

### **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.:								
13								
438								

Client:		Stellar, 2900	Hartley Road	l. Jacks	sonville	FL 32257			CIMENS	
Project	t Name:	US Cold Stor								
Project	t Location:	Lake City, FL		2 17-3-						
Project	Contractor:	Stellar			1cc: Client 1cc: Fi					
Concre	ete Supplier:	Columbia Rea	adv Mix Conc	rete				Report Date		icc. The
Z	Specified Strength fo	r Structure:			Slump (i	nches):		Air Content (		
A		psi:	3000			7-9				
Z	Mix Type:	uays.	28							
SIG	✓ Normal Wt.		Lightweight	☐ Mor	tar Mix	Pump Mix	Grout	Other:		
DE	Specified Strength fo  Mix Type:  Normal Wt.  Plasticizer Added:		Yes			If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete		ic	Time Concre	_		Sampled By:	
	09/18	/23		:			4:10 AM			Hopkins
⋖	Concrete Truck No.:		Ticket No.:			Size of Load				
ΙĄ			Fronce (Vo.:	-		Size of Load	(c.y. <i>)</i> .		Weather Con	Dark
and LAB DATA	Extra Water Added at	Job Site:		Yes	√ No I	"Yes" gal.:			Extra Water A	
Z	Plasticizer Added at J	- L C'1				c.y.:	***			
nd	Slump (inches):	ASTM C143	Air Temperatur	o (°F).	c.y.		nperature (°F):	ACTM C470	10/-110/ : 14/	
	8.5		Air remperatur	<b>72</b>		Concrete rei	79	A\$1MC172	Wet Weight (	p.c.t.):
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	red to A	STM C-31				Tested to AST	ΓM C-39:
正				✓ Yes	☐ No	Unknown			✓ Yes	☐ No
	Location of Concrete	Placement:		1st Pou	1st Pour for Mud Slab					
SPECIMEN I.D. LAB NO. DATE RECEIVED IN LAB DATE TESTED			AGE (days)	TEST S DIA. (in.)	PECIMEN SIZE  AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY	
	Α	09/19/23	09/25/23	7	4.02	12.69	50,550	3980	5	
	В	09/19/23	10/16/23	28						
	С	09/19/23	10/16/23	28						
	D	09/19/23	HOLD	Н						
	E									
	F G									
test result	s presented in this report are spe	cific only to the samples less	ed at the time of	Ros	Type 1	III-formed	Weil-fon	Type 2	Column	Type 3
e material uld be exer	conditions can vary between test rcised with time, sound judgemen of the data. This report shall not be	l locations and change with to t should be exercised with re-	ime, sound judgement egard to the use and	th	es on both of en 1 In. [25 acking throu	ands, leas mml of	throug	cal cracks running h caps, no wall- oune on other end	through	both ends, no well ormed cones
		,							min	111111111111111111111111111111111111111
				tes	Type 4 orusi fractur sking throug p with hame nguish from	th ends:	Side fract bottom (od with unb	scur continionly	HINNE TO	MARC
espectfully Submitted, AL-TECH TESTING, INC.								Min	774. MC	ENSE
						Re	eviewed By:	Mine	No.	65550
							Licensed,	Florida No	65550	
								Date	4/31/23	TE OF
								/'	10 STA	VIE OF
									THE ON F.L.	ORIDITA
									MISSIN	NAI ENGIN
									"HIII	Manning.



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FILE NO.:							
	23-00297-01						
CYLINDER SET NO.:							
	14						
LAB NO.:	439						

