



UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences
Geophysical Services • Materials Testing • Threshold Inspection
Building Code Administration, Compliance Inspection & Plan Review

UES Project No.: 0210.1800019.0000
Date Typed: April 04, 2018

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

Construction Materials Testing Services FIELD AND LABORATORY REPORT COVER PAGE

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

As requested, Universal Engineering Sciences, Inc. (UES) representative(s) performed construction materials testing and/or field inspection services on the above project. Testing results and/or inspection observations are reported on the attached sheets. The contents of this package are summarized below:

Scope of Work

Work Order No.	Date	Type of Report
1043578-1	03/23/2018	Grout Prism Test Specimens Report

We hope this information is sufficient for your immediate needs. If you have any questions, please do not hesitate to contact the undersigned or Jeannine Seider.

Sincerely,
Universal Engineering Sciences, Inc.
Certificate of Authorization No. 00000549



Keith L. Butts, P.E. 4-5-18
STATE OF FLORIDA
Professional Engineer No. 53986

Attachments (1)
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This item has been electronically signed and sealed by Keith L. Butts, P.E. using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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Project No: 0210.1800019.0000
ReportNo.: 1043578-1 CT 032318
WorkorderNo.: 1043578
Lab No.: 18A217-C

Compressive Strength of Grout Prism Test Specimens (ASTM C-1019)

Client SF Brevard, LLC

40 South Palafox Place, Suite 400, Pensacola, FL 32502

Project The Rehab Center of Lake City, CSD

385 SW Property Place, Lake City, Columbia County, FL 32024

Structural Element: Cell Fill

Sample Location: Zone 3 CMU Walls-Zone 3 CMU Wall - Sampled at North CMU Wall

Set# 1 of 1	Sample From: Concrete Truck	Sample By: Jared Martin On 03/23/2018	At Lab On or Before: 03/28/2018
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General Information		Specified Strength / Sampling Times	Placement Information
General Contractor: Jamex Masonry		Specified Strength: 3000 psi @ 28 days	Truck Load: 9.00 cu yds. Cumulative Quantity: 9.00 cu yds. Total Placement for the Day: 9.00 cu yds.
Subcontractor:		Mix Design Strength: 3000 psi @ 28 days	
Supplier: Columbia Ready Mix		Water Added at Site: N/A	
Truck No.: 65		Time Batched: 6:46 AM	
Ticket No.: 119700		Time Sampled: 7:30 AM	
Mix Design: 3000 Admixture: N/A		Weather Condition: Partly Cloudy	

Field Test Results

Air Content: N/A	Slump: 6.50 inches	Ambient Temp: 45 °F	Concrete Temp: 70 °F	Unit Weight: N/A
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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(ksi)	Average (ksi)
1	03/30/2018	7	3	3.32	3.38	3.35	11.22	20,710	1,850	-
2	04/20/2018	28	-	-	-	-	-	-	-	-
3	04/20/2018	28	-	-	-	-	-	-	-	-
4*H*	04/20/2018	28	-	-	-	-	-	-	-	-
Remarks	Grout Prisms 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									

Tested in Lab to C39

Cured in C-511

Test Not performed per C-1019, Grout Boxes were used