West Virginia South

Garage Restoration 2021, OAA Project CEB 21-03

Main-Contractor: Rostocon Corporation



HSE CONTRACTORS INC.

CPM SCHEDULING CONSULTANTS

Rev -Narrative Report Baseline Schedule

Notice to Proceed

Substantial Completion

Final Completion

June 15th, 2021 October 17th , 2022

December 9th, 2022

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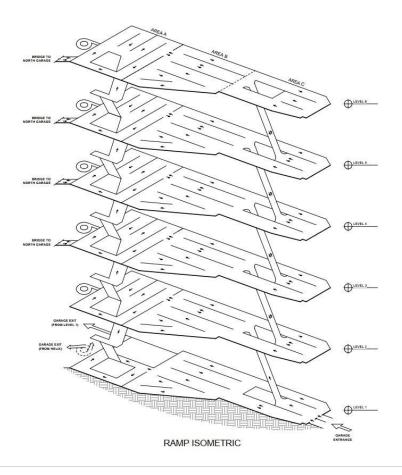
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1. Introduction:

The project scope is for the restoration of six stories garage of the Eppley airfield south.

2. Project Description

This work will include general, construction, APGS, signage mechanical, and electrical work as required to complete the project titled South Garage Restoration 2021, CEB 21-03 at Eppley Airfield



3 - Scope of Work

The project includes activities in the following trades:

- Concrete Works
- Masonry Work
- Metals
- Carpentry
- Roofing
- Piping
- Specialties
- Plumbing
- Heating, Ventilating and Air Conditioning (HVAC)
- Electrical
- Single Space Automated Parking Guidance System (APGS)
- Vehicular Signage

SGR - CI	BE21-3	421	13-Apr-21	09-Dec-22	0
	s and Milestones	421	13-Apr-21	09-Dec-22	0
KM011	NTA	0	13-Apr-21		0
KM001	NTP	0	15-Jun-21		20
KM002	Substantial Completion	0		17-0ct-22*	0
KM003	Final Completion	0		09-Dec-22	0

5 - Project Phasing

The Project will have 12 phases in the construction phase. The sequence would be from the top down till phase 12 which would be equivalent to level 1 in the garage. Each phase will start with the space capture followed by the demolition and concrete repairs, then the MEP activities and finally the finishes in each phase where all these activates lead to the "pre-requisite" which is the inspection phase that would take place in the start of the next phase.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SGR - C	BE21-3	421	13-Apr-21	09-Dec-22	0
• Keydate	es and Milestones	421	13-Apr-21	09-Dec-22	0
Procurm	nent	192	13-Apr-21	09-Dec-21	0
- Constru	iction	325	21-Jun-21	29-Sep-22	0
😑 Phase P	Plan	325	21-Jun-21	29-Sep-22	0
	1 "Helix"	125	21-Jun-21	17-Dec-21	1
🗉 Phase	2A	82	25-Aug-21	22-Dec-21	1
Phase	2B	41	07-Oct-21	07-Dec-21	1
🗉 Phase	3	41	16-Nov-21	18-Jan-22	1
E Phase	4	40	29-Dec-21	24-Feb-22	1
Phase	5	36	07-Feb-22	29-Mar-22	1
Phase	6	31	18-Feb-22	04-Apr-22	0
🗉 Phase	7	49	23-Mar-22	01-Jun-22	0
🗉 Phase	8	40	06-May-22	05-Jul-22	42
🗉 Phase	9	26	21-Jun-22	28-Jul-22	0
	10	26	15-Jul-22	22-Aug-22	0
Phase	11	28	09-Aug-22	19-Sep-22	0
🗉 Phase	12 - Level 1 -	19	01-Sep-22	29-Sep-22	0
+ Close-C	Dut	12	29-Sep-22	17-0ct-22	0

<u>6 - Calendars</u>

Standard (Assigned for all construction activities) which is 5 Workings Days with the Federal Holidays.

- Federal Holidays of 2021

Holiday Name	Day of Week	2021 Observed Date <table-cell></table-cell>
New Year's Day	Friday	January 1st, 2021
Birthday of Martin Luther King, Jr.	Monday	January 18th, 2021
Washington's Birthday (12 days)	Monday	February 15th, 2021
Memorial Day	Monday	May 31st, 2021
Independence Day †	Monday	July 5th, 2021
Labor Day	Monday	September 6th, 2021
Columbus Day	Monday	October 11th, 2021
Veterans Day	Thursday	November 11th, 2021
Thanksgiving Day	Thursday	November 25th, 2021
Christmas Day †	Friday	December 24th, 2021

- Federal Holidays of 2022

Holiday Name	Day of Week	2022 Observed Date 😡
New Year's Day †	Friday	December 31st, 2021
Birthday of Martin Luther King, Jr.	Monday	January 17th, 2022
Washington's Birthday (12 days)	Monday	February 21st, 2022
Memorial Day	Monday	May 30th, 2022
Independence Day	Monday	July 4th, 2022
Labor Day	Monday	September 5th, 2022
Columbus Day	Monday	October 10th, 2022
Veterans Day	Friday	November 11th, 2022
Thanksgiving Day	Thursday	November 24th, 2022
Christmas Day †	Monday	December 26th, 2022

7- Working Hours

Hours per Time	Period		
Specify the nur	mber of work ho	ours for each tir	ne period.
Hours/Day 8.0	Hours/Week 40.0	Hours/Month 172.0	Hours/Year 2000.0

