



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.:	4
LAB NO.:	411

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	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		

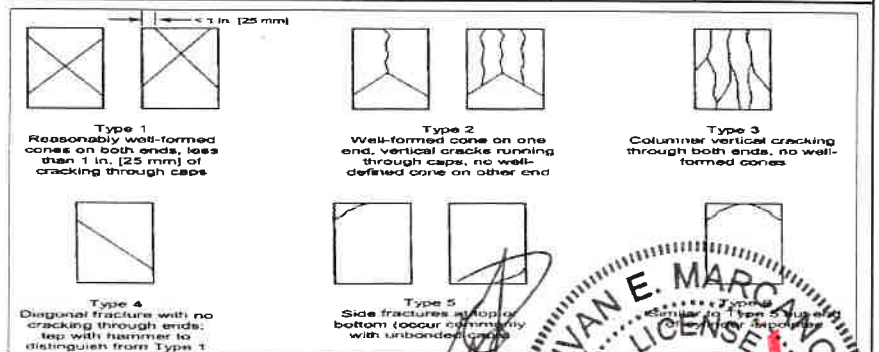
FIELD and LAB DATA	Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled By:
	08/24/23	9:31 AM	10:06 AM	C. Day
	Concrete Truck No.: 66	Ticket No.: 144298	Size of Load (c.y.): 10	Weather Conditions: Sunny
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---			Extra Water Authorized by: ---
	Plasticizer Added at Job Site: gal.: --- c.y.: ---			
	Slump (inches): 3.75	Air Temperature (°F): 91	Concrete Temperature (°F): ASTM C172 91	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: Column Pads & Footer for CL - 23 from North and to Line G.2 and CL H.8 Column Pads			

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	08/25/23	08/31/23	7	4.02	12.69	61,090	4810	5	
B	08/25/23	09/21/23	28	4.02	12.69	92,440	7280	4	
C	08/25/23	09/21/23	28	4.02	12.69	88,060	6940	4	
D	08/25/23	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: 9/25/23





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FILE NO.:	23-00297-01
CYLINDER SET NO.:	5
LAB NO.:	412

COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

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

DESIGN DATA	Specified Strength for Structure: psi: 3000 days: 28	Slump (inches): 4-6	Air Content (percent): ---
	Mix Type: <input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> Grout <input type="checkbox"/> Other:		
	Plasticizer Added: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", <input type="checkbox"/> At Plant <input type="checkbox"/> At Jobsite		

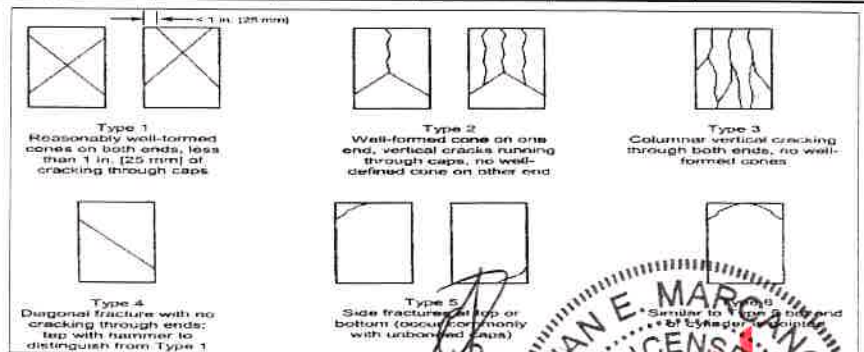
FIELD and LAB DATA	Date:	08/25/23	Time Concrete Batched:	9:55 AM	Time Concrete Sampled:	11:15 AM	Sampled By:	N. Johnson
	Concrete Truck No.:	70	Ticket No.:	28761	Size of Load (c.y.):	10	Weather Conditions:	Clear
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" gal.: --- c.y.: ---						Extra Water Authorized by:	
	Plasticizer Added at Job Site: gal.: --- c.y.: ---						---	
	Slump (inches):	ASTM C143	Air Temperature (°F):	88	Concrete Temperature (°F):	ASTM C172	Wet Weight (p.c.f.):	---
	4.5				93			
	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: Column Pads along North Wall								

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	08/29/23	09/08/23	14	4.02	12.69	60,790	4790	4	
B	08/29/23	09/22/23	28	4.02	12.69	94,390	7440	4	
C	08/29/23	09/22/23	28	4.02	12.69	93,250	7350	4	
D	08/29/23	HOLD	H						
E									
F									
G									

REMARKS:

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FILE NO.:	23-00297-01
CYLINDER SET NO.:	6
LAB NO.:	413

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:	

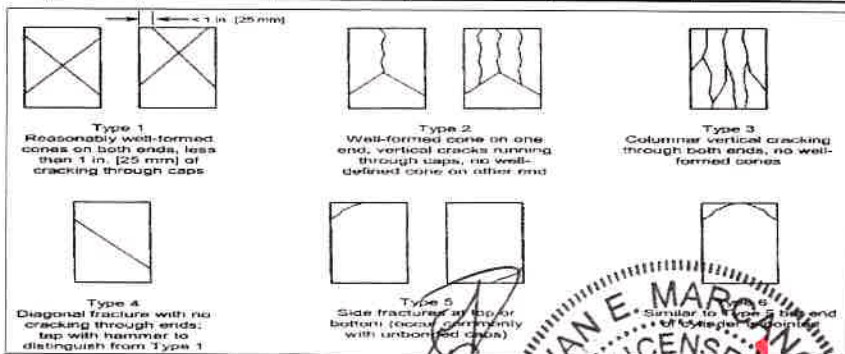
DESIGN DATA	Specified Strength for Structure:	Slump (inches):	Air Content (percent):		
	psi: 3000	4-6	---		
	days: 28				
	Mix Type:				
	<input checked="" type="checkbox"/> Normal Wt. <input type="checkbox"/> Lightweight <input type="checkbox"/> Mortar Mix <input type="checkbox"/> Pump Mix <input type="checkbox"/> 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: 08/25/23	Time Concrete Batched: 11:07 AM	Time Concrete Sampled: 12:15 PM	Sampled By: N. Johnson	
	Concrete Truck No.: 68	Ticket No.: 184317	Size of Load (c.y.): 10	Weather Conditions: Clear	
	Extra Water Added at Job Site: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "Yes" gal.: --- c.y.: ---	Extra Water Authorized by: ---		
	Plasticizer Added at Job Site: gal.: --- c.y.: ---				
	Slump (inches): 4.5	ASTM C143	Air Temperature (°F): 89	Concrete Temperature (°F): 98	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: Column Pads Along North Wall				

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	08/29/23	09/08/23	14	4.02	12.69	57,990	4570	5	
B	08/29/23	09/22/23	28	4.02	12.69	92,390	7280	4	
C	08/29/23	09/22/23	28	4.02	12.69	86,670	6830	4	
D	08/29/23	HOLD	H						
E									
F									
G									

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Licensed, Florida No.:

No. 65550

65550

Date: 9/25/23

STATE OF

FLORIDA

PROFESSIONAL ENGINEER