

### **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.:					
	87				
LAB NO.:	561				

	Control of the Contro	COMP RES					REIE II	.31 3FEC	PIMEIAS		
Client:		Stellar, 2900 Hartley Road, Jacksonville, FL 32257 US Cold Storage - Building Expansion Phase III									
Project	Name:	US Cold Stora	ige - Building	Expa	nsion Ph	ase III					
Project Location: Lake City, FL											
Project	Contractor:	Stellar						1cc: Client		1cc: File	
	te Supplier:	Columbia Rea	dy Mix Conc	rete				Report Date:			
DATA	Specified Strength for		4000		Slump (ir	nches):		Air Content (p	ercent):		
DA		psi: days:	4000 28			4-6					
Z	Міх Туре:		— <del></del>								
DESIGN	✓ Normal Wt.	l	ightweight	Mor	rtar Mix	Pump Mix	Grout	Other:			
DE	Plasticizer Added:		Yes	No		If "Yes",	At Plant	At Jobsite			
	Date:		Time Concrete	Batched	di	Time Concre	ete Sampled:		Sampled By:		
	11/07/	23	2:1	1 AM			3:00 AM		l. c	arignan	
Δ	Concrete Truck No.:		Ticket No.:			Size of Load	l (c.y.):		Weather Cond	ditions:	
DATA	72		14	5288			10				
9	Extra Water Added at	Job Site:		Yes [	√ No If	"Yes" gal.:	ATT SE		Extra Water A	uthorized by:	
LAB	Plasticizer Added at Jo	oh Site: gal :			c.y.:	c.y.:	#### /				
and	Slump (inches):		Air Temperature	e (°F):	G.y		mperature (°F):	ASTM C172	Wet Weight (p	o.c.f.):	
a D	5.5			52			73				
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cured to ASTM C-31:							M C-39:	
正			✓ Yes □ No			Unknown			✓ Yes		
	Location of Concrete F	Placement:		Northe	ast Parki	ng Lot Pour	230 yds				
			-								
SI	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	
	A	11/09/23	11/14/23	7	4.02	12.69	64,700	5100	4		
	B C	11/09/23	12/05/23	28	4.02	12.69	86,760	6840	4		
	D	11/09/23 11/09/23	12/05/23 HOLD	28 H	4.02	12.69	95,350	7510	4		
	E	11/09/23	HOLD	п		-	<del> </del>			-	
	F										
	G										
REMARKS	k.		-				ninj			-	
						$\times$				$\mathbb{Z}(\Omega)$	
					$\wedge$			1 /		I ANT	
	lts presented in this report are spe			Po	Type :	1 N races of	Mint for	Type 2 med cone on one	Cakenn	Type 3 las vertical cracking both ends, no well-	
Since materia	test was performed in accordance al conditions can vary between test	l locations and change with	time, sound judgement	CO I	nes on both hen 1 in. [25 racking throu	ends, loss imm) of	end, vert throug	ical cracks running in caps, no well- cone on other end	te	both ends, no well- ormed cones	
	ercised with time, sound judgemen of the data This report shall not b					7					
								1			
						7		JA			
			Dua	Type 4 gonal fractur scking through	e with no	Side frac bottom (o	tures symple or	THE SHIP OF THE SH	Hillings 6 or to Typhys but end		
_				1	np with ham	mer to	with with	11	MINE	MARC	
Respectfully Submitted,								( 11/1/18	JA CICE	NSKIN	
CAL-TECH TESTING, INC.						F	Reviewed By:			0	
							Licensed,	Florida No.:	2:/6/22	0550 *: [	
								Delga	40100	<b>→</b> ; ★ [	
									STAT	E OF 🏸	



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FILE NO.:						
	23-00297-01					
CYLINDER SET NO.:						
	88					
LAB NO.:	562					