8- Critical Path

The critical path starts with the preparing and submittal of traffic assist, signage and waterproofing materials through their review and approve and fabricate and deliver. Then the path would be in phase 1 in traffic assist installation and signage then it would lead to pre-requisite of phase 1 in the start of phase 2. Then the "sign placement and space capture" of phase 2 followed by the demolishing and concrete repairs and their respective finishes. After phase 2 the path will lead to phase 3 with similar path as the previous phase and this will be applied to all the upcoming phases till phase 12. Finally, the pre-requisite activities will lead to the punch list and the substantial completion.

wity ID	Activity Name	Original Duratic	on Start	Finish	Total	2021 2022	
					Float	Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	Oct Nov Dec SGR - CBE21-3, 17-0
SGR - CBE	21-3	384	13-Apr-21	17-Oct-22	0		
Keydates a	and Milestones	384	13-Apr-21	17-Oct-22	0		Keydates and Milesto
KM011	NTA	0	13-Apr-21		-1	NTA	
KM002	Substantial Completion	0		17-Oct-22*	0		Substantial Completion
Procurmen	nt	192	13-Apr-21	09-Dec-21	0	Procument, 09-Deo-21	
Prepare an	nd Submit	45	13-Apr-21	08-Jun-21	0	Prepare and Submit, 08-Jun-21	
A1110	Traffic Signs	14	13-Apr-21	30-Apr-21	0	Traffic Signs	
A1090	Parking Assist Materials	14	19-May-21	05-Jun-21	0	Parking Assist Materials	
A1080	Signage Materials	14	22-May-21	08-Jun-21	0	Signage Materials	
Review an	nd Approve	104	20-Jun-21	28-Oct-21	0	Review and Approve, 28-Oct-21	
A1120	Traffic Signs	21	20-Jun-21	16-Jul-21	0	Traffic Signs	
A1160	Signage Materials	21	16-Aug-21	11-Sep-21	0	Signage Materials	
A1190	Parking Assist Materials	21	02-Oct-21	28-Oct-21	0	Parking Asset Maferials. Fabricate and Deliver, 09-Dec-21	
Fabricate a	and Deliver	116	17-Jul-21	09-Dec-21	0	Pabricate and Deliver, 09-Dec-21	
A1230	Traffic Signs	28	17-Jul-21	20-Aug-21	0	Traffic Signs	
A1300	Parking Assist Materials	28	29-Oct-21	02-Dec-21	0	Parking Assist Materials	
A1290	Signage Materials	28	04-Nov-21	09-Dec-21	0	Signage Materials	Construction, 29-Sep-22
Constructi	on	281	20-Aug-21	29-Sep-22	0		
Phase Plan	n	281	20-Aug-21	29-Sep-22	0		Phase Plan, 29-Sep-22
Phase 1 "	Helix"	84	20-Aug-21	21-Dec-21	0	Phase 1 Helix", 21-Dec-21	
	ement and Space Capture	84	20-Aug-21	21-Dec-21	0	Sign Placement and Space Capture, 21-Dec-21	
Level 5 Ra	Construction and the second construction of the second second	13	02-Dec-21	21-Dec-21	0	Level 5 Ramp, 21-Deo-21	
Finishes		13	02-Dec-21		0	Finishes, 21-Deo-21	
A1370	Traffic Assist Installation	7	02-Dec-21	13-Dec-21	0		
A1380	Signage Works	5	14-Dec-21	21-Dec-21	0	Traffic Assist Installation	
-	Partially Ramp	7	20-Aug-21	31-Aug-21	0	Level 3/ Pantally Ramp. 31-Aug-21	
Finishes		7	20-Aug-21	31-Aug-21	0	Finishes, 31-Aug-21	
A1520	Traffic Assist Installation	7	20-Aug-21	31-Aug-21	0	Torific Applet Installation	
Phase 2A		84	25-Aug-21	27-Dec-21	0	Phase 2A, 27-Dec-21	
Pre-requi	The set of	3	21-Deo-21	27-Dec-21	0	Pre-regulate, 27-Deo/21	
A2920	Phase 1 Inspection	3		27-Dec-21	0		
	ement and Space Capture	34	25-Aug-21	13-Oct-21	0	Phase 1 Inspection Sign Placement and Space Capture, 13-Oct-21	
A2550	Sign Placement & Space Capture	0	25-Aug-21		0		
Levels		34	25-Aug-21	13-Oct-21	0	Sign Placement & Space Capture Levels, 13-0d-21	
Level 6		34	25-Aug-21	13-Oct-21	0	Level 6, 13-Oct-21	
Area B		34	25-Aug-21	13-Oct-21	0	Area B, 13-Oct-21	
	te Works	10	25-Aug-21	09-Sep-21	0	Congrete Works, 09-Sep-21	
and the second s	1 Removal & Demolishing of Concrete	4	25-Aug-21	31-Aug-21	0		
	1 Concrete Repair Works	6	31-Aug-21	09-Sep-21	0	Removal & Demolishing of Concrete:	
Finishes		24	09-Sep-21	13-Oct-21	0	Concrete Repair Works Finishes, 13-Oct-21	
A1700	Masonry Repair Works	5	09-Sep-21	16-Sep-21	0	Masonry Repair Works	
A1710	Waterproofing Works	8	16-Sep-21	28-Sep-21	0	Waterproofing Works	
A1720	Painting Works	4	28-Sep-21	04-Oct-21	0	Painting Works	
A1730	Traffic Assist Installation	7	04-Oct-21	13-Oct-21	0		
Phase 2B		32	07-Oct-21	22-Nov-21	0	Trafic Assist Installation Phase 28; 22-Vio-21 Shine Desement and Share Cantus 22.44-27	
Sign Place	ement and Space Capture	32	07-Oct-21	22-Nov-21	0	Sign Placement and Space Capture, 22-Nov-21	
A2900	Sign Placement & Space Capture	1	07-Oct-21	08-Oct-21	0		
Levels		31	08-Oct-21	22-Nov-21	0	J. Sign Placement & Space Capture Levels, 22-Nov-21	
Level 5		31	08-Oct-21	22-Nov-21	0	Level 5, 22-Nov-21	

