



Compaction Test Report

Report #: SNG-000042
 Test Method: D6938 / T310

Client:
 Hunt Midwest
 8300 NE Underground Dr STE 100
 Kansas City, MO 64161-9736

Project:
 022-01838
 The Retreat at Hook Farms Second Plat
 Lee's Summit, MO

Olathe
 1700 East 123rd Street
 Olathe, KS 66061
 Phone: 913-829-0078 | Fax: 913-829-0258

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
509		07/08/22	87943	C	GP	10.2	129.5	7.6	124.9	134.4	Backscatter	96	95 / 105	NA	A1
510		07/08/22	87943	C	GP	10.2	129.5	8.7	127.3	138.4	Backscatter	98	95 / 105	NA	A1
511		07/08/22	87943	C	GP	10.2	129.5	5.3	125.7	132.4	Backscatter	97	95 / 105	NA	A1
512		07/08/22	87943	C	GP	10.2	129.5	4.1	136.4	142.0	Backscatter	105	95 / 105	NA	A1
513		07/08/22	87943	C	GP	10.2	129.5	5.0	125.9	132.2	Backscatter	97	95 / 105	NA	A1
514		07/08/22	87943	C	GP	10.2	129.5	5.6	127.9	135.1	Backscatter	99	95 / 105	NA	A1
515		07/08/22	87943	C	GP	10.2	129.5	4.8	131.9	138.2	Backscatter	102	95 / 105	NA	A1
516		07/08/22	87943	C	GP	10.2	129.5	7.2	130.8	140.2	Backscatter	101	95 / 105	NA	A1

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
509	Aggregate Base Course: SW Heartland Rd, Sta. 11+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
510	Aggregate Base Course: SW Heartland Rd, Sta. 12+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
511	Aggregate Base Course: SW Heartland Rd, Sta. 13+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
512	Aggregate Base Course: SW Heartland Rd, Sta. 14+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
513	Aggregate Base Course: SW Heartland Rd, Sta. 15+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
514	Aggregate Base Course: SW Heartland Rd, Sta. 16+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
515	Aggregate Base Course: SW Heartland Rd, Sta. 17+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
516	Aggregate Base Course: SW Heartland Rd, Sta. 18+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew

Remarks	Comments
A1: Tests results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.



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517		07/08/22	87943	C	GP	10.2	129.5	5.1	125.8	132.2	Backscatter	97	95 / 105	NA	A1
518		07/08/22	87943	C	GP	10.2	129.5	6.6	128.2	136.7	Backscatter	99	95 / 105	NA	A1
519		07/08/22	87943	C	GP	10.2	129.5	4.7	124.8	130.7	Backscatter	96	95 / 105	NA	A1
520		07/08/22	87943	C	GP	10.2	129.5	6.2	124.8	132.5	Backscatter	96	95 / 105	NA	A1
521		07/08/22	87943	C	GP	10.2	129.5	4.2	130.2	135.7	Backscatter	101	95 / 105	NA	A1
522		07/08/22	87943	C	GP	10.2	129.5	5.2	131.2	138.0	Backscatter	101	95 / 105	NA	A1
523		07/08/22	87943	C	GP	10.2	129.5	5.9	134.9	142.8	Backscatter	104	95 / 105	NA	A1
524		07/08/22	87943	C	GP	10.2	129.5	5.7	129.8	137.2	Backscatter	100	95 / 105	NA	A1

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
517	Aggregate Base Course: SW Heartland Rd, Sta. 19+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
518	Aggregate Base Course: SW Heartland Rd, Sta. 20+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
519	Aggregate Base Course: SW Heartland Rd, Sta. 21+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
520	Aggregate Base Course: SW Heartland Rd, Sta. 22+00, Cul de Sac	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
521	Aggregate Base Course: SW Heartland Court, Sta. 14+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
522	Aggregate Base Course: SW Heartland Court, Sta. 13+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
523	Aggregate Base Course: SW Heartland Court, Sta. 12+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
524	Aggregate Base Course: SW Heartland Court, Sta. 11+00	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew

Remarks	Comments
A1: Tests results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.



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525		07/08/22	87943	C	GP	10.2	129.5	7.3	128.9	138.3	Backscatter	100	95 / 105	NA	A1
526		07/08/22	87943	C	GP	10.2	129.5	5.9	130.3	138.0	Backscatter	101	95 / 105	NA	A1
527		07/08/22	87943	C	GP	10.2	129.5	6.8	131.5	140.4	Backscatter	102	95 / 105	NA	A1
528		07/08/22	87943	C	GP	10.2	129.5	7.5	135.3	145.5	Backscatter	104	95 / 105	NA	A1

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
525	Aggregate Base Course: SW Heartland Court, Sta. 10+00, Cul de Sac	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
526	Aggregate Base Course: SW Crown Dr, Sta. 13+50	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
527	Aggregate Base Course: SW Crown Dr, Sta. 12+50	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew
528	Aggregate Base Course: SW Crown Dr, Sta. 11+50	0.0	Grade	Instrotek / 3500 / 3986 / 12/29/2021	Mitchel, Matthew

Remarks	Comments
A1: Tests results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Stewart Legg
 Project Manager