	TECHNICAL	COMPRES	SIVE STI	KENC	STH O	F CONC	RETE TE	ST SPEC	IMENS			
Client:		Stellar, 2900 Hartley Road, Jacksonville, FL 32257										
Project	Name:	US Cold Stora	ge - Building	Expar	nsion Ph	ase III						
Project	Location:	Lake City, FL										
Project	Contractor:	Stellar						1cc: Client		1cc: File		
	te Supplier:	Columbia Rea	ete				Report Date:					
Ϋ́	Specified Strength for Structure:				Slump (in	nches):		Air Content (pe	ercent):			
DATA		psi: days:	4000 28		ł	4-6		-	110			
	Міх Туре:							5				
ESIGN	✓ Normal Wt.	[	ightweight	Mor	tar Mix	Pump Mix	Grout	Other:				
DE	Plasticizer Added:	[	Yes 🗸	No		If "Yes",	At Plant	At Jobsite				
	Date:		Time Concrete	Batched	d:	Time Concre	te Sampled:		Sampled By:			
	11/07/	23	2:5	4 AM			3:30 AM		1. C	arignan		
₹	Concrete Truck No.:		Ticket No.:			Size of Load	(c.y.):		Weather Cond	ditions:		
DATA	68		14	5292			10 cy			(3448)		
ВГ	Extra Water Added at	Job Site:	□ \	res [	√ No If	"Yes" gal.:	1000		Extra Water A	uthorized by:		
LAB	Plasticizer Added at Jo	oh Site: gal :			TO V	c.y.:						
and	Slump (inches):		Air Temperature	e (°F):	c.y.:		mperature (°F):	ASTM C172	Wet Weight (p	o.c.f.):		
	5			51			70		3(	5.000		
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cui	red to A	STM C-31	:			Tested to AST	M C-39:		
☶	222			✓ Yes					✓ Yes	☐ No		
	Location of Concrete F		Northe	east Parki	ng Lot Pour 2	230 yds						
s	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	11/09/23	11/14/23	7	4.02	12.69	64,750	5100	4			
	В	11/09/23	12/05/23	28	4.02	12.69	87,960	6930	4			
	С	11/09/23	12/05/23	28	4.02	12.69	96,610	7610	4			
	D	11/09/23	HOLD	Н		-						
	Ε											
	F											
	G											
REMARKS	<b>:</b>			E	$\neg$	- 1 In 120 m	····)	1 1777		пп		
					$\times$		1			NYN I		
	Its presented in this report are spe test was performed in accordance			Re	Type resonably wi nes on both	ell-formed onds, less	end, ver	Type 2 med cone on one ical cracks running	through	Type 3 ner verticel cracking both ends, no well-		
	al conditions can vary between tes ercised with time, sound judgemer	•		c	than 1 in [25 racking thro	ugh caps	throug Defined	th caps, no well- cone on other end		ormed cones		
nterpretation	of the data. This report shall not t	pe reproduced without prior	approval of the author		[	7						
							-	1				
						7	, t	A	- 20	L		
				QF.	Type a gonal fractu acking throu	gh ends:	Side frac bottom (d with un	seur/dy/hybniy	THE STATE OF THE S	grider s but end		
Doctor	tfully Submitted			ctie	tap with ham slinguish from	n Type 1	07.575.1377.0	1/1	- Hiller	C A MAN		
-	etfully Submitted,					Б	laviawad P	( Will	AF-/ICI	ENSS V		
CAL-IE	ECH TESTING, INC.					K	Reviewed By: Licensed		. 08550	P5050		
							Liceriseu	Date	12/6/23	0030U V		
								11 17		*		
									STAT	E OF		



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FILE NO.:						
	23-00297-01					
CYLINDER SET NO.:						
	89					
LAB NO.:	563					