уD	Activity Name	Original Duration	n Start	Finish	Total	12		202	21		(u	11. 							2022	- 100			M	
					Float	Apr	May Ju	n	Jul A	wg Sep	Oct	No	v Dec	Jan Fe	b Mar	Ap	or Mag	y Ju	n Jul	Au) Sep	Oct	Nov	De
Area A		4	08-Oct-21	14-Oct-21	0	T		1				ea A, 1	4-Oct-21											
Concrete	Works	4	08-Oct-21	14-Oct-21	0	1			*******	**********	- 00	ncrete	Works, 14-OC	1-21			****				000000000000000000000000000000000000000		*******	*****
	Removal & Demolishing of Concrete	4	08-Oct-21	14-Oct-21	0	1		····•	*******	**********			2 Damalahlar							******				
Area B		31	08-Oct-21	22-Nov-21	0						in re	enuvai	& Demolishing Area B, 22	Nov-21	*****					*******		1		
Concrete	Works	10	08-Oct-21	22-Oct-21	0			in in the second se								- frim				******	*******	· • · · · · · · · · · · · · · · · · · ·		
	Removal & Demolishing of Concrete	4	08-Oct-21	14-Oct-21	0			····•	*******						*******									
	Concrete Repair Works	6	14-Oct-21	22-Oct-21	0	-			********	******		moyal	& Demotishing	or concrete	******	******	****		***	******			******	
Finishes		21	22-Oct-21	22-Nov-21	0	1		- de			.	Concre	te Repair Wor Finishes, 2	ks 2-Nov-21		-free						-{		
A1800	Masonry Repair Works	5	22-Oct-21	29-Oct-21	0	-			*******	*****		******			*****								*******	
A1810	Waterproofing Works	5	29-Oct-21	05-Nov-21	0	-							onry Repair W											
A1820	Painting Works	4	05-Nov-21	11-Nov-21	0	1		····					aterproofing V			- i			····			- į		
A1830	Traffic Assist Installation	7	11-Nov-21	22-Nov-21	0			····;			·······		Painting Work			······						· · · · · · · ·		
		32	16-Nov-21	04-Jan-22	0	-			******				Traffic Ass	st Installation Phase 3, 04	4-Jan-22									
Phase 3								····						Sign Placen	nent and S	nana Ca	ntin M.	lan.22						
	ment and Space Capture	32	16-Nov-21	04-Jan-22	0									*************										
A2910	Sign Placement & Space Capture	1	16-Nov-21	17-Nov-21	0							1	Sign Placent	ent & Space C Level 4, 04-	apture									
Level 4		31	17-Nov-21	04-Jan-22	0			. d.						Level 4, 044	Janzz	n Data						.l		22222
Area A		4	and the second second second	23-Nov-21	0								Area A 23	-N0V-21		n heer								
Concrete	Works	4	17-Nov-21	23-Nov-21	0			. 1			Accession		Concrete V	Vorks, 23-Nov-	21	1						1		
CP1L1151	Removal & Demolishing of Concrete	4	17-Nov-21	23-Nov-21	0																			
Area B			17-Nov-21	04-Jan-22		100					1			Area B, 04-	Jan-22	a Kara			1					
Concrete	Works	10	17-Nov-21	03-Dec-21	0								Concret	e Works, 03-D	leo-21	1								
OP1L1261	Removal & Demolishing of Concrete	4	17-Nov-21	23-Nov-21	0						S		Removal &	Demolishing o	of Concrete	1						3		
CP1L1271	Concrete Repair Works	6	23-Nov-21	03-Dec-21	0	1		1			1					1						1		
Finishes		21	03-Dec-21	04-Jan-22	0						1			e Repair Work Finishes, 04	Jan-22	1						1		
A1900	Masonry Repair Works	5	03-Dec-21	10-Dec-21	0	11			**********				More	nry Repair Wo	vive	1		*******					*******	
A1910	Waterproofing Works	5	10-Dec-21	17-Dec-21	0	1								iterproofing We								1		*****
A1920	Painting Works	4	17-Dec-21	23-Dec-21	0			1			1			ainting Works								1		
A1930	Traffic Assist Installation	7	23-Deo-21	04-Jan-22	0						1											1		
Phase 4		31	29-Dec-21	11-Feb-22	0	1		1					-	Traffic Assis	Phase 4, 1	1-Feb-2	2					1		
	ment and Space Capture	31	29-Deo-21	11-Feb-22	0			····			din and				Sign Place	ment ar	nd Space (apture,	11-Feb-22					
A2930	Sign Placement & Space Capture	1	29-Dec-21	30-Dec-21	0											1.1						- į	*******	11111
Level 3		31	29-Dec-21	11-Feb-22	0	1							<u>t</u>	Sign Placeme	Level 3, 11	-Feb-22	e					÷		111111
Area A		4	29-Dec-21		0						-			Area A. 04-	Jan-22	1.00				03070000		÷	00000000	0003557
International In		4	29-Dec-21	04-Jan-22	0									Concrete W	lorks 04-la	n-22								
Concrete		4	29-Dec-21	04-Jan-22	0	-					4											4		
	Removal & Demolishing of Concrete		PO DA PORTA	1.100	10.20				*********					Removal &	Demolishin Area B 11	of Con	icrete							
Area B		31	29-Dec-21	ARTING ARTICLES	0			····							100-10-100	with some								
Concrete		10	29-Dec-21	12-Jan-22	0									Concrete	110165, 124	Jarrezz								
	Removal & Demolishing of Concrete	4	29-Dec-21	04-Jan-22	0									Removal &	Demolishin	g of Con								
And a second sec	Concrete Repair Works	6	04-Jan-22	12-Jan-22	0									Concrete	Repair Wo	rks								
Finishes		21	12-Jan-22	11-Feb-22	0										Finishes, 1	1-reb-2	2							
A1950	Masonry Repair Works	5	12-Jan-22	20-Jan-22	0									Mason	ny Repair V	orks .								
A1960	Waterproofing Works	5	20-Jan-22	27-Jan-22	0	-									erproofing .	Norks							*******	
A1970	Painting Works	4	27-Jan-22	02-Feb-22	0	-									ainting.Work									
A1980	Traffic Assist Installation	7	02-Feb-22	11-Feb-22	0										Traffic Assi		ation							
Phase 5		31	07-Feb-22	22-Mar-22	0						1			-	•							1		
Sign Placer	ment and Space Capture	- 31	07-Feb-22	22-Mar-22	0									-		Sign F	lacement	and Space	e Capture,	22-Mar-	2			
A2940	Sign Placement & Space Capture	1	07-Feb-22	08-Feb-22	0			1						1.5	Sign Placen	nent & S	Space Capt	ture						
Level 2		31	07-Feb-22	22-Mar-22	0	1		1			1			-	Sign Placen	Level	2, 22-Mar-2	22	1			1		
Area A		10	07-Feb-22	21-Feb-22	0			1	******		1			÷	Area A	21-Feb	22			*******		1	******	******
Concrete	Morke	10	07-Feb-22	21-Feb-22	0			er fr		********	1					e Works	, 21-Feb-2	2			*****		*******	120107

