



A&R ENGINEERING and TESTING, INC.

Geotechnical & Material Engineers • Registration No. F-4123

GENERAL REPORT

Project:	2010 Brackenridge Street	Client:	DE Homes, LLC
Project #:	22C13275	Report #:	160949
Date:	08-25-22	Technician:	Phillip Hall
Report of:	FIELD DENSITY TESTING / SOIL SAMPLE PICK UP		

A&R technician was dispatched to the above referenced project on 08-25-22 for density testing. Densities were performed on townhome pads. A total of four (4) tests were performed. Results of these tests are provided on report number 160949A. Technician also obtained a sample of structural fill soil for laboratory testing to determine the optimum moisture/density relationship and Atterberg Limits (PI). Results of these tests are provided on report number 160949B.

Left office: 9:00 am
Arrive site: 10:00 am
Lunch: N/A
Left site: 11:30 am
Arrive office: 12:30 pm
Total hours: 3.5 hrs

Charges:
 Soils Technician: 4.0 hrs. (Min)
 Standard Proctor: 1 each
 Atterberg Limits: 1 each
 Density Gauge: 1 each
 Vehicle Charge: 1 each

Respectfully Submitted,

"This report represents only the materials tested and are not indicative of identical or similar materials. This report shall not be reproduced except in its entirety and with the expressed permission of this laboratory."



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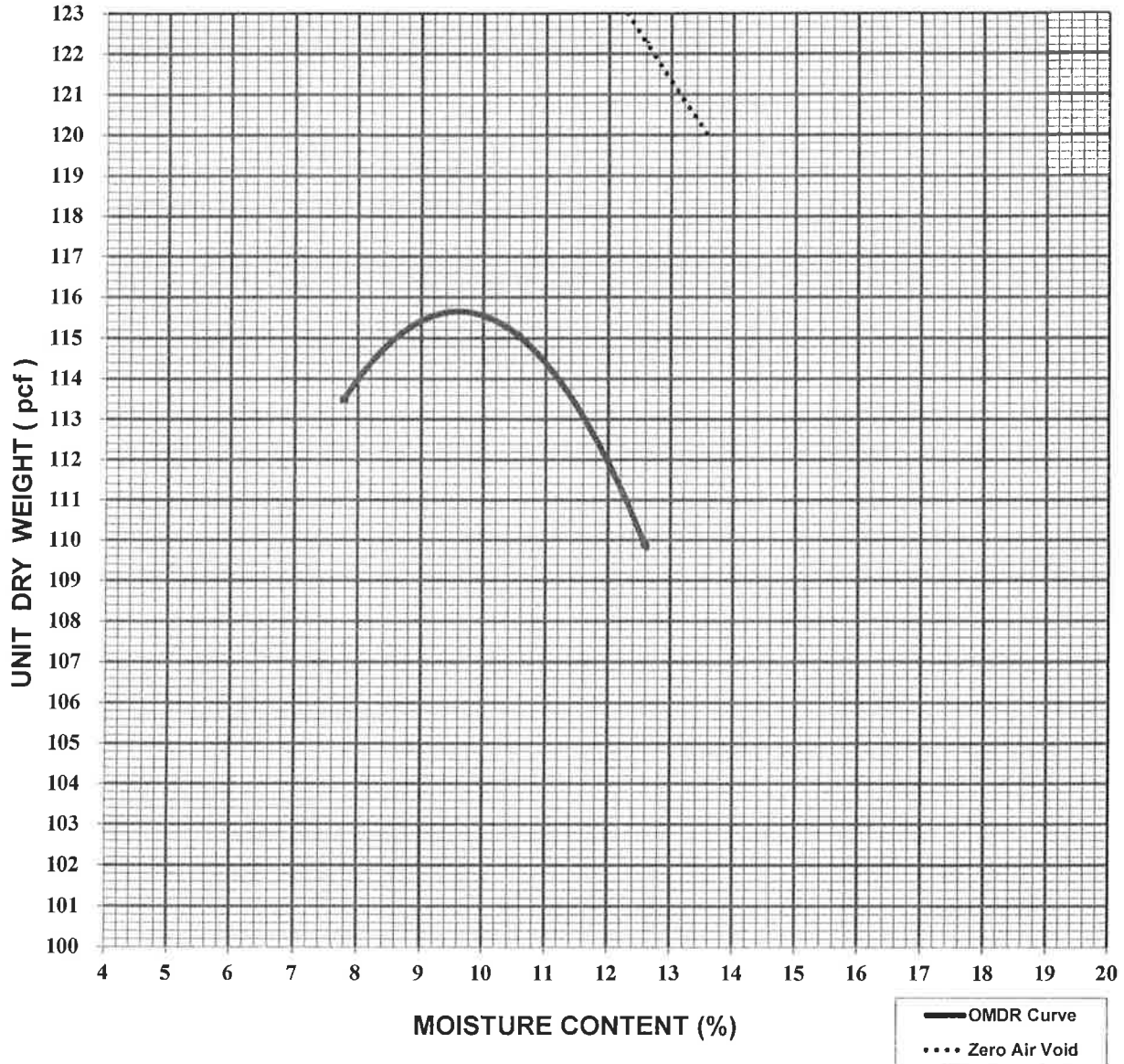
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OPTIMUM MOISTURE/DENSITY RELATIONSHIP OF SOILS

Client: **DE Homes**
 Project: **2010 Brackenridge**
 Test Method: **ASTM D-698 "A"**
 Sample Location: **composite from pads**
 Optimum Water Content (%): **9.8**
 Liquid Limit (%): **28**

Plastic Limit (%): **13**

Date: **8/25/2022**
 Project No: **22C13275**
 Report No./Sample No.: **160949B/6853**
 Material Description: **Brown sandy clay**
 Max. Unit Dry Weight (pcf): **115.5**
 Plasticity Index (%): **15**



Estimated Specific Gravity: 2.600


 Respectfully Submitted

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