Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

Project Stellar (LyndenWoods)

For

NAKANO (SINGAPORE) PTE LTD

Copy No.	1

Prepared By : Pang Pei Song

Authorised By : Choong Choon Guan

Date : 27 October 2025

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SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	6360	27 October 2025

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	27 October 2025	1 to 11	30	+ 1 page (Section 4.1 – Overall Programme)

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Residential

Statistics of Development	
Site Area, m²	10,290.8
Nett Floor Area, m²	–
Gross Floor Area, m²	29,380
Covered Carpark, m²	–
No. of Covered Carpark Lots	240 carpark lots (incl 1 family lot) and 3 HCP lots
No. of Apartments/Houses	343
No. of Beds (for Hospitals)	–
No. of Guestroom (for Hotels)	–
No. of Blocks / No. of Storeys	4
Green Mark Category	GreenMark Platinum
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)										
Services	EI	ACVI	LI	FFAI	PSI	SPFI				
Estimate	7.8 mil	4.3 mil	3 mil	2 mil	5.4 mil	0.34 mil				
Awarded										

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate			Approx 145mil
Awarded			

Site Clearance shall include earth work, soil improvement, service diversion and termination.

2.3 Scope of Works

2.3.1 Scope of Consultancy Services

Conceptual/Schematic Design	✓
Detailed Design	✓
Tender Documentation	✓
Tender Evaluation	✓
Contract Supervision	✓
M&E Costing	✓
Submissions to Authority	✓

(✓*where applicable*)

2.3.2 Scope of M&E Services

ELECTRICAL	✓	AIR CONDITIONING	✓	SPRINKLER	✓	SANITARY	✓	SWIMMING POOL	✓
LIFT	✓	MECHANICAL VENTILATION	✓	FIRE ALARM	✓	COLD WATER	✓	STEAM BOILER	
ESCALATOR		MECHANICAL SMOKE EXTRACT		HOSEREEL	✓	HOT WATER	✓	FUEL STORAGE	
PABX		COMPUTER A/C		WET RISER	✓	TOWN GAS	✓		
SECURITY	✓	BST CARPARK EXH		DRY RISER		LPG GAS			
TELELIFT		HEATING				MEDICAL GAS			
DATA COMM.									
FLUSHFLOOR TRUNKING									

(✓*where applicable*)

2.3.3 Submission to Relevant Authorities by Others

EJECTOR & DIVERTER		SUMP PUMP	✓	FUEL OIL TANK		LIFT & ESCALATOR	✓	PRESSURE VESSEL		HOISTS		FOAM	

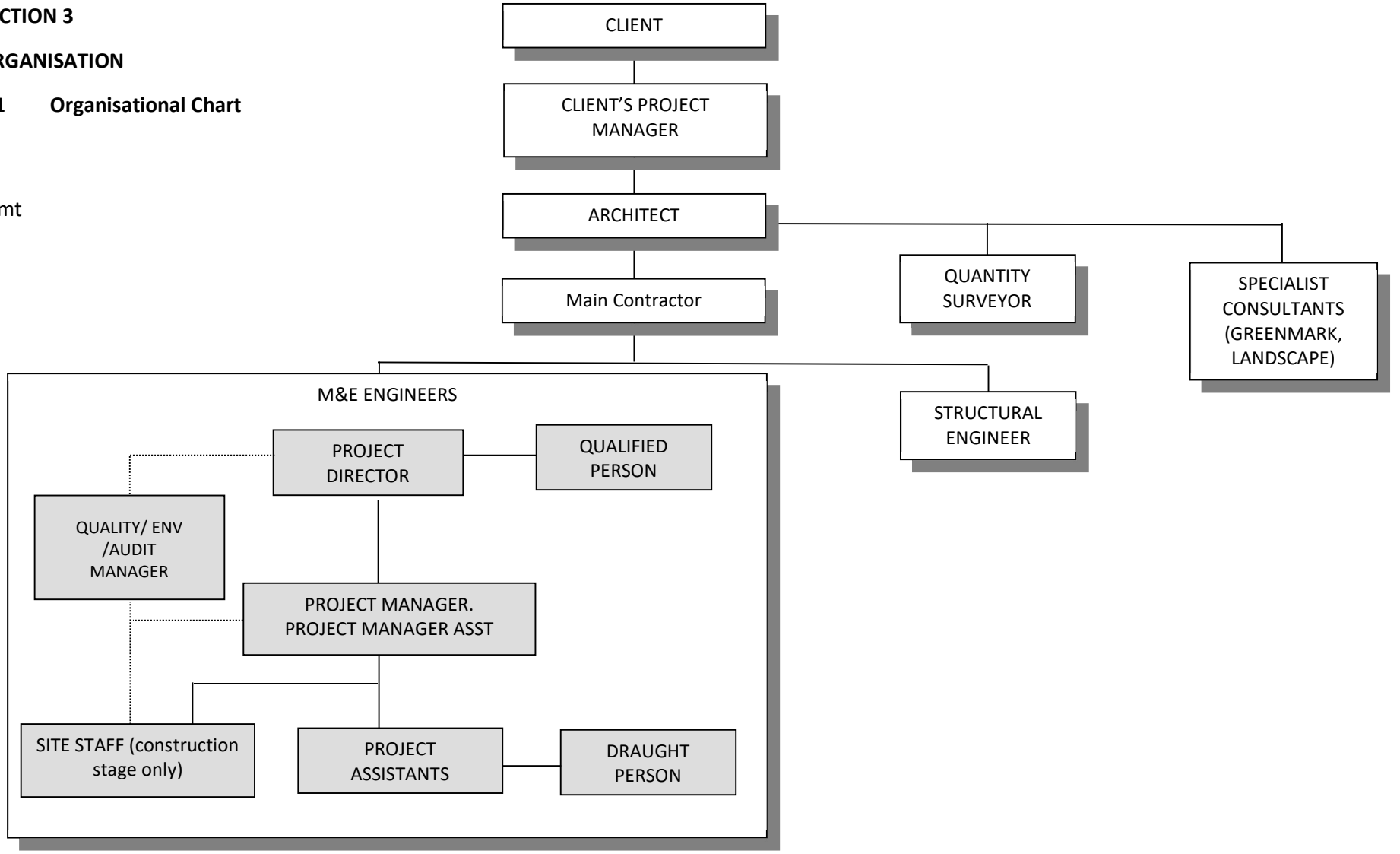
(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart

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SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		Choong Choon Guan (CCG)
Qualified Person	Mechanical	Pang Pei Song (PPS)
	Electrical	Loh Fook Yuen (LFY)
Project Manager		Pang Pei Song (PPS)
Assistant Project Manager		–
Project Assistant (Mech)		–
Project Assistant (Elect)		Bervyn Tan (TWS) Goh Xi Qiang (GXQ)
Draughtsperson		Common Pool
Resident Technical Engineer (M&E)		Simon Wee (WBS)
Assistant Resident Engineer (M&E)		–
Clerk-of-Work (M&E)		–

3.3 Client/Client's Representatives

Client: Singapore United Estates (Pte) Ltd

Address: 2 Bukit Merah Central
#13-01
Singapore 159835

Tel: 6890 0333

Fax: 6536 1858

Client's Representatives:-

Name of Company	Contact Person	Contact
TUAS VIEW DEVELOPMENT PTE LTD	Name: Mr Tan Yiong Soon Position: Head	Tel: Fax: Handphone: +65 9855 6396 Email: tan.yiongsoon@capitaland.com
TUAS VIEW DEVELOPMENT PTE LTD	Name: Mr Lee Jun Er Position: Head of Department (Project)	Tel: Fax: Handphone: +65 8198 8663 Email: lee.juner@capitaland.com
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:

3.4 **Other Consultants** (Local)

Function / Name of Company	Contact Person	Contact
Architect ADDP ARCHITECTS LLP	Name: Ms Crystal Wang Position: Project Architect	Tel: 6220 2153 Fax: 6325 4918 Handphone: +65 9338 7391 Email: 71scienceparkdr@addp-doprojects.com
Quantity Surveyor THREESIXTY COST MANAGEMENT PTE. LTD.	Name: Mr Max Shea Position: Director	Tel: Fax: Handphone: +65 8398 8736 Email: pj-projectstellar@threesixtyconsultants.com
Structural Engineer KTP Consultants Pte Ltd	Name: Mr Kang Jianhan Position: Director	Tel: – Fax: – Handphone: +65 9023 0498 Email: kjh@kcl.com.sg
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Landscape Consultant	Name: Mr Ian Soo Position: Senior Project Director	Tel: Fax: Handphone: +65 9658 9056 Email: 436-stellar@coen-design.com
Green mark Consultant BUILDING SYSTEM AND DIAGNOSTICS PTE. LTD.	Name: Ms Loh Sok Fong Position: ESD Manager	Tel: 6560 0702 Fax: Handphone: 9645 3831 Email: sokfong.loh@bsd.com.sg

3.4 Other Consultants (Overseas) – **NOT APPLICABLE**

Function / Name of Company	Contact Person	Contact
Architect	Name: Position:	Tel: Fax: Handphone: Email:
M&E Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Quantity Surveyor	Name: Position:	Tel: Fax: Handphone: Email:
Structural Engineer	Name: Position:	Tel: Fax: Handphone: Email:
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant	Name: Position:	Tel: Fax: Handphone: Email:
_____	Name: Position:	Tel: Fax: Handphone: Email:

3.5 Contractors/Sub-Contractors – NOT APPLICABLE

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor Nakano Singapore (Pte) Ltd	Main Con	Name: Mr Paul Yam Position: General Manager	Tel: +65 6333 4933 Fax: +65 6338 8568 Handphone: +65 9450 7027 Email: paul@nakano.com.sg
Air Conditioning & Ventilation Installation Sub-Contractor DESIGN AIRE ENGINEERING (S) PTE LTD	DSC	Name: Mr Low HP Position: Project Manager	Tel: +65-67469611 Fax: +65-67474922 Handphone: Email: hplow@dae.com.sg
Plumbing & Sanitary Installation Sub-Contractor WTC M&E Pte Ltd	DSC	Name: Ms Tan Meow Ling Position: Project Manager	Tel: +65-67459733 Fax: +65-67456806 Handphone: Email: mltan@wtcme.com.sg
Electrical Installation Sub-Contractor Jian Rong Engineering Pte Ltd	DSC	Name: Mr August Aung Position: Project Manager	Tel: +65-66843616 Fax: +65-66842162 Handphone: Email: august.akm@jianrong.com.sg
Lift & Escalator Installation Sub-Contractor OTIS ELEVATOR COMPANY (S) PTE LTD	NSC	Name: Mr Samual Ngui Position: Project Manager	Tel: +65-88778383 Fax: Handphone: Email: samuel.ngui@otis.com
Fire Fighting & Alarm Installation Sub-Contractor BuiltMech Pte Ltd	DSC	Name: Mr Lim Chun Leong Position: Director	Tel: +65-66369838 Fax: +65-66369828 Handphone: Email: chunleong@builtmech.sg
Swimming Pool Filtration Plant Installation Sub-Contractor HYDROTECH ENGINEERING PTE. LTD.	DSC	Name: Mr. Arun Position: Project Manager	Tel: +65-88778383 Fax: Handphone: Email: project@hydrotech.com.sg
Carpark System Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:

** Type of Contract*
- *NSC (Nominated Sub-Contract)*
- *DSC (Domesticated Sub-Contract)*
- *DC (Direct Contract)*
- *NS (Nominated Supplier)*

3.6 Authorities

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
SP PowerGrid: (a) Sub-Station/LT reticulation	Mr Goh Li Qing	+65 6916 8679 / liqing@spgroup.com.sg
(b) Diversion	Mr Lim Jian Hao (DN4)	+65 6916 5986 / jianhao@spgroup.com.sg
SP Services: (a) Customer Supply		
(b) Installation		
(c) Meter Section		
(d) Road Lighting		
TFCC: (a) SCV		
(b) SingTel		
(c) IMDA		
BCA: (a) Building Plan		
(b) Green Mark		
FSSD: (a) Building Plan		
(b) M&E Plan		
PUB (Water Supply) Network Dept: (a) Water Conservation		
(b) Plumbing Plan	Mr Mr Rengaraj (Water Supply Network Dept)	+65 8860 3748 rengaraj_prusotamen@pub.gov.sg
(c) Diversion		
(d) NEWater		
PUB Water Reclamation (Network) Dept: (a) Building Plan/CBPU		
(b) M&E Plan		
(c) Diversion		
City Gas Pte Ltd: (a) Planning/Submission		
(b) Installation/Inspection		

3.6 Authorities (Cont'd)

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
PowerGas Pte Ltd (a) Diversion		
NEA (Pollution Control) (a) Planning/Submission		
(b) Inspection		

