



# 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.:	139
LAB NO.:	662

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
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:
	01/11/24	2:35 AM	3:03 AM	J. Green
	Concrete Truck No.: 7067	Ticket No.: 7021984	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.: ---			Wet Weight (p.c.f.): ---
	Slump (inches): 6.75	ASTM C143	Air Temperature (°F): 41	Concrete Temperature (°F): 57
	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: Freezer Slab Pour #4				

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	01/12/24	01/18/24	7	4.02	12.69	65,770	5180	4	
B	01/12/24	01/25/24	14	4.02	12.69	70,120	5530	4	
C	01/12/24	02/08/24	28	4.02	12.69	77,620	6120	4	
D	01/12/24	02/08/24	28	4.02	12.69	80,330	6330	4	
E	01/12/24	HOLD	H						
F									
G									

REMARKS:

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Reviewed By: \_\_\_\_\_  
Licensed, Florida No. 65550  
Date: 2/12/24

Respectfully Submitted,  
CAL-TECH TESTING, INC.

WILLIAM E. MARIANO  
LICENSED PROFESSIONAL ENGINEER  
No. 65550  
STATE OF FLORIDA



# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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FILE NO.:	23-00297-01
CYLINDER SET NO.:	140
LAB NO.:	663

### COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

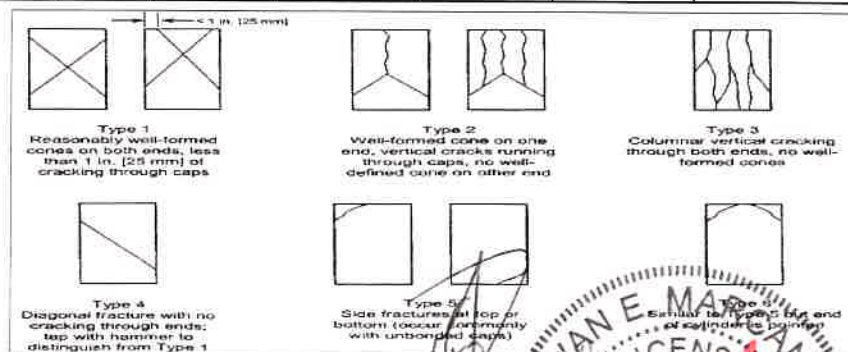
Client:	Stellar, 2900 Hartley Road, Jacksonville, FL 32257		
Project Name:	US Cold Storage - Building Expansion Phase III		
Project Location:	Lake City, FL		
Project Contractor:	Stellar	1cc: Client	1cc: File
Concrete Supplier:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 4000	Slump (inches): 4-6	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:	01/11/24	Time Concrete Batched:	3:35 AM	Time Concrete Sampled:	4:06 AM	Sampled By:	J. Green		
	Concrete Truck No.:	4538	Ticket No.:	7021989	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.:				Wet Weight (p.c.f.):	---			
	Slump (inches):	ASTM C143	7	Air Temperature (°F):	41	Concrete Temperature (°F):	ASTM C172	58	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:	Freezer Slab Pour #4								

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	01/12/24	01/18/24	7	4.02	12.69	64,420	5080	4	
B	01/12/24	01/25/24	14	4.02	12.69	66,610	5250	4	
C	01/12/24	02/08/24	28	4.02	12.69	82,420	6490	4	
D	01/12/24	02/08/24	28	4.02	12.69	81,770	6440	4	
E	01/12/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:  
Licensed, Florida

Date:





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	141
LAB NO.:	664

### COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

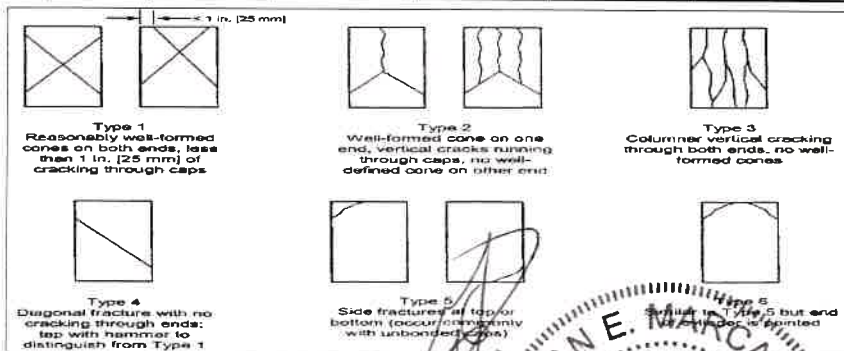
Client: Stellar, 2900 Hartley Road, Jacksonville, FL 32257  
Project Name: US Cold Storage - Building Expansion Phase III  
Project Location: Lake City, FL  
Project Contractor: Stellar  
Concrete Supplier: Smyrna Ready Mix Concrete  
1cc: Client 1cc: File  
Report Date:

DESIGN DATA	Specified Strength for Structure:	psi: 4000 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:		
FIELD and LAB DATA	Plasticizer Added:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite		
	Date:	01/11/24	Time Concrete Batched: 4:22 AM	Time Concrete Sampled: 5:06 AM
	Concrete Truck No.:	7067	Ticket No.: 7021994	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: ---
	Plasticizer Added at Job Site: gal.:	c.y.:		Extra Water Authorized by: ---
	Slump (inches):	ASTM C143 4.5	Air Temperature (°F): 39	Concrete Temperature (°F): ASTM C172 60
	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:	Freezer Slab Pour #4		
Tested to ASTM C-39:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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	01/12/24	01/18/24	7	4.02	12.69	60,810	4790	4	
B	01/12/24	01/25/24	14	4.02	12.69	65,530	5160	4	
C	01/12/24	02/08/24	28	4.02	12.69	70,290	5540	4	
D	01/12/24	02/08/24	28	4.02	12.69	68,880	5430	4	
E	01/12/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:

