AS Engineering and Consulting LLC

Density Test Report

ASEC Report ID : 68659
Name of the Project : Sterlington
Project Location : Canton
Weather : sunny
Departure Time : 08/09/2024
ASEC Technician Name : Russell Hendrix

Date : 08/09/2024
Project No : 2024C112
Client Company : SR Homes
Arrival Time : 08/09/2024
Onsite Hours :

Test Date	Test Number	Moisture Content (%)	Dry Density (pcf)	Proctor Number	Max. Dry Density (pcf)	Optimum Moisture (%)	Compaction (%)	Specified Compaction (%)	ASTM Test Method	Pass/Fail
08/09/2024	1	2.5	141.3	P-03	146.7	4.3	96.3	100	D6938	Fail
Location : Cul-de-sac main roadway, Elv/Depth :finished grade										
Comment : requires addition of moisture and recompaction and retesting										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	2	2.8	134.7	P-03	146.7	4.3	91.8	100	D6938	Fail
Location : 200 feet from cul-de-sac, Elv/Depth :finished grade										
Comment : requires addition of moisture and recompaction and retesting										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	3	1.6	144.5	P-03	146.7	4.3	98.5	100	D6938	Fail
Location : 500 feet from cul-de-sac, Elv/Depth :finished grade										
Comment : requires addition of moisture and recompaction and retesting										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	Retest of Test #1	3.7	148.9	P-03	146.7	4.3	101.5	100	D6938	Pass
Location : Cul-de-sac, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	Retest of Test #2	3.6	152.6	P-03	146.7	4.3	100.4	100	D6938	Pass
Location : 20 feet from Cul-de-sacs, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	Retest of Test #3	3.8	153.0	P-03	146.7	4.3	100.5	100	D6938	Pass
Location : 50 feet from Cul-de-sac, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	4	4.0	147.0	P-03	146.7	4.3	100.2	100	D6938	Pass
Location : 100 feet from cul-de-sac, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	5	4.2	153.9	P-03	146.7	4.3	100.7	100	D6938	Pass
Location : 150 feet from cul-de-sac, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	6	5.2	147.1	P-03	146.7	4.3	100.3	100	D6938	Pass
Location : Main roadway in front of parking spaces, Elv/Depth :finished grade										
Comment :										
Tested By : Russell Hendrix						Gauge Serial No. : 30942				
08/09/2024	7	3.5	146.8	P-03	146.7	4.3	100.1	100	D6938	Pass
Location : Main roadway 50 feet from parking spaces, Elv/Depth :finished grade										
Comment :										

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Tested By :			Russell Hendrix			Gauge Serial No. : 30942				
08/09/2024	8	2.4	148.4	P-03	146.7	4.3	101.2	100	D6938	Pass
Location : 100 feet from parking spaces, Elv/Depth :finished grade										
Comment :										
Tested By :			Russell Hendrix			Gauge Serial No. : 30942				
08/09/2024	9	2.6	149.1	P-03	146.7	4.3	101.6	100	D6938	Pass
Location : 250 feet from parking spaces, Elv/Depth :finished grade										
Comment :										
Tested By :			Russell Hendrix			Gauge Serial No. : 30942				
08/09/2024	10	2.7	147.9	P-03	146.7	4.3	100.8	100	D6938	Pass
Location : Decel lane, Elv/Depth :finished grade										
Comment :										
Tested By :			Russell Hendrix			Gauge Serial No. : 30942				

Remark: Test performed in general accordance with signatured referenced ASTM Method.

Kenneth Mosman

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
02/19/2024	P-01	94.8	25.0	Standard	Brown Silty SAND
05/13/2024	P-02	105.9	18.8	Standard	Brown Silty SAND
	P-03	146.7	4.3	Standard	GAB