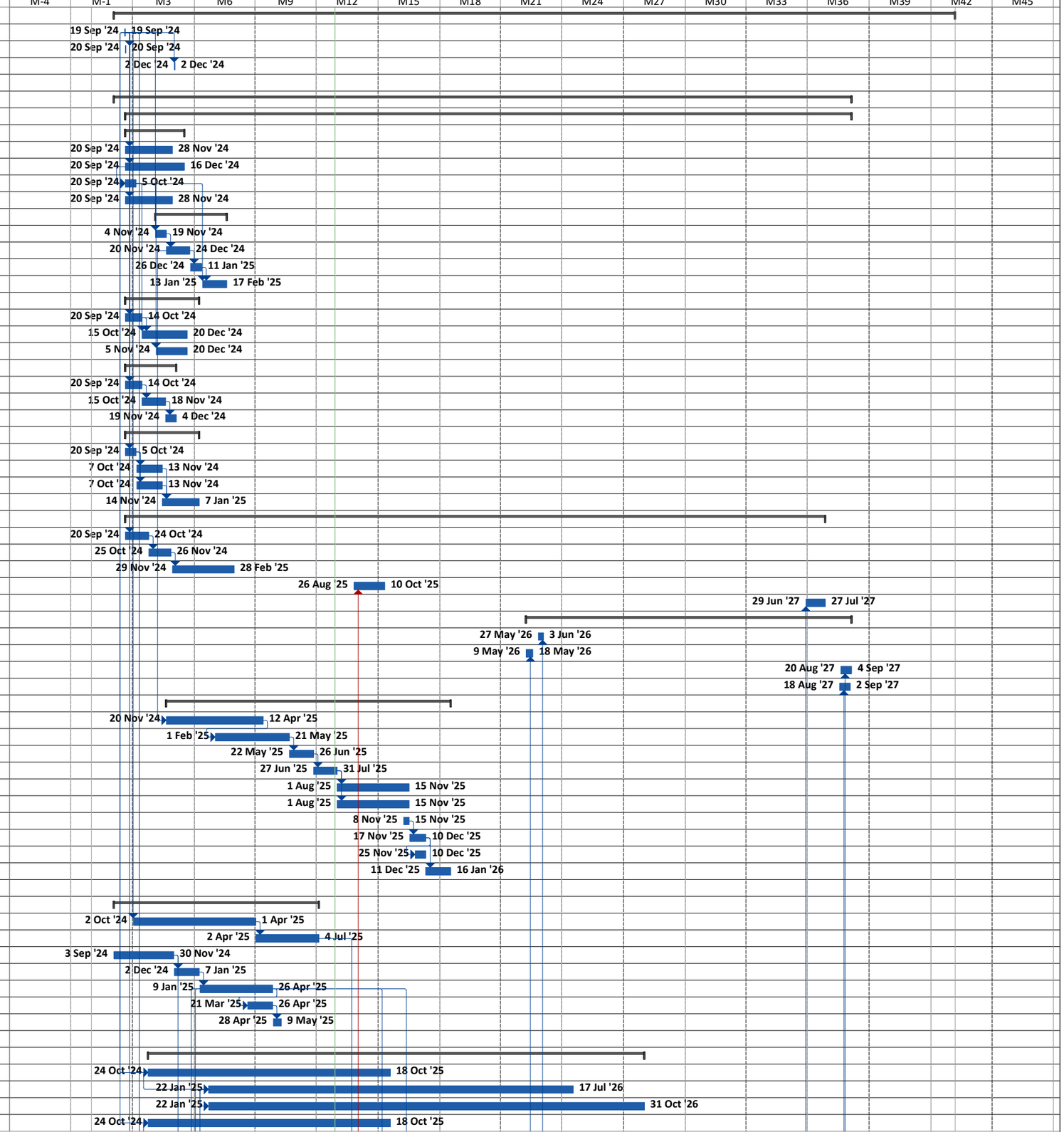
SECTION 4

PROGRAMME

4.1 Overall Programme – To refer to the master programme attached.

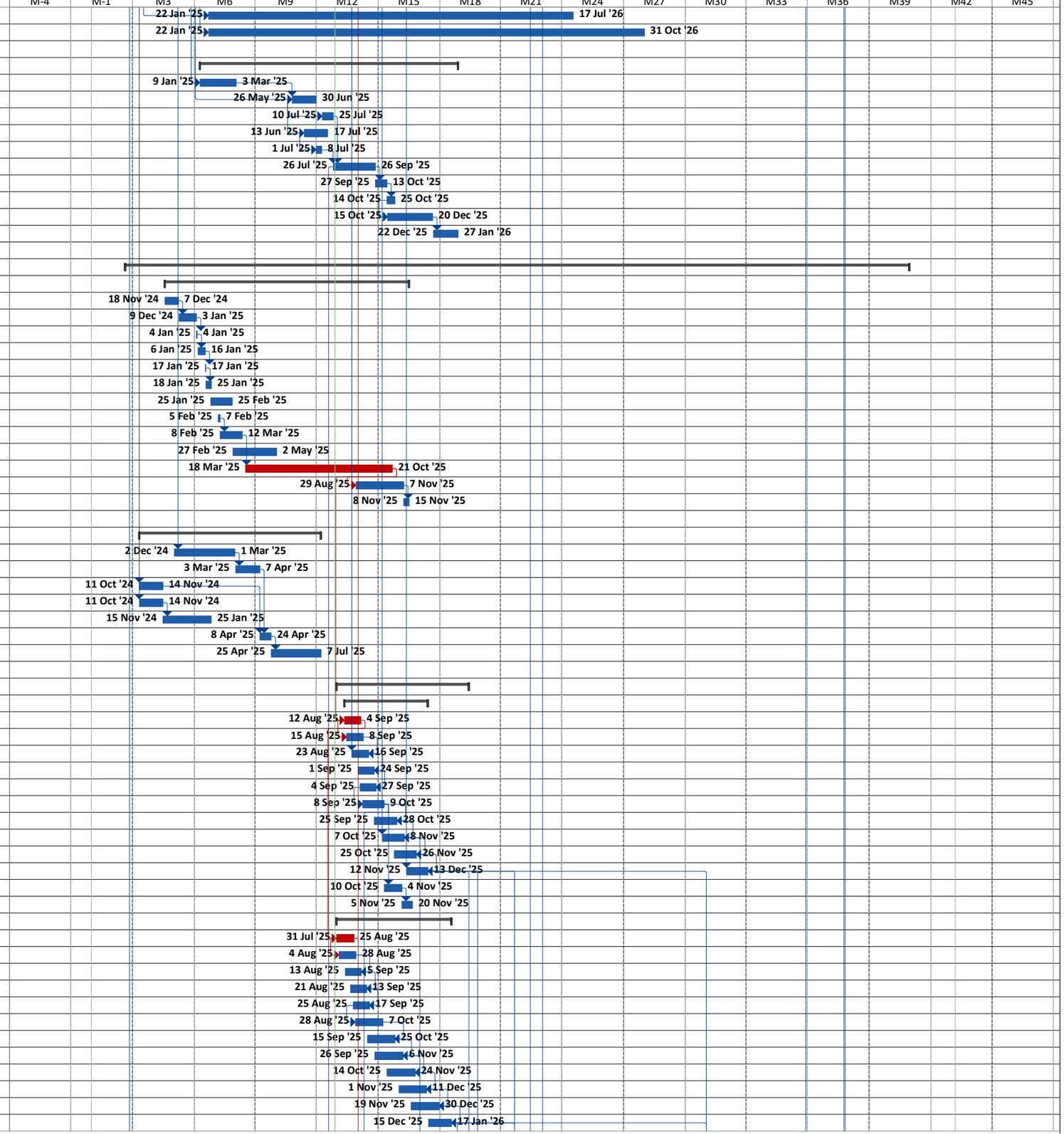
Project Stellar **20250729 (Rev. 1)**

ID	Task Name	Duration	Start	Finish	Predecessors
1	**Project Stellar**	**1043 days**	**Tue 3/9/24**	**Sat 5/2/28**	
2	LOA to Nakano	1 day	Thu 19/9/24	Thu 19/9/24	
3	Early Possession of Site	1 day	Fri 20/9/24	Fri 20/9/24	2
4	Commencement of Contract	1 day	Mon 2/12/24	Mon 2/12/24	2FS+61 days
5					
6	**DOCUMENTS SUBMISSION AND AUTHORITY CLEARANCE**	**915 days**	**Tue 3/9/24**	**Sat 4/9/27**	
7	**Temporary Works**	**900 days**	**Fri 20/9/24**	**Sat 4/9/27**	
8	**Precon survey, insurance and etc**	**75 days**	**Fri 20/9/24**	**Mon 16/12/24**	
9	Precon survey	60 days	Fri 20/9/24	Thu 28/11/24	2
10	EL & CAR Insurance for the Project	75 days	Fri 20/9/24	Mon 16/12/24	2
11	Insurance Cover Note	14 days	Fri 20/9/24	Sat 5/10/24	10SS
12	Precon CCTV on Existing Sewer Line	60 days	Fri 20/9/24	Thu 28/11/24	2
13	**Underground Services Detection**	**88 days**	**Mon 4/11/24**	**Mon 17/2/25**	
14	Appointment of Contractor	14 days	Mon 4/11/24	Tue 19/11/24	2
15	Purchase drawings from authorities	30 days	Wed 20/11/24	Tue 24/12/24	14
16	Application of NCE (SPPG, PUB, Telco etc)	14 days	Thu 26/12/24	Sat 11/1/25	15
17	10 Trial trench and submit report	30 days	Mon 13/1/25	Mon 17/2/25	11,16
18	**Site Facilities**	**92 days**	**Fri 20/9/24**	**Tue 7/1/25**	
19	Appointment of Contractors	21 days	Fri 20/9/24	Mon 14/10/24	2
20	Hoarding (4 sides of boundary)	58 days	Tue 15/10/24	Fri 20/12/24	11,19
21	Site Office, store etc	40 days	Tue 5/11/24	Fri 20/12/24	11,19
22	**Temporary Road Crossing**	**65 days**	**Fri 20/9/24**	**Wed 4/12/24**	
23	Appointment of Consultant	21 days	Fri 20/9/24	Mon 14/10/24	2
24	Authority Application (LTA, PUB, Nparks)	30 days	Tue 15/10/24	Mon 18/11/24	23
25	Construction on site	14 days	Tue 19/11/24	Wed 4/12/24	24
26	**ECM**	**92 days**	**Fri 20/9/24**	**Tue 7/1/25**	
27	Appointment of QECP & LP	14 days	Fri 20/9/24	Sat 5/10/24	2
28	Design & Temporary Water Application	33 days	Mon 7/10/24	Wed 13/11/24	27
29	ECM Submission	33 days	Mon 7/10/24	Wed 13/11/24	27
30	Installation of Washing Bay/Drains/Temporary Toilet	45 days	Thu 14/11/24	Tue 7/1/25	28,29
31	**Tower Crane**	**867 days**	**Fri 20/9/24**	**Tue 27/7/27**	
32	Appointment of TC Supplier	30 days	Fri 20/9/24	Thu 24/10/24	2
33	Tower Crane Design	28 days	Fri 25/10/24	Tue 26/11/24	32
34	Tower Crane Application (DSTA & CAAS)	76 days	Fri 29/11/24	Fri 28/2/25	33
35	Erection of TC1, TC2 and TC3	2 mons	Tue 26/8/25	Fri 10/10/25	123
36	Dismantling of tower crane	25 days	Tue 29/6/27	Tue 27/7/27	392FS+7 days
37	**Passenger Hoist**	**405 days**	**Sat 9/5/26**	**Sat 4/9/27**	
38	Blk 1 PH 1 Install	7 days	Wed 27/5/26	Wed 3/6/26	228
39	Blk 2 PH 2 Install	7 days	Sat 9/5/26	Mon 18/5/26	200
40	Blk 1 PH 1 Dismantle and reinstatement works	14 days	Fri 20/8/27	Sat 4/9/27	434
41	Blk 2 PH 2 Dismantle and reinstatement works	14 days	Wed 18/8/27	Thu 2/9/27	431
42	**Services Diversion**	**351 days**	**Wed 20/11/24**	**Fri 16/1/26**	
43	Proposal and discussion with SP & Telco	120 days	Wed 20/11/24	Sat 12/4/25	15SS
44	Quotation and approval from SP & Telco	90 days	Sat 1/2/25	Wed 21/5/25	43FS-60 days
45	Installation of sheet pile	30 days	Thu 22/5/25	Thu 26/6/25	44
46	Excavation & installation of lead in pipe (SP)	30 days	Fri 27/6/25	Thu 31/7/25	45
47	Diversion and energise of Cintech 1 HT cable (SP)	90 days	Fri 1/8/25	Sat 15/11/25	46
48	Diversion and energise of Cintech 2 HT cable (SP)	90 days	Fri 1/8/25	Sat 15/11/25	46
49	Shifting of site office to Basement	7 days	Sat 8/11/25	Sat 15/11/25	
50	Excavation & installation of lead in pipe (Telco)	21 days	Mon 17/11/25	Wed 10/12/25	49
51	Recovery of old Cintech 1 & 2 HT cable	14 days	Tue 25/11/25	Wed 10/12/25	50FS-14 days
52	Diversion of Telco cable	30 days	Thu 11/12/25	Fri 16/1/26	50
53					
54	**Corenet X Submission (Design, Submission & Approval)**	**254 days**	**Tue 3/9/24**	**Fri 4/7/25**	
55	Preliminary design	152 days	Wed 2/10/24	Tue 1/4/25	2FS+8 days
56	Design freeze	77 days	Wed 2/4/25	Fri 4/7/25	55
57	PP submission and approval	3.85 mon	Tue 3/9/24	Sat 30/11/24	
58	PG submission and approval	1.5 mons	Mon 2/12/24	Tue 7/1/25	57
59	CG submission and approval	90 days	Thu 9/1/25	Sat 26/4/25	58
60	Strata approval	1.5 mons	Fri 21/3/25	Sat 26/4/25	59FS-30 days
61	Sales launch and commencement of construction	2 wks	Mon 28/4/25	Fri 9/5/25	60
62					
63	**NSC and DSC**	**615 days**	**Thu 24/10/24**	**Sat 31/10/26**	
64	Confirmation of NSC	300 days	Thu 24/10/24	Sat 18/10/25	2SS+30 days
65	NSC Shopdrawing & Samples	450 days	Wed 22/1/25	Fri 17/7/26	64SS+75 days
66	Fabrication / Delivery of Materials	540 days	Wed 22/1/25	Sat 31/10/26	65SS
67	Confirmation of DSC	300 days	Thu 24/10/24	Sat 18/10/25	2SS+30 days