Licensed, Florida No.:

Date: 2/13/24

65558350

STATE OF

FLORIDA

PROFESSIONAL ENGINEER





# CAL-TECH TESTING, INC.

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904) 381-8901 • Fax (904) 381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	142
LAB NO.:	665

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure: psi: 4000 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: 01/11/24	Time Concrete Batched: 4:52 AM	Time Concrete Sampled: 5:55 AM	Sampled By: J. Green
	Concrete Truck No.: 4164	Ticket No.: 7022000	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): 5.5	Air Temperature (°F): 39	Concrete Temperature (°F): 60	Wet Weight (p.c.f.): ---
	Air Content (% by vol.): ---	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: Freezer Slab Pour #4			

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	01/12/24	01/18/24	7	4.02	12.69	62,550	4930	4	
B	01/12/24	01/25/24	14	4.02	12.69	65,870	5190	4	
C	01/12/24	02/08/24	28	4.02	12.69	70,420	5550	4	
D	01/12/24	02/08/24	28	4.02	12.69	67,780	5340	4	
E	01/12/24	HOLD	H						
F									
G									

REMARKS:

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Reviewed By: *[Signature]* No. 65550  
Licensed, Florida No. 65550  
Date: 1/11/24  
NAN E. MARGO  
LICENSED PROFESSIONAL ENGINEER  
STATE OF FLORIDA

Respectfully Submitted,  
CAL-TECH TESTING, INC.



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FILE NO.:	23-00297-01
CYLINDER SET NO.:	143
LAB NO.:	666

### 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:	Smyrna Ready Mix Concrete	Report Date:	

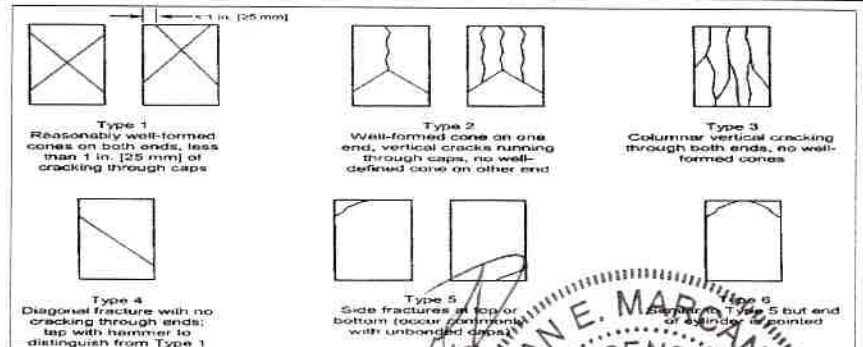
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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:
	01/11/24	5:49 AM	6:54 AM	J. Green
	Concrete Truck No.: 7067	Ticket No.: 7022005	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.: ---			Wet Weight (p.c.f.): ---
	Slump (inches): 6.5 ASTM C143	Air Temperature (°F): 39	Concrete Temperature (°F): 62 ASTM C172	Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	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		
Location of Concrete Placement: Freezer Slab Pour #4				

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	01/12/24	01/18/24	7	4.02	12.69	64,320	5070	5	
B	01/12/24	01/25/24	14	4.02	12.69	68,090	5370	4	
C	01/12/24	02/08/24	28	4.02	12.69	76,950	6060	4	
D	01/12/24	02/08/24	28	4.02	12.69	81,230	6400	4	
E	01/12/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:  
Licensed, Florida No.:

Date: 2/13/25





# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904)381-8901 • Fax (904)381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	144
LAB NO.:	668

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 4000	Slump (inches): 5	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:	01/12/24	Time Concrete Batched:	2:40 AM	Time Concrete Sampled:	3:21 AM	Sampled By:	J. Green	
	Concrete Truck No.:	4240	Ticket No.:	7022018	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):	47	Concrete Temperature (°F):	ASTM C172	62	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:	Freezer Slab Pour #5							

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	01/15/24	01/19/24	7	4.02	12.69	61,660	4860	4	
B	01/15/24	02/09/24	28	4.02	12.69	76,650	6040	4	
C	01/15/24	02/09/24	28	4.02	12.69	81,390	6410	4	
D	01/15/24	HOLD	H						
E									
F									
G									

REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:   
Licensed, Florida No.: 65550  
Date: 2/13/24

**BRIAN E. MATANO**  
LICENSED PROFESSIONAL ENGINEER  
No. 65550  
STATE OF FLORIDA





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	145
LAB NO.:	669

### 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  
Concrete Supplier: Smyrna Ready Mix Concrete  
1cc: Client 1cc: File  
Report Date:

