



CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625 Lake City, FL 32056 • (386) 755-3633 • Fax (386)752-5456
2907 Spring Glen Road, Jacksonville, FL 32207 • (904)381-8901 • Fax (904)381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	111
LAB NO.:	592

COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

Client:	Stellar, 2900 Hartley Road, Jacksonville, FL 32257		
Project Name:	US Cold Storage - Building Expansion Phase III		
Project Location:	Lake City, FL		
Project Contractor:	Stellar	1cc: Client	1cc: File
Concrete Supplier:	Columbia Ready Mix Concrete	Report Date:	

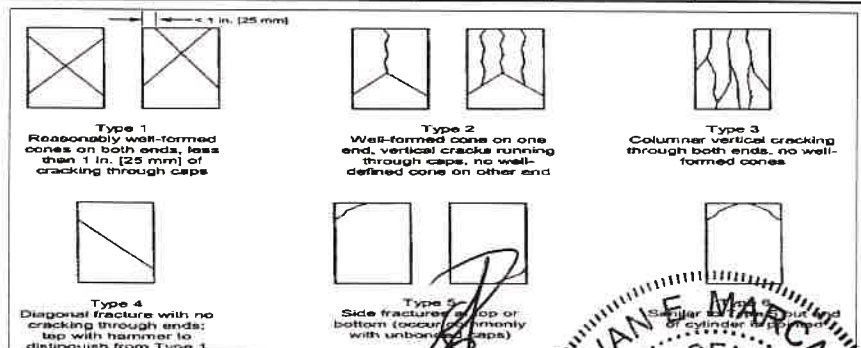
DESIGN DATA	Specified Strength for Structure:	psi: 4000	Slump (inches): 4-6	Air Content (percent): ---	
	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> Grout <input type="checkbox"/> Other:			
	Plasticizer Added:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite			
FIELD and LAB DATA	Date:	12/07/23	Time Concrete Batched: 7:27 AM	Time Concrete Sampled: 8:00 AM	Sampled By: C. Day
	Concrete Truck No.:	65	Ticket No.: 145662	Size of Load (c.y.): 10	Weather Conditions: Clear & Cold
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---			Extra Water Authorized by: ---
	Plasticizer Added at Job Site: gal.:	c.y.:			---
	Slump (inches):	ASTM C143 3.5	Air Temperature (°F): 39	Concrete Temperature (°F): ASTM C172 63	Wet Weight (p.c.f.): ---
	Air Content (% by vol.):	ASTM C231 ---	Molded and Cured to ASTM C-31: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Location of Concrete Placement:	Exterior Westside Pad & Inside Main Slab Pour Backs			

SPECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST SPECIMEN SIZE		TOTAL LOAD (pounds)	TEST STRENGTH (p.s.i.)	TYPE OF FRACTURE	TESTED BY
				DIA. (in.)	AREA (sq. in.)				
A	12/08/23	12/14/23	7	4.02	12.69	53,450	4210	4	
B	12/08/23	01/04/24	28	4.02	12.69	82,090	6470	4	
C	12/08/23	01/04/24	28	4.02	12.69	75,510	5950	4	
D	12/08/23	HOLD	H						
E									
F									
G									

REMARKS:

The test results presented in this report are specific only to the samples tested at the time of testing. The test was performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with time, sound judgement should be exercised with regard to the use and interpretation of the data. This report shall not be reproduced without prior approval of the author.

Respectfully Submitted,
CAL-TECH TESTING, INC.



Reviewed By:

Licensed, Florida No. 65550

Date: 1/9/24





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	112
LAB NO.:	611

COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

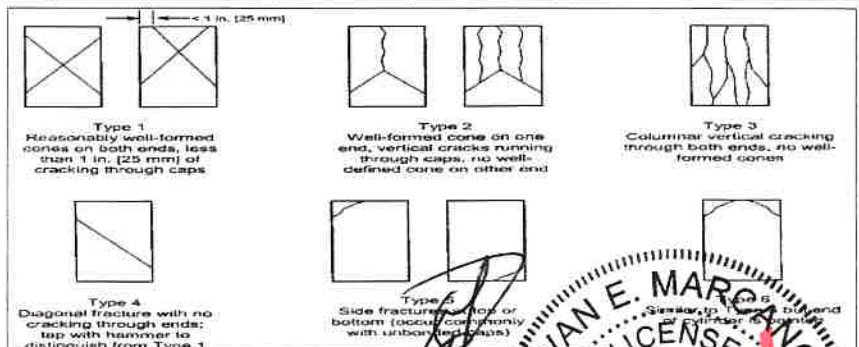
Client:	Stellar, 2900 Hartley Road, Jacksonville, FL 32257		
Project Name:	US Cold Storage - Building Expansion Phase III		
Project Location:	Lake City, FL		
Project Contractor:	Stellar	1cc: Client	1cc: File
Concrete Supplier:	Columbia Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 3000 days: 28	Slump (inches): 4-6	Air Content (percent): ---					
	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> Grout <input type="checkbox"/> Other:							
	Plasticizer Added:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite							
FIELD and LAB DATA	Date:	12/11/23	Time Concrete Batched:	9:53 AM	Time Concrete Sampled:	10:24 AM	Sampled By:	J. Green	
	Concrete Truck No.:	73	Ticket No.:	145696	Size of Load (c.y.):	3 yd	Weather Conditions:	Clear	
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---					Extra Water Authorized by:	---	
	Plasticizer Added at Job Site: gal.:	c.y.:							
	Slump (inches):	3	ASTM C143	Air Temperature (°F):	42	Concrete Temperature (°F):	62	ASTM C172	Wet Weight (p.c.f.): ---
	Air Content (% by vol.):	---	ASTM C231	Molded and Cured to ASTM C-31:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Tested to ASTM C-39:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:	Southside Stairwell Footers							

SPECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST SPECIMEN SIZE		TOTAL LOAD (pounds)	TEST STRENGTH (p.s.i.)	TYPE OF FRACTURE	TESTED BY
				DIA (in.)	AREA (sq. in.)				
A	12/13/23	12/18/23	7	4.02	12.69	48,220	3800	4	
B	12/13/23	01/08/24	28	4.02	12.69	63,470	5000	4	
C	12/13/23	01/08/24	28	4.02	12.69	57,080	4500	4	
D	12/13/23	HOLD	H						
E									
F									
G									

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Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By: 
Licensed, Florida No. 65550
Date: 12/19/23
JULIAN E. MARTIN
LICENSE NO. 65550
STATE OF FLORIDA
PROFESSIONAL ENGINEER