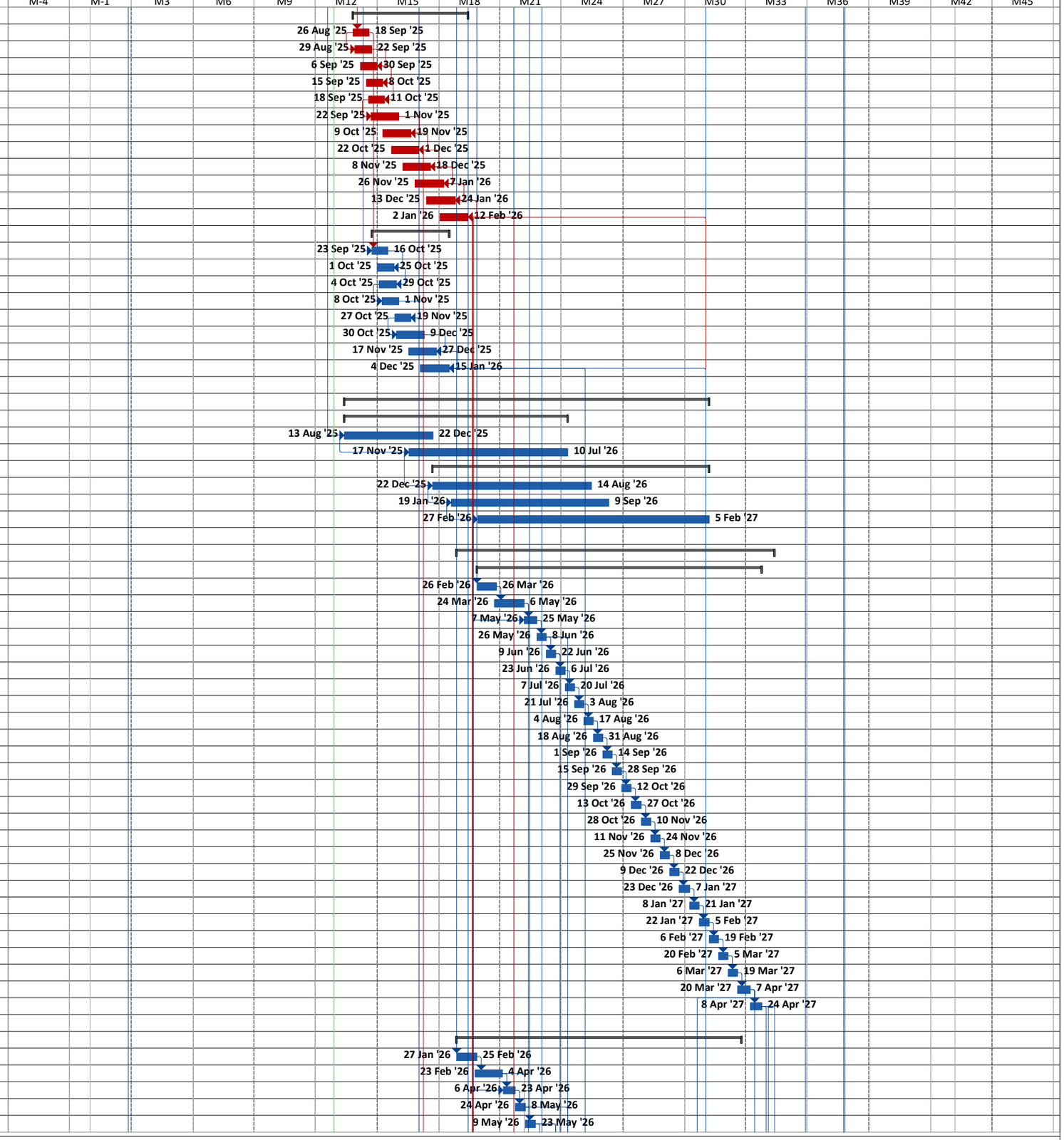


Project Stellar **20250729 (Rev. 1)**

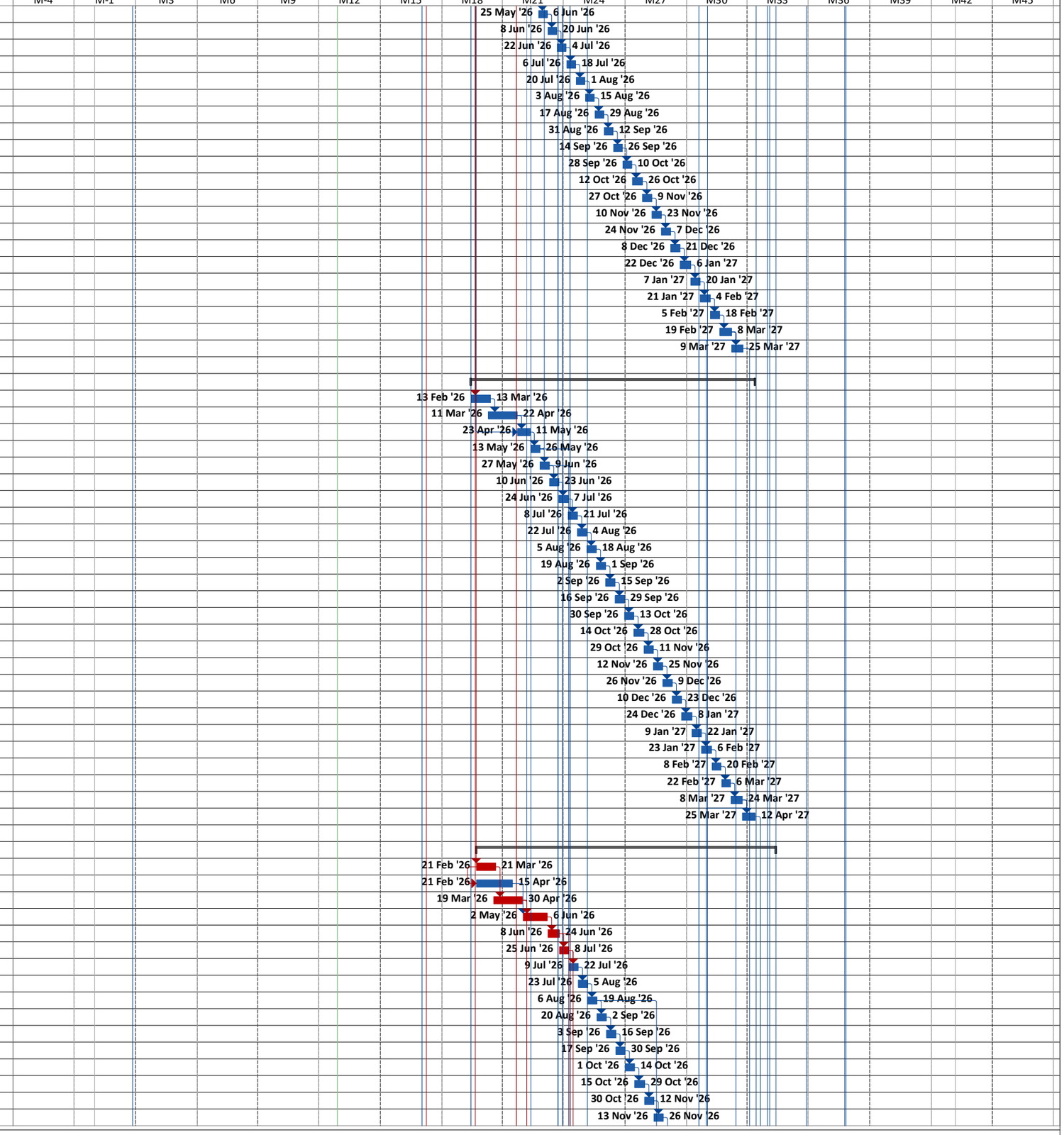
ID	Task Name	Duration	Start	Finish	Predecessors
68	DSC Shopdrawing & Samples	450 days	Wed 22/1/25	Fri 17/7/26	67SS+75 days
69	Fabrication / Delivery of Materials	540 days	Wed 22/1/25	Sat 31/10/26	65SS
70					
71	**PBU Mock Up**	**319 days**	**Thu 9/1/25**	**Tue 27/1/26**	
72	Confimration of PBU Supplier	45 days	Thu 9/1/25	Mon 3/3/25	59SS
73	Preparation and confirmation of shopdrawings	30 days	Mon 26/5/25	Mon 30/6/25	59SS+60 days,72
74	Consultant review and approval (Shopdrawings)	14 days	Thu 10/7/25	Fri 25/7/25	73SS+15 days
75	Samples and Materials Submission	30 days	Fri 13/6/25	Thu 17/7/25	73SS+15 days
76	Consultant review and approval (Materials)	7 days	Tue 1/7/25	Tue 8/7/25	75SS+15 days
77	PBU Mould Fabrication	53 days	Sat 26/7/25	Fri 26/9/25	74,76
78	PBU Carcass Fabrication	14 days	Sat 27/9/25	Mon 13/10/25	77
79	PBU Carcass Delivery	10 days	Tue 14/10/25	Sat 25/10/25	78
80	Fit Out Works for Mock Up	57 days	Wed 15/10/25	Sat 20/12/25	79SS+1 day
81	Consultant review and approval	30 days	Mon 22/12/25	Tue 27/1/26	80
82					
83	**SITE CONSTRUCTION WORKS**	**972 days**	**Fri 20/9/24**	**Mon 29/11/27**	
84	**Piling**	**302 days**	**Mon 18/11/24**	**Sat 15/11/25**	
85	Confirmation of Piling Contractor	18 days	Mon 18/11/24	Sat 7/12/24	
86	Mobilisation for ULT	21 days	Mon 9/12/24	Fri 3/1/25	85
87	Encounter Underground Cavities	1 day	Sat 4/1/25	Sat 4/1/25	86
88	Confirmation of Probing Contractor	10 days	Mon 6/1/25	Thu 16/1/25	87
89	Confirmation of Probing Contractor	1 day	Fri 17/1/25	Fri 17/1/25	88
90	Mobilisation of Machinery for Probing	7 days	Sat 18/1/25	Sat 25/1/25	89
91	Pile Probing to ULT & others 16 points (required by BCA)	26 days	Sat 25/1/25	Tue 25/2/25	
92	Mobliisation of Piling Rig for ULT	3 days	Wed 5/2/25	Fri 7/2/25	
93	Ultimate Test Pile	28 days	Sat 8/2/25	Wed 12/3/25	92
94	Probing to Required Pile (148 nos.)	53 days	Thu 27/2/25	Fri 2/5/25	
95	Installation of Bored Piles (240 nos.)	180 days	Tue 18/3/25	Tue 21/10/25	93
96	WLT & PDA	60 days	Fri 29/8/25	Fri 7/11/25	95FS-45 days
97	Demobilisation	7 days	Sat 8/11/25	Sat 15/11/25	96
98					
99	**ERSS Works**	**223 days**	**Fri 11/10/24**	**Mon 7/7/25**	
100	Design of ERSS	75 days	Mon 2/12/24	Sat 1/3/25	57
101	BCA Submission & Approval	30 days	Mon 3/3/25	Mon 7/4/25	100
102	Confirmation of ERSS Contractor	30 days	Fri 11/10/24	Thu 14/11/24	2FS+18 days
103	Confirmation of Earthwrok Contractor	30 days	Fri 11/10/24	Thu 14/11/24	2FS+18 days
104	Preparation of ramp access for Piling and ERSS	60 days	Fri 15/11/24	Sat 25/1/25	103
105	Mobilisation of Machineries and Materials	14 days	Tue 8/4/25	Thu 24/4/25	101,102
106	Installation of Soldier Piles	60 days	Fri 25/4/25	Mon 7/7/25	105
107					
108	**Sub-Structure Works**	**164 days**	**Thu 31/7/25**	**Thu 12/2/26**	
109	**Zone 1**	**106 days**	**Tue 12/8/25**	**Sat 13/12/25**	
110	Excavate & Expose Piles at B2 Level, Lean Conc at PC Area	21 days	Tue 12/8/25	Thu 4/9/25	95FS-60 days
111	Pilehead Hacking and ECC Check	21 days	Fri 15/8/25	Mon 8/9/25	110SS+3 days
112	Erect Pilecap and Lift Pit	21 days	Sat 23/8/25	Tue 16/9/25	56,111FF+7 days
113	Underground Services	21 days	Mon 1/9/25	Wed 24/9/25	112FF+7 days
114	Slab Lean Concrete	21 days	Thu 4/9/25	Sat 27/9/25	113FF+3 days
115	Install Rebar and Cast Slab at B2 Level	28 days	Mon 8/9/25	Thu 9/10/25	114SS+3 days
116	Construct Wall/Column & Retaining Wall to B2M (incl BC, ESS et	28 days	Thu 25/9/25	Tue 28/10/25	115FF+15 days
117	Erect Formwork, Rebars, M&E & Cast B2M Slab (incl BC, ESS etc	28 days	Tue 7/10/25	Sat 8/11/25	59,116FF+10 days
118	Construct Wall/Column & Retaining Wall to B1/LL1 (incl BC, ESS	28 days	Sat 25/10/25	Wed 26/11/25	117FF+15 days
119	Erect Formwork, Rebars, M&E & Cast B1/LL1 Slab (incl BC, ESS e	28 days	Wed 12/11/25	Sat 13/12/25	59,118FF+15 days
120	Construct Ramp Wall	21 days	Fri 10/10/25	Tue 4/11/25	115
121	Erect Formwork, Beam/Slab Rebar, M&E & Cast Ramp Slab	14 days	Wed 5/11/25	Thu 20/11/25	120
122	**Zone 2**	**143 days**	**Thu 31/7/25**	**Sat 17/1/26**	
123	Excavate & Expose Piles at B2 Level, Lean Conc at PC Area	21 days	Thu 31/7/25	Mon 25/8/25	110FS-30 days
124	Pilehead Hacking and ECC Check	21 days	Mon 4/8/25	Thu 28/8/25	123SS+3 days
125	Erect Pilecap and Lift Pit	21 days	Wed 13/8/25	Fri 5/9/25	124FF+7 days
126	Underground Services	21 days	Thu 21/8/25	Sat 13/9/25	125FF+7 days
127	Slab Lean Concrete	21 days	Mon 25/8/25	Wed 17/9/25	126FF+3 days
128	Install Rebar and Cast Slab at B2 Level	35 days	Thu 28/8/25	Tue 7/10/25	127SS+3 days
129	Construct Wall/Column & Retaining Wall to B2M	35 days	Mon 15/9/25	Sat 25/10/25	128FF+15 days
130	Erect Formwork, Rebars, M&E & Cast B2M Slab	35 days	Fri 26/9/25	Thu 6/11/25	129FF+10 days
131	Construct Wall/Column & Retaining Wall to B1/LL1	35 days	Tue 14/10/25	Mon 24/11/25	130FF+15 days
132	Erect Formwork, Rebars, M&E & Cast B1/LL1 Slab	35 days	Sat 1/11/25	Thu 11/12/25	131FF+15 days
133	Construct Wall/Column & Retaining Wall to UL1	35 days	Wed 19/11/25	Tue 30/12/25	132FF+15 days
134	Erect Formwork, Rebars, M&E & Cast UL1 Slab	28 days	Mon 15/12/25	Sat 17/1/26	133FF+15 days