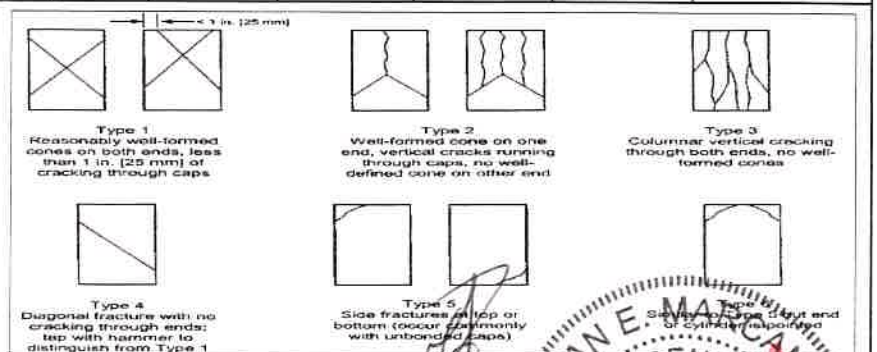
DESIGN DATA	Specified Strength for Structure: psi: 4000 days: 28	Slump (inches): 5	Air Content (percent): ---	
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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: 01/12/24	Time Concrete Batched: 3:31 AM	Time Concrete Sampled: 4:08 AM	Sampled By: J. Green
	Concrete Truck No.: 4162	Ticket No.: 7022023	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): 4 ASTM C143	Air Temperature (°F): 47	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: Freezer Slab Pour #5			

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	01/15/24	01/19/24	7	4.02	12.69	64,020	5040	4	
B	01/15/24	02/09/24	28	4.02	12.69	87,510	6900	4	
C	01/15/24	02/09/24	28	4.02	12.69	83,620	6590	4	
D	01/15/24	HOLD	H						
E									
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By: [Signature]  
Licensed, Florida No.: 65550

Date: 2/13/24





# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904)381-8901 • Fax (904)381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	146
LAB NO.:	670

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 4000 days: 28	Slump (inches): 5	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:	01/12/24	Time Concrete Batched:	4:08 AM	Time Concrete Sampled:	4:46 AM	Sampled By:	J. Green		
	Concrete Truck No.:	4240	Ticket No.:	7022028	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.:				Wet Weight (p.c.f.):	---			
	Slump (inches):	6	ASTM C143	Air Temperature (°F):	47	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:	Freezer Slab Pour #5								

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	01/15/24	01/19/24	7	4.02	12.69	62,110	4890	4	
B	01/15/24	02/09/24	28	4.02	12.69	70,360	5540	4	
C	01/15/24	02/09/24	28	4.02	12.69	74,090	5840	4	
D	01/15/24	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.

Type 1  
Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps

Type 2  
Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end

Type 3  
Columnar vertical cracking through both ends, no well-formed cones

Type 4  
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1

Type 5  
Side fracture at top or bottom (occurs commonly with unbraced caps)

Type 6  
Similar to Type 5 but end of specimen is pointed

Reviewed By: *[Signature]*  
Licensed, Florida No. 65550  
Date: 2/13/24

Respectfully Submitted,  
CAL-TECH TESTING, INC.







# 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.:	147
LAB NO.:	671

### 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:	Smyrna Ready Mix Concrete	Report Date:	

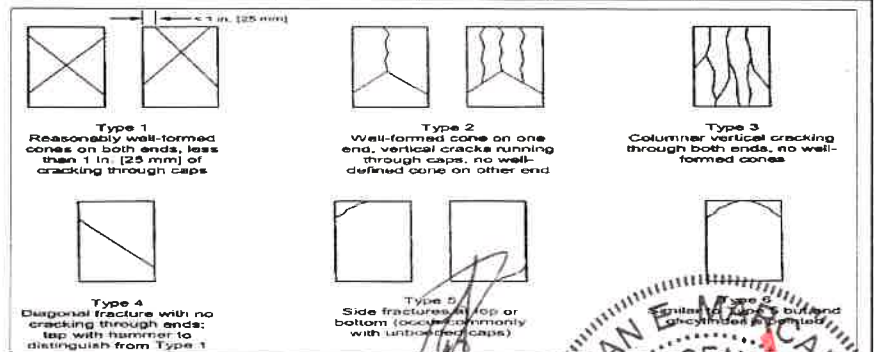
DESIGN DATA	Specified Strength for Structure:	psi: 4000	days: 28	Slump (inches):	5	Air Content (percent):	---			
	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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									
FIELD and LAB DATA	Date:	01/12/24	Time Concrete Batched:	5:11 AM	Time Concrete Sampled:	5:34 AM	Sampled By:	J. Green		
	Concrete Truck No.:	4162	Ticket No.:	7022033	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):	65	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:	Freezer Slab Pour #5								

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	01/15/24	01/19/24	7	4.02	12.69	65,370	5150	4	
B	01/15/24	02/09/24	28	4.02	12.69	83,820	6610	4	
C	01/15/24	02/09/24	28	4.02	12.69	78,590	6190	4	
D	01/15/24	HOLD	H						
E									
F									
G									

#### REMARKS:

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Respectfully Submitted,  
 CAL-TECH TESTING, INC.



Reviewed By: *[Signature]*  
 Licensed, Florida No. 65550  
 Date: 2/15/24  
 IVAN E. CANO  
 LICENSE No. 65550  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER



# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904) 381-8901 • Fax (904) 381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	148
LAB NO.:	672

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):		
	psi: 4000	5	---		
	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:	
	01/12/24	5:30 AM	6:14 AM	J. Green	
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:	
	4240	7022038	10	---	
	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):	Concrete Temperature (°F):	Wet Weight (p.c.f.):
	3.5		50	67	---
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: Freezer Slab Pour #5					

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	01/15/24	01/19/24	7	4.02	12.69	62,330	4910	4	
B	01/15/24	02/09/24	28	4.02	12.69	79,980	6300	4	
C	01/15/24	02/09/24	28	4.02	12.69	76,660	6040	4	
D	01/15/24	HOLD	H						
E									
F									
G									

REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:

Licensed, Florida No.:

65550

Date: 2/13/24





# 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.:	149
LAB NO.:	673

### 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:	Smyrna Ready Mix Concrete	Report Date:	

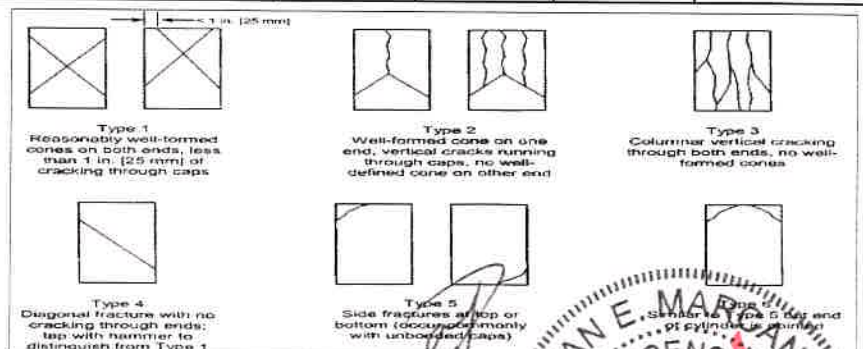
DESIGN DATA	Specified Strength for Structure:		Slump (inches):		Air Content (percent):	
	psi: 4000		5		---	
	days: 28					
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> Grout <input type="checkbox"/> Other:					
FIELD and LAB DATA	Plasticizer Added: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite					
	Date: 01/15/24		Time Concrete Batched: 5:31 AM		Time Concrete Sampled: 5:50 AM	
	Concrete Truck No.: 4160		Ticket No.: 7022075		Size of Load (c.y.): 10	
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If "Yes" gal.: ---		Weather Conditions: ---	
	Plasticizer Added at Job Site: gal.: ---		c.y.: ---		Extra Water Authorized by: ---	
	Slump (inches): 6    ASTM C143		Air Temperature (°F): 38		Concrete Temperature (°F): 62    ASTM C172	
	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:		Freezer Slab Pour 6			

Note: Slump above specified requirements

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	01/16/24	01/22/24	7	4.02	12.69	61,360	4840	4	
B	01/16/24	02/12/24	28	4.02	12.69	83,420	6570	4	
C	01/16/24	02/12/24	28	4.02	12.69	80,770	6360	4	
D	01/16/24	HOLD	H						
E									
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By: *[Signature]*  
Licensed, Florida No. 65550







# 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.:	150
LAB NO.:	674

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000	3	---
	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		

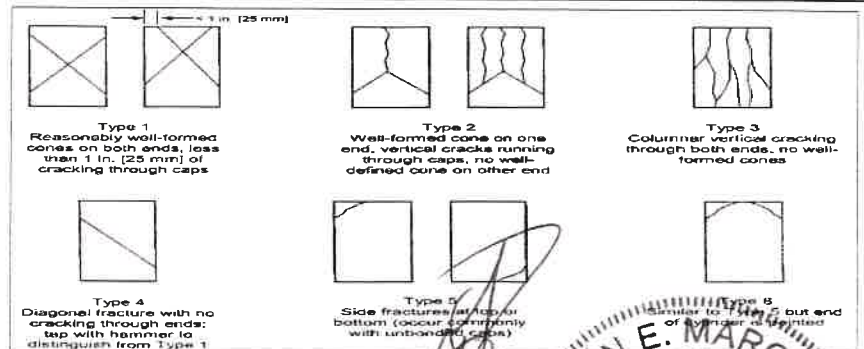
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/16/24	5:02 AM	5:56 AM	J. Green
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:
	4160	7022089	10	---
	Extra Water Added at Job Site:	If "Yes" gal.: --- c.y.: ---		Extra Water Authorized by:
	<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): ASTM C172	Wet Weight (p.c.f.):
4.5		56	68	---
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:	Freezer Slab Pour 7			

Note: Slump above specified requirements

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	01/17/24	01/23/24	7	4.02	12.69	56,300	4440	3	
B	01/17/24	02/13/24	28	4.02	12.69	78,660	6200	4	
C	01/17/24	02/13/24	28	4.02	12.69	83,420	6570	4	
D	01/17/24	HOLD	H						
E									
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:  
Licensed, Florida No.:

Date:





# 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.:	151
LAB NO.:	675

### 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:	Smyrna Ready Mix Concrete						Report Date:																																																																																				
DESIGN DATA	Specified Strength for Structure:			Slump (inches):			Air Content (percent):																																																																																				
	psi: 4000			3			---																																																																																				
	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:																																																																																										
FIELD and LAB DATA	Plasticizer Added: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite																																																																																										
	Date: 01/16/24		Time Concrete Batched: 7:16 AM		Time Concrete Sampled: 7:47 AM		Sampled By: J. Green																																																																																				
	Concrete Truck No.: 4521		Ticket No.: 7022093		Size of Load (c.y.): 5		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.: ---				Wet Weight (p.c.f.): ---																																																																																						
	Slump (inches): 6 ASTM C143		Air Temperature (°F): 58		Concrete Temperature (°F): 70 ASTM C172		Tested to ASTM C-39: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																																				
	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																																																																																								
	Location of Concrete Placement: Freezer Slab Pour 7																																																																																										
	Note: Slump above specified requirements																																																																																										
	<table><thead><tr><th rowspan="2">SPECIMEN I.D. LAB NO.</th><th rowspan="2">DATE RECEIVED IN LAB</th><th rowspan="2">DATE TESTED</th><th rowspan="2">AGE (days)</th><th colspan="2">TEST SPECIMEN SIZE</th><th rowspan="2">TOTAL LOAD (pounds)</th><th rowspan="2">TEST STRENGTH (p.s.i.)</th><th rowspan="2">TYPE OF FRACTURE</th><th rowspan="2">TESTED BY</th></tr><tr><th>DIA. (in.)</th><th>AREA (sq. in.)</th></tr></thead><tbody><tr><td>A</td><td>01/17/24</td><td>01/23/24</td><td>7</td><td>4.02</td><td>12.69</td><td>60,080</td><td>4730</td><td>4</td><td></td></tr><tr><td>B</td><td>01/17/24</td><td>02/13/24</td><td>28</td><td>4.02</td><td>12.69</td><td>87,510</td><td>6900</td><td>4</td><td></td></tr><tr><td>C</td><td>01/17/24</td><td>02/13/24</td><td>28</td><td>4.02</td><td>12.69</td><td>85,550</td><td>6740</td><td>4</td><td></td></tr><tr><td>D</td><td>01/17/24</td><td>HOLD</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>F</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>G</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>										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	01/17/24	01/23/24	7	4.02	12.69	60,080	4730	4		B	01/17/24	02/13/24	28	4.02	12.69	87,510	6900	4		C	01/17/24	02/13/24	28	4.02	12.69	85,550	6740	4		D	01/17/24	HOLD	H							E										F										G								
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																																																																																		
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A	01/17/24	01/23/24	7	4.02	12.69	60,080	4730	4																																																																																			
B	01/17/24	02/13/24	28	4.02	12.69	87,510	6900	4																																																																																			
C	01/17/24	02/13/24	28	4.02	12.69	85,550	6740	4																																																																																			
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<div><div><p>Type 1 Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps</p></div><div><p>Type 2 Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end</p></div><div><p>Type 3 Columnar vertical cracking through both ends, no well-formed cones</p></div><div><p>Type 4 Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1</p></div><div><p>Type 5 Side fractures at top or bottom (occur commonly with unbonded caps)</p></div><div><p>Type 6 Similar to Type 5, but end of cylinder is popped</p></div></div>																																																																																											
<p>Reviewed By: _____ Licensed, Florida No.: 65550-5550 Date: 2/13/24</p> <p>Respectfully Submitted, CAL-TECH TESTING, INC.</p>																																																																																											





# 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.:	165
LAB NO.:	700

### 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		
Concrete Supplier:	Smyrna Ready Mix Concrete	1cc: Client	1cc: File

DESIGN DATA	Specified Strength for Structure:	psi: 4000	Slump (inches): 4-6	Report Date:	Air Content (percent): ---	
		days: 28				
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:	01/25/24	Time Concrete Batched:	5:25 AM	Time Concrete Sampled:	6:27 AM
	Concrete Truck No.:	4591	Ticket No.:	7022328	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.: ---				
	Plasticizer Added at Job Site: gal.:	c.y.: ---				
	Slump (inches):	ASTM C143	Air Temperature (°F):	63	Concrete Temperature (°F):	ASTM C172
	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: Freezer Slab Pour 10						

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	01/26/24	02/01/24	7	4.02	12.69	59,250	4670	5	
B	01/26/24	02/08/24	14	4.02	12.69	81,330	6410	5	
C	01/26/24	02/22/24	28						
D	01/26/24	02/22/24	28						
E	01/26/24	HOLD	H						
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.

Type 1  
Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps

Type 2  
Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end

Type 3  
Columnar vertical cracking through both ends, no well-formed cones

Type 4  
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1

Type 5  
Side fractures at top or bottom (occasionally with unbanded caps)

Type 6  
Similar to Type 5 but end

Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By: \_\_\_\_\_  
Licensed, Florida No.: 65550







# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904) 381-8901 • Fax (904) 381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	166
LAB NO.:	701

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 4000	Slump (inches): 4-6	Air Content (percent): ---					
	days: 28								
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:	01/25/24	Time Concrete Batched:	6:46 AM	Time Concrete Sampled:	7:31 AM	Sampled By:	J. Green	
	Concrete Truck No.:	4160	Ticket No.:	702233	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):	63	Concrete Temperature (°F):	ASTM C172	77	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:		Freezer Slab Pour 10						

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	01/26/24	02/01/24	7	4.02	12.69	61,980	4880	5	
B	01/26/24	02/08/24	14	4.02	12.69	76,670	6040	4	
C	01/26/24	02/22/24	28						
D	01/26/24	02/22/24	28						
E	01/26/24	HOLD	H						
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: 2/13/24

No. 65550  
65550

STATE OF

FLORIDA

PROFESSIONAL ENGINEER



# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904)381-8901 • Fax (904)381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	167
LAB NO.:	710

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
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		

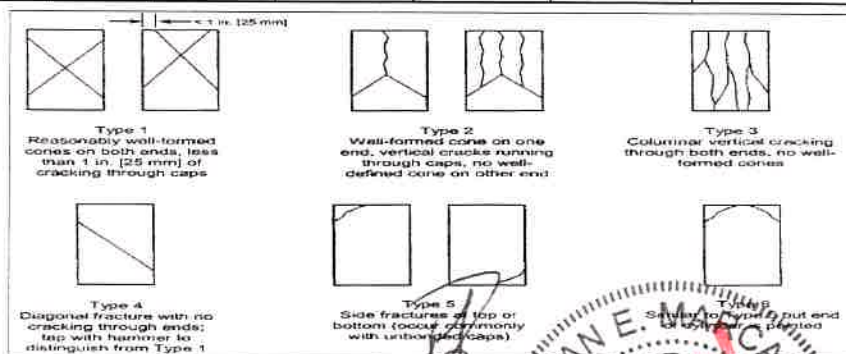
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/26/24	2:55 AM	3:23 AM	J. Green
	Concrete Truck No.: 7067	Ticket No.: 7022350	Size of Load (c.y.): 10	Weather Conditions: ---
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---		Extra Water Authorized by: ---
	Plasticizer Added at Job Site: gal.:	c.y.:		---
	Slump (inches): 6 ASTM C143	Air Temperature (°F): 65	Concrete Temperature (°F): ASTM C172 76	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:	Freezer Slab Pour 11			