Client:		Stellar, 2900 Hartley Road, Jacksonville, FL 32257									
Project	Name:	US Cold Stora	ige - Building	Expar	nsion Ph	ase III					
Project	Location:	Lake City, FL									
Project	Contractor:	Stellar						1cc: Client		1cc: File	
	te Supplier:	Columbia Rea	dy Mix Concr	ete				Report Date:			
<b>₽</b>	Specified Strength for		4000		Slump (ir	iches):		Air Content (p	ercent):		
Δ		psi: days:	4000 28			4-6		54			
Z	Міх Туре:	dayo.									
DESIGN DATA	✓ Normal Wt.	l	_ightweight	Mor	tar Mix	Pump Mix	Grout	Other:			
DE	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite			
	Date:		Time Concrete	Batched	l:	Time Concre	ete Sampled:		Sampled By:		
	11/07/2	23	3:5	2 AM			4:25 AM		l. C	arignan	
and LAB DATA	Concrete Truck No.:		Ticket No.:	5297		Size of Load	d (c.y.): <b>10 cy</b>		Weather Cond	litions:	
3 D	Extra Water Added at	Job Site:			√ No If	"Yes" gal.:	***		Extra Water A	uthorized by:	
Ā						c.y.:				Market ()	
1 p	Plasticizer Added at Jo			(05)	c.y.:		u				
	Slump (inches): 5	ASTM C143	Air Temperature	∋ (~⊢): <b>51</b>		Concrete 16	emperature (°F): 70	ASTM C1/2	Wet Weight (p	o.c.f.):	
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cur		STM C-31	:	70		Tested to AST	M C-39:	
끝	-	✓ Yes No Unk				Unknown			No		
	Location of Concrete F	Placement:		Northe	ast Parki	No Unknown Parking Lot Pour 230 yds				_	
					aot i airti	ng Lot i oui	Loo yus				
SF	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAB	DATE TESTED	AGE (days)	TEST Si DIA, (in.)	PECIMEN SIZE AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY	
	Α	11/09/23	11/14/23	7	4.02	12.69	59,660	4700	4		
	В	11/09/23	12/05/23	28	4.02	12.69	94,730	7460	4		
	С	11/09/23	12/05/23	28	4.02	12.69	90,550	7140	4		
	D	11/09/23	HOLD	Н							
	E										
	F										
	G								ļ		
EMARKS						25.00. (25.0					
sting. The t nce materia nould be exe	ts presented in this report are spec est was performed in accordance v il conditions can vary between test ercised with time, sound judgement	with generally accepted me locations and change with I should be exercised with r	thods and standards, time, sound judgement egard to the use and	t t	than 1 in. [25 mm] of thr			Type 2 med cone on one cal cracks running h caps, no wall- cone on other end	through	Type 3  Type 3  both ends, no well-  med cones	
terpretation of the data. This report shall not be reproduced without prior approval of the author.											
				A	Type 4 Diagonal fracture with no cracking through ends: bottom to with harmer to distinguish from Type 1			ype 5 Lures a April or Cur of Thomas Congress (18)	WILE.	MARONI,	
Respectfully Submitted, CAL-TECH TESTING, INC.						F	Reviewed By:	(Alug	LICE	NS NS AVIII	
							Licensed,	Florida No.:	66550	5550	
								/ Dage:	2:16/23	<b>*</b>	
								"	STAT	OF !	



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FILE NO.:						
	23-00297-01					
CYLINDER SET NO.:						
	90					
LAB NO.:	564					

Client:		Stellar, 2900 h	Hartley Road	Jacks	onville l	FI 32257				
	: Name:	US Cold Stora								
	Location:	Lake City, FL	ige - building	Lxpai	131011111	a36 III				
	Contractor:	Stellar						1cc: Client		1cc: File
Concre	te Supplier:	Columbia Rea	dy Mix Concr	ete				Report Date:		1007 1 110
4	Specified Strength for	Structure:	ay mix conor	0.0	Slump (ir	nches):		Air Content (p		
ΙĄ		psi:	4000			( <del>* * * *</del>		Ι.		
	Mix Type:	days:	28							
DESIGN	Normal Wt.	□ 1	ightweight	Mor	tar Mix	Pump Mix	Grout	Other:		
DE	Plasticizer Added:		Yes 🗸	No		If "Yes",	At Plant	At Jobsite		
	Date:		Time Concrete	Batched	l:	Time Concre	te Sampled:		Sampled By:	
	11/07/	23	4:3	6 AM			5:36 AM		1. C	arignan
DATA	Concrete Truck No.:		Ticket No.:	5302		Size of Load	(c.y.): 10 cy		Weather Cond	ditions:
) D	Extra Water Added at	Job Site:			√ No If	"Yes" gal.:			Extra Water A	uthorized by:
and LAB						c.y.:				
<u> </u>	Plasticizer Added at Jo		A: = .	(0.5)	c.y.:		(05)	A OTT 4 O 4 70	101 1101 1111	C V
	Slump (inches):	ASTM C143	Air Temperature	e (~⊢): <b>50</b>		Concrete Ler	mperature (°F): 71	ASTM C172	Wet Weight (p	o.c.t.):
FIELD	Air Content (% by vol.):	ASTM C231	Molded and Cui		STM C-31	:			Tested to AST	TM C-39:
분				✓ Yes	☐ No	Unknown	1		✓ Yes	No
	Location of Concrete F	Placement:		Northe	ast Parki	ng Lot Pour 2				
							,			
s	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	11/09/23	11/14/23	7	4.02	12.69	62,610	4930	4	
	В	11/09/23	12/05/23	28	4.02	12.69	94,420	7440	4	
	C	11/09/23	12/05/23	28	4.02	12.69	92,080	7260	4	
	D	11/09/23	HOLD	Н						
	E F									<del> </del>
	G									
REMARKS							I .	<u></u>		1
	•				$\times$	X				
esting. The Since materia	Its presented in this report are spe test was performed in accordance al conditions can vary between test ercised with time, sound judgemen	with generally accepted me Locations and change with	thods and standards time, sound judgement	12120	than 1 in, (25 mm) of three			Type 2 med cone on one ical cracks running th cups, no well- cone on other end		Type 3 sar vertical cracking both ends, no well- ormed cones
	of the data. This report shall not b					7				
								12	HILLIAM E	
					Type 4	in with no	Side frac	X200 F	Jun Cam	MARS
				Cra	scking through the with ham tinguish from	gh ends: mer la	bottom to with (in)	confus China	Marin M.	E NIO
-	tfully Submitted,			LILITER				( King	M. Jo	O
CAL-TE	ECH TESTING, INC.					R	eviewed By:	Florida Ng.:	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	65550
							Licensed	Date:	65550	* :*
								1	SIA	TE OF /o-
								1	20.16	OF HE



