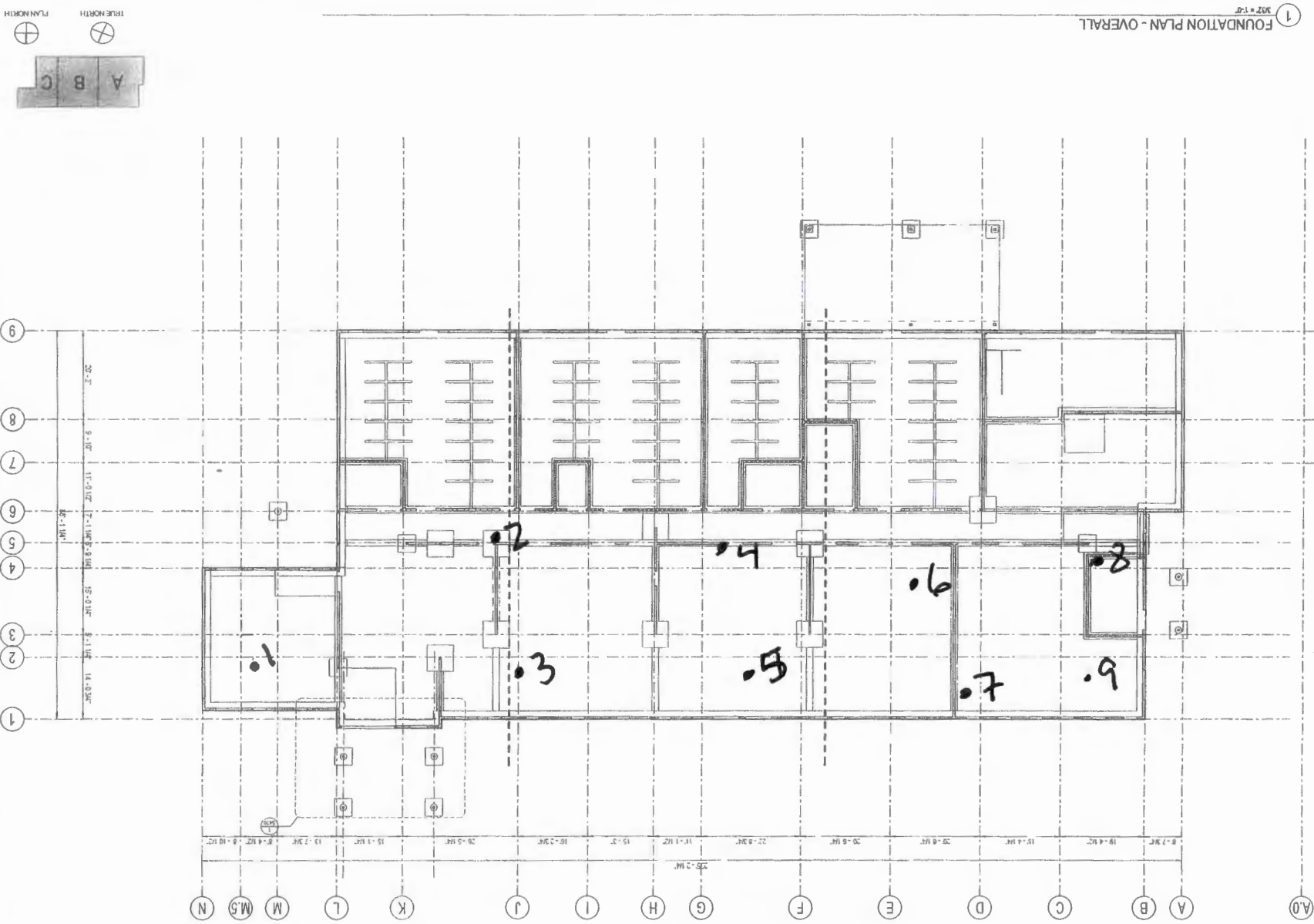


**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Animal Shelter
Fairbanks, Ak
Client: Watterson Construction****Project #: 2026-042
Date: July 14, 2026
Area Tested: Building Pad****Material / Source:**
CF/ FSG AGG 139.7**Gauge: Instrotek 3500 Ser: # 963
Operator: Chris Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	CF	12"	7	Building pad (see map)	142.8	4.6	136.5	139.7	97.7%	95%
2	CF	12"	7	Building pad (see map)	141.8	4.0	136.3	139.7	97.6%	95%
3	CF	12"	7	Building pad (see map)	144.6	3.8	139.3	139.7	99.7%	95%
4	CF	12"	7	Building pad (see map)	145.0	5.0	138.1	139.7	98.9%	95%
5	CF	12"	7	Building pad (see map)	140.4	3.7	135.4	139.7	96.9%	95%
6	CF	12"	7	Building pad (see map)	141.4	3.8	136.2	139.7	97.5%	95%
7	CF	12"	7	Building pad (see map)	140.2	4.6	134.0	139.7	95.9%	95%
8	CF	12"	7	Building pad (see map)	142.4	5.7	134.7	139.7	96.4%	95%
9	CF	12"	7	Building pad (see map)	142.7	5.1	135.8	139.7	97.2%	95%

1 FOUNDATION PLAN - OVERALL
SCALE = 1/4" = 1'-0"



PROJECT NO. 220016
DATE 2025-11-20
DRAWN BY CJS
CHECKED BY OOL

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ANIMAL SHELTER REPLACEMENT
FAIRBANKS NORTH STAR BOROUGH
PROJECT NO. 20-ANSPRJ-1
FAIRBANKS, ALASKA



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