



Alpha Omega Geotech, Inc
1701 State Avenue
Kansas City, KS 66102
Phone: 913-371-0000

Soil Nuclear Gauge

Report Date: 02/26/2024
Test Method: ASTM D 6938

Client:

Tailor Made Exteriors
1610 SE Hamblen Rd
Lee's Summit, MO 64081

Project:

230445
TM Fieldhouse
1600 SE Hamblen Rd
Lees Summit, MO 64081

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min/Max Comp. (%)	Optimum Moisture Tolerance (%)	Remark
10		02/26/24	445557		CL/CH	20.8	102.1	26.1	93.1	117.4	10	91	95 / 102	-1 / 3	DF/MF
11		02/26/24	445557		CL/CH	20.8	102.1	25.7	92.8	116.7	10	91	95 / 102	-1 / 3	DF/MF
12		02/26/24	445557		CL/CH	20.8	102.1	25.4	93.9	117.8	10	92	95 / 102	-1 / 3	DF/MF
13		02/26/24	445557		CL/CH	20.8	102.1	22.3	94.8	115.9	10	93	95 / 102	-1 / 3	DF/MP
14		02/26/24	445557		CL/CH	20.8	102.1	24.6	94.1	117.2	10	92	95 / 102	-1 / 3	DF/MF
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
10	Structural Fill: Building Pad: East half of building pad						1,017.7			Humbolt / 5001EZ-2 / 10582 /			Jacob Smith		
11	Structural Fill: Building Pad: East half of building pad						1,017.7			Humbolt / 5001EZ-2 / 10582 /			Jacob Smith		
12	Structural Fill: Building Pad: East half of building pad						1,017.7			Humbolt / 5001EZ-2 / 10582 /			Jacob Smith		
13	Structural Fill: Building Pad: East half of building pad						1,017.7			Humbolt / 5001EZ-2 / 10582 /			Jacob Smith		
14	Structural Fill: Building Pad: East half of building pad						1,017.7			Humbolt / 5001EZ-2 / 10582 /			Jacob Smith		
Remarks					Comments										
DF/MF: Density Fail / Moisture Fail					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										
DF/MP: Density Fail / Moisture Pass															

Reviewed by: William Connelly,
02/26/2024