

# **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

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

#### **COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS**

Olivert		Challer Coope	Hadla B. 1			51 00055					
Client:	h Nama .	Stellar, 2900									
-	t Name:	US Cold Storage - Building Expansion Phase III									
	t Location:	Lake City, FL									
	t Contractor:	Stellar					1cc: Client		1cc: File		
	ete Supplier: Specified Strength for	Columbia Rea	idy Mix Conc	rete	ICI	-6 - 1		Report Date			
Ì	Specified Strength for	psi:	3000		Slump (ir	•		Air Content (p	ercent):		
۵		days:	28		1	7-9		***			
DESIGN DATA	Mix Type:  Normal Wt.		Lightweight	☐ Mor	☐ Mortar Mix ☐ Pump Mix ☐ Grout					v	
	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite			
	Date:		Time Concrete	Batched	1:	Time Concre	te Sampled:		Sampled By:		
	09/21/	/23	4:0	)2 AM			4:50 AM		М.	Hopkins	
ATA	Concrete Truck No.:		Ticket No.:	144		Size of Load	(c.y.):		Weather Con	ditions:	
and LAB DATA	Extra Water Added at	Job Site:		Yes [	√ No If	J-	***		Extra Water A		
Ľ	Plasticizer Added at J	ob Site: gal.:			c.y.:					OCTATOR.	
and	Slump (inches):	ASTM C143	Air Temperature		°F): Concrete Temperature (°			ASTM C172	Wet Weight (p.c.f.):		
FIELD	Air Content (% by vol.):	ASTM C231	70 Molded and Cured to ASTM C-31				82		Tested to ASTM C-39:		
쁜			Moraco and Our			. Unknown				∏ No	
	Location of Concrete	,	✓ Yes	Ur of Mud				103			
	Location of concrete	riacement.		4111 PO	ur or wua	Siab					
S	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST SF	PECIMEN SIZE  AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY	
	Α	09/22/23	09/28/23	7	4.02	12.69	39,540	3120	5		
	В	09/22/23	10/19/23	28	4.02	12.69	75,580	5960	4		
	С	09/22/23	10/19/23	28	4.02	12.69	77,250	6090	4		
	D	09/22/23	HOLD	Н							
	Ē									li i	
	F										
	G										
EMARKS	its presented in this report are spe	icific poly to the samples teep	ted at the time of		$\leq$	1 in [25 mr					
sting. The t nce materia lould be exe	test was performed in accordance of conditions can vary between tes arcised with time, sound judgemen	with generally accepted me t locations and change with it should be exercised with r	thods and standards. time, sound judgement egard to the use and	con	Type 1 asonably wa les on both on nan 1 In. [25 acking throu	di-formed ands, less mmi of	end, vert	Type 2 med cone on one ical cracks running h caps, no well- oune on other end	g through	Type 3 ner vertical cracking both ends, no well- omned cones	
terpretation of the data., This report shall not be reproduced without prior approval of the author.								Lp)	mannan A	MARO MARINE	
				ta	Type 4 gonel fracture cking through the party with hairs through the party with t	mer to	Side fract bottom (or with unit	sour eqratificativ	HILL OF	ENSE O	
-	tfully Submitted,							CHUIR	版:	CEREO :	
AL-TECH TESTING, INC.						Re	eviewed By:	411	No.	65550	
							Licensed,	Florida No:	★ j. 65550		
								Date	1924 28T	TE OF	
								1	THE PORTE	ORIDA	
								1.	MILSSI	MAL ENDINE	
									"HIII	unname.	



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

## COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

Client:		Stellar, 2900	Hartley Road	Jacks	onville	FL 32257				
Project	Name:	US Cold Stora			1000					
1	Location:	Lake City, FL	ago Danang	, шхра	10101111	1430 111				
1 1	Contractor:	Stellar						1001 0111		4
1 1	ete Supplier:	Columbia Rea	ady Mix Conc	roto				1cc: Client		1cc: File
- A	Specified Strength for	Structure:	ady IVIIX CONC	rete	Slump (ii	nches\-		Report Date		
AT	Specified Strength for	psi:	3000		Oldinb (ii	Display PD		Air Content (p	percent).	
0	=	days:	28			7-9			***	
DESIGN	Mix Type:  Normal Wt.	<del></del>								
S			Lightweight	Mor	tar Mix	Pump Mix	Grout	Other:		
	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batched	1:	Time Concre	te Sampled:		Sampled By:	
	09/21/	/23	6:3	30 AM			7:00 AM		M.	Hopkins
₹	Concrete Truck No.:		Ticket No.:			Size of Load	(c v ):			
and LAB DATA				HAN		Oize of Load	10		Weather Con	Sunny
В	Extra Water Added at	Job Site:		Yes [	√ No If	"Yes" gal.:	***			Authorized by:
₹		20.1407				c.y.:				
<u> </u>	Plasticizer Added at J		I week		c.y.;				8.	
ar	Slump (inches):	ASTM C143	Air Temperature			Concrete Ten	nperature (°F):	ASTM C172	p.c.f.):	
그	Air Content (% by vol.):	ASTM C231	Molded and Cu	70	STM C 31		82		-	
FIELD	(10 0) 1011/	7.07111 020 7		□ No	. Unknown			Tested to ASTM C-39:		
_	Location of Concrete F								✓ Yes 🗌 No	
	Location of Concrete i	Placement:		4th Pou	ur of Mud	Slab				
SF	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST SE	PECIMEN SIZE  AREA (sq. in.)	TOTAL LOAD	TEST STRENGTH	TYPE OF	TESTED BY
	Α	09/22/23	09/28/23	7	4.02	12.69	(pounds) 40,520	(p.s.l.) 3190	FRACTURE 5	
	В	09/22/23	10/19/23	28	4.02	12.69	84,540	6660	4	
	С	09/22/23	10/19/23	28	4.02	12.69	80,390	6330	4	
	D	09/22/23	HOLD	Н		12.00	00,000	0000		
	E									
	F									
	G									
the test results presented in this report are specific only to the samples tested at the time of sting. The test was performed in accordance with generally accepted methods and standards not 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 erpretation of the data. This report shall not be reproduced without prior approval of the author.			th:	Type 1 isonably we as on both a as 1 in. 2 isoking throu	mm) of	Well-form	Type 2 med cone on one soll cracks running 1 caps, no well- une on other end	Column through	Type 3 areosing both ends, no well- ormed consta	
-	fully Submitted, CH TESTING, INC.			Crac	Type 4 brief fracture king throug nguish from	hends; nerto Type t	Side frait bottom (on with unti-	Florida No.:	No. (65550	NS NS



