

ASEC Report ID : 81619
 Name of the Project : Riverwood Retaining Wall
 Project Location : Dallas
 Weather : partly cloudy
 Departure Time : 05/09/2025 16:00
 ASEC Technician Name : Vamsi Polisetty

Date : 05/09/2025
 Project No : 2025C150
 Client Company : Davidson Homes
 Arrival Time : 05/09/2025 08:00
 Onsite Hours : 08:00

| 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 |
|--|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 05/09/2025 | 1 | 20.0 | 92.6 | 2025-019 SP | 95.8 | 21.5 | 96.7 | 95 | D6938 | Pass |
| Location : Lot #228 (next to Lot #229), Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 2 | 17.6 | 100.1 | 2025-015 SP | 102.8 | 18.1 | 97.4 | 95 | D6938 | Pass |
| Location : Lot #229, Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 3 | 16.3 | 104.9 | 2025-015 SP | 102.8 | 18.1 | 102.0 | 95 | D6938 | Pass |
| Location : Lot #228 (next to Lot #229), Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 4 | 20.0 | 94.9 | 2025-019 SP | 95.8 | 21.5 | 99.1 | 95 | D6938 | Pass |
| Location : Lot #229, Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 5 | 17.1 | 89.4 | 2025-021 SP | 97.2 | 18.6 | 92.0 | 95 | D6938 | Fail |
| Location : Lot #228 (next to Lot #229), Elv/Depth :Next lift Comment : Recommended recompaction prior to additional backfill placement. Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 6 | 18.0 | 96.1 | 2025-019 SP | 95.8 | 21.5 | 100.3 | 95 | D6938 | Pass |
| Location : Lot #229, Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 7 | 16.7 | 106.3 | 2025-015 SP | 102.8 | 18.1 | 103.4 | 95 | D6938 | Pass |
| Location : Lot #228, Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |
| 05/09/2025 | 8 | 15.5 | 92.7 | 2025-021 SP | 97.2 | 18.6 | 95.4 | 95 | D6938 | Pass |
| Location : Lot #228, Elv/Depth :Next lift Comment : Tested By : Vamsi Polisetty Gauge Serial No. : 29588 | | | | | | | | | | |

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

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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 |