

### 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:		Challes 2000	U-dlas Daad	11		EL 20057		-01 01 2	JIME NO		
	Stellar, 2900 Hartley Road, Jacksonville, FL 32257										
11 '	t Name: US Cold Storage - Building Expansion Phase III										
	Project Location: Lake City, FL										
The state of the s							1cc: Client		1cc: File		
Concre	ete Supplier: Specified Strength fo	Columbia Rea	ady Mix Conc	rete							
DATA	Specified Strength to	r Structure: psi:	3000		Slump (ir	nches):		Air Content (p	ercent):		
2		days:		4-6							
N N	Mix Type:	_									
ESIGN	✓ Normal Wt.		Lightweight	Mor	rtar Mix [	Pump Mix	Grout	Other:			
	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite			
	Date:		Time Concrete	Batched	d:	Time Concre	te Sampled:		Sampled By:		
	08/24	/23	9:	31 AM			10:06 AM		C. Day		
₹	Concrete Truck No.:		Ticket No.:			Size of Load	(c.v.).		Weather Cond	litions:	
DAT.	66			14298			10		1	Sunny	
	Extra Water Added at	Job Site:		Yes [	√ No If	"Yes" gal.:	1225		Extra Water A	uthorized by:	
LAB	Dia dia ana Adda da da da	1.00		_		c.y.:			]		
and	Plasticizer Added at J Slump (inches):	ASTM C143	Air Temperatur	o (°E):	c.y.:		nperature (°F):	ACTM CA70	\\(\frac{1}{2}\)		
	3.75			е(г <i>)</i> . <b>91</b>		Concrete Fer	nperature (°F):	ASTM C172	Wet Weight (p	.C.T.):	
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	red to A	STM C-31				Tested to AST	M C-39:	
표	222			✓ Yes	☐ No	Unknown	l		✓ Yes	□No	
	Location of Concrete	Placement:		Colum	n Pads &	Footer for CL	- 23 from No	rth and to Line	Line G.2 and CL H.8 Column Pads		
									OLE GITE OF IT	o Goldinii i ads	
SF	PECIMEN I, D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	DIA (in.)	PECIMEN SIZE	TOTAL LOAD (pounds)	TEST STRENGTH	TYPE OF	TESTED BY	
	Α	08/25/23	08/31/23	7	4.02	12.69	61,090	(p.s.l.) 4810	FRACTURE 5		
	В	08/25/23	09/21/23	28	4.02	12.69	92,440	7280	4		
	С	08/25/23	09/21/23	28	4.02	12.69	88,060	6940	4		
	D	08/25/23	HOLD	Н							
	E										
	F										
	G										
REMARKS						1 in [25 mr	P) [ \	1 17551			
					$\checkmark$	$\times$	{	1 11(1)		$\mathcal{U}(\lambda) = \Box$	
								1 M		I VIVI	
	ts presented in this report are spe			Ro	Type 1 asonably we	tl-formed	Well-for	Type 2 med cone on one	Column	Type 3	
ince materia	est was performed in accordance I conditions can vary between tes	t locations and change with	time, sound judgement	U	Heson both a Nan 1 in. [25 acking throu	mmt of	end, verti throug	ical cracks running in caps, no well- cone on other end	fa	er vertical cracking both ands, no wall- amed cones	
	rcised with time, sound judgemer of the data. This report shall not t				r	1					
						}		MAD W			
					Type 4 Disgonal fracture with no Side fracture				DES SUPPLY AND AND SUPPLY OF THE PARTY OF TH		
		dist	cking throug ap with hamr inguish from	hends: nerto Type t	bottom (or with unb	onder Gran	74 TIGE	NSE			
Respectfully Submitted, No. 65550								FEED			
CAL-TE	CH TESTING, INC.					Re	eviewed By:	4	100,0	0000	
							Licensed,	Florida No.	65550	*	
								Date:	STEEL STEEL	E OF	
								1	02.10	RIDA WELLE	
									THE SION	AL ENGITHE	
									7,,,,,,,,,,,	munimin.	