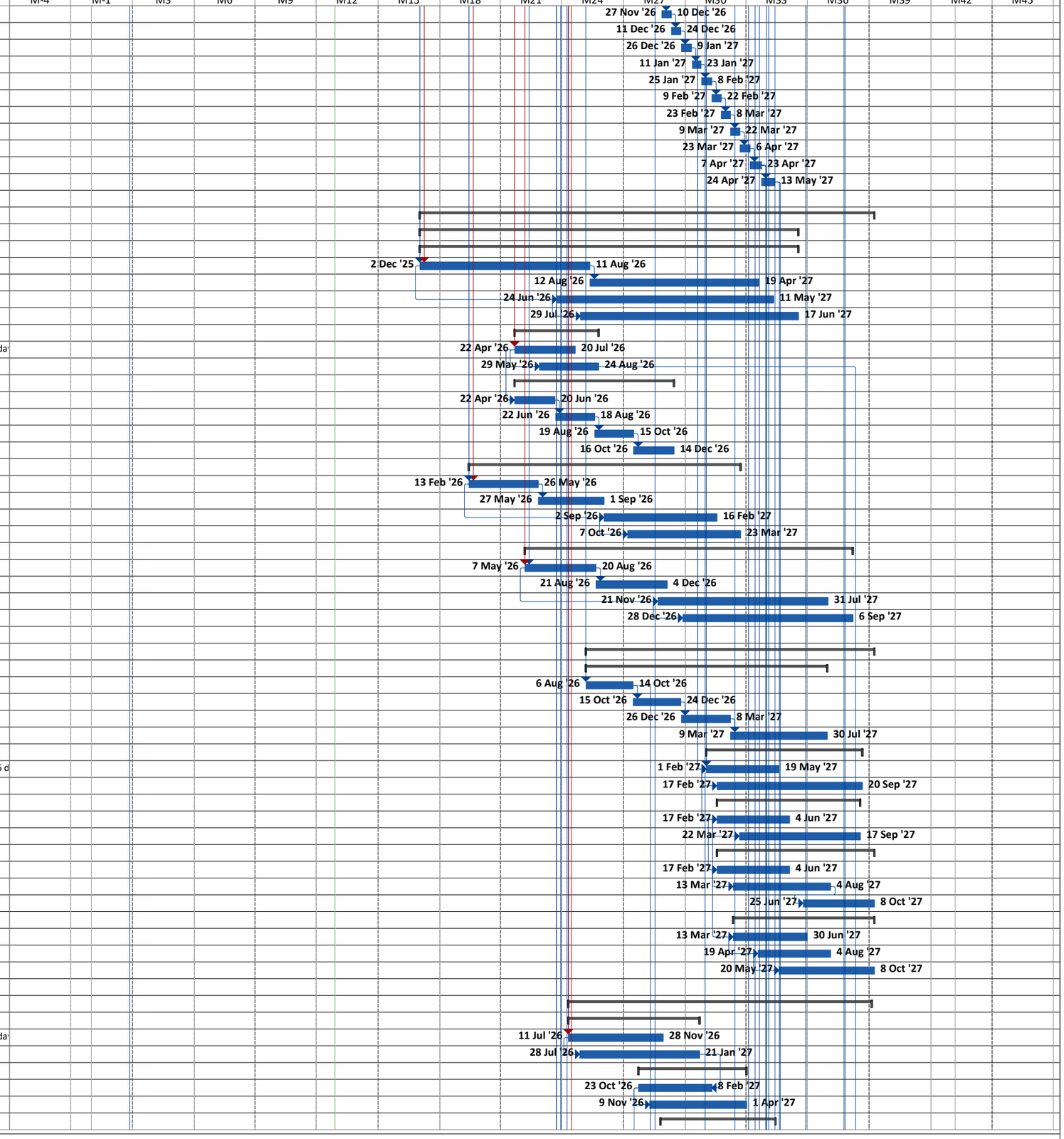
ID	Task Name	Duration	Start	Finish	Predecessors
135	**Zone 3**	**143 days**	**Tue 26/8/25**	**Thu 12/2/26**	
136	Excavate & Expose Piles at B2 Level, Lean Conc at PC Area	21 days	Tue 26/8/25	Thu 18/9/25	123
137	Pilehead Hacking and ECC Check	21 days	Fri 29/8/25	Mon 22/9/25	136SS+3 days
138	Erect Pilecap and Lift Pit	21 days	Sat 6/9/25	Tue 30/9/25	137FF+7 days
139	Underground Services	21 days	Mon 15/9/25	Wed 8/10/25	138FF+7 days
140	Slab Lean Concrete	21 days	Thu 18/9/25	Sat 11/10/25	139FF+3 days
141	Install Rebar and Cast Slab at B2 Level	35 days	Mon 22/9/25	Sat 1/11/25	140SS+3 days
142	Construct Wall/Column & Retaining Wall to B2M	35 days	Thu 9/10/25	Wed 19/11/25	141FF+15 days
143	Erect Formwork, Rebars, M&E & Cast B2M Slab	35 days	Wed 22/10/25	Mon 1/12/25	142FF+10 days
144	Construct Wall/Column & Retaining Wall to B1/LL1	35 days	Sat 8/11/25	Thu 18/12/25	143FF+15 days
145	Erect Formwork, Rebars, M&E & Cast B1/LL1 Slab	35 days	Wed 26/11/25	Wed 7/1/26	144FF+15 days
146	Construct Wall/Column & Retaining Wall to UL1	35 days	Sat 13/12/25	Sat 24/1/26	145FF+15 days
147	Erect Formwork, Rebars, M&E & Cast UL1 Slab	35 days	Fri 2/1/26	Thu 12/2/26	146FF+15 days
148	**Zone 4**	**96 days**	**Tue 23/9/25**	**Thu 15/1/26**	
149	Excavate & Expose Piles at B2 Level, Lean Conc at PC Area	21 days	Tue 23/9/25	Thu 16/10/25	115FS-15 days,136
150	Pilehead Hacking and ECC Check	21 days	Wed 1/10/25	Sat 25/10/25	149FF+7 days
151	Erect Pilecap and Lift Pit	21 days	Sat 4/10/25	Wed 29/10/25	150FF+3 days
152	Underground Services	21 days	Wed 8/10/25	Sat 1/11/25	151SS+3 days
153	Slab Lean Concrete	21 days	Mon 27/10/25	Wed 19/11/25	152FF+15 days
154	Install Rebar and Cast Slab at B2 Level	35 days	Thu 30/10/25	Tue 9/12/25	153SS+3 days
155	Construct Wall/Column & Retaining Wall to B1/LL1	35 days	Mon 17/11/25	Sat 27/12/25	154FF+15 days
156	Erect Formwork, Rebars, M&E & Cast B1/LL1 Slab	35 days	Thu 4/12/25	Thu 15/1/26	155FF+15 days
157					
158	**PBU & APCS Production for Installation**	**453 days**	**Wed 13/8/25**	**Fri 5/2/27**	
159	**Fabrication of PBU RC Carcass & Precast Components**	**277 days**	**Wed 13/8/25**	**Fri 10/7/26**	
160	Mould Fabrications	112 days	Wed 13/8/25	Mon 22/12/25	77SS+14 days
161	Carcass & PC Fabrications	196 days	Mon 17/11/25	Fri 10/7/26	160SS+56 days
162	**Fit Out works at Fabrication Yard**	**342 days**	**Mon 22/12/25**	**Fri 5/2/27**	
163	Carcass & PC delivery from JB fabrication yard	196 days	Mon 22/12/25	Fri 14/8/26	161SS+14 days
164	Fit-out works	196 days	Mon 19/1/26	Wed 9/9/26	163SS+14 days
165	PBU delivery to site	287 days	Fri 27/2/26	Fri 5/2/27	164SS+30 days
166					
167	**Superstructure**	**393 days**	**Tue 27/1/26**	**Thu 13/5/27**	
168	**Block 2 - Tower B (24 Storeys)**	**354 days**	**Thu 26/2/26**	**Sat 24/4/27**	
169	1F (Vertical Elements & Transfer Slab)	25 days	Thu 26/2/26	Thu 26/3/26	119FS+60 days
170	2F	35 days	Tue 24/3/26	Wed 6/5/26	169FS-3 days
171	3F	15 days	Thu 7/5/26	Mon 25/5/26	165SS+7 days,170
172	4F	12 days	Tue 26/5/26	Mon 8/6/26	171
173	5F	12 days	Tue 9/6/26	Mon 22/6/26	172
174	6F	12 days	Tue 23/6/26	Mon 6/7/26	173
175	7F	12 days	Tue 7/7/26	Mon 20/7/26	174
176	8F	12 days	Tue 21/7/26	Mon 3/8/26	175
177	9F	12 days	Tue 4/8/26	Mon 17/8/26	176
178	10F	12 days	Tue 18/8/26	Mon 31/8/26	177
179	11F	12 days	Tue 1/9/26	Mon 14/9/26	178
180	12F	12 days	Tue 15/9/26	Mon 28/9/26	179
181	13F	12 days	Tue 29/9/26	Mon 12/10/26	180
182	14F	12 days	Tue 13/10/26	Tue 27/10/26	181
183	15F	12 days	Wed 28/10/26	Tue 10/11/26	182
184	16F	12 days	Wed 11/11/26	Tue 24/11/26	183
185	17F	12 days	Wed 25/11/26	Tue 8/12/26	184
186	18F	12 days	Wed 9/12/26	Tue 22/12/26	185
187	19F	12 days	Wed 23/12/26	Thu 7/1/27	186
188	20F	12 days	Fri 8/1/27	Thu 21/1/27	187
189	21F	12 days	Fri 22/1/27	Fri 5/2/27	188
190	22F	12 days	Sat 6/2/27	Fri 19/2/27	189
191	23F	12 days	Sat 20/2/27	Fri 5/3/27	190
192	24F	12 days	Sat 6/3/27	Fri 19/3/27	191
193	Roof	15 days	Sat 20/3/27	Wed 7/4/27	192
194	Upper Roof including Roof Parapet	15 days	Thu 8/4/27	Sat 24/4/27	193
195					
196	**Block 2 - Tower A (24 Storeys)**	**354 days**	**Tue 27/1/26**	**Thu 25/3/27**	
197	1F (Vertical Elements)	25 days	Tue 27/1/26	Wed 25/2/26	134FS+7 days
198	2F (Transfer Slab)	35 days	Mon 23/2/26	Sat 4/4/26	197FS-3 days
199	3F	15 days	Mon 6/4/26	Thu 23/4/26	165SS+14 days,198
200	4F	12 days	Fri 24/4/26	Fri 8/5/26	199
201	5F	12 days	Sat 9/5/26	Sat 23/5/26	200



