



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

Soil Nuclear Gauge

Report Date: 03/01/2024
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 (%)	Remarks
15		02/27/24	445645		CH	21.9	97.1	24.8	92.4	115.3	10	95	95 / 102	-3 / 3	DP/MP
16		02/27/24	445645		CH	21.9	97.1	23.5	94.3	116.5	10	97	95 / 102	-3 / 3	DP/MP
17		02/27/24	445645		CH	21.9	97.1	24.7	93.3	116.4	10	96	95 / 102	-3 / 3	DP/MP
18		02/27/24	445645		CH	21.9	97.1	24.6	94.9	118.2	10	98	95 / 102	-3 / 3	DP/MP
19		02/27/24	445645		CH	21.9	97.1	22.7	97.1	119.2	10	100	95 / 102	-3 / 3	DP/MP
20		02/27/24	445645		CH	21.9	97.1	20.4	97.4	117.3	10	100	95 / 102	-3 / 3	DP/MP
21		02/27/24	445645		CH	21.9	97.1	21.2	97.4	118.1	10	100	95 / 102	-3 / 3	DP/MP
22		02/27/24	445645		CH	21.9	97.1	23.6	98.6	121.9	10	102	95 / 102	-3 / 3	DP/MP
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
15	Structural Fill: Building Pad: Building pad west half Nw corner							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
16	Structural Fill: Building Pad: Building pad west half Sw corner							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
17	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
18	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
19	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
20	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
21	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
22	Structural Fill: Building Pad: Building pad west half							9.0	Inches below sub grade		Humbolt / 5001EZ-2 / 10582 /			Jacob Smith	
Remarks					Comments										
DP/MP: Density Pass / Moisture Pass					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 15, 17, 19: Soil stabilization										



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A handwritten signature in blue ink, reading 'Blake Bennett'.

Reviewed by: Blake Bennett,
03/01/2024