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	01/27/24	02/02/24	7	4.02	12.69	60,720	4780	4	
B	01/27/24	02/09/24	14	4.02	12.69	81,440	6420	4	
C	01/27/24	02/23/24	28						
D	01/27/24	02/23/24	28						
E	01/27/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By: [Signature]  
Licensed, Florida No.: 65550

Date: 2/13/24





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	168
LAB NO.:	711

### 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:	Smyrna Ready Mix Concrete	Report Date:	

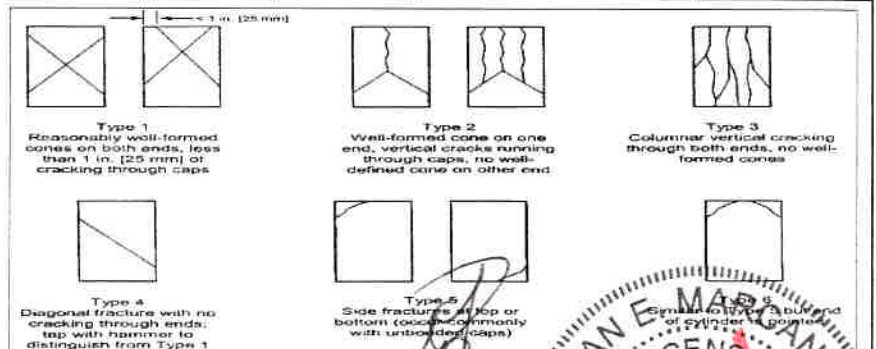
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):	
	psi: 4000 days: 28	4-6	---	
FIELD and LAB DATA	Mix Type:	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input 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:
	01/26/24	3:45 AM	3:58 AM	J. Green
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:
	4026	7022354	10	---
	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):	Concrete Temperature (°F):
	9	ASTM C231	66	74
Air Content (% by vol.):	ASTM C231	Molded and Cured to ASTM C-31:	Wet Weight (p.c.f.):	
---	---	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	---	
Location of Concrete Placement:	Freezer Slab Pour 11			

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	01/27/24	02/02/24	7	4.02	12.69	58,780	4630	4	
B	01/27/24	02/09/24	14	4.02	12.69	77,530	6110	4	
C	01/27/24	02/23/24	28						
D	01/27/24	02/23/24	28						
E	01/27/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By:   
Licensed, Florida No.: 65550  
Date: 2/13/24







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FILE NO.:	23-00297-01
CYLINDER SET NO.:	169
LAB NO.:	712

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
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		

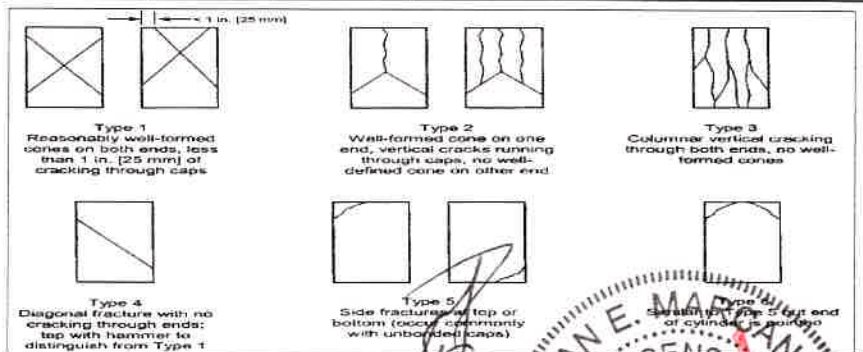
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/26/24	4:21 AM	4:44 AM	J. Green
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:
	4521	7022359	10	---
	Extra Water Added at Job Site:	If "Yes" gal.: --- c.y.: ---		Extra Water Authorized by:
	<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.):
6		65	75	---
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:	Freezer Slab Pour 11			

SPECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST SPECIMEN SIZE		TOTAL LOAD (pounds)	TEST STRENGTH (psi)	TYPE OF FRACTURE	TESTED BY
				DIA. (in.)	AREA (sq. in.)				
A	01/27/24	02/02/24	7	4.02	12.69	55,810	4400	5	
B	01/27/24	02/09/24	14	4.02	12.69	76,230	6010	4	
C	01/27/24	02/23/24	28						
D	01/27/24	02/23/24	28						
E	01/27/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By: [Signature]  
Licensed, Florida No.:

Date: 2/13/24





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	170
LAB NO.:	713

### 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:	Smyrna 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		

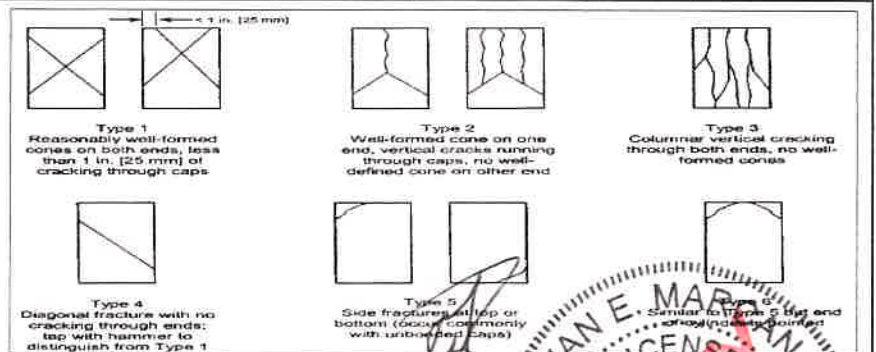
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/26/24	5:11 AM	5:27 AM	J. Green
	Concrete Truck No.: 4236	Ticket No.: 7022364	Size of Load (c.y.): 10	Weather Conditions: ---
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---			Extra Water Authorized by: ---
	Plasticizer Added at Job Site: gal.: --- c.y.: ---			---
	Slump (inches): ASTM C143 3.75	Air Temperature (°F): 64	Concrete Temperature (°F): ASTM C172 75	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: Freezer Slab Pour 11				

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	01/27/24	02/02/24	7	4.02	12.69	61,390	4840	5	
B	01/27/24	02/09/24	14	4.02	12.69	80,660	6360	4	
C	01/27/24	02/23/24	28						
D	01/27/24	02/23/24	28						
E	01/27/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By:   
Licensed, Florida No. 65550  
Date: 2/17/24





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	171
LAB NO.:	714

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	psi: 4000 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:	01/26/24	Time Concrete Batched:	6:03 AM	Time Concrete Sampled:	6:20 AM	Sampled By:	J. Green	
	Concrete Truck No.:	4521	Ticket No.:	7022369	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):	63	Concrete Temperature (°F):	ASTM C172	74	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:	Freezer Slab Pour 11							

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	01/27/24	02/02/24	7	4.02	12.69	57,780	4550	5	
B	01/27/24	02/09/24	14	4.02	12.69	74,590	5880	4	
C	01/27/24	02/23/24	28						
D	01/27/24	02/23/24	28						
E	01/27/24	HOLD	H						
F									
G									

REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:

Licensed, Florida No.: 65550

Date: 2/13/24

STATE OF FLORIDA  
PROFESSIONAL ENGINEER





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	172
LAB NO.:	705

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
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		

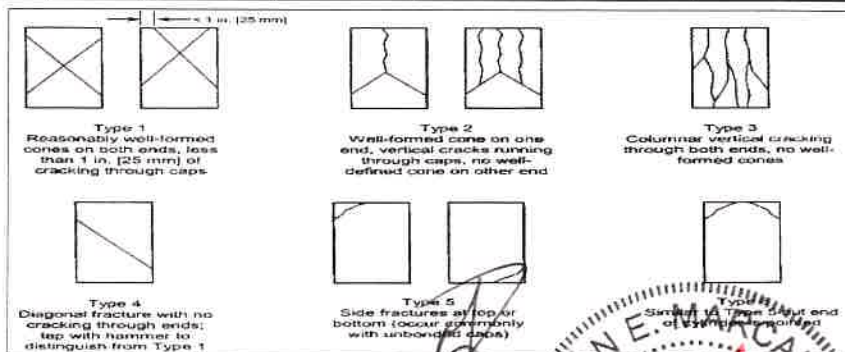
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/27/24	3:42 AM	4:11 AM	J. Green
	Concrete Truck No.: 7067	Ticket No.: 7022396	Size of Load (c.y.): 10	Weather Conditions: ---
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---			Extra Water Authorized by: ---
	Plasticizer Added at Job Site: gal.: --- c.y.: ---			---
	Slump (inches): 3	Air Temperature (°F): 63	Concrete Temperature (°F): ASTM C172 75	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: Freezer Slab Pour 11				

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	01/29/24	02/03/24	7	4.02	12.69	54,150	4270	5	
B	01/29/24	02/10/24	14	4.02	12.69	74,360	5860	4	
C	01/29/24	02/24/24	28						
D	01/29/24	02/24/24	28						
E	01/29/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By: [Signature]  
Licensed, Florida No.: 65550

Date: 2/13/24





# 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.:	173
LAB NO.:	706

### 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:	Smyrna Ready Mix Concrete	Report Date:	

DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):
	psi: 4000 days: 28	4-6	---
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		

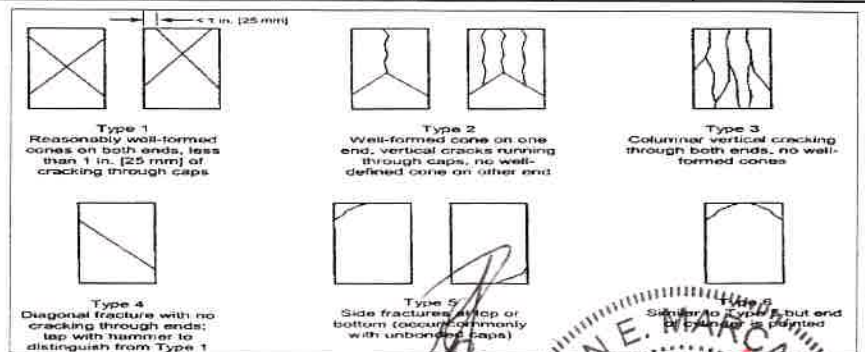
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	01/27/24	4:32 AM	4:59 AM	J. Green
	Concrete Truck No.: 4164	Ticket No.: 7022402	Size of Load (c.y.): 10	Weather Conditions: ---
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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): 63	Concrete Temperature (°F): 76 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:	Freezer Slab Pour 11			

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	01/29/24	02/03/24	7	4.02	12.69	63,880	5030	4	
B	01/29/24	02/10/24	14	4.02	12.69	82,210	6480	4	
C	01/29/24	02/24/24	28						
D	01/29/24	02/24/24	28						
E	01/29/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.