ID	Task Name	Duration	Start	Finish	Predecessors
202	6F	12 days	Mon 25/5/26	Sat 6/6/26	201
203	7F	12 days	Mon 8/6/26	Sat 20/6/26	202
204	8F	12 days	Mon 22/6/26	Sat 4/7/26	203
205	9F	12 days	Mon 6/7/26	Sat 18/7/26	204
206	10F	12 days	Mon 20/7/26	Sat 1/8/26	205
207	11F	12 days	Mon 3/8/26	Sat 15/8/26	206
208	12F	12 days	Mon 17/8/26	Sat 29/8/26	207
209	13F	12 days	Mon 31/8/26	Sat 12/9/26	208
210	14F	12 days	Mon 14/9/26	Sat 26/9/26	209
211	15F	12 days	Mon 28/9/26	Sat 10/10/26	210
212	16F	12 days	Mon 12/10/26	Mon 26/10/26	211
213	17F	12 days	Tue 27/10/26	Mon 9/11/26	212
214	18F	12 days	Tue 10/11/26	Mon 23/11/26	213
215	19F	12 days	Tue 24/11/26	Mon 7/12/26	214
216	20F	12 days	Tue 8/12/26	Mon 21/12/26	215
217	21F	12 days	Tue 22/12/26	Wed 6/1/27	216
218	22F	12 days	Thu 7/1/27	Wed 20/1/27	217
219	23F	12 days	Thu 21/1/27	Thu 4/2/27	218
220	24F	12 days	Fri 5/2/27	Thu 18/2/27	219
221	Roof	15 days	Fri 19/2/27	Mon 8/3/27	220
222	Upper Roof including Roof Parapet	15 days	Tue 9/3/27	Thu 25/3/27	221
223					
224	**Block 1 - Tower B (24 Storeys)**	**354 days**	**Fri 13/2/26**	**Mon 12/4/27**	
225	1F (Vertical Elements & Transfer Slab)	25 days	Fri 13/2/26	Fri 13/3/26	147
226	2F	35 days	Wed 11/3/26	Wed 22/4/26	225FS-3 days
227	3F	15 days	Thu 23/4/26	Mon 11/5/26	165SS+21 days,226
228	4F	12 days	Wed 13/5/26	Tue 26/5/26	227
229	5F	12 days	Wed 27/5/26	Tue 9/6/26	228
230	6F	12 days	Wed 10/6/26	Tue 23/6/26	229
231	7F	12 days	Wed 24/6/26	Tue 7/7/26	230
232	8F	12 days	Wed 8/7/26	Tue 21/7/26	231
233	9F	12 days	Wed 22/7/26	Tue 4/8/26	232
234	10F	12 days	Wed 5/8/26	Tue 18/8/26	233
235	11F	12 days	Wed 19/8/26	Tue 1/9/26	234
236	12F	12 days	Wed 2/9/26	Tue 15/9/26	235
237	13F	12 days	Wed 16/9/26	Tue 29/9/26	236
238	14F	12 days	Wed 30/9/26	Tue 13/10/26	237
239	15F	12 days	Wed 14/10/26	Wed 28/10/26	238
240	16F	12 days	Thu 29/10/26	Wed 11/11/26	239
241	17F	12 days	Thu 12/11/26	Wed 25/11/26	240
242	18F	12 days	Thu 26/11/26	Wed 9/12/26	241
243	19F	12 days	Thu 10/12/26	Wed 23/12/26	242
244	20F	12 days	Thu 24/12/26	Fri 8/1/27	243
245	21F	12 days	Sat 9/1/27	Fri 22/1/27	244
246	22F	12 days	Sat 23/1/27	Sat 6/2/27	245
247	23F	12 days	Mon 8/2/27	Sat 20/2/27	246
248	24F	12 days	Mon 22/2/27	Sat 6/3/27	247
249	Roof	15 days	Mon 8/3/27	Wed 24/3/27	248
250	Upper Roof including Roof Parapet	15 days	Thu 25/3/27	Mon 12/4/27	249
251					
252	**Block 1 - Tower A (24 Storeys)**	**372 days**	**Sat 21/2/26**	**Thu 13/5/27**	
253	1F (Vertical Elements) to 2F	25 days	Sat 21/2/26	Sat 21/3/26	147FS+7 days
254	1F (vertical Elements) to 3F	45 days	Sat 21/2/26	Wed 15/4/26	253SS
255	2F (Transfer Slab)	35 days	Thu 19/3/26	Thu 30/4/26	253FS-3 days
256	3F (Transfer Slab)	30 days	Sat 2/5/26	Sat 6/6/26	254,255
257	4F	15 days	Mon 8/6/26	Wed 24/6/26	256
258	5F	12 days	Thu 25/6/26	Wed 8/7/26	257
259	6F	12 days	Thu 9/7/26	Wed 22/7/26	258
260	7F	12 days	Thu 23/7/26	Wed 5/8/26	259
261	8F	12 days	Thu 6/8/26	Wed 19/8/26	260
262	9F	12 days	Thu 20/8/26	Wed 2/9/26	261
263	10F	12 days	Thu 3/9/26	Wed 16/9/26	262
264	11F	12 days	Thu 17/9/26	Wed 30/9/26	263
265	12F	12 days	Thu 1/10/26	Wed 14/10/26	264
266	13F	12 days	Thu 15/10/26	Thu 29/10/26	265
267	14F	12 days	Fri 30/10/26	Thu 12/11/26	266
268	15F	12 days	Fri 13/11/26	Thu 26/11/26	267

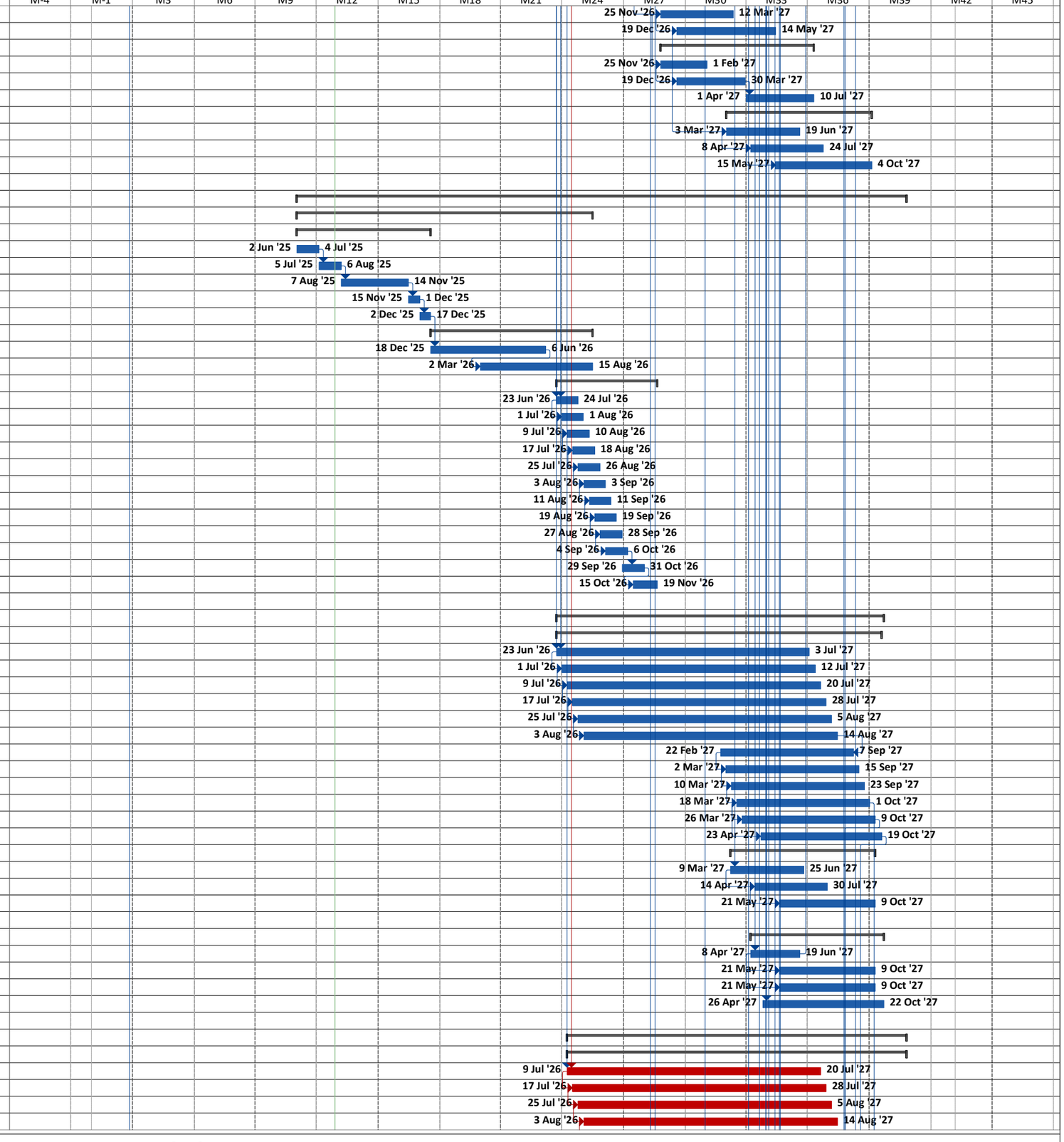


ID	Task Name	Duration	Start	Finish	Predecessors
269	16F	12 days	Fri 27/11/26	Thu 10/12/26	268
270	17F	12 days	Fri 11/12/26	Thu 24/12/26	269
271	18F	12 days	Sat 26/12/26	Sat 9/1/27	270
272	19F	12 days	Mon 11/1/27	Sat 23/1/27	271
273	20F	12 days	Mon 25/1/27	Mon 8/2/27	272
274	21F	12 days	Tue 9/2/27	Mon 22/2/27	273
275	22F	12 days	Tue 23/2/27	Mon 8/3/27	274
276	23F	12 days	Tue 9/3/27	Mon 22/3/27	275
277	24F	12 days	Tue 23/3/27	Tue 6/4/27	276
278	Roof	15 days	Wed 7/4/27	Fri 23/4/27	277
279	Upper Roof including Roof Parapet	15 days	Sat 24/4/27	Thu 13/5/27	278
280					
281	**Architectural and M&E Work to Basement 1 & 2 and L1**	**564 days**	**Tue 2/12/25**	**Fri 8/10/27**	
282	**Architectural and M&E Work for Basement 2**	**468 days**	**Tue 2/12/25**	**Thu 17/6/27**	
283	**Carpark Area**	**468 days**	**Tue 2/12/25**	**Thu 17/6/27**	
284	Blockwork to Lobbies	210 days	Tue 2/12/25	Tue 11/8/26	117,130,143
285	ID & M&E Works in Lobbies	210 days	Wed 12/8/26	Mon 19/4/27	284
286	Wall/Column & Ceiling Plaster/Skimcoat & Painting (Outside	270 days	Wed 24/6/26	Tue 11/5/27	284SS+168 days
287	M&E Services (Outside lobbies)	270 days	Wed 29/7/26	Thu 17/6/27	286SS+30 days
288	**Substation and Transformer Room**	**105 days**	**Wed 22/4/26**	**Mon 24/8/26**	
289	Archi Works	75 days	Wed 22/4/26	Mon 20/7/26	119FS+56 days,134FS+56 da
290	M&E Works	75 days	Fri 29/5/26	Mon 24/8/26	289SS+30 days
291	**Bin Center**	**200 days**	**Wed 22/4/26**	**Mon 14/12/26**	
292	Blockwork	50 days	Wed 22/4/26	Sat 20/6/26	289SS
293	Wall/Column & Ceiling Plaster/Skimcoat & Painting	50 days	Mon 22/6/26	Tue 18/8/26	292
294	Accessories	50 days	Wed 19/8/26	Thu 15/10/26	293
295	M&E Services	50 days	Fri 16/10/26	Mon 14/12/26	294
296	**Architectural and M&E Work for Basement 2 Mezzanine**	**338 days**	**Fri 13/2/26**	**Tue 23/3/27**	
297	Blockwork to Lobbies	84 days	Fri 13/2/26	Tue 26/5/26	119,134,147,156
298	ID & M&E Works in Lobbies	84 days	Wed 27/5/26	Tue 1/9/26	297
299	Wall/Column & Ceiling Plaster/Skimcoat & Painting (Outside lot	140 days	Wed 2/9/26	Tue 16/2/27	297SS+168 days
300	M&E Services (Outside lobbies)	140 days	Wed 7/10/26	Tue 23/3/27	299SS+30 days
301	**Architectural and M&E Work for Basement 1/Lower L1**	**408 days**	**Thu 7/5/26**	**Mon 6/9/27**	
302	Blockwork to Lobbies	90 days	Thu 7/5/26	Thu 20/8/26	170,198,226,255
303	ID & M&E Works in Lobbies	90 days	Fri 21/8/26	Fri 4/12/26	302
304	Wall/Column & Ceiling Plaster/Skimcoat & Painting (Outside lot	210 days	Sat 21/11/26	Sat 31/7/27	302SS+168 days
305	M&E Services (Outside lobbies)	210 days	Mon 28/12/26	Mon 6/9/27	304SS+30 days
306					
307	**Lower L1 E-deck**	**359 days**	**Thu 6/8/26**	**Fri 8/10/27**	
308	**Function Room & Gym (Clubhouse)**	**300 days**	**Thu 6/8/26**	**Fri 30/7/27**	
309	Structural Works	60 days	Thu 6/8/26	Wed 14/10/26	156FS+168 days
310	Architectural Walls	60 days	Thu 15/10/26	Thu 24/12/26	309
311	Wall & Ceiling Finishes (Wet Trade)	60 days	Sat 26/12/26	Mon 8/3/27	310
312	ID Works	120 days	Tue 9/3/27	Fri 30/7/27	311
313	**Pools & Water Festures**	**194 days**	**Mon 1/2/27**	**Mon 20/9/27**	
314	RC Wall	90 days	Mon 1/2/27	Wed 19/5/27	119,134,147,156,193FS-56 d
315	Water proofing & Finishes	180 days	Wed 17/2/27	Mon 20/9/27	314SS+14 days
316	**Staircases, Walkways & Deckings**	**178 days**	**Wed 17/2/27**	**Fri 17/9/27**	
317	RC Walls & Slab (incl planter walls)	90 days	Wed 17/2/27	Fri 4/6/27	314SS+14 days
318	Water proofing & Finishes	150 days	Mon 22/3/27	Fri 17/9/27	317SS+28 days
319	**Pavilions and Playground**	**196 days**	**Wed 17/2/27**	**Fri 8/10/27**	
320	Structural works	90 days	Wed 17/2/27	Fri 4/6/27	317SS
321	Water proofing & Finishes	120 days	Sat 13/3/27	Wed 4/8/27	320SS+21 days
322	Furnitures & Equipments	90 days	Fri 25/6/27	Fri 8/10/27	321FS-35 days
323	**Planters**	**175 days**	**Sat 13/3/27**	**Fri 8/10/27**	
324	Application of Water proofing	90 days	Sat 13/3/27	Wed 30/6/27	317SS+21 days
325	Soiling	90 days	Mon 19/4/27	Wed 4/8/27	324SS+30 days
326	Planting & Irrigation	120 days	Thu 20/5/27	Fri 8/10/27	325SS+25 days
327					
328	**Upper L1 E-deck Archi and M&E Works**	**377 days**	**Sat 11/7/26**	**Mon 4/10/27**	
329	**Ceiling Works**	**164 days**	**Sat 11/7/26**	**Thu 21/1/27**	
330	Skim coat & painting	120 days	Sat 11/7/26	Sat 28/11/26	172FS+14 days,200FS+14 da
331	M&E Services	150 days	Tue 28/7/26	Thu 21/1/27	330SS+14 days
332	**Pools & Water Festures**	**134 days**	**Fri 23/10/26**	**Thu 1/4/27**	
333	RC Wall	90 days	Fri 23/10/26	Mon 8/2/27	331FF+14 days
334	Water proofing & Finishes	120 days	Mon 9/11/26	Thu 1/4/27	333SS+14 days
335	**Walkways & Deckings**	**141 days**	**Wed 25/11/26**	**Fri 14/5/27**	