D	Activity Name	Original Duration	Start	Finish	Total	1.2			2021	1		111			A11							2022						
			1. C. C. C. C.	1. (A. 1997)	Float		May			Jul	Aug S	iep	Oct	Nov	Dec	Ja	an Fet	o Mar	Apr	May	Ju			Aug	Sep	Oct	Nov	
CP1I 1591	Removal & Demolishing of Concrete	4	07-Feb-22	11-Feb-22	0	T			-		-9	7				1		-	-	111111111	-							
	Concrete Repair Works	6	11-Feb-22	21-Feb-22	0	1		********	an paras		****		********	*****	******	a free and a second		Removal &							*******	*******		*****
Area B		31	07-Feb-22	22-Mar-22	0											÷		Concret	Area B,	22-Mar-22	2			*******		*******		
Concrete	Worker	14	07-Feb-22	25-Feb-22	0	1.00		*****			******			******	******	- (, 25-Feb-2	2			******		******	******	*****
	Removal & Demolishing of Concrete	4	07-Feb-22	11-Feb-22	0	100																						
	Concrete Repair Works	10	11-Feb-22	25-Feb-22	0	-						m			******			Removal &					******	******	******		*****	*****
Finishes		21	21-Feb-22	22-Mar-22	0													Concre	Finishe	r Works 3, 22-Mar-1	22							
A2100	Masonry Repair Works	5	21-Feb-22	28-Feb-22	0						********												******	********			******	
A2110	Waterproofing Works	5	28-Feb-22	07-Mar-22	0									******	******	· · · · · · ·		Maso			*******			******	******		******	*****
A2120	Painting Works	4	07-Mar-22	11-Mar-22	0											·				ng Works .								
A2130	Traffic Assist Installation	7	11-Mar-22	22-Mar-22	0				· · · · ·							÷			ainting.W					********			******	
	Think Flank Tobleton	26	25-Feb-22	04-Apr-22	0							aanija				. ģeres			Traffic /	ssist Insta ase 6, 04-/	Apr-22				••••••	******		*****
Phase 6					1.00											. .						ace Captu	une 04.	Anr-22		*******		
	ment & Space Capture	26	25-Feb-22	04-Apr-22	0						*********															******		
A2950	Sign Placement & Space Capture	1		17-Mar-22	0	-										. į		i.	Sign Plan	ement & s	Space C	apture						
Level 6		26	25-Feb-22	04-Apr-22	0	14.0										ą			-	a C. 04-A								
Area C		26	25-Feb-22		0			120022202								. į		T										
Concrete		10	16-Mar-22	30-Mar-22	0														Conc	rete Work	s, 30-Ma	1-22						
	Removal & Demolishing of Concrete	4	16-Mar-22	22-Mar-22	0				1							1			Remov	al & Demo	ishing o	f Concrete	e					
GP1L2271	Concrete Repair Works	6	22-Mar-22	30-Mar-22	0											. <u>)</u>			Conc	rete Repa	r.Works							
Finishes		26	25-Feb-22	04-Apr-22	0													-	Fin	rete Repa ishes, 04-/	Apr-22							
A2150	Masonry Repair Works	5	25-Feb-22	04-Mar-22	0				1							1		Mas	ionry Rep	air Works								
A2160	Waterproofing Works	5	04-Mar-22	11-Mar-22	0				1				///////////////////////////////////////		0.000000					ing Works	-			100000000	800000		100500000	
A2170	Painting Works	4	11-Mar-22	17-Mar-22	0														Painting	Works								
A2180	Traffic Assist Installation	7	17-Mar-22	28-Mar-22	0				1.							3				Assist Ins	tallation							
A2190	Signage Works	5	28-Mar-22	04-Apr-22	0				1							1			Sig	nage Wor	ks							
Phase 7		44	30-Mar-22	01-Jun-22	0				1							1			+		- Ph	ase 7, 01-	-Jun-22	lement				
Pre-requisi	site	3	04-Apr-22	07-Apr-22	0				1							1		**********	Pr	e-requisite	07-Apr	22						
A2620	Phase 6 Inspection	3	04-Apr-22	07-Apr-22	0			*********	1					******		1										Louisener		
Sign Placer	ment & Space Capture	44	30-Mar-22	01-Jun-22	0				1							1			-	1000, 0, 100	Sig	n Placeme	ient & S	space Ca	apture, O	1-Jun-22		
Level 4		40	05-Apr-22	01-Jun-22	0						*********											vel 4, 01-Ju	Jun-22		*******	********	111000430	******
Area C		40	05-Apr-22	01-Jun-22	0										******	1					Are	a C, 01-Ju	un-22					
Concrete	Works	14	05-Apr-22	25-Apr-22	0											·				Concre	as friends	- AP ALLY						******
	Removal & Demolishing of Concrete	4	05-Apr-22	11-Apr-22	0																	s, 25-Apr-2						
	Concrete Repair Works	10	11-Apr-22	25-Apr-22	0		*******				*******				******	÷				emoval &	Demolis	ining of Co	oncrete			******		******
Finishes	Concrete Repair Works	26	25-Apr-22	01-Jun-22	0	-					******				******	÷				Concre	te Repa	ir Works ishes, 01-	Jun-22	pressesses		******		
A2250	Masonry Repair Works	5	25-Apr-22	02-May-22	0					*******					******	deres.		*******	······		*******			******				*****
A2250	Waterproofing Works	5	02-May-22	02-May-22 09-May-22	0	-						····				. į				.Mas	10100							
A2200	Painting Works		02-May-22 09-May-22	13-May-22	0	-																fing Works	s		*******			
A2280	Traffic Assist Installation	7	13-May-22		0	-			· ····							÷			110000	B.P	- C - C - C - C - C - C - C - C - C - C					222203377	000000	201775
A2280	Signage Works	5	24-May-22	01-Jun-22	0											÷						Assist Inst		a				
Level 5	Callingle serves	31	30-Mar-22	12-May-22	0	-		******			*******			******							evel 5.	nage Worl 2-May-22	rks			*****	******	******
			30-Mar-22						den.							÷			·		ma C 1	2-May-22		191010121	ana an	20022028		
Area C		31	a management of	the second second second	0				4											Concrete V	Monks 1	3-Anr-22						
Concrete		10	30-Mar-22	a second the second	0											. ž					-una, I			2012/02/07				
	Removal & Demolishing of Concrete	4	30-Mar-22	05-Apr-22	0																	ng of Cond			·····			
	Concrete Repair Works	6	05-Apr-22	13-Apr-22	0	1														Concrete F	Repair W	lorks 12-May-22	·····		mand			
Finishes		21	13-Apr-22	12-May-22	0											<u>.</u>					rusnes,	12-may-22	4	*******				
A2200	Masonry Repair Works	5	13-Apr-22	20-Apr-22	0															Masonry	Repair	Norks						
A2210	Waterproofing Works	5	20-Apr-22	27-Apr-22	0			******								. j				Water	proofing	Works		*******			******	
A2220 A2230	Painting Works	4	27-Apr-22	03-May-22	0	1										. į				. 🔳 . Pain	ting Wo	rks						
	Traffic Assist Installation	7	03-May-22	12-May-22	0				1.1			100				1.0						sist installa			2			

