Mappa Inc

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

Project: Trooper Station Addition
Fairbanks, AK
Client: Design Alaska DPS

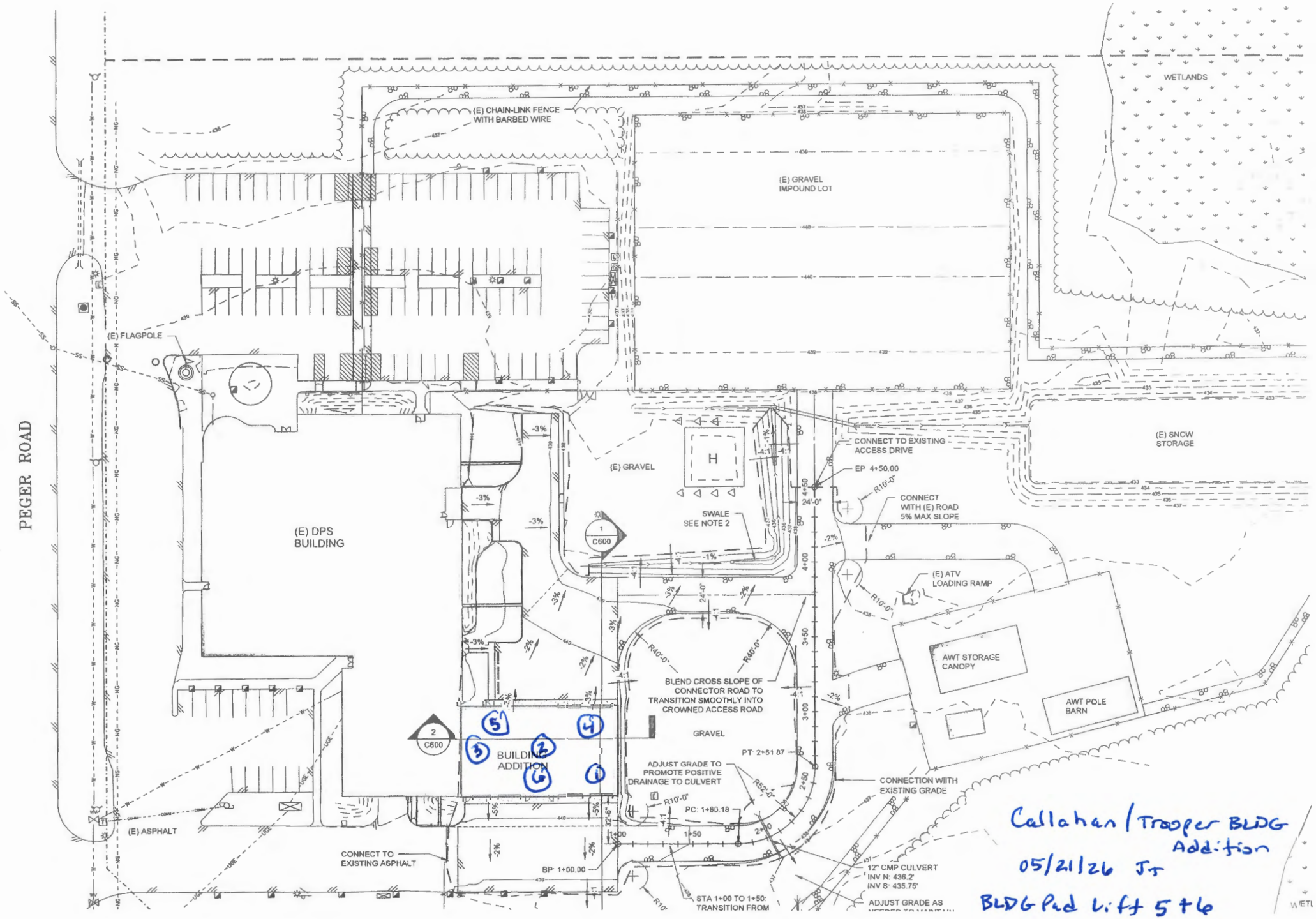
Project #: 2026-005
Date: May 21, 2026
Area Tested: Addition Building pad

Material / Source:
Pitrun/ GNI Metro **139.3**

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	6"	5	Addition Building pad (see map)	138.3	4.4	132.5	139.3	95.1%	95%
2	pitrun	6"	5	Addition Building pad (see map)	139.9	4.8	133.5	139.3	95.8%	95%
3	pitrun	6"	5	Addition Building pad (see map)	141.7	5.5	134.3	139.3	96.4%	95%
4	pitrun	6"	6	Addition Building pad (see map)	142.8	6.9	133.6	139.3	95.9%	95%
5	pitrun	6"	6	Addition Building pad (see map)	141.0	6.2	132.8	139.3	95.3%	95%
6	pitrun	6"	6	Addition Building pad (see map)	145.0	7.9	134.4	139.3	96.5%	95%

Approved By: *Stefan Mack* Stefan Mack PE, Lab Manager



Callahan / Trooper BLDG Addition
05/21/26 JT
BLDG Pad Lift 5 + 6