

ASEC Report ID : 80731
 Name of the Project : Riverwood Retaining Wall
 Project Location : Dallas
 Weather : sunny
 Departure Time : 04/16/2025 17:00
 ASEC Technician Name : Vamsi Polisetty

Date : 04/16/2025
 Project No : 2025C150
 Client Company : Davidson Homes
 Arrival Time : 04/16/2025 08:30
 Onsite Hours : 08:30

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
04/16/2025	1	30.3	88.9	2025-019 SP	95.8	21.5	92.8	95	D6938	Fail
Location : Lot #225 (next to Lot #226), Elv/Depth :fourth lift Comment : In-situ moisture contents much higher than optimum which is degrading compactive effort. Recommend to scarify and aerate. Tested By : Vamsi Polisetty Gauge Serial No. : 29588										
04/16/2025	02	31.8	88.8	2025-019 SP	95.8	21.5	92.7	95	D6938	Fail
Location : Lot #225, Elv/Depth :fourth lift Comment : In-situ moisture contents much higher than optimum which is degrading compactive effort. Recommend to scarify and aerate. Tested By : Vamsi Polisetty Gauge Serial No. : 29588										
04/16/2025	3	31.3	83.3	2025-019 SP	95.8	21.5	87.0	95	D6938	Fail
Location : Lot #226 (next to Lot #227), Elv/Depth :third lift Comment : In-situ moisture contents much higher than optimum which is degrading compactive effort. Recommend to scarify and aerate. Tested By : Vamsi Polisetty Gauge Serial No. : 29588										
04/16/2025	4	20.6	96.5	2025-019 SP	95.8	21.5	100.7	95	D6938	Pass
Location : Lot #227 (next to Lot #228), Elv/Depth :third lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588										
04/16/2025	5	16.2	96.7	2025-019 SP	95.8	21.5	100.9	95	D6938	Pass
Location : Lot #228, Elv/Depth :third lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588										
04/16/2025	6	14.2	98.2	2025-019 SP	95.8	21.5	102.5	95	D6938	Pass
Location : Lot #229, Elv/Depth :third lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588										

Remark: Test performed in general accordance with signed 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
03/25/2025	2025-009 SP	89.2	25.2	Standard	Red Clayey SAND
03/27/2025	2025-015 SP	102.8	18.1	Standard	Brown Silty fine to medium SAND
04/17/2025	2025-018 SP	99.9	18.5	Standard	Brown Silty SAND
04/21/2025	2025-019 SP	95.8	21.5	Standard	Red Sandy CLAY
04/21/2025	2025-021 SP	97.2	18.6	Standard	Brown Silty SAND