



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

Soil Nuclear Gauge

Report Date: 10/22/2021
Test Method: ASTM D 6938

Client:

LSPH Investors, LLC
7939 Floyd Street
Overland Park, KS 66204

Project:

21-390F
Chipotle Lee's Summit
1130 SE Oldham Pkwy
Lee's Summit, MO

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. (%)	Remark
1		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	9.2	133.8	146.1	4	103	95 / 105	DP/MP
2		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	10.7	132.0	146.1	4	102	95 / 105	DP/MP
3		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	8.6	133.9	145.4	4	103	95 / 105	DP/MP
4		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	10.3	133.5	147.2	4	103	95 / 105	DP/MP
5		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	9.4	133.0	145.5	4	103	95 / 105	DP/MP
6		10/22/21	Terracon Proctor 03/09/2021	A	LVC	8.0	129.6	9.4	134.5	147.1	4	104	95 / 105	DP/MP
Test Information														
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1	Structural Fill: Building Pad: Building pad LVC fill							1st lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
2	Structural Fill: Building Pad: Building pad LVC fill							1st lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
3	Structural Fill: Building Pad: Building pad LVC fill							2nd lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
4	Structural Fill: Building Pad: Building pad LVC fill							2nd lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
5	Structural Fill: Building Pad: Building pad LVC fill							final lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
6	Structural Fill: Building Pad: Building pad LVC fill							final lift		Humboldt / 5001c / 2115 /			Welhoff, Tracy	
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.										