

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.:						
	111					
LAB NO.:	592					

COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

			30,11 01						CHAICHO		
Client:		Stellar, 2900									
_	Name:	US Cold Store	age - Building	Expar	nsion Ph	ase III					
Project	Location:	Lake City, FL									
-	Contractor:	Stellar 1cc: Client 1cc: File								1cc: File	
	te Supplier:	Columbia Ready Mix Concrete Report Date:									
Σ	Specified Strength for		4000		Slump (ir	nches):		Air Content (p	ercent):		
A		psi: days:		4-6							
Z	Mix Type:	uays.	28								
<u> </u>	✓ Normal Wt.		Lightweight	☐ Mor	tar Mix	Pump Mix	Grout	Other:			
DESIGN DATA	Plasticizer Added:		Yes	No		If "Yes",					
	Date:								At Jobsite		
	12/07/		Time Concrete Batched: Time Concrete Sampled:				Sampled By:				
4				27 AM			8:00 AM			C. Day	
and LAB DATA	Concrete Truck No.: 65		Ticket No.:	5662		Size of Load			Weather Cond		
2	Extra Water Added at	Job Site:			√ No If	"Yes" gal.:	10		Extra Water A	ar & Cold	
AB				162	<u> </u>	-			LXII a Water A	dirionzed by.	
ı.	Plasticizer Added at Jo	ob Site: gal.:			c.y.:			74		-	
anc	Slump (inches):	ASTM C143	Air Temperature	e (°F):			nperature (°F)	: ASTM C172	Wet Weight (p	o.c.f.):	
	3.5			39			63			6775	
FIELD	Air Content (% by vol.):	ASTM C231		STM C-31	:			Tested to ASTM C-39:			
ഥ				✓ Yes	No No	Unknown			✓ Yes	☐ No	
	Location of Concrete F	Placement:		Exterio	r Westsic	de Pad & Insid	le Main Slab I	Pour Backs			
SF	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	DIA. (in.)	PECIMEN SIZE AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY	
Α		12/08/23	12/14/23	7	4.02	12.69	53,450	4210	4		
В		12/08/23	01/04/24	28	4.02	12.69	82,090	6470	4		
	С	12/08/23	01/04/24	28	4.02	12.69	75,510	5950	4		
	D	12/08/23	HOLD	Н							
	E										
	F										
	G										
is 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, note material conditions can vary between test locations and change with time, sound judgement ould be exercised with time, sound judgement should be exercised with regard to the use and expression of the data. This report shall not be reproduced without prior approval of the author.				cones on both ends, less end then 1 in. [25 mm] of			Wall-tor end, vert	Type 2 med cone on one lost cracks running in cape, no well-core on other and) through	Type 3 cracking ser vertices cracking both ends, no well-	
				Type 4 Diagonal fracture with no cracking through ends: top with harmer to distinguish from Type 1			Side fractions (opportunity with unbonded laps)		AN CENO		
	tfully Submitted,							Mul	602: C	-1/2 E	
AL-TECH TESTING, INC.				Reviewed By:					No. 85550		
							Licensed,	Florida No	1 65550		
								N Date	15/- STA	000	
								11 3	B	UF /	
								1	MIX CONSO	RIDA	
								**;(11,510N	A FNGINI	
									11271111	Minimum.	



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FILE NO.:						
	23-00297-01					
CYLINDER SET NO.:						
	112					
LAB NO.:	611					

COMPRESSIVE STRENGTH OF CONCRETE TEST SPECIMENS

Client:	ent: Stellar, 2900 Hartley Road, Jacksonville, FL 32257											
Project	Name:	US Cold Storage - Building Expansion Phase III										
Project	Location:	Lake City, FL										
Project	ontractor: Stellar 1cc: Client								1cc: File			
Concre	te Supplier:											
₹	Specified Strength for		Slump (inches): Air Content (p				ercent):					
Δ	psi: 3000 days: 28					4-6						
z	Mix Type:	days.	20									
Specified Strength for Structure: psi: psi: days: 28 Mix Type: Normal Wt. Lightweight Mortar Mix Pump Mix Grout Other: Plasticizer Added: Yes No If "Yes", At Plant At Jobsite												
Plasticizer Added:				No	No If "Yes", At Plant At Jobsite							
	Date:		Time Concrete Batched:			Time Concrete Sampled:			Sampled By:			
	12/11/	23	9:5	3 AM			10:24 AM		J. Green			
⋖	Concrete Truck No.:		Ticket No.:			Size of Load			Weather Cond			
DATA	73			5696		Size of Load	3 yd			Clear		
3	Extra Water Added at	Job Site:		Yes [√ No If	"Yes" gal.:			Extra Water A	uthorized by:		
٩						c.y.:						
and LAB	Plasticizer Added at Jo	ob Site: gal.: ASTM C143	Air Tamparatur	- (OE).	c.y.:		nperature (°F):	ACTM C170	Mat Maight (n	o f \.		
	Slump (inches):	ASTM C143	Air Temperature (°F): Concrete				62	ASTWICT/2	Wet Weight (p.c.f.):			
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu		STM C-31	:			Tested to AST	M C-39:		
뿚				✓ Yes	☐ No	Unknown	1		✓ Yes No			
Location of Concrete Placement:					ide Stair	vell Footers						
SI	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE		PECIMEN SIZE	TOTAL LOAD	TEST STRENGTH	TYPE OF FRACTURE	TESTED BY		
Α		12/13/23	12/18/23	(days)	4.02	AREA (sq. in.) 12.69	(pounds) 48,220	(p.s.l.) 3800	4			
	В	12/13/23	01/08/24	28	4.02	12.69	63,470	5000	4			
	С	12/13/23	01/08/24	28	4.02	12.69	57,080	4500	4			
	D	12/13/23	HOLD	Н								
	E											
	F											
	G											
REMARKS	:	-				- 1 /n. (25 m)	m) []	1 055				
							1 { 1 1} { }					
										TNN I		
	its presented in this report are spe			He	Type asonably we	i nii-formed	Well-for	Type 2 med cone on one	Calumn	Type 3 ar vertical cracking		
ince materia	test was performed in accordance al conditions can vary between test	locations and change with	time, sound judgement	1000	les on both o nan 1 in. (25 acking throu	mmi of	threaut	cal cracks running h caps, no well- cone on other and	g inrough	both ends, no well- ormed cones		
	ercised with time, sound judgemen of the data This report shall not b					7						
									67340			
								MA				
							Side frac bottom (or	ype for or security S	III/A E	TO S Wood		
		111111111111111111111111111111111111111	op with ham linguish from	mer to	with unb	The state of the s	IN CE	VSET				
Respectfully Submitted, No. 65550 No. 65550								650				
CAL-TECH TESTING, INC.					Revie			The second		5500		
							Licensed,	Florida Not: Date:	65550	* *		
								Date:	H-V STATE	OF A		
							1 %	ONTOR	IDA WELL			
								(t) 3	SIDNIA	ENGLINI		
									AMOUNT.	inninini.		