



# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

P.O. Box 1625 Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

7540 103rd Street, Suite 215, Jacksonville, FL 32210 • (904) 381-8901 • Fax (904) 381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	26
LAB NO.:	463

### 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:	

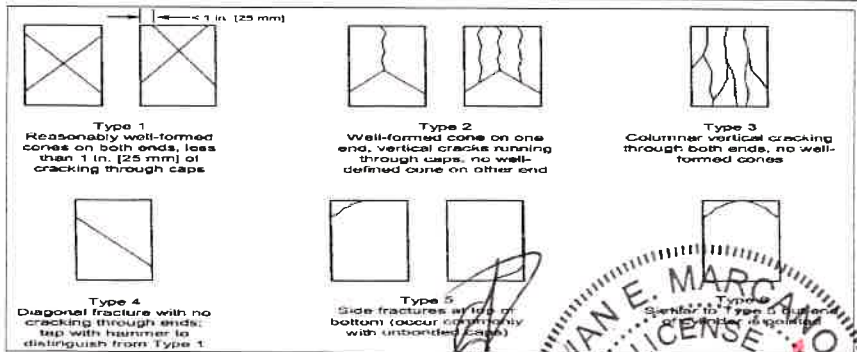
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 3000 days: 28	7-9	---
Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	09/21/23	4:02 AM	4:50 AM	M. Hopkins
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:
	60	144	10	Dark
	Extra Water Added at Job Site:	If "Yes" gal.: --- c.y.: ---		Extra Water Authorized by:
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		---	
	Plasticizer Added at Job Site: gal.:	c.y.:		---
Slump (inches):	ASTM C143	Air Temperature (°F):	Concrete Temperature (°F):	Wet Weight (p.c.f.):
8		70	82	---
Air Content (% by vol.):	ASTM C231	Molded and Cured to ASTM C-31:	Tested to ASTM C-39:	
---		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Location of Concrete Placement:	4th Pour of Mud Slab			

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	09/22/23	09/28/23	7	4.02	12.69	39,540	3120	5	
B	09/22/23	10/19/23	28	4.02	12.69	75,580	5960	4	
C	09/22/23	10/19/23	28	4.02	12.69	77,250	6090	4	
D	09/22/23	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.:

Date:

No. 65550

65550

10/26/23 STATE OF

FLORIDA

PROFESSIONAL ENGINEER



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FILE NO.:	23-00297-01
CYLINDER SET NO.:	27
LAB NO.:	464

### 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:	

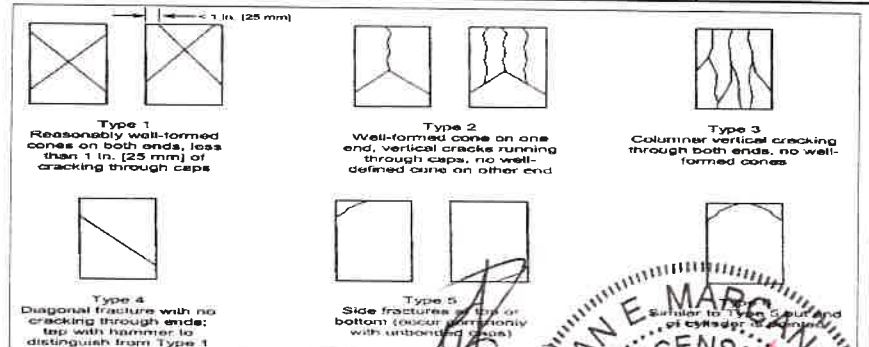
DESIGN DATA	Specified Strength for Structure:	psi: 3000	Slump (inches):	7-9	Air Content (percent):	---		
	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> Grout <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:	09/21/23	Time Concrete Batched:	6:30 AM	Time Concrete Sampled:	7:00 AM		
	Concrete Truck No.:	---	Ticket No.:	---	Size of Load (c.y.):	10		
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---				Weather Conditions:	Sunny	
	Plasticizer Added at Job Site: gal.:	---				Extra Water Authorized by:	---	
	Slump (inches):	9	ASTM C143	Air Temperature (°F):	70	Concrete Temperature (°F):	82	
	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			
	Wet Weight (p.c.f.):	---					Tested to ASTM C-39:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Location of Concrete Placement:	4th Pour of Mud Slab						

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	09/22/23	09/28/23	7	4.02	12.69	40,520	3190	5	
B	09/22/23	10/19/23	28	4.02	12.69	84,540	6660	4	
C	09/22/23	10/19/23	28	4.02	12.69	80,390	6330	4	
D	09/22/23	HOLD	H						
E									
F									
G									

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By:   
Licensed, Florida No.: 65550  
Date: 10/26/23  
WILLIAM E. MARCIANO  
LICENSE NO. 65550  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER



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FILE NO.:	23-00297-01
CYLINDER SET NO.:	28
LAB NO.:	465

### COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

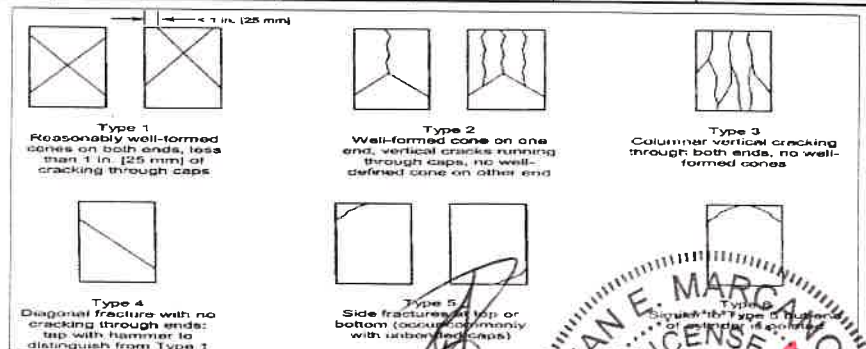
Client:	Stellar, 2900 Hartley Road, Jacksonville, FL 32257		
Project Name:	US Cold Storage - Building Expansion Phase III		
Project Location:	Lake City, FL		
Project Contractor:	Stellar	1cc: Client	1cc: File
Concrete Supplier:	Columbia Ready Mix Concrete		Report Date:

DESIGN DATA	Specified Strength for Structure:	psi: 3000	Slump (inches): 7-9	Air Content (percent): ---					
	days: 28								
	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:	09/21/23	Time Concrete Batched:	7:21 AM	Time Concrete Sampled:	7:52 AM	Sampled By:	M. Hopkins	
	Concrete Truck No.:	62	Ticket No.:	144592	Size of Load (c.y.):	10	Weather Conditions:	Sunny	
	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):	9	ASTM C143	Air Temperature (°F):	70	Concrete Temperature (°F):	82	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:	4th Pour of Mud Slab							

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	09/22/23	09/28/23	7	4.02	12.69	41,250	3250	5	
B	09/22/23	10/19/23	28	4.02	12.69	87,540	6900	4	
C	09/22/23	10/19/23	28	4.02	12.69	86,660	6830	4	
D	09/22/23	HOLD	H						
E									
F									
G									

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CAL-TECH TESTING, INC.

Reviewed By: *[Signature]*  
Licensed, Florida No. 65550  
Date: 10/20/23