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

### COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

Client:	Client: Stellar, 2900 Hartley Road, Jacksonville, FL 32257										
Project Name: US Cold Storage - Building											
Project Location: Lake City, FL					ision FI	ase III					
		Stellar					Anni Otta it		4 F"		
Project Contractor: Stellar Concrete Supplier: Columbia Ready Mix Concrete								1cc: Client		1cc: File	
	Specified Strength for	Structure:	ady MIX Conc	rete	Slump (ir	iches).		Report Date Air Content (p			
DATA	Francis and Garage		Ciamp (ii	,			·				
2		days:	28			4-6					
5	Mix Type:	<u></u>	Lightweight			¬					
ES	Mix Type:  Very Normal Wt. Lightweight Mortar Mix Pump Mix Grout Other:  Plasticizer Added: Yes V No If "Yes", At Plant At Jobsite										
	Plasticizer Added:			No No		If "Yes",					
	Date:		Time Concrete		d:	Time Concre	te Sampled:		Sampled By:		
	08/25/	23	9:5	55 AM			11:15 AM		N. Johnson		
TA	Concrete Truck No.:	100	Ticket No.:			Size of Load	(c.y.):		Weather Cond	ditions:	
DATA	70 Extra Water Added at	Joh Sito:		8761	¬ 14	"\\-=" -=\.	10			Clear	
LAB	LATIA Water Added at	Job Site.		Yes	√ No If	"Yes" gal.: c.y.:			Extra Water A	uthonzed by:	
7	Plasticizer Added at J	ob Site: gal.:			c.y.:		Establish Control of the Control of		-		
and	Slump (inches):	ASTM C143	Air Temperature	e (°F):			mperature (°F):	ASTM C172	Wet Weight (p.c.f.):		
	4.5			88			93 `				
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	red to A	red to ASTM C-31:				Tested to AST	M C-39:	
프	:408:			✓ Yes	No	Unknown	1		✓ Yes	☐ No	
i	Location of Concrete F	Placement:		Colum	n Pads al	ond North Wa	all				
SF	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	DIA (in.)	AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY	
	Α	08/29/23	09/08/23	14	4.02	12.69	60,790	4790	4		
	В	08/29/23	09/22/23	28	4.02	12.69	94,390	7440	4		
	С	08/29/23	09/22/23	28	4.02	12.69	93,250	7350	4		
	D	08/29/23	HOLD	Н							
	E										
	F										
	G										
REMARKS:						- 1 m 128 mi	m [ _	1 (7)			
					$\times 1$	$\times$	1 {	{ { }		R(Y) = 1	
								1 M		I MAI	
	ls presented in this report are spe- est was performed in accordance			Type 1 Reasonably well-tormed			Well-for	Type 2	Column	Type 3 ar vertical cracking	
ince materia	l conditions can vary between test	locations and change with I	lime, sound judgement	than 1 in [25 mm] of through				eal cracks running h caps, no well- cone on other end	) through fo	Type 3 ar vertical cracking both ends, no well- amed opnes	
	rcised with time, sound judgemen of the data This report shall not b				1	7					
						1		The state of the s			
					Type 4 Diagonal fracture with no Side tracture of the state of the sta				Spor WILLE SMARON TO TOP OF STATE OF ST		
				ta dist	cking throug ip with humi inguish from	n ends: ner to Type 1	bottom (oc with unb		P. CE	VSA V	
Respectfully Submitted,								1/1/1/3/3			
CAL-TECH TESTING, INC.					Re	eviewed By:	Milan	: No. 6	5550		
							Licensed,	Florida No.	65550	*	
								Date:	1/25/73TI	F OF INS	
								The state of the s	P . KI	DA . WE	
								1	TOP LOF	S. W. Clynn	
						-	11,5510 N	AL ENGINEE			
									111111	111111111	



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

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

									@ 	
Client:										
Project	Name:	US Cold Storage - Building Expansion Phase III								
Project	Location:	Lake City, FL								
Project	roject Contractor: Stellar 1cc: Client									1cc: File
Concrete Supplier: Columbia Boady Mix Concrete								Report Date		1001 1110
⋖	Specified Strength for	Structure:			Slump (ir	nches):		Air Content (p		
Ā		psi:	3000			4-6				
	14. **	days:	28							
<u> </u>	Mix Type:  Normal Wt.		Lightweight		[	¬				
ESIGN			Lightweight	Mort	tar Mix (	Pump Mix	☐ Grout	Other:		
	Plasticizer Added:			No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batched	:	Time Concrete Sampled:			Sampled By:	
	08/25/	23	11:	07 AM			12:15 PM		N. Johnson	
≥	Concrete Truck No.:		Ticket No.:			Size of Load	(c.v.):		Weather Cond	litions:
DATA	68		9507	4317			10		1	Clear
3.0	Extra Water Added at	Job Site:		Yes [	No If	"Yes" gal.:	<b>***</b>		Extra Water A	uthorized by:
LAB						c.y.:	###O			
1 p	Plasticizer Added at Ju				c.y.:					
and	Slump (inches):	ASTM C143	Air Temperatur			Concrete Te	mperature (°F):	ASTM C172	Wet Weight (p.c.f.):	
9	4.5 Air Content (% by vol.):		Molded and Cu	89	OTM C 24		98			
FIELD	All Content (70 by vol.).	A31W 0231	INICIALEG AND CO		No	_			Tested to ASTM C-39:	
-						Unknowr			✓ Yes ☐ No	
	Location of Concrete F	Placement:		Columi	n Pads Al	ong North W	all			
		r						,		
SPECIMEN LD. LAB NO.		DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	DIA_(in_)	AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY
	Α	08/29/23	09/08/23	14	4.02	12.69	57,990	4570	5	
	В	08/29/23	09/22/23	28	4.02	12.69	92,390	7280	4	
	С	08/29/23	09/22/23	28	4.02	12.69	86,670	6830	4	
	D	08/29/23	HOLD	Н						
	E									
	F									
	G									
REMARKS:					_		ny.			1
								1 [33]		
								1 111		nan 11
he test result	s presented in this report are spec	rific only to the samples tes	and at the time of						ļ	
sting. The to	est was performed in accordance	with generally accepted me	thods and standards	Type 1  Reasonably well-formed. Well-formed cone cones on both ends, less end, vertical cracks then 1 in. [25 mm] of through usps, no				med cone on one cal cracks running	through t	Type 3 or vertical cracking both ends, no well-
rould be exe	conditions can vary between test rcised with time, sound judgemen	t should be exercised with r	egard to the use and	cra	cking throu	gh caps	Demileb	one on other end		mned cones
terpretation of	of the data. This report shall not b	e reproduced without prior	approval of the author			1				
						7	<b>.</b>	A A A A		
			Diagonal Tracture with rice Side fra			bottom (oc	and gentleytimity 2	TILL E SITTLE	r to Type 5 ties end	
die						ner to Type 1	with unb	onted chos)	P. CEN	VS V
Respectfully Submitted,								MIED	- V	
CAL-TECH TESTING, INC.					R	eviewed By:	H V	: No. 65	550	
							Licensed,	Florida No.	65550	* * =
								Date:	7/25/APE	OF :
								THE STATE OF THE S	2	DA: WI
								1	LOF	Christin
									SIONE	ENGINEE
									"minin	III III III