Client:		Stellar, 2900	Hartley Road	. Jack	sonville	FL 32257		EST SPE		
Projec	t Name:	US Cold Stor								9[
Projec	t Location:	Lake City, FL		5						
Projec	t Contractor:	Stellar						1cc: Client		1cc: File
Concre	ete Supplier:	Columbia Rea	ady Mix Cond	crete				Report Date		TCC. THE
Ϋ́	Specified Strength fo	r Structure:			Slump (i	nches):		Air Content (		
A		psi:	3000			7-9			-	
z	Mix Type:	uays.	28		Ļ					
SIG	Specified Strength fo  Mix Type:  Normal Wt.  Plasticizer Added:		Lightweight Mortar Mix Pump Mix Grout Other:							
	Plasticizer Added:		111	No No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batche	di	Time Concre	ete Sampled:		Sampled By:	
	09/18	/23	4:	01 AM			4:43 AM		M.	Hopkins
DATA	Concrete Truck No.:		Ticket No.:			Size of Load	(c.y.):		Weather Con	ditions:
Δ	Extra Water Added at			4476		(11)/ 11 1	10			Dark
B	LXII Water Added at	Job Site.	Ш	Yes [	√ No If	"Yes" gal.: c.y.:			Extra Water A	Authorized by:
	Plasticizer Added at J	ob Site: gal.:			c.y.				-	( <del>*****</del> )
and LAB	Slump (inches):	ASTM C143	Air Temperatur	e (°F):	C.y.		mperature (°F)	ASTM C172	Wet Weight (	n c f )·
	6.5			72			80		Track tracking to	
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	red to A	STM C-31	:			Tested to AS	TM C-39:
щ				✓ Yes	No No	Unknown	l		✓ Yes	☐ No
	Location of Concrete	Placement:		1st Po	1st Pour for Mud Slab					
SI	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST S	PECIMEN SIZE  AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH	TYPE OF	TESTED BY
	Α	09/19/23	09/25/23	7	4.02	12.69	53,670	(p.s.l.) 4230	FRACTURE 4	
	В	09/19/23	10/16/23	28		12.00	00,070	4200		
	С	09/19/23	10/16/23	28						
	D	09/19/23	HOLD	Н						
	E									
	F									
	G									
REMARKS:  the test results presented in this report are specific only to the samples tested at the time of setting. The test was performed in accordance with generally accepted methods and standards ince material conditions can vary between test locations and change with time, sound judgement tould be exercised with regard to the use and				con	Type 1 geonably we se on both c sen 1 in. [25 acking throu	mds. loss	Wall-fon	Type 2 med cone on one cal dracks running h caps, no well- bane on other and	): through	Type 3 ser related crecking both sinds, no well- sormed cones
Respectfully Submitted,  CAL-TECH TESTING, INC.				Cra-	Type 4  Type 4	hends; ner lo Type 1	Since fraction for the bottom for with units	cur commingly	No. 6	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
								Fior da Bios: Date:	6555	OF RIDA
									SIONI	AL END



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FILE NO.:							
	23-00297-01						
CYLINDER SET NO.:							
	15						
LAB NO.:	440						

									2441		
Client:											
Project	t Name:	US Cold Stora	age - Building	Expar	nsion Ph	ase III					
Project	t Location:	Lake City, FL									
Project	t Contractor:	Stellar						1cc: Client		1cc: File	
	ete Supplier:	Columbia Rea	dy Mix Conc	rete				Report Date			
Υ	Specified Strength for Structure:  psi: 3000				Slump (ir	nches):		Air Content (p	ercent):		
PA		3000 28		7-9		9	-				
Z	Mix Type:	days:	20								
SIG	✓ Normal Wt.		Lightweight	☐ Mor	tar Mix	Pump Mix	Grout	Other:			
DESIGN DATA	Plasticizer Added:		Yes	No		If "Yes",	At Plant	At Jobsite			
	Date:		Time Concrete	Batched	1:	Time Concre	ete Sampled:		Sampled By:		
	09/18/	23	6:0	7 AM			6:53 AM		м.	Hopkins	
₹	Concrete Truck No.:		Ticket No.:			Size of Load	(c.v.);		Weather Con-	ditions:	
Ϋ́	66		14	4481			10		S	Sunrise	
<u> </u>	Extra Water Added at	Job Site:		Yes	√ No If	"Yes" gal.:			Extra Water A	authorized by:	
2	Plasticizer Added at Jo	oh Site: gal :		E	c.y.:	c.y.:				CHEK	
and LAB DATA	Slump (inches):	ASTM C143	Air Temperature	e (°F):	C.y		mperature (°F):	ASTM C172	Wet Weight (	o.c.f.):	
	9			74			80				
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cu	Cured to ASTM C-31:					Tested to ASTM C-39:		
ш				✓ Yes  No  Unknown					✓ Yes  No		
	Location of Concrete F	Placement:		1st Po	ur of Mud	Slab					
SPECIMEN I.D. LAB NO. DA		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	09/19/23	09/25/23	7	4.02	12.69	52,420	4130	4		
	В	09/19/23	10/16/23	28							
	С	09/19/23	10/16/23	28							
	D	09/19/23	HOLD	Н							
	E										
	F G										
REMARKS											
CEIVIARNO	•			1	$\neg$	1 in (25 m	m)	1 1777		ПТО	
					$\times$					NYN II	
he test resul	Its presented in this report are spec	cific only to the samples tes	led at the time of	1	Type 1			Type 2		Type 3	
sting The f	lest was performed in accordance values and conditions can vary between test	with generally accepted me	thods and standards	con	asonably wo les on both o	nds, less	end, verti	Type 2 med cone on one cal cracks running h caps, no well-	through	Type 3 lar vertical cracking both ends, no well- ormed cones	
rould be exe	ercised with time, sound judgement of the data. This report shall not be	I should be exercised with r	egard to the use and	er.	acking throu	gh caps	defined	cone on other end			
10. p. 0.01.01.	or the data. This report sharr not be	e reproduced wanted prior	approvator the author			ļ					
								D			
				PAGE	Type 4	iii watta ma	Side frac	YES TO	ME MA	RAMA	
				Cras te	ponel fractur cking throug sp with ham inquish from	nerte	bottom (or with turit	The same of the sa	4	A Company	
Respec	tfully Submitted,							1 VI EN	D. CEN	OF OF	
CAL-TE	CH TESTING, INC.					R	eviewed By:	A BUX	No 65	550	
								Florida No.:	65550	* *	
-								Date:	1 26/23	OF :	
								1' = -	SAN	0 : 2 :	