Reviewed By:

Licensed, Florida No.:

655505550

Date:

2/13/24





# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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2907 Spring Glen Road, Jacksonville, FL 32207 • (904)381-8901 • Fax (904)381-8902

FILE NO.:	23-00297-01
CYLINDER SET NO.:	174
LAB NO.:	707

### 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:	Smyrna 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:
	01/27/24	5:16 AM	5:39 AM	J. Green
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):	Weather Conditions:
	7067	70222406	10	---
	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):	Concrete Temperature (°F): ASTM C172	Wet Weight (p.c.f.):
5.5	63	75	---	
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:	Freezer Slab Pour 11			

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
A	01/29/24	02/03/24	7	4.02	12.69	60,240	4750	5	
B	01/29/24	02/10/24	14	4.02	12.69	79,460	6260	4	
C	01/29/24	02/24/24	28						
D	01/29/24	02/24/24	28						
E	01/29/24	HOLD	H						
F									
G									

REMARKS:

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Type 1  
Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps

Type 2  
Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end

Type 3  
Columnar vertical cracking through both ends, no well-formed cones

Type 4  
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1

Type 5  
Side fractures at top or bottom (occur predominantly with unconsolidated concrete)

Type 6  
Similar to Type 5 but end of cylinder is spalling

Reviewed By:   
Licensed, Florida No.: 65550  
Date: 2/13/24

NATHAN E. MARGO  
LICENSED PROFESSIONAL ENGINEER  
No. 65550  
FLORIDA

Respectfully Submitted,  
CAL-TECH TESTING, INC.





# CAL-TECH TESTING, INC.

## ENGINEERING & TESTING LABORATORY

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FILE NO.:	23-00297-01
CYLINDER SET NO.:	175
LAB NO.:	708

### 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:	Smyrna 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

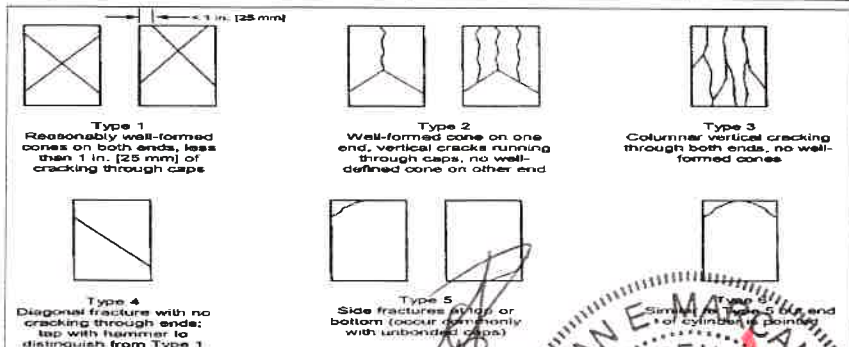
Date: 01/27/24	Time Concrete Batched: 7:28 AM	Time Concrete Sampled: 7:50 AM	Sampled By: J. Green
Concrete Truck No.: 4160	Ticket No.: 7022414	Size of Load (c.y.): 10	Weather Conditions: ---
Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "Yes" gal.: --- c.y.: ---	Extra Water Authorized by: ---	
Plasticizer Added at Job Site: gal.: --- c.y.: ---			
Slump (inches): 7 ASTM C143	Air Temperature (°F): 63	Concrete Temperature (°F): 72 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:	Freezer Slab Pour 11		

Note: Slump above specified requirements

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	01/29/24	02/03/24	7	4.02	12.69	57,780	4550	5	
B	01/29/24	02/10/24	14	4.02	12.69	78,190	6160	4	
C	01/29/24	02/24/24	28						
D	01/29/24	02/24/24	28						
E	01/29/24	HOLD	H						
F									
G									

#### REMARKS:

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Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:

Licensed, Florida No.:

Date: 2/3/24





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## ENGINEERING & TESTING LABORATORY

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FILE NO.:

23-00297-01

CYLINDER SET NO.:

176

LAB NO.:

709

### 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:	Smyrna 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:						
	01/27/24	7:46 AM	8:32 AM						
	Concrete Truck No.:	Ticket No.:	Size of Load (c.y.):						
	4240	70224	10						
	Extra Water Added at Job Site:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---							
	Plasticizer Added at Job Site: gal.:	c.y.:							
	Slump (inches):	Air Temperature (°F):	Concrete Temperature (°F):						
	4	63	75						
	Air Content (% by vol.):	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: Freezer Slab Pour 11									
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
A	01/29/24	02/03/24	7	4.02	12.69	63,260	4990	5	
B	01/29/24	02/10/24	14	4.02	12.69	78,990	6220	4	
C	01/29/24	02/24/24	28						
D	01/29/24	02/24/24	28						
E	01/29/24	HOLD	H						
F									
G									
REMARKS:									
<p>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.</p>									
<div><div><p>Type 1 Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps</p></div><div><p>Type 2 Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end</p></div><div><p>Type 3 Columnar vertical cracking through both ends, no well-formed cones</p></div><div><p>Type 4 Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1</p></div><div><p>Type 5 Side fractures at top or bottom (occurs commonly with unboned caps)</p></div><div><p>Type 6 Similar to Type 5 but end surface is fractured</p></div></div>									
Respectfully Submitted, CAL-TECH TESTING, INC.									
Reviewed By: [Signature] Licensed, Florida No.: 65550 Date: 2/15/24 [Professional Engineer Seal: NIAN E. MARGNO, No. 65550, State of Florida]									