y ID	Activity Name	Original Duration	Start	Finish	Total		a 12	20	21	10	- 52		100		84		19	04	779	2022	07	666	35	
				and some	Float	Apr	May	Jun	luL	Aug S	Sep	Oct	Nov D	ec	Jan Fe	b Mar	Apr	M	ay Jun	Jul	Aug Se	p Oct	Nov	Dec
Pre-requi	isite		01-Jun-22	06-Jun-22														an a	T Pre	e-requisite, C	16-Jun-22			
A2630	Phase 7 Inspection	3	01-Jun-22	06-Jun-22	0																			
Sign Place	ement & Space Capture	40	06-May-22	05-Jul-22	0			1									1	-		Sign	ction Placement & Sp	ace Capture	, 05-Jul-22	
A2970	Sign Placement & Space Capture	1	06-May-22	09-May-22	0									1					Sign Placem	nent & Snar	ce Canhure			
Level 3		40	06-May-22	05-Jul-22	0	1	0.00000000	1						1			1	-	Pagece Ideate	Level	pe Capture			
Area C		40	06-May-22	05-Jul-22	0						····)						1			Area	C, 05-Jul-22			00000
Concrete	e Works	14	06-May-22	26-May-22	0				********			+					o j co co co		Concre	ete Works, 2				
and the second se	1 Removal & Demolishing of Concrete	4	06-May-22	Sector Sector Sector	0	10.00					····•	+										····		
Contraction of the second s	1 Concrete Repair Works	10	12-May-22	26-May-22	0	1.144										*******					a of Concrete			
Finishes		26	26-May-22		0	1.11	0.00000007		5117575606	0.000000000	····•	0.000.00005	075100000	<u>÷</u>	100000000	1111000000	u je se		Concre	ete Hepair v Finish	Vorks nes, 05-Jul-22			11111
A2300	Masonry Repair Works	5	26-May-22	03-Jun-22	0	1.1.1.1																		
A2310	Waterproofing Works	5	03-Jun-22	10-Jun-22	0										*********					sonry Repair				
A2320	Painting Works	4	10-Jun-22	16-Jun-22	0															/aterproofin				
A2330	Traffic Assist Installation	7	16-Jun-22	27-Jun-22	0	- 222				*****										Painting W				
A2340	Signage Works	5	27-Jun-22	05-Jul-22	0					****		+++++++++++++++++++++++++++++++++++++++		jee							ssist Installation.	****		
Level 2	ognige minite	36	12-May-22	05-Jul-22	0												··[·····			Level	age Works 12, 05-Jul-22			
		36	12-May-22		0															Area	C, 05-Jul-22			0000
Area C		10	and the second second	A CONTRACTOR OF STREET	1.														Conors	ete Works, 2				
Concrete	the second se		12-May-22		0															DIC WORD, 2				
	1 Removal & Demolishing of Concrete	4	12-May-22	18-May-22	0				******												ning of Concrete			
	1 Concrete Repair Works	6	18-May-22	26-May-22	0														Concre	ete Repair V	Vorks nes, 05-Jul-22			
Finishes		26	26-May-22	05-Jul-22	0															T	165, 03-301-22			
A2350	Masonry Repair Works	5	26-May-22		0														Mas	sonry Repair	r.Works			
A2360	Waterproofing Works	5	03-Jun-22	10-Jun-22	0														W	/aterproofin	g Works			
A2370	Painting Works	4	10-Jun-22	16-Jun-22	0	1.000														Painting W	arks			
A2380	Traffic Assist Installation	7	16-Jun-22	27-Jun-22	0															Trafic A	ssist Installation.			
A2390	Signage Works	5	27-Jun-22	05-Jul-22	0															Signa	age Works Phase 9, 28-J			
Phase 9		26	21-Jun-22	28-Jul-22	0																Phase 9, 28-J	ul-22		
Pre-requi	isite	3	05-Jul-22	08-Jul-22	0															Tre-	requisite, 08-Jul-	22		
A2640	Phase 8 Inspection	3	05-Jul-22	08-Jul-22	0												1			Pha	se 8 Inspection			
Sign Place	ement & Space Capture	26	21-Jun-22	28-Jul-22	0						1			1			1				se 8 Inspection . Sign Placeme	nt & Space	Capture, 28	Jul-2
A2980	Sign Placement & Space Capture	1	21-Jun-22	22-Jun-22	0							+++++++++++++++++++++++++++++++++++++++								Sign Plac	ament & Snara	Conturo		Control of
Finishes		26	21-Jun-22	28-Jul-22	0						1									L. payter los	Finishes, 28-J	ul-22		
A2400	Masonry Repair Works	5	21-Jun-22	28-Jun-22	0	1000						********								Marcon	v Repair Works			0.000
A2410	Waterproofing Works	5	28-Jun-22	06-Jul-22	0	1000						100000000					1.000				eproofing Works			
A2420	Painting Works	4	06-Jul-22	12-Jul-22	0	1				******		*********									inting Works	1		
A2430	Traffic Assist Installation	7	12-Jul-22	21-Jul-22	0					********	· · · · · ·	*********		····							Traffic Assist Inst	allation		
A2440	Signage Works	5	21-Jul-22	28-Jul-22	0						î					********					Cianago Made			
Phase 10		26	15-Jul-22	22-Aug-22	0	1.000					1	********					1			1.1.1	Phase	10, 22-Aug	-22	CARENE.
Pre-requi	cito	3	28-Jul-22	02-Aug-22	0				********	*********			********	*****							Pre-requisite	02-Aug-22	**********	
A2650	Phase 9 Inspection	3	28-Jul-22	02-Aug-22	0																			
	ement & Space Capture	26	15-Jul-22	22-Aug-22	0													ininini i			Phase 9 hsc Sign F	Accement &	Space Cap	oture, 2
A2990	Sign Placement & Space Capture	1	15-Jul-22	18-Jul-22	0							*********												
	Sign Placement & Space Capture	26	15-Jul-22	22-Aug-22	0							++++									Sign Placement & Finish	Spiace Car	oture	*****
Finishes	Marrie Bank Wester	26																			***************			
A2450 A2460	Masonry Repair Works	5	15-Jul-22	22-Jul-22	0																Masonry Repair			
	Waterproofing Works		22-Jul-22	29-Jul-22	0																Waterproofing			
A2470	Painting Works	4	29-Jul-22	04-Aug-22	0.059.0																. Painting. Wo			
A2480	Traffic Assist Installation	7	04-Aug-22	15-Aug-22	0																. Traffic A	ssist Installat	tion	
A2490	Signage Works	5	15-Aug-22	22-Aug-22																	Signa	ge Works	19.Sen.2	o
Phase 11		28	09-Aug-22	19-Sep-22	0																•			
Pre-requi	isite	3	14-Sep-22	19-Sep-22	0																	Pre-requi	site, 19-Sep	1-22
A2670	Phase 10 Inspection	3	14-Sep-22	19-Sep-22	0	1																Phase 10	henetion	