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FILE NO.:						
	23-00297-01					
CYLINDER SET NO.:						
	91					
LAB NO.:	565					

Client:		Stellar 2900	Hartley Road	Jacks	sonville	FL 32257				
	t Name:	US Cold Stor								
1	t Location:	Lake City, FL		,						
	t Contractor:	Stellar						1cc: Client		1cc: File
	ete Supplier:	Columbia Re	adv Mix Conc	rete				Report Date		100. 1110
	Specified Strength fo	or Structure:	and mine of the		Slump (ir	nches):		Air Content (p		
DATA		psi:	4000	4000						
Z	Mix Type:	days:	28			4-6				
DESIGN	✓ 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:	
	11/07	//23	4:	55 AM			6:05 AM		I. C	Carignan
DATA	Concrete Truck No.: 72		Ticket No.:	45304		Size of Load	(c.y.); 10 cy		Weather Cond	ditions:
В	Extra Water Added a	t Job Site:		Yes [	√ No If	"Yes" gal.:			Extra Water A	uthorized by:
LAB	Plasticizer Added at a	I-L Charles In			Dr zwin-	c.y.:			-	12025
and	Slump (inches):	ASTM C143	Air Temperatur	- (°F).	c.y.:		mperature (°F)	· ACTM C172	Mot Maight (r	o f ):
) a	5	,				Concrete 16	72	F): ASTM C172   Wet Weight (p.c.f.):		
FIELD	Air Content (% by vol.):	Molded and Cured to ASTM C-31:					Tested to ASTM C-39:		M C-39:	
豆	1 <del>000</del> .		✓ Yes					✓ Yes ☐ No		
	Location of Concrete	Placement:		Northe	east Parki	ng Lot Pour 2	30 yds		-	
			т		1		,			
S	PECIMEN I.D. LAB NO.	DATE RECEIVED IN LAI		AGE (days)	DIA (in.)	AREA (sq. in.)	TOTAL LOAD (pounds)	TEST STRENGTH (p.s.l.)	TYPE OF FRACTURE	TESTED BY
	A	11/09/23	11/14/23	7	4.02	12.69	66,630	5250	4	
	В	11/09/23	12/05/23	28	4.02	12.69	97,220	7660	4	
	С	11/09/23	12/05/23	28	4.02	12.69	103,060	8120	4	
	D	11/09/23	HOLD	Н				5		
	E F	-		-						
	G									
REMARKS		1		_				<u> </u>		L
					12h mmy			J III		
esting. The i	Ils presented in this report are spi lest was performed in accordance il conditions can vary between tes ercised with time, sound judgeme	e with generally accepted m st locations and change with	ethods and standards.  n time, sound judgement	COT	cones on both ands, loss end, ve than 1 in. [25 mm] of throu			Type 2 med cone on one lical cracks running th caps, no well- cune on other end	g through to	Type 3 ser verticel crecking both ends, no well- omred cones
interpretation of the data. This report shall not be reproduced without prior approval of the author.							Type of The State	min	THE PARTY OF THE P	
_						e with no th ends; mer to Type 1	Side frac bottom to with uni	tures at top or	THINN E	MARC
	tfully Submitted, CH TESTING, INC.					Đ	eviewed By:	China	MAN MIC	DENS TO
· <b>-</b>						K	Licensed,		65550	65550
								P17	+ 1 00000	