

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Fairbanks Temple****Fairbanks, AK****Client: The Church of Jesus Christ of Latter-Day Saints****Project #: 2025-110****Date: July 31, 2026****Area Tested: Meeting House/ Ancillary Storage****Material / Source:****1" Minus/ Van Horn****136.4****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	1" minus	8"	3	Meeting House Interior Foundation Backfill (see map)	138.5	6.0	130.7	136.4	95.8%	95%
2	1" minus	8"	3	Meeting House Interior Foundation Backfill (see map)	136.8	5.2	130.0	136.4	95.3%	95%
3	1" minus	8"	3	Meeting House Interior Foundation Backfill (see map)	137.8	5.7	130.4	136.4	95.6%	95%
4	1" minus	8"	2	Ancillary Storage Yard Backfill (see map)	141.8	6.8	132.8	136.4	97.3%	95%

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