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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	l. Jacks	sonville		CREIE II			
Project Name: US Cold Storage - Building										
Project Location: Lake City, FL					noion i	1000 111				
Project Contractor: Stellar  Concrete Supplier: Columbia Boods Mix Concrete								1cc: Client		1cc: File
										icc: File
₹	Specified Strength for	or Structure:	and the contract	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Slump (ir	nches):		Air Content (		
Æ		psi:	3000			7-9		(1		
Z	Mix Type:	days:	28	-	1					
SIG	Specified Strength for Mix Type:  Normal Wt.  Plasticizer Added:		Lightweight	Moi	Mortar Mix Pump Mix Grout					
۵	Plasticizer Added:		Yes	No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batche	d:	Time Concr	ete Sampled:		Sampled By:	
	09/21	/23	7:	21 AM			7:52 AM		М.	Hopkins
DATA	Concrete Truck No.:		Ticket No.:			Size of Load	d (c.y.):		Weather Cor	
PA	62		14	44592			10			Sunny
	Extra Water Added a	t Job Site:		Yes [	√ No If	"Yes" gal.:			Extra Water	Authorized by:
LA	Plasticizer Added at .	loh Site: gal f			0.111	c.y.:	.#P.1		-	TATE:
and LAB	Slump (inches):	ASTM C143	Air Temperatur	e (°F):	c.y.:		emperature (°F):	ASTM C172	Wet Weight (	n of \
	9			<b>70</b>		Jonicie I	82	ASTIVI CITZ	wver weight (	p.c.i.j.
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	red to A	STM C-31	:		Tested to ASTM C-39		TM C-39:
ᄪ				✓ Yes	☐ No	Unknow	חי		✓ Yes	No
	Location of Concrete	Placement:		4th Po	4th Pour of Mud Slab					
SF	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE		PECIMEN SIZE	TOTAL LOAD	TEST STRENGTH	TYPE OF	TESTED BY
	Α	09/22/23	09/28/23	(days)	DIA. (in.) 4.02	12.69	(pounds)	(p,s,l,)	FRACTURE	123120 81
	В	09/22/23	10/19/23	28	4.02	12.69	41,250 87,540	3250 6900	5	
	С	09/22/23	10/19/23	28	4.02	12.69	86,660	6830	4	
	D	09/22/23	HOLD	Н		12.00	00,000	0030	-	-
	E						-			
	F									
	G									
EMARKS:	:	•				- < 7 in (25 i	nm)	7 775		
					$\times$	$\times$		I IWI		KIN
e test result	Is presented in this record are	alfi and de								[80]
sting. The te nce material	Is presented in this report are spe est was performed in accordance I conditions can vary between tes rcised with time, sound judgeme	with generally accepted me at locations and change with	thods and standards time, sound judgement	than 1 in [25 mm] of thro			and, verti	Type 3 comed cone on one ordical cracks running ordical caps, no well- d cone on other end  Type 3 Columnar vertical cracks running through both ends, no formed cones		
erpretation of	of the data. This report shall not	be reproduced without prior	approval of the author.			1				
							1			
								12	A THILLIAN	A A DOWN
				Diag	Type 4 joinni fracture cking throug	with no	Side fract bottom (oc	ope 5 A yop or	MILLE A	water to the transporter
				taib	ip with hamr	ner to Type 1	with inth	( cans)	IL PL IC	ENSE O
	tfully Submitted,							MILLE	5: ×	CESSO :
CAL-TECH TESTING, INC.						F	Reviewed By:	A Marie	: No.	65550
							Licensed,	Plorida No	65550	
								Date	10/30/ex	E OF
								1'	THE PORT	ORIDA N
								(E)	MILESC.	ENGIN