tivity ID	Activity Name	Original Duration	Start	Finish	Total	100	s	202	21		N. 65		v 76			10 N		10 S		- 2	022	S.	25	a 19 - 1		90 - B
					Float	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sign Plac	cement & Space Capture	27	09-Aug-22	19-Sep-22																		-		Sign Place	ment & S	Space Cap
A3000	Sign Placement & Space Capture	1	09-Aug-22	10-Aug-22	0			1														I Sign	Placem	ent & Spar	e Captur	re
Finishes		27	09-Aug-22	19-Sep-22	0										5			52 C			1	-		Finishes, 1	a-ach-ss	-
A2500	Masonry Repair Works	5	09-Aug-22	16-Aug-22	0			100 CONTRACTOR (1990)							************************************			£0.000.000						epair Work		
A2510	Waterproofing Works	5	16-Aug-22	23-Aug-22	0																			oofing Wor		
A2520	Painting Works	4	23-Aug-22	29-Aug-22	0																		Paintin	g Works		
A2530	Traffic Assist Installation	7	29-Aug-22	08-Sep-22	0																		Tra'	flic Assist In	nstallation	0
A2540	Signage Works	5	12-Sep-22	19-Sep-22	0	1.000					aana da													Signage V	lorks	
Phase 12	2 - Level 1 -	19	01-Sep-22	29-Sep-22	0																1		-	Phase	12 - Leve	el 1 -, 29-
Pre-requ	Jisite	3	19-Sep-22	22-Sep-22	0						anna d												-	Pre-requi	site, 22-S	ep-22
A2680	Phase 11 Inspection	3	19-Sep-22	22-Sep-22	0									areases a			020806373		101010308					Phase 11	Inspectio	an
Sign Plac	cement & Space Capture	19	01-Sep-22	29-Sep-22	0													1 · · · · ·			1.		-	Sign Pl	acement	& Space
A3010	Sign Placement & Space Capture	5	01-Sep-22	09-Sep-22	0			1										:			1		Sk	n Placeme	nt & Spa	ace Captu
Level 1 M	MEC	19	01-Sep-22	29-Sep-22	0	1		1													1		-	Level 1	MEC, 29	9-Sep-22
Area A		5	01-Sep-22	09-Sep-22	0			1							1						1		Are	a A 09-Se	ip-22	
CP1L242	21 HVAC Replacement & Rough-In	5	01-Sep-22	09-Sep-22	0													1.1						AC Replao		Rough-In
Area B		5	09-Sep-22	16-Sep-22	0																1 C C C C C C C C C C C C C C C C C C C		A	vea B, 16-	Sep-22	
CP1L245	1 HVAC Replacement & Rough-In	5	09-Sep-22	16-Sep-22	0																			NAC Repl		
Area C		9	16-Sep-22	29-Sep-22	0																		-	Area C	29-Sep-	22
CP1L248	HVAC Replacement & Rough-In	5	16-Sep-22	23-Sep-22	0																			HVAC Re	placemer	nt & Roug
CP1L249	HVAC Trim-Out	3	23-Sep-22	28-Sep-22	0																			HVACT	rim-Out	
CP1L250	1 HVAC Testing	1	28-Sep-22	29-Sep-22	0																			I HVACT	esting	
Close-Out	t	12	29-Sep-22	17-Oct-22	0			1													1					17-Oct-2
A2690	Phase 12 Inspection	3	29-Sep-22	04-Oct-22	0	100000															1			Phase		
A1590	Punch List	0		17-Oct-22	0	1		1													1				unch List	

