall/ Building pad**

Material / Source:
Screened Pitrun/ Metro 141.2

**Gauge: Instrotek 3500 Ser: # 1019
Operator: Ben Marth**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	7	Exterior Wall/ Building Pad Backfill	143.1	5.0	136.3	141.2	96.5%	95%
2	pitrun	8"	7	Exterior Wall/ Building Pad Backfill	144.0	4.5	137.8	141.2	97.6%	95%
3	pitrun	8"	9	Exterior Wall/ Building Pad Backfill	148.8	5.2	141.4	141.2	100.2%	95%
4	pitrun	8"	9	Exterior Wall/ Building Pad Backfill	147.2	5.6	139.4	141.2	98.7%	95%
5	pitrun	8"	10	Exterior Wall/ Building Pad Backfill	146.6	4.2	140.7	141.2	99.6%	95%
6	pitrun	8"	10	Exterior Wall/ Building Pad Backfill	144.5	5.1	137.5	141.2	97.4%	95%
7	pitrun	8"	11	Exterior Wall/ Building Pad Backfill	147.5	5.0	140.5	141.2	99.5%	95%
8	pitrun	8"	11	Exterior Wall/ Building Pad Backfill	145.2	4.8	138.5	141.2	98.1%	95%
9	pitrun	8"	12	Exterior Wall/ Building Pad Backfill	146.9	4.9	140.0	141.2	99.2%	95%
10	pitrun	8"	12	Exterior Wall/ Building Pad Backfill	146.7	5.6	138.9	141.2	98.4%	95%
11	pitrun	8"	3	Chiller Pad	149.1	4.9	142.1	141.2	100.7%	95%
12	pitrun	8"	4	Chiller Pad	148.6	5.3	141.1	141.2	99.9%	95%
13	pitrun	8"	5	Chiller Pad	146.5	4.9	139.7	141.2	98.9%	95%
14	pitrun	8"	6FG	Chiller Pad	149.1	5.4	141.5	141.2	100.2%	95%

