



# 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.:	113
LAB NO.:	612

### 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: 4000	4-6	---
	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:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	12/14/23	3:23 AM	3:58 AM	J. Green
	Concrete Truck No.: 62	Ticket No.: 145728	Size of Load (c.y.): 10	Weather Conditions: ---
	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): 5	ASTM C143	Air Temperature (°F): 48	Concrete Temperature (°F): 68
	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.): ---
Location of Concrete Placement:		Concrete Pavement North		

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	12/15/23	12/21/23	7	4.02	12.69	56,630	4460	4	
B	12/15/23	01/11/24	28	4.02	12.69	89,020	7010	4	
C	12/15/23	01/11/24	28	4.02	12.69	73,480	5790	4	
D	12/15/23	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: 1/15/24



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FILE NO.:	23-00297-01
CYLINDER SET NO.:	114
LAB NO.:	613

### 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: 4000	4-6	---
	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:	12/14/23	Time Concrete Batched:	4:01 AM	Time Concrete Sampled:	4:29 AM	Sampled By:	J. Green	
	Concrete Truck No.:	73	Ticket No.:	145732	Size of Load (c.y.):	10	Weather Conditions:	---	
	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	Air Temperature (°F):	48	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:	Concrete Pavement North							

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	12/15/23	12/28/23	14	4.01	12.63	66,420	5260	5	
B	12/15/23	01/11/24	28	4.01	12.63	74,090	5870	4	
C	12/15/23	01/11/24	28	4.01	12.63	85,530	6770	4	
D	12/15/23	HOLD	H						
E									
F									
G									

REMARKS:

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Respectfully Submitted,  
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Reviewed By:

Licensed, Florida No.:

Date:





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P.O. Box 1625 Lake City, FL 32056 • (386) 755-3633 • Fax (386)752-5456  
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FILE NO.:	23-00297-01
CYLINDER SET NO.:	115
LAB NO.:	614

### 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:	

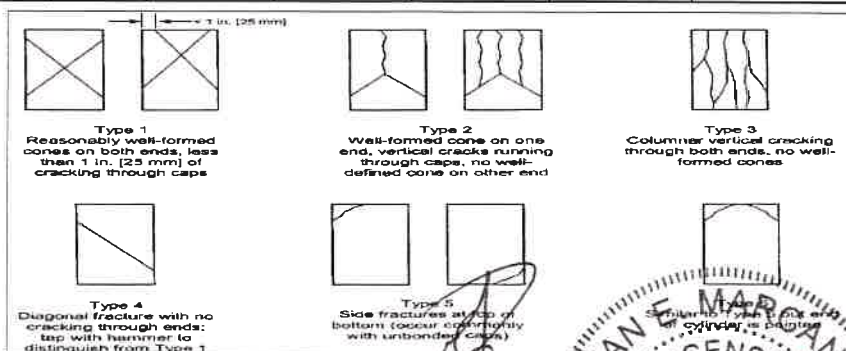
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):	
	psi: 4000 days: 28	4-6	---	
FIELD and LAB DATA	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input 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		
	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	12/14/23	4:41 AM	5:54 AM	J. Green
	Concrete Truck No.: 68	Ticket No.: 145737	Size of Load (c.y.): 10	Weather Conditions: ---
	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): 5    ASTM C143	Air Temperature (°F): 48	Concrete Temperature (°F): 64    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: Concrete Pavement North				

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	12/15/23	12/21/23	7	4.02	12.69	50,380	3970	4	
B	12/15/23	01/11/24	28	4.02	12.69	77,440	6100	4	
C	12/15/23	01/11/24	28	4.02	12.69	81,510	6420	4	
D	12/15/23	HOLD	H						
E									
F									
G									

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By: *[Signature]*  
Licensed, Florida No.: 65550  
Date: 12/24/23







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FILE NO.:	23-00297-01
CYLINDER SET NO.:	116
LAB NO.:	615

### 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:	

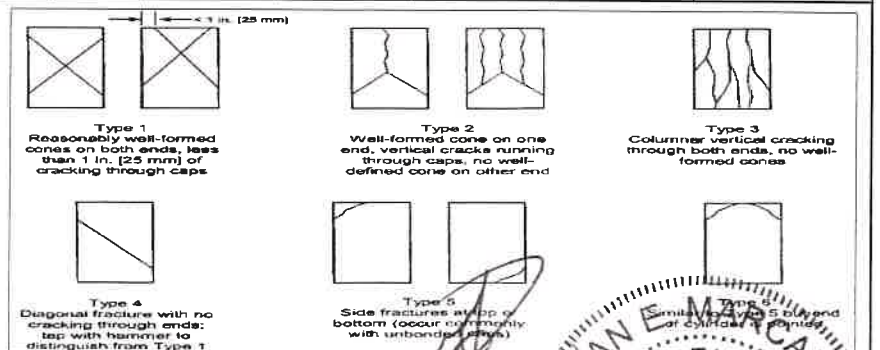
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):	
	psi: 3000	6-8	---	
	days: 28			
	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	12/15/23	3:33 AM	4:18 AM	J. Green
	Concrete Truck No.: 73	Ticket No.: 145760	Size of Load (c.y.): 10	Weather Conditions: Dark
	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 7.5	Air Temperature (°F): 56	Concrete Temperature (°F): ASTM C172 67	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:	Elevated Deck for Breakroom		

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	12/18/23	12/22/23	7	4.02	12.69	43,520	3430	4	
B	12/18/23	01/12/24	28	4.02	12.69	58,180	4580	4	
C	12/18/23	01/12/24	28	4.02	12.69	53,050	4180	4	
D	12/18/23	HOLD	H						
E									
F									
G									

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