Project No: A25153.00138.000
ReportNo.: 386180-1 CT 071825
WorkorderNo.: 386180
Lab No.: 25A818-C
Date 1st Issue: July 29, 2025

607 Northwest Commodity Cove, Port St. Lucie, FL 34986 - P: 772-924-3575 - F: 772-924-3580

Compressive Strength of 4" x 8" Cylinder Test Specimens (ASTM C-39)

Client Amboy Builders LLC
386 S Atlantic Avenue Suite 1125, Ormond Beach, FL 32176

Project Lakefront Estates - CMT and BD
East SR 78, Okeechobee, Okeechobee County, FL

Structural Element: Slab on Grade **Sample Location:** Lot 400 Slab - Sampled at Slab

Set#1 of 1	**Sample From:** Concrete Truck	**Sample By:** Client On 07/18/2025	**At Lab On or Before:** 07/22/2025

General Information	Specified Strength / Sampling Times	Placement Information
General Contractor: CSCI LLC	**Specified Strength:** 4000 psi @ 28 days	**Truck Load:** N/A
Subcontractor:	**Mix Design Strength:** 4000 psi @ 28 days	**Cumulative Quantity:** N/A
Supplier: Cemex	**Water Added at Site:** N/A	**Total Placement for the Day:** N/A
Truck No.: Unknown	**Time Batched:** 12:43 PM	
Ticket No.: Unknown	**Time Sampled:** 12:44 PM	
Mix Design: uk **Admixture:** N/A	**Weather Condition:** Partly Cloudy	

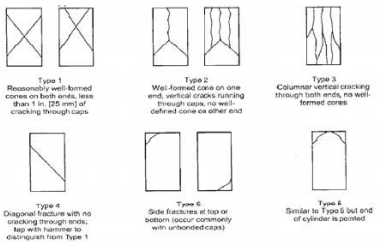
Field Test Results

Air Content: N/A	**Slump:** N/S	**Ambient Temp:** N/S	**Concrete Temp:** N/S	**Unit Weight: N/A**

Results of Laboratory Testing

Test Results	Date Tested	Age Days	Type Of Fracture	Actual Dimen.1 (in)	Actual Dimen.2 (in)	Avg. Dimen. (in)	Test X-Sect. Area (in²)	Max Compressive Load (lbs)	Test Compressive Strength(psi)	Average (psi)	Lab Tech ***
1*G*	07/25/2025	7	5	3.98	4.00	3.99	12.50	38,505	3,080	-	ALE
2*G*	08/15/2025	28	-	-	-	-	-	-	-	-	
3*G*	08/15/2025	28	-	-	-	-	-	-	-	-	
4*G*	08/15/2025	28	-	-	-	-	-	-	-	-	
5*H*	08/15/2025	28	-	-	-	-	-	-	-	-	

Remarks	Cylinders are tested at seven (7) days to get an early indication of the potential strength of the concrete, but the seven (7) day results are not to be used for concrete acceptance. When the compressive strength of the concrete has reached 70% of the specified strength, it is a reasonable practice to use this as an indication that 100% of the specified strength will be attained by twenty-eight (28) days.
Remarks	All information pertinent to concrete placement, slump, water, class, etc., along with casting the test specimens, was prepared by the client or contractor. Universal Engineering Sciences is only responsible for the compressive strength testing.
Note	- *H*- Hold Cylinder -*D*- Defective Cylinder, Un-testable -*E*- Excluded From Average -*G*- Good Condition
Note	**Test Results represent the Structural Element specified only** / **If an air test was not completed, that deviates from C31 procedure**
Note	**Test in compliance with approved plans and specifications** / **Max/Min Temperatures were not recorded, that deviates from C-31 procedure**



Sampled per ASTM C-172 - Unknown
Air Content Performed per ASTM C-173 or C-231 - Unknown
Unit Weight Performed per ASTM C-138 - Unknown
Slump Performed per ASTM C-143 - Unknown
Concrete Temperature Performed per ASTM C-1064 - Unknown
Molded per C-31 - Unknown
Initially Cured per ASTM C-31 - No
Capped in Lab to ASTM C-1231
Cured & Tested in Lab per ASTM C-31 & C-39 - Yes
This Form Conforms With ASTM C-39

Reviewed By
GFA International, Inc
FBPE Registry No.4930
Allan G. Abubakar, P.E.

STATE OF FLORIDA
Professional Engineer No. 69952

This item has been digitally signed and sealed by Allan G. Abubakar, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

***** Lab Technicians**

To establish a mutual protection to Universal's clients, the Public and ourselves, all reports are submitted as confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding Universal's reports is reserved pending our written approval. This report shall not be reproduced, except in full, without the written approval of Universal Engineering Sciences.