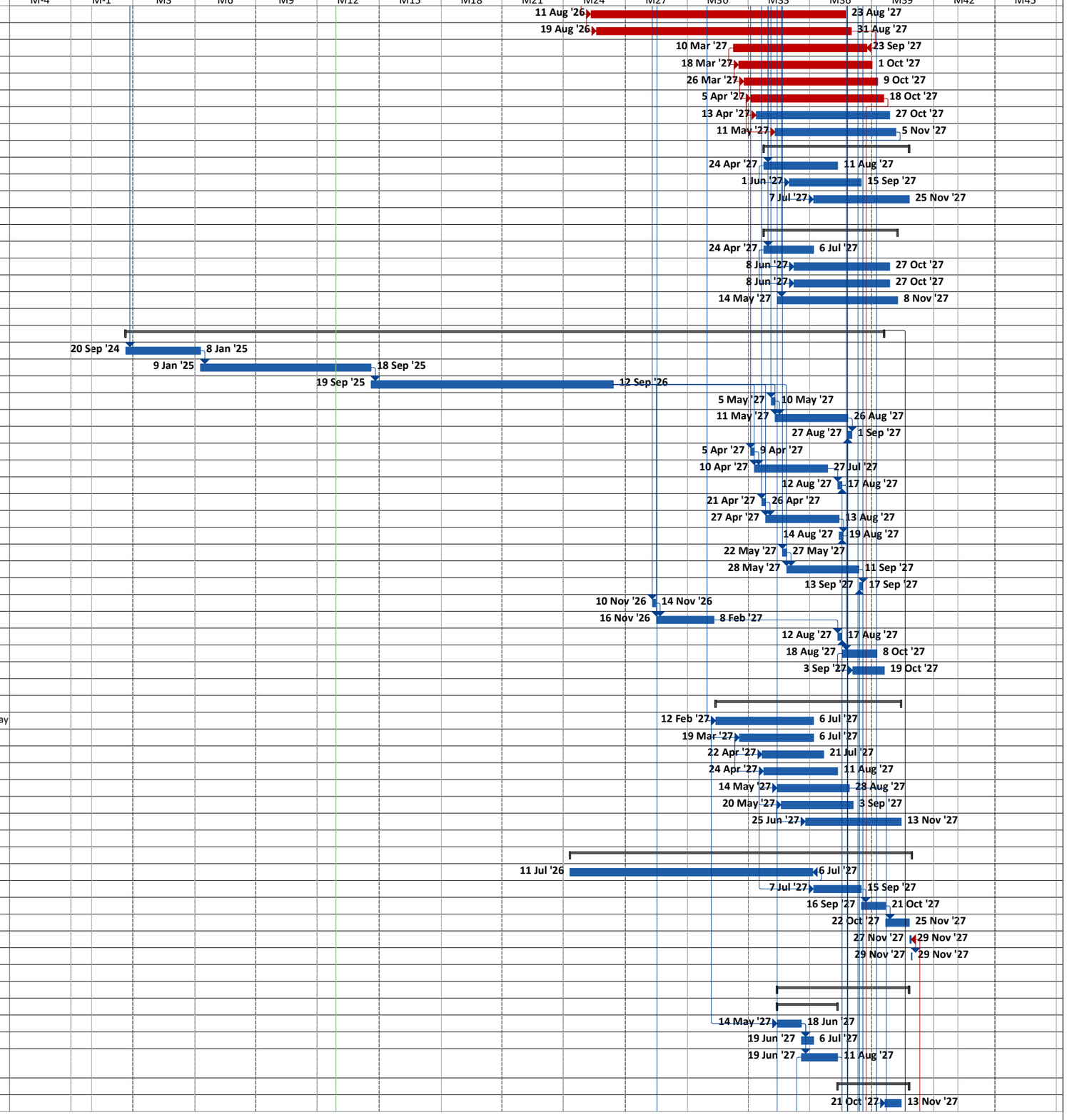


Project Stellar **20250729 (Rev. 1)**

ID	Task Name	Duration	Start	Finish	Predecessors
336	RC Walls & Slab (incl planter walls)	90 days	Wed 25/11/26	Fri 12/3/27	333SS+28 days
337	Water proofing & Finishes	120 days	Sat 19/12/26	Fri 14/5/27	336SS+21 days
338	**Pods**	**189 days**	**Wed 25/11/26**	**Sat 10/7/27**	
339	Structural works	56 days	Wed 25/11/26	Mon 1/2/27	336SS
340	Water proofing & Finishes	84 days	Sat 19/12/26	Tue 30/3/27	339SS+21 days
341	Furnitures & Equipments	84 days	Thu 1/4/27	Sat 10/7/27	340
342	**Planters**	**180 days**	**Wed 3/3/27**	**Mon 4/10/27**	
343	Application of Water proofing	90 days	Wed 3/3/27	Sat 19/6/27	337SS+60 days
344	Soiling	90 days	Thu 8/4/27	Sat 24/7/27	343SS+30 days
345	Planting & Irrigation	120 days	Sat 15/5/27	Mon 4/10/27	344SS+30 days
346					
347	**Architectural and M&E Work for Tower 1 & 2**	**758 days**	**Mon 2/6/25**	**Thu 25/11/27**	
348	**Aluminium Window**	**368 days**	**Mon 2/6/25**	**Sat 15/8/26**	
349	**Mock-up**	**168 days**	**Mon 2/6/25**	**Wed 17/12/25**	
350	Preparation of Shop Drawings	28 days	Mon 2/6/25	Fri 4/7/25	
351	Review and Approval of Shop Drawings	28 days	Sat 5/7/25	Wed 6/8/25	350
352	Fabrication of Aluminium Frame and Glazing	84 days	Thu 7/8/25	Fri 14/11/25	351
353	Offsite Assembly & Installation	14 days	Sat 15/11/25	Mon 1/12/25	352
354	Review and Approval of Mock-ups	14 days	Tue 2/12/25	Wed 17/12/25	353
355	**Fabrication**	**200 days**	**Thu 18/12/25**	**Sat 15/8/26**	
356	Block 2 A & B	140 days	Thu 18/12/25	Sat 6/6/26	354
357	Block 1 A & B	140 days	Mon 2/3/26	Sat 15/8/26	356FS-80 days
358	**Unit Mock-ups (Level 3)**	**128 days**	**Tue 23/6/26**	**Thu 19/11/26**	
359	Ceiling Skimcoat & M/E 1st Fix	28 days	Tue 23/6/26	Fri 24/7/26	173,201
360	Block Work / Dry Wall Partition	28 days	Wed 1/7/26	Sat 1/8/26	359SS+7 days
361	Door Subframe / Window Frame / Concealed Services	28 days	Thu 9/7/26	Mon 10/8/26	360SS+7 days
362	Waterproofing & Protection Screed	28 days	Fri 17/7/26	Tue 18/8/26	361SS+7 days
363	M & E Services above Ceiling & False Ceiling	28 days	Sat 25/7/26	Wed 26/8/26	362SS+7 days
364	Plaster & Tiling	28 days	Mon 3/8/26	Thu 3/9/26	363SS+7 days
365	Painting, Alum Glazing, Railing	28 days	Tue 11/8/26	Fri 11/9/26	364SS+7 days
366	Bedroom Flooring, Door, Wardrobe	28 days	Wed 19/8/26	Sat 19/9/26	365SS+7 days
367	Vanity Counter & Kitchen Cabinet	28 days	Thu 27/8/26	Mon 28/9/26	366SS+7 days
368	Shower Screen, Wares / Fittings	28 days	Fri 4/9/26	Tue 6/10/26	367SS+7 days
369	Final Finishing Work	28 days	Tue 29/9/26	Sat 31/10/26	368FS-7 days
370	Review and Approval of QCU	30 days	Thu 15/10/26	Thu 19/11/26	369FS-14 days
371					
372	**Architectural and M&E Works for Block 2 - 24 Storeys**	**408 days**	**Tue 23/6/26**	**Fri 22/10/27**	
373	**Lobbies, Corridors, Sky Terrace and Units**	**406 days**	**Tue 23/6/26**	**Tue 19/10/27**	
374	Ceiling Skimcoat & M/E 1st Fix	315 days	Tue 23/6/26	Sat 3/7/27	173,201
375	Block Work / Dry Wall Partition	315 days	Wed 1/7/26	Mon 12/7/27	374SS+7 days
376	Door Subframe / Window Frame / Concealed Services	315 days	Thu 9/7/26	Tue 20/7/27	375SS+7 days
377	Waterproofing & Protection Screed	315 days	Fri 17/7/26	Wed 28/7/27	376SS+7 days
378	M & E Services above Ceiling & False Ceiling	315 days	Sat 25/7/26	Thu 5/8/27	377SS+7 days
379	Plaster & Tiling	315 days	Mon 3/8/26	Sat 14/8/27	378SS+7 days
380	Painting (int), Alum Glazing, Railing	165 days	Mon 22/2/27	Tue 7/9/27	379FF+20 days
381	Bedroom Flooring, Door, Wardrobe	165 days	Tue 2/3/27	Wed 15/9/27	380SS+7 days
382	Vanity Counter & Kitchen Cabinet	165 days	Wed 10/3/27	Thu 23/9/27	381SS+7 days
383	Shower Screen, Wares / Fittings	165 days	Thu 18/3/27	Fri 1/10/27	382SS+7 days
384	Final Finishing Work	165 days	Fri 26/3/27	Sat 9/10/27	383SS+7 days
385	Lift Lobbies M&e and Archi Works	150 days	Fri 23/4/27	Tue 19/10/27	383SS+30 days
386	**Sky Terrace Planters**	**180 days**	**Tue 9/3/27**	**Sat 9/10/27**	
387	Application of Water proofing	90 days	Tue 9/3/27	Fri 25/6/27	221
388	Soiling	90 days	Wed 14/4/27	Fri 30/7/27	387SS+30 days
389	Planting & Irrigation	120 days	Fri 21/5/27	Sat 9/10/27	388SS+30 days
390					
391	**Roof Archi and M&E Works & External Wall**	**165 days**	**Thu 8/4/27**	**Fri 22/10/27**	
392	Roof Waterproofing & Protection Screed	60 days	Thu 8/4/27	Sat 19/6/27	193
393	M&E works at Roof	120 days	Fri 21/5/27	Sat 9/10/27	392SS+35 days
394	Roof Archi Works	120 days	Fri 21/5/27	Sat 9/10/27	392SS+35 days
395	External Plaster & Painting	150 days	Mon 26/4/27	Fri 22/10/27	194
396					
397	**Architectural and M&E Works for Block 1 - 24 Storeys**	**423 days**	**Thu 9/7/26**	**Thu 25/11/27**	
398	**Lobbies, Corridors, Sky Terrace and Units**	**423 days**	**Thu 9/7/26**	**Thu 25/11/27**	
399	Ceiling Skimcoat & M/E 1st Fix	315 days	Thu 9/7/26	Tue 20/7/27	229,258
400	Block Work / Dry Wall Partition	315 days	Fri 17/7/26	Wed 28/7/27	399SS+7 days
401	Door Subframe / Window Frame / Concealed Services	315 days	Sat 25/7/26	Thu 5/8/27	400SS+7 days
402	Waterproofing & Protection Screed	315 days	Mon 3/8/26	Sat 14/8/27	401SS+7 days