9 – <u>Schedule Log</u>

Scheduling/Leveling Report - 2021-06-18 13:47:45 - PM.EXE _____

Default Project.....SGR

Projects:

SGR.....SGR - CBE21-3

Scheduling/Leveling Settings: _____

General

Scheduling .	
Lovaling	

Scheduling	Yes
Leveling	No
Ignore relationships to and from o	other projectsNo
Make open-ended activities critic	alNo
Use Expected Finish Dates	Yes
Schedule automatically when a cl	hange affects datesYes
Level resources during scheduling	gNo
Recalculate assignment costs afte	er schedulingNo
When scheduling progressed activ	vities useRetained Logic
Calculate start-to-start lag from	Early Start
Define critical activities as Total	Float less than or equal to .0
Compute Total Float As	Finish Float
Calculate float based on finish da	te ofEach project
Calendar for scheduling Relations	ship LagPredecessor Activity Calendar

Advanced

Calculate multiple float paths.....No

Statistics:

# Projects		1	
# Activities		445	
# In Progress		0	
# Activities with	Constraint	1	
Project:	SGR Activity:	KM002	Substantial Completion
Errors:			
Warnings:			
Activities without	predecessors	1	
Project:	SGR Activity:	KM011	NTA
Activities without	successors	1	
Project:	SGR Activity:	KM003	Final Completion
Out-of-sequence a	activities	0	
Activities with Ac	ctual Dates > Data Date		0
Milestone Activit	ies with invalid relation	iships	0
Finish milestone a	and predecessors have d	lifferent calend	dars0
Scheduling/Leveling Res	ults:		
# Projects Schedu	led/Leveled	1	
5	luled/Leveled		45
# Relationships w	ith other projects	0	
Data Date		13-Apr-21	1
Earliest Early Star	rt Date	13-Ap	pr-21
	h Date		
Exceptions:			
			15 P a g

Critical Activities			
Project:	SGR	Activity:	A1080 Signage Materials
Project:	SGR	Activity:	A1090 Parking Assist Materials
Project:	SGR	Activity:	A1110 Traffic Signs
Project:	SGR	Activity:	A1120 Traffic Signs
Project:	SGR	Activity:	A1160 Signage Materials
Project:	SGR	Activity:	A1190 Parking Assist Materials
Project:	SGR	Activity:	A1230 Traffic Signs
Project:	SGR	Activity:	A1290 Signage Materials
Project:	SGR	Activity:	A1300 Parking Assist Materials
Project:	SGR	Activity:	A1370 Traffic Assist Installation
Project:	SGR	Activity:	A1380 Signage Works
Project:	SGR	Activity:	A1500 Waterproofing Works
Project:	SGR	Activity:	A1510 Painting Works
Project:	SGR	Activity:	A1520 Traffic Assist Installation
Project:	SGR	Activity:	A1590 Punch List
Project:	SGR	Activity:	A1700 Masonry Repair Works
Project:	SGR	Activity:	A1710 Waterproofing Works
Project:	SGR	Activity:	A1720 Painting Works
Project:	SGR	Activity:	A1730 Traffic Assist Installation
Project:	SGR	Activity:	A1800 Masonry Repair Works
Project:	SGR	Activity:	A1810 Waterproofing Works
Project:	SGR	Activity:	A1820 Painting Works
Project:	SGR	Activity:	A1830 Traffic Assist Installation
Project:	SGR	Activity:	A1900 Masonry Repair Works
Project:	SGR	Activity:	A1910 Waterproofing Works
Project:	SGR	Activity:	A1920 Painting Works
Project:	SGR	Activity:	A1930 Traffic Assist Installation
Project:	SGR	Activity:	A1950 Masonry Repair Works
Project:	SGR	Activity:	A1960 Waterproofing Works
Project:	SGR	Activity:	A1970 Painting Works
Project:	SGR	Activity:	A1980 Traffic Assist Installation
Project:	SGR	Activity:	A2100 Masonry Repair Works
Project:	SGR	Activity:	A2110 Waterproofing Works
Project:	SGR	Activity:	A2120 Painting Works
Project:	SGR	Activity:	A2130 Traffic Assist Installation

