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ReportNo.: 377937-1 CT 051325
WorkorderNo.: 377937
Lab No.: 25Y002-C
Date 1st Issue: May 21, 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 458 Slab - Sampled at NW Corner

Set#1 of 1 | **Sample From:** Concrete Truck | **Sample By:** Jacob Perry On 05/13/2025 | **At Lab On or Before:** 05/15/2025

General Information	Specified Strength / Sampling Times	Placement Information
General Contractor: CSCI LLC	**Specified Strength:** 4000 psi @ 28 days	**Truck Load:** 5.00 cu yds.
Subcontractor:	**Mix Design Strength:** 4000 psi @ 28 days	**Cumulative Quantity:** 5.00 cu yds.
Supplier: Cemex	**Water Added at Site:** N/A	**Total Placement for the Day:** 35.00 cu yds.
Truck No.: 71821	**Time Batched:** 6:10 AM	
Ticket No.: 56087290	**Time Sampled:** 8:00 AM	
Mix Design: 1512542 **Admixture:** N/A	**Weather Condition:** Partly Cloudy	

Field Test Results

Air Content: N/A	**Slump:** 5.00 inches	**Ambient Temp:** 71 ºF	**Concrete Temp:** 80 ºF	**Unit Weight: N/A**

Results of Laboratory Testing

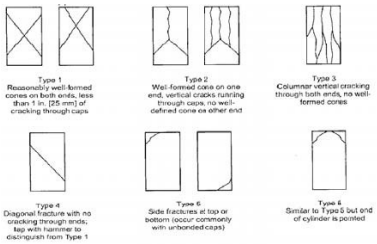
Test Results	Date Tested	Age Days	Type Of Fracture	Actual Dimen.1 (in)	Actual Dimen.2 (in)	Avg. Dimen. (in)	Test X-Sect. Area (in²)	Max Compressive Load (lbs)	Test Compressive Strength(psi)	Average (psi)	Lab Tech ***
1*G*	05/20/2025	7	5	4.02	4.00	4.01	12.63	40,028	3,170	-	ALE
2*G*	06/10/2025	28	-	-	-	-	-	-	-	-	
3*G*	06/10/2025	28	-	-	-	-	-	-	-	-	
4*G*	06/10/2025	28	-	-	-	-	-	-	-	-	
5*H*	06/10/2025	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.

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 - Yes
Air Content Performed per ASTM C-173 or C-231 - N/A
Unit Weight Performed per ASTM C-138 - N/A
Slump Performed per ASTM C-143 - Yes
Concrete Temperature Performed per ASTM C-1064 - Yes
Molded per C-31 - Yes
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 - Yes

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**

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