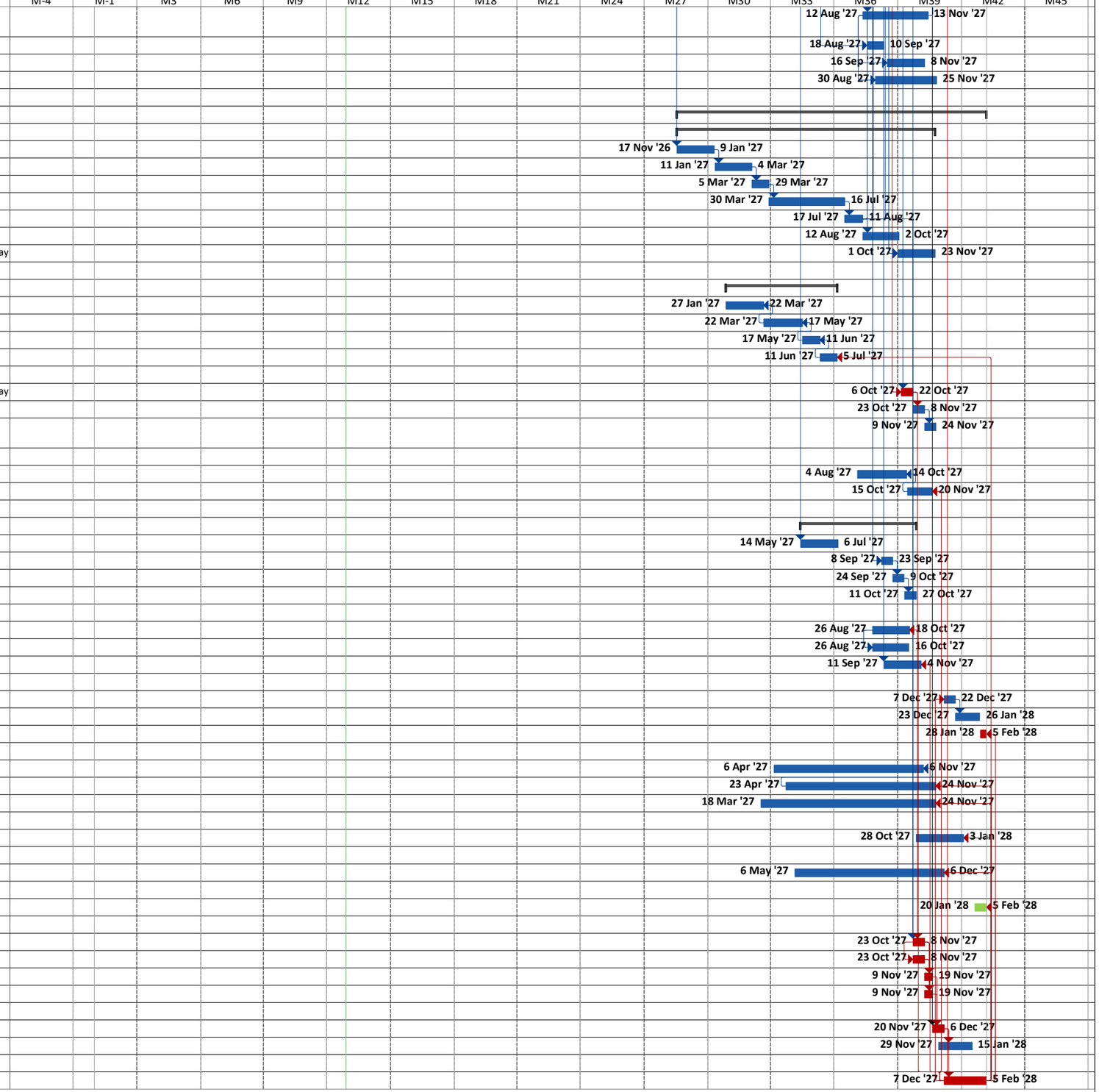


ID	Task Name	Duration	Start	Finish	Predecessors
403	M & E Services above Ceiling & False Ceiling	315 days	Tue 11/8/26	Mon 23/8/27	402SS+7 days
404	Plaster & Tiling	315 days	Wed 19/8/26	Tue 31/8/27	403SS+7 days
405	Painting (int), Alum Glazing, Railing	165 days	Wed 10/3/27	Thu 23/9/27	404FF+20 days
406	Bedroom Flooring, Door, Wardrobe	165 days	Thu 18/3/27	Fri 1/10/27	405SS+7 days
407	Vanity Counter & Kitchen Cabinet	165 days	Fri 26/3/27	Sat 9/10/27	406SS+7 days
408	Shower Screen, Wares / Fittings	165 days	Mon 5/4/27	Mon 18/10/27	407SS+7 days
409	Final Finishing Work	165 days	Tue 13/4/27	Wed 27/10/27	408SS+7 days
410	Lift Lobbies M&e and Archi Works	150 days	Tue 11/5/27	Fri 5/11/27	408SS+30 days
411	**Sky Terrace Planters**	**180 days**	**Sat 24/4/27**	**Thu 25/11/27**	
412	Application of Water proofing	90 days	Sat 24/4/27	Wed 11/8/27	278
413	Soiling	90 days	Tue 1/6/27	Wed 15/9/27	412SS+30 days
414	Planting & Irrigation	120 days	Wed 7/7/27	Thu 25/11/27	413SS+30 days
415					
416	**Roof Archi and M&E Works & External Wall**	**165 days**	**Sat 24/4/27**	**Mon 8/11/27**	
417	Roof Waterproofing & Protection Screed	60 days	Sat 24/4/27	Tue 6/7/27	278
418	M&E works at Roof	120 days	Tue 8/6/27	Wed 27/10/27	417SS+35 days
419	Roof Archi Works	120 days	Tue 8/6/27	Wed 27/10/27	417SS+35 days
420	External Plaster & Painting	150 days	Fri 14/5/27	Mon 8/11/27	279
421					
422	**Lift Work**	**938 days**	**Fri 20/9/24**	**Tue 19/10/27**	
423	Confirmation of Lift Contractor	93 days	Fri 20/9/24	Wed 8/1/25	2
424	Samples & Shopdrawing Submission and Approval	210 days	Thu 9/1/25	Thu 18/9/25	423
425	Procurement, Fabrication & Delivery to Singapore	300 days	Fri 19/9/25	Sat 12/9/26	424
426	Take Over Lift Shaft (Block 2 Tower B)	5 days	Wed 5/5/27	Mon 10/5/27	194FS+7 days
427	Lift Installation Work	90 days	Tue 11/5/27	Thu 26/8/27	425,426
428	Lift T&C	5 days	Fri 27/8/27	Wed 1/9/27	427,479
429	Take Over Lift Shaft (Block 2 Tower A)	5 days	Mon 5/4/27	Fri 9/4/27	222FS+7 days
430	Lift Installation Work	90 days	Sat 10/4/27	Tue 27/7/27	425,429
431	Lift T&C	5 days	Thu 12/8/27	Tue 17/8/27	430,479
432	Take Over Lift Shaft (Block 1 Tower B)	5 days	Wed 21/4/27	Mon 26/4/27	250FS+7 days
433	Lift Installation Work	90 days	Tue 27/4/27	Fri 13/8/27	425,432
434	Lift T&C	5 days	Sat 14/8/27	Thu 19/8/27	433,479
435	Take Over Lift Shaft (Block 1 Tower A)	5 days	Sat 22/5/27	Thu 27/5/27	279FS+7 days
436	Lift Installation Work	90 days	Fri 28/5/27	Sat 11/9/27	425,435
437	Lift T&C	5 days	Mon 13/9/27	Fri 17/9/27	436,479
438	Take Over Lift Shaft (Clubhouse)	5 days	Tue 10/11/26	Sat 14/11/26	309FS+21 days
439	Lift Installation Work	70 days	Mon 16/11/26	Mon 8/2/27	425,438
440	Lift T&C	5 days	Thu 12/8/27	Tue 17/8/27	439,479
441	Lift Mock Up Review & Approval	45 days	Wed 18/8/27	Fri 8/10/27	431
442	Lift Interior Works (Remaining Lift)	40 days	Fri 3/9/27	Tue 19/10/27	441SS+14 days
443					
444	**External Works**	**230 days**	**Fri 12/2/27**	**Sat 13/11/27**	
445	Boundary Wall & Works along SPD	120 days	Fri 12/2/27	Tue 6/7/27	221FS-35 days,249FS-35 day
446	Perimeter Drain, Bulk Chamber, Valve Meter Chamber	90 days	Fri 19/3/27	Tue 6/7/27	445SS+30 days
447	Underground Piping for Hydrant, Sanitary, Gas, Water etc	75 days	Thu 22/4/27	Wed 21/7/27	446SS+28 days
448	Driveway and Walkway RC Work	90 days	Sat 24/4/27	Wed 11/8/27	446SS+30 days
449	Guardhouse (C&S, Archi & M&E Works)	90 days	Fri 14/5/27	Sat 28/8/27	448SS+15 days
450	Walkway and Driveway Finishes	90 days	Thu 20/5/27	Fri 3/9/27	448SS+20 days
451	Landscaping (External)	120 days	Fri 25/6/27	Sat 13/11/27	450SS+30 days
452					
453	**Road Widening**	**424 days**	**Sat 11/7/26**	**Mon 29/11/27**	
454	Authorities Clearance	300 days	Sat 11/7/26	Tue 6/7/27	455SF-1 day
455	Entrance Box Culvert	60 days	Wed 7/7/27	Wed 15/9/27	448SS+60 days
456	Kerb Work	30 days	Thu 16/9/27	Thu 21/10/27	455
457	Landscape and Signage	30 days	Fri 22/10/27	Thu 25/11/27	456
458	Road Asphalt	1 day	Sat 27/11/27	Mon 29/11/27	528SF-7 days
459	Driveway Marking	1 day	Mon 29/11/27	Mon 29/11/27	458
460					
461	**Plot 3**	**165 days**	**Fri 14/5/27**	**Thu 25/11/27**	
462	**RC Works**	**75 days**	**Fri 14/5/27**	**Wed 11/8/27**	
463	Detention Tank	30 days	Fri 14/5/27	Fri 18/6/27	445SS+75 days
464	Tennis Court & Pickle Ball Court	15 days	Sat 19/6/27	Tue 6/7/27	463
465	BBQ Pavilion, Tree House, Playground, Amphitheatre, Fitness Corner, Walkway and Boundary Wall & Planter Wall	45 days	Sat 19/6/27	Wed 11/8/27	463
466	**Archi and M&E Works**	**90 days**	**Thu 12/8/27**	**Thu 25/11/27**	
467	Tennis Court & Pickle Ball	21 days	Thu 21/10/27	Sat 13/11/27	468FS-21 days