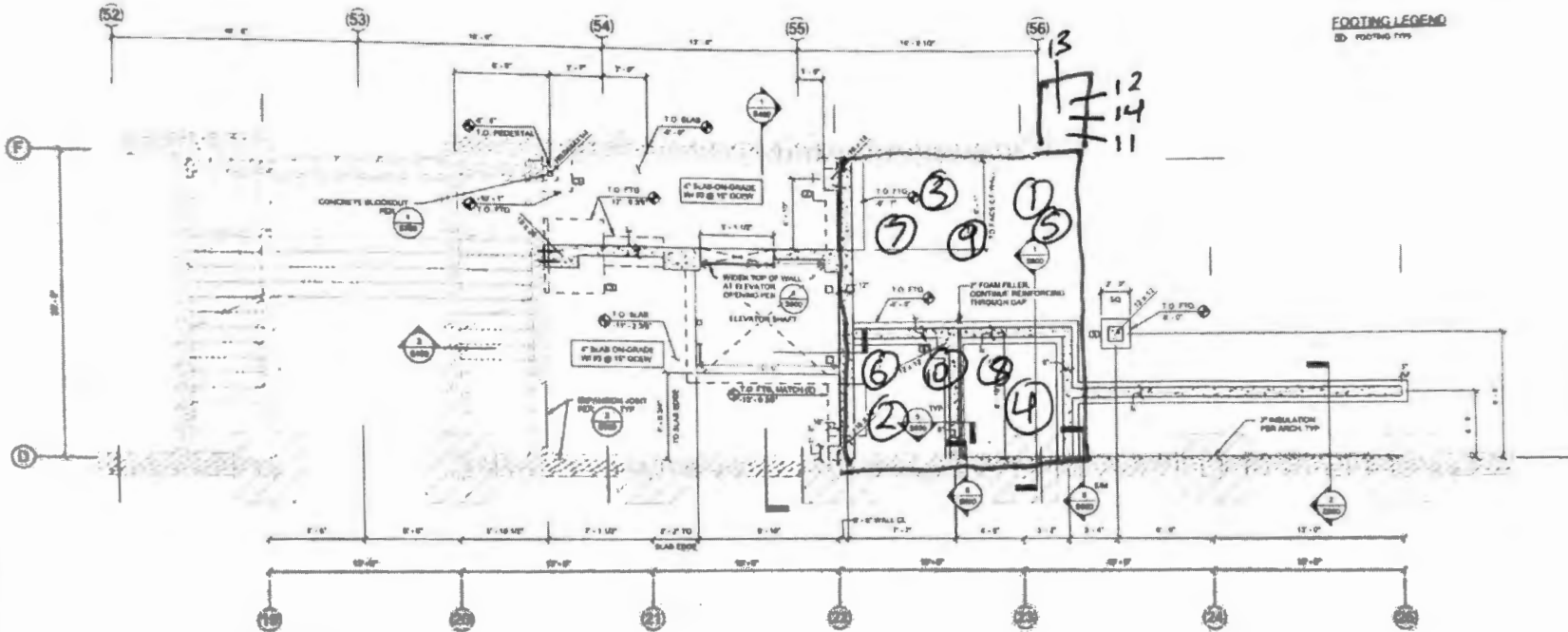


GENERAL NOTES

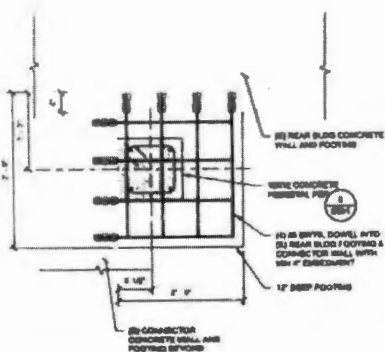
CONCRETE FOOTING DETAILS PER S201

FOOTING LEGEND

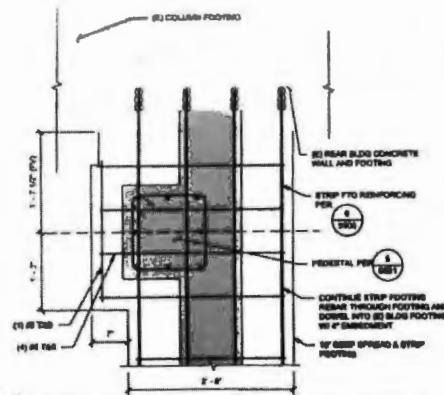
1. FOOTING TYPE



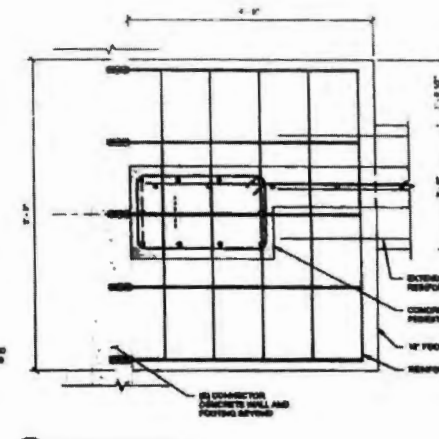
1. FOUNDATION PLAN - LEVEL 0 & 0.5



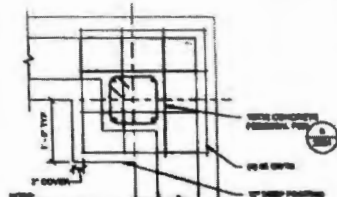
2. CONCRETE FOOTING TYPE 1



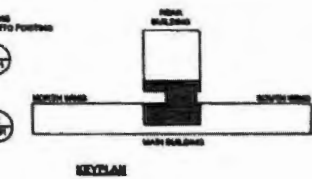
3. CONCRETE FOOTING TYPE 2



4. CONCRETE FOOTING TYPE 3



5. CONCRETE FOOTING TYPE 4 & 5



6. CONCRETE FOOTING TYPE 6

BUILDING 3401
ADA
IMPROVEMENTS

DATE	BY
DESIGNED BY	CHECKED BY
APPROVED BY	DATE
SCALE	1\"/>

FOUNDATION
PLAN - LEVEL 0 &
0.5

S201

Bristol FTW3401 6/17/26
swm Exterior Wall / Building Pad Backh'll Lift 7, 9, 10, 11, 12
Miller Pad Lift 3 4 5 6 / FG