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FILE NO.:							
	23-00297-01						
CYLINDER SET NO.:							
	16						
LAB NO.:	441						

Client:		Stellar, 2900	Hartley Road	lacks	conville	El 32257			DINEIRO	
Project	Name:	US Cold Stora								
1 1	Location:	Lake City, FL	age Ballang	LAPO	113101111	idoc III				
1 -	Contractor:	Stellar						1cc: Client		100. File
Concre	to Supplior	Columbia Pos	adv Mix Conc	roto				Report Date		1cc: File
4	Specified Strength for	r Structure:	ady Wilk Coric	1616	Slump (in	nches):		Air Content (p		
Ā		psi:	3000		. ` `	7-9				
		days:	28			7-9				
ESIGN	Mix Type: ✓ Normal Wt.		Lightweight				Other:			
DE	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batche	dí	Time Concre	ete Sampled:		Sampled By:	
	09/18/	/23					8:14 AM		M.	Hopkins
DATA	Concrete Truck No.: 65		Ticket No.:	14487		Size of Load	(c.y.):		Weather Cond	ditions: Sunny
3 D	Extra Water Added at	Job Site:			√ No If	"Yes" gal.:			Extra Water A	
-AE						c.y.:	(mme)			,
and LAB	Plasticizer Added at J				c.y.:					STIFF
	Slump (inches):	ASTM C143 ASTM C231		70			mperature (°F): <b>80</b>	ASTM C172	Wet Weight (p.c.f.):	
FIELD	Air Content (% by vol.):	Molded and Cu	_		:	Tested to ASTM C-39:			M C-39:	
ш	***	✓ Yes 🗌 No 🔲 Unknown						✓ Yes	☐ No	
	Location of Concrete F	1st Po	ur for Mu	d Slab						
	V									
		DATE RECEIVED IN LAB		AGE (days)	DIA (in.)	AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY
	A	09/19/23	09/25/23	7	4.02	12.69	47,870	3770	5	
	В	09/19/23	10/16/23	28						
	С	09/19/23	10/16/23	28						
	D E	09/19/23	HOLD	Н						
	F									
	G									
REMARKS										
					25 m					
ince material hould be exe	ts presented in this report are speciest was performed in accordance is conditions can vary between test recised with time, sound judgement to the date. This report about the left had been between the conditions and the conditions are the date.	with generally accepted me llocations and change with the thick should be exercised with n	thods and standards lime, sound judgement egard to the use and	then 1 in. [25 mm] of through			end, verti	Type 2 med cone on one cal dradks running th daps; no well- cune on other end	through	Type 3 er vertical cracking both ends, no well- armed cones
terpretation of the data. This report shall not be reproduced without prior approval of the author.								p	annimi.	
				Crae te	Type 4 jonal fracture cking through in with ham linguish from	h ends; her lo	Side fract bottom (oc with unb	San	WE MX	A Spinted
Respec	tfully Submitted,			4/1				1/13/14	CEN	SEVI
CAL-TE	CH TESTING, INC.					R	eviewed By: Licensed.	Florida No.:	N <sub>R5</sub> A5	50
								Date:	7/2//2	*
								11 3	4 44	0= 1 8