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ID	Task Name	Duration	Start	Finish	Predecessors
468	BBQ Pavilion, Tree House, Playground, Amphitheatre, Fitness Corner, Walkway	80 days	Thu 12/8/27	Sat 13/11/27	465
469	Lightings	21 days	Wed 18/8/27	Fri 10/9/27	465SS+50 days
470	Fencing for Boundary, Tennis Court, Pickle Ball Court	45 days	Thu 16/9/27	Mon 8/11/27	468SS+30 days
471	Landscaping	75 days	Mon 30/8/27	Thu 25/11/27	468SS+15 days
472					
473	**Authorities Inspection**	**371 days**	**Tue 17/11/26**	**Sat 5/2/28**	
474	**Sub-Station Works**	**310 days**	**Tue 17/11/26**	**Tue 23/11/27**	
475	Archi Works	45 days	Tue 17/11/26	Sat 9/1/27	261FS+75 days
476	M&E Works	45 days	Mon 11/1/27	Thu 4/3/27	475
477	Sub-Station Inspection and Handover to Powergrid	21 days	Fri 5/3/27	Mon 29/3/27	476
478	Equipment Installation by Powergrid	90 days	Tue 30/3/27	Fri 16/7/27	477
479	Electrical Turn On	21 days	Sat 17/7/27	Wed 11/8/27	478
480	Turn on to Switchroom	45 days	Thu 12/8/27	Sat 2/10/27	479
481	Unit Electrical T&C	45 days	Fri 1/10/27	Tue 23/11/27	385FS-30 days,410FS-30 day
482					
483	**MDF/CDR Handover**	**132 days**	**Wed 27/1/27**	**Mon 5/7/27**	
484	Architectural Works	45 days	Wed 27/1/27	Mon 22/3/27	485SF
485	M&E Works	45 days	Mon 22/3/27	Mon 17/5/27	486SF
486	Inspection	21 days	Mon 17/5/27	Fri 11/6/27	487SF
487	MDF/CDR Handover	21 days	Fri 11/6/27	Mon 5/7/27	528FF-180 days
488					
489	Water Turn on Inspection & Turn On	14 days	Wed 6/10/27	Fri 22/10/27	383FS-11 days,408FS-11 day
490	Flushing of Sewer Line & Sanitary System	14 days	Sat 23/10/27	Mon 8/11/27	489
491	Inspection of Sewer Line, Sanitary System, Detention Tank, Drainage & Clearance	14 days	Tue 9/11/27	Wed 24/11/27	490
492					
493	Gas Pressure Test	60 days	Wed 4/8/27	Thu 14/10/27	494SF-1 day
494	Gas Turn on	30 days	Fri 15/10/27	Sat 20/11/27	528SF-14 days
495					
496	**Staircase SS & HS Inspection & Clearance**	**140 days**	**Fri 14/5/27**	**Wed 27/10/27**	
497	Block 2 (SS) - 1st on-site Inspection	45 days	Fri 14/5/27	Tue 6/7/27	194FS+14 days
498	Block 2 (HS)	14 days	Wed 8/9/27	Thu 23/9/27	384FS-28 days
499	Block 1 (SS)	14 days	Fri 24/9/27	Sat 9/10/27	498
500	Block 1 (HS)	14 days	Mon 11/10/27	Wed 27/10/27	499
501					
502	Ambient Noise Submission	45 days	Thu 26/8/27	Mon 18/10/27	528SF-42 days
503	Unit Noise Submission	45 days	Thu 26/8/27	Sat 16/10/27	502SS
504	Bin Centre Submission (NEA)	45 days	Sat 11/9/27	Thu 4/11/27	290,528SF-28 days
505					
506	Lift Lodgement through Leap Portal to register Lift Contractor	14 days	Tue 7/12/27	Wed 22/12/27	528SS
507	Lift Examination and Submission to Lift Processing Officer	28 days	Thu 23/12/27	Wed 26/1/28	506
508	Payment of Lodgement Fee and Obtained Lift PTO	7 days	Fri 28/1/28	Sat 5/2/28	528FF
509					
510	NS preparation for Unit QM	180 days	Tue 6/4/27	Sat 6/11/27	511SF+165 days
511	BCA QM Inspection to Unit	180 days	Fri 23/4/27	Wed 24/11/27	528FF-60 days
512	Conquas Inspection to Common Areas	210 days	Thu 18/3/27	Wed 24/11/27	528FF-60 days
513					
514	BCA Greenmark Assessment	56 days	Thu 28/10/27	Mon 3/1/28	528FF-28 days
515					
516	Signage Preparation & Installation (incl. Authorities Signages)	180 days	Thu 6/5/27	Mon 6/12/27	528FF-50 days
517					
518	Pool Water testing and obtain Pool License	14 days	Thu 20/1/28	Sat 5/2/28	528FF
519					
520	RI related M&E System Combined Test	14 days	Sat 23/10/27	Mon 8/11/27	449,479,489
521	Submission of RI Documents	14 days	Sat 23/10/27	Mon 8/11/27	520SS
522	Pre-RI Inspection (M&E)	10 days	Tue 9/11/27	Fri 19/11/27	520,521
523	Pre-RI Inspection (Archi)	10 days	Tue 9/11/27	Fri 19/11/27	520,521
524					
525	RI Inspection	14 days	Sat 20/11/27	Mon 6/12/27	422,522,523
526	FSSD	40 days	Mon 29/11/27	Sat 15/1/28	525FS-7 days
527					
528	TOP Inspection & Obtained TOP	50 days	Tue 7/12/27	Sat 5/2/28	525



SECTION 4

PROGRAMME

4.2 Authority Submission Status for M&E Services – 1st Submission

Service	Authority	Original Submission			Comments/Resubmission			Approval/		
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd	10 Nov 23	10 Nov 23	21 Nov 23	21 Nov 23					30 Nov 23
Power Supply Substation	SP PowerGrid Ltd	7-May-24	7-May-24	15-May-24	30-May-24	12-Jun-24	23-Sept-24	3-Oct-24	24-Oct-24	30-Oct-24
LT Reticulation	SP Services Ltd	31 May 24	31 May 24	9 July 24	14 Aug 24	5-Nov-24	8-Nov-24			
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply	PUB (Water Supply) Network Dept	16-Oct-24	16-Oct-24	12-Nov-24	19-Dec-24	15/01/2025				
External Water Reticulation System	PUB (Water Supply) Network Dept	17 Aug 23	17 Aug 23	31-Oct-23	8-Oct-24	17-Nov-24	16-Dec-24			3-Feb-25
Telephone Installation	TFCC	31 May 24	31 May 24	26 Jun 24	5 Aug 24	29-Oct-24	6-Nov-24			
Street Lighting Submission	LTA									

SECTION 4

PROGRAMME

4.3 Authority Submission Status for M&E Services (Amendments) – 2nd Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd		16/5/24							16/6/24
Power Supply Substation	SP PowerGrid Ltd		6/11/24	13/11/24	29/4/25	14/5/25	20/6/25	27/6/25	15/8/25	21/8/25
Metering Layout	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply (External Water Reticulation System)	PUB (Water Supply) Network Dept		13/11/24	17/12/24	21/2/24	24/3/25	4/4/25	25/4/25	28/4/25	23/5/25
Gas Supply Installation	City Gas Pte Ltd									
Air Conditioning & Ventilation Inst.	FSSD									
Fire Fighting & Alarm Installation	FSSD									
Telephone Installation	TFCC									
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD									
	NEA (Pollution Control)									

SECTION 5

PROJECT RECORDS

5.1 List of Internal Files

Standard Files

File Ref:		File Ref:	
- Owner	✓	- Architect	✓
- Authorities	✓	- Other Consultants	✓
- Contractors	✓	- CC	✓
- CF	✓	- PQP/QSP	✓

Project Files to be initiated by PM as and when required

File Ref:		File Ref:		File Ref:	
MC/EC	✓				

(✓*where applicable*)

SECTION 5

PROJECT RECORDS

5.2 Filing of Drawings

The following team members shall take charge of filing of drawings, stamping "SUPERSEDED" drawings, etc.

Description	Team Member
Incoming Architectural Floor Plans	Softcopy saved in the server and ACC
Incoming Architectural Sketches/Details	
Incoming Structural Drawings	
M&E Drawings - Electrical Installation - Lift Installation - Air Conditioning & Ventilation Installation - Plumbing & Sanitary Installation - Swimming Pool & Filtration Installation	

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Letter and telephone	✓
	Email	✓
Interface With External Design Teams	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Letter and telephone	✓
	Email	✓
Interface Between Internal Design Teams	Telephone	✓
	Email	✓
	Internal Project Team Meeting	✓
	Circulation of Information	✓

(✓*where applicable*)

SECTION 6

INTERFACING

6.2 Internal Design Interface – NOT APPLICABLE

Item No.	Description*	Required From	Required By	Date Required	Remarks

** Information required by INTERNAL DESIGN TEAM MEMBERS*

SECTION 6

INTERFACING

6.3 Circulation of Documents to External Parties

	Code: A - Approval Required C - For Comments I - For Information Only	Client/ Client Rep.	* Client's Project Manager	Architect	Structural Engineer	Quantity Surveyor	
1.	**Letters/Fax:**						
a.	Project Design	A	–	I	–	–	
b.	Project Administration	–	–	–	–	–	
c.	Project Cost Estimate/Contract Cost	A	–	I	–	I	
2.	**Drawings**						
a.	Outline Design Drgs.	A	–	C	I	I	
b.	Sketch Design Drgs.	A	–	C	I	I	
c.	Final Design Drgs.	A	–	C	I	I	
d.	Shop Drawings	I	–	A	–	–	
e.	As Built Drgs.	I	–	I	–	–	
3.	**Other Document**						
a.	Specification	A	–	I	I	I	
b.	Tender Document	A	–	I	I	I	
c.	Tender Evaluation Report	A	–	I	–	I	
d.	Design Report	A	–	I	–	–	
e.	Progress Report	-	–	-	–	–	
f.	Financial Report	-	–	-	–	–	
g.	Minutes of Meeting	-	–	-	–	–	
h.	Inspection Report	I	–	I	–	–	
i.	Testing & Comm. Report	I	–	I	–	–	
j.	O & M Manual	I	–	I	–	–	

*Note: Applicable only, if the client engaged a Project Manager.

SECTION 7

WORK AUTHORISATION

Activity \ Authorised Signatories	PD	QP	PM	AE	SS
General Correspondences with Client			√	√	
General Correspondences with Other Consultants			√	√	
M&E Cost Estimate Report	√	√	√		
M&E Design Report	√	√	√		
Check Prints		√			
Tender Drawing Approval	√	√	√		
Tender Specification Approval	√	√	√		
List of Tenderers	√	√	√		
Tender Questionnaires	√	√	√		
Tender Reports	√	√	√		
Draft Letter of Award	√	√	√		
Review of Contractor's Shop Drawing			√	√	
Review of Contractor's Technical Submittal			√	√	
Review of Contractor's Sample Submittal			√	√	
Contractor's Request for Deviation		√	√		
Progress Payment Valuation Form	√		√		
Final Account Valuation	√		√		
Draft Variation Order	√		√		
Engineer/Architect's Instruction/Direction	√		√		
Site Instruction/Direction			√		
Correspondence/Submission to Authorities	√	√			

(✓*where authorised*)

Key to abbreviations:-

PD : Project Director
QP : Qualified Person
PM : Project Manager/Assistant Project Manager
AE : Assistant Engineer
SS : ACEPL Site Staff

SECTION 8

DESIGN INPUT & METHODOLOGY

8.1 List of Client's Standards, Reference Documents or Brief– NOT APPLICABLE

ITEM	KEPT BY

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	SS 638 (formerly CP 5)
Lightning Protection System	SS 555 : 2018
Telephone Installation	COPIF 2018
Emergency Voice Communication System	–
Air Conditioning & Ventilation Installation	SS 553 : 2016
Lift & Escalator Installation	SS 550 : 2020
Sanitary System	Code of Practice on Sewerage & Sanitary Works
Plumbing System	SS 636 : 2018
Boiler and Steam Supply System	–
Mechanical Smoke Control System	–

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Institute of Plumbing's Plumbing Services Design Guide

8.4 List of Pre-Consultation and Waiver

S/N	Description	Date of Application	Date of Approval	Remarks
1				
2				
3				
4				
5				

*To fill in actual information

8.5 List of Applicable Quality System Procedures

Alpha Consulting Engineers Pte Ltd's Quality Management System Procedures

Section	Title	✓ where applicable
M1	Preparation of Consultancy Offer	✓
M2	Project Commissioning and Service Agreement	✓
M3	Design Control	✓
M4	Design Change Control	✓
M5	Tender Process and Evaluation	✓
M6	Authority Submission	✓
M7	Construction Process Control	✓
M8	Testing and Commissioning	✓
S1	Document Control	✓
S2	Documentation of Quality & Environmental Management System Procedure	✓
S3	Documentation of Project Quality Plan	✓
S4	Specification Control	✓
S5	Library Control	✓
S6	Archive Control	✓
S7	Filing Control	✓
S8	Drawing Control	✓
S9	Administration Control	✓
S10	Purchasing Control	
S11	Training Control	
S12	Computer Control	
S13	Non-Conformity and Corrective Action Procedures	✓
S14	Quality & Environmental System Audit	✓
S15	Feedback Reporting	✓
S16	Clients Feedback	✓
S17	Management Review	✓
S18	Risk Identification, Assessment & Control	✓

8.6 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Cophos	3.31	Zumtobel	Lighting design	
Carrier E20-II	3.21	Carrier	Programme for determination of heat load, duct size and its losses, etc.	√
Gensize 2	2.1	Onan	Generator sizing	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Dialux	4.11	Changi Light	Lighting design	
Lift Traffic	7.18	Elevate	Lift traffic calculation	
Fault Level Calculation	11.11	ETAP	Calculation of fault level and voltage drop	

(✓*where applicable*)

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.1 Sustainable Design Features/Criteria

Item	Remarks
Green Mark criteria	✓ **(Platinum)**
Green Design Features	

9.2 Site PPE Requirement

The necessary Personal Protective Equipment (detailed below) shall be provided by the main contractor / Company in accordance to the site EHS requirements prior to the site monitoring.

PPE	✓ where applicable
Safety Helmet	✓
Safety Shoes	✓
Eye Protection	
Ear Protection	
Safety Harness / Belt	
Others:	

9.3 Site Emergency Preparedness

Site staff shall comply with the site emergency preparedness and response procedure, established by the main contractor / owner, which shall include the following details.

Items	✓ where applicable
Evacuation Route	✓
Emergency Exit	✓
Assembly Point	✓
Emergency Contact List / Person	✓
Alarm system / methods	

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.4 Reporting of Environmental Non-conformances

When encountering environmental non-conformances, Site Staff shall be responsible to feedback to the main contractor.

9.5 List of Applicable Environmental Management System Procedures (Not applicable)

Alpha Consulting Engineers Pte Ltd's Environmental Management System Procedures

Section	Title	✓ where applicable
E1	Aspect / Impact Identification, Risk Assessment & Risk Control	
E2	Identifying Legal & Other Requirements	
E3	Objectives, Targets & Programmes	
E4	Communication	
E5	Emergency Preparedness & Response	
E6	Monitoring & Measurement	
E7	Control of Air & Noise Pollution	
E8	Management of Wastes	

SECTION 10

CLIENT'S REQUIREMENTS

10.1 List of Output Required by Client:

Item	* Remarks
M&E Design Report	A
M&E Cost Estimate Report	A
Pre-Qualification of Tenderers	A
Tender Documents	A
Tender Report	A
Payment Valuation for QS	A
Certificates of Supervision for TOP/CSC	I

* *Remarks*

A: for approval *C: for comment* *I: for Information* *Re: for record*

Other purposes and for action: please specify.

10.2 Specific Procedures Required By Client *(If applicable)*

NOT APPLICABLE

SECTION 11

LIST OF SUB-JOB

11.1 List of Sub-Job Numbers – NOT APPLICABLE

Sub Job No	Description	Allocation Details