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Project:	SGR	Activity:	A2150 Masonry Repair Works
Project:	SGR	Activity:	A2160 Waterproofing Works
Project:	SGR	Activity:	A2170 Painting Works
Project:	SGR	Activity:	A2180 Traffic Assist Installation
Project:	SGR	Activity:	A2190 Signage Works
Project:	SGR	Activity:	A2200 Masonry Repair Works
Project:	SGR	Activity:	A2210 Waterproofing Works
Project:	SGR	Activity:	A2220 Painting Works
Project:	SGR	Activity:	A2230 Traffic Assist Installation
Project:	SGR	Activity:	A2250 Masonry Repair Works
Project:	SGR	Activity:	A2260 Waterproofing Works
Project:	SGR	Activity:	A2270 Painting Works
Project:	SGR	Activity:	A2280 Traffic Assist Installation
Project:	SGR	Activity:	A2290 Signage Works
Project:	SGR	Activity:	A2300 Masonry Repair Works
Project:	SGR	Activity:	A2310 Waterproofing Works
Project:	SGR	Activity:	A2320 Painting Works
Project:	SGR	Activity:	A2330 Traffic Assist Installation
Project:	SGR	Activity:	A2340 Signage Works
Project:	SGR	Activity:	A2350 Masonry Repair Works
Project:	SGR	Activity:	A2360 Waterproofing Works
Project:	SGR	Activity:	A2370 Painting Works
Project:	SGR	Activity:	A2380 Traffic Assist Installation
Project:	SGR	Activity:	A2390 Signage Works
Project:	SGR	Activity:	A2400 Masonry Repair Works
Project:	SGR	Activity:	A2410 Waterproofing Works
Project:	SGR	Activity:	A2420 Painting Works
Project:	SGR	Activity:	A2430 Traffic Assist Installation
Project:	SGR	Activity:	A2440 Signage Works
Project:	SGR	Activity:	A2450 Masonry Repair Works
Project:	SGR	Activity:	A2460 Waterproofing Works
Project:	SGR	Activity:	A2470 Painting Works
Project:	SGR	Activity:	A2480 Traffic Assist Installation
Project:	SGR	Activity:	A2490 Signage Works
Project:	SGR	Activity:	A2500 Masonry Repair Works
Project:	SGR	Activity:	A2510 Waterproofing Works
Project:	SGR	Activity:	A2520 Painting Works
			17

Project:	SGR	Activity:	A2530 Traffic Assist Installation			
Project:	SGR	Activity:	A2540 Signage Works			
Project:	SGR	Activity:	A2550 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2620 Phase 6 Inspection			
Project:	SGR	Activity:	A2630 Phase 7 Inspection			
Project:	SGR	Activity:	A2640 Phase 8 Inspection			
Project:	SGR	Activity:	A2650 Phase 9 Inspection			
Project:	SGR	Activity:	A2670 Phase 10 Inspection			
Project:	SGR	Activity:	A2680 Phase 11 Inspection			
Project:	SGR	Activity:	A2690 Phase 12 Inspection			
Project:	SGR	Activity:	A2900 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2910 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2920 Phase 1 Inspection			
Project:	SGR	Activity:	A2930 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2940 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2950 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2970 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2980 Sign Placement & Space Capture			
Project:	SGR	Activity:	A2990 Sign Placement & Space Capture			
Project:	SGR	Activity:	A3000 Sign Placement & Space Capture			
Project:	SGR	Activity:	A3010 Sign Placement & Space Capture			
Project:	SGR	Activity:	CP1L1151 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L1261 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L1271 Concrete Repair Works			
Project:	SGR	Activity:	CP1L1371 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L1481 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L1491 Concrete Repair Works			
Project:	SGR	Activity:	CP1L1591 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L1601 Concrete Repair Works			
Project:	SGR	Activity:	CP1L2241 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L2251 Concrete Repair Works			
Project:	SGR	Activity:	CP1L2261 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L2271 Concrete Repair Works			
Project:	SGR	Activity:	CP1L2281 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L2291 Concrete Repair Works			
Project:	SGR	Activity:	CP1L2301 Removal & Demolishing of Concrete			
Project:	SGR	Activity:	CP1L2311 Concrete Repair Works			

Project:	SGR	Activity:	CP1L2321	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2321	Concrete Repair Works
		-		1
Project:	SGR	Activity:	CP1L2341	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2351	Concrete Repair Works
Project:	SGR	Activity:	CP1L2421	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2451	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2481	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2491	HVAC Trim-Out
Project:	SGR	Activity:	CP1L2501	HVAC Testing
Project:	SGR	Activity:	CP1L821	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L831	Concrete Repair Works
Project:	SGR	Activity:	CP1L931	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L951	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L961	Concrete Repair Works
Project:	SGR	Activity:	KM002	Substantial Completion
Project:	SGR	Activity:	KM011	NTA

Substantial Completion

Activities with unsat	1		
Project:	SGR	Activity:	KM002

Activities with unsatisfied relationships.....0

Activities with external dates.....0