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FILE NO.:							
	23-00297-01						
CYLINDER SET NO.:							
	17						
LAB NO.:	442						

Client:		Stellar, 2900										
Project	Name:	US Cold Stora	age - Building	Expa	nsion Ph	ase III						
Project	:Location:	Lake City, FL										
Project	Contractor:	Stellar						1cc: Client		1cc: File		
Concre	ete Supplier:	Columbia Rea	dy Mix Conc	rete				Report Date		10011110		
Z	Specified Strength for	Structure:			Slump (in	nches):		Air Content (p				
. A		psi:	3000			7-9						
Z	Mix Type:	days:	28		<u> </u>							
29	Viix Type.  ✓ Normal Wt.		Lightweight	☐ Mor	tar Mix	Pump Mix	Grout	Other:				
DESIGN	Plasticizer Added:			No	CAI PILX	If "Yes",	At Plant	At Jobsite				
	Date:		Time Concrete		1:		ete Sampled:		Sampled By:			
1	09/18/	(23		200		Time conc.	10:50 AM		ACCOUNT OF THE PARTY OF THE PAR	Handela.		
∢				===						Hopkins		
DATA	Concrete Truck No.:		Ticket No.:			Size of Load	d (c.y.): <b>10</b>		Weather Cond	ditions: Sunny		
8	Extra Water Added at	Job Site:		Yes [	√ No If	"Yes" gal.:			Extra Water A			
LAB						c.y.:	HER.					
	Plasticizer Added at Jo				c.y.:							
	Slump (inches): 10.5		Air Temperatur	e (°F): <b>79</b>		Concrete Te	emperature (°F): 82	: ASTM C172	Wet Weight (p	o.c.f.):		
FIELD	Air Content (% by vol.):		Molded and Cu		STM C-31		02	Tested to ASTM C-39:				
農	Mark (				✓ Yes					□ No		
İ	Location of Concrete F	Placement:		Yes No Unknown Yes No  1st Pour for Mud Slab								
		io contone.		13(10)	ui ioi iviu	Jiab						
SP	PECIMEN I D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE		PECIMEN SIZE	TOTAL LOAD	TEST STRENGTH	TYPE OF	TENTED BY		
	Α	09/19/23	09/25/23	(days)	DIA. (in.) 4.02	12.69	(pounds) 34,820	(p,s,i,) 2740	FRACTURE 5	TESTED BY		
	В	09/19/23	10/16/23	28	7.02	12.03	34,020	2740	3			
	С	09/19/23	10/16/23	28			+					
	D	09/19/23	HOLD	H			1					
	E			<del>-</del>								
	F											
	G											
REMARKS:						- 1 m 125 r	nm)	20 02 00 00				
						$\times$	[]			$\Pi\Pi$		
				/	$\sim$			1 m		DM = DM		
he test result:	s presented in this report are spec	cific only to the samples test	ed at the time of		Type 1			Type 2		Type 3		
ince material	est was performed in accordance v conditions can vary between test	locations and change with t	ime, sound judgement	con-	es on both e sen 1 in. [25 acking throu	ill-formed inds, loss mm] of	ena, verti throug	med cone on one cal cracks running h caps, no well- cone on other end	through	Type 3 ar vertical cracking both ends, no well- amed conss		
hould be exer	rcised with time, sound judgement of the data. This report shall not be	I should be exercised with re	egard to the use and			gii caps	Edition (	some on owner end				
		,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
				\			1	, munimum	Dellin.			
					Type 4	-1:		VIDE 5	min = M	ARPANIA		
				CT B	cking through with being	shends:	Side fract bottom (ac with unb	congratanos)	MAN E M	VS		
Respect	tfully Submitted,			dist	ingsush from	ype 1		A CLEON	W /10-1	0.1		
	CH TESTING, INC.						Reviewed By:	1 January	No. 6	550		
						Т		Florida Not.	6555	*		
								Date:				
								1 10		1.5		