Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

HDB AT ANG MO KIO N7 C41A

For

HOUSING & DEVELOPMENT BOARD

Copy No.	1

Prepared By: Yip Yoke Fun

Authorised By: Loh Fook Yuen

Date: 7 May 2026

TABLE OF CONTENTS

SECTION	DESCRIPTION
-	**TITLE PAGE**
-	**TABLE OF CONTENTS**
1	**QUALITY PLAN CONTROL AND DISTRIBUTION**
1.1	List of Copy Holders
1.2	Revision Record
2	**PROJECT INFORMATION**
2.1	Project Description
2.2	Project Cost
2.3	Scope of Works
3	**ORGANISATION**
3.1	Organisation Chart
3.2	ACEPL's Project Team Member
3.3	Client/Client's Representative
3.4	Other Consultants - Local - Overseas – NOT APPLICABLE
3.5	Contractor/Sub-Contractors – NOT APPLICABLE
3.6	Authorities
4	**PROGRAMME**
4.1	Overall Programme – NOT APPLICABLE
4.2	Authority Submission Status for M&E Services – 1st Submission
4.3	Authority Submission Status for M&E Services (Amendment) – 2nd Submission – NOT APPLICABLE
5	**PROJECT RECORDS**
5.1	List of Internal Files
5.2	Filing of Drawings

TABLE OF CONTENTS

SECTION	DESCRIPTION
6	**INTERFACING**
6.1	Method of Interface
6.2	Internal Design Interface – NOT APPLICABLE
6.3	Circulation of Documents to External Parties
7	**WORK AUTHORISATION**
8	**DESIGN INPUT AND METHODOLOGY**
8.1	List of Client's Standards, Reference Documents or Brief
8.2	List of Applicable Code of Practice and Regulations
8.3	List of Design Guide or Handbook Used
8.4	List of Pre-Consultation and Waiver – NOT APPLICABLE
8.5	List of Applicable Quality System Procedures
8.6	List of Software Used for Design/Analysis
9	**ENVIRONMENTAL CONSIDERATIONS**
9.1	Sustainable Design Features/Criteria
9.2	Site PPE Requirement – NOT APPLICABLE
9.3	Site Emergency Preparedness – NOT APPLICABLE
9.4	Reporting of Environmental Non-conformances
9.5	List of Applicable Environmental Management System Procedures
10	**CLIENT'S REQUIREMENTS**
10.1	List of Output Required by Client
10.2	Specific Procedures Required by Client – NOT APPLICABLE
11	**LIST OF SUB-JOB**
11.1	List of Sub-Job Numbers – NOT APPLICABLE

SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	6313	7 May 2026

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	12 August 2022	1 to 11	29	+ 1 page (Section 9.1 – Sustainable Design Features / Criteria)
1	3 March 2025	1 to 11	29	+ 1 page (Section 9.1 – Sustainable Design Features / Criteria)
2	7 May 2026	1 to 11	29	+9 pages (Section 4.1 – Overall Programme) + 1 page (Section 9.1 – Sustainable Design Features / Criteria)

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Residential

Statistics of Development	
Site Area, m²	12,777
Nett Floor Area, m²	–
Gross Floor Area, m²	46,299.79
Covered Carpark, m²	732.33
No. of Covered Carpark Lots	201
No. of Apartments/Houses	422
No. of Beds (for Hospitals)	–
No. of Guestroom (for Hotels)	–
No. of Blocks / No. of Storeys	3 Blocks of 19 to 21-sty
Green Mark Category	Gold Plus
No. of Phases	–

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)										
Services	EI	ACVI	LEI	FFAI	PSI	SPFI				
Estimate						–				
Awarded	4.7429	0.0065	–	0.5527	3.005	–				

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate	–	–	128.50
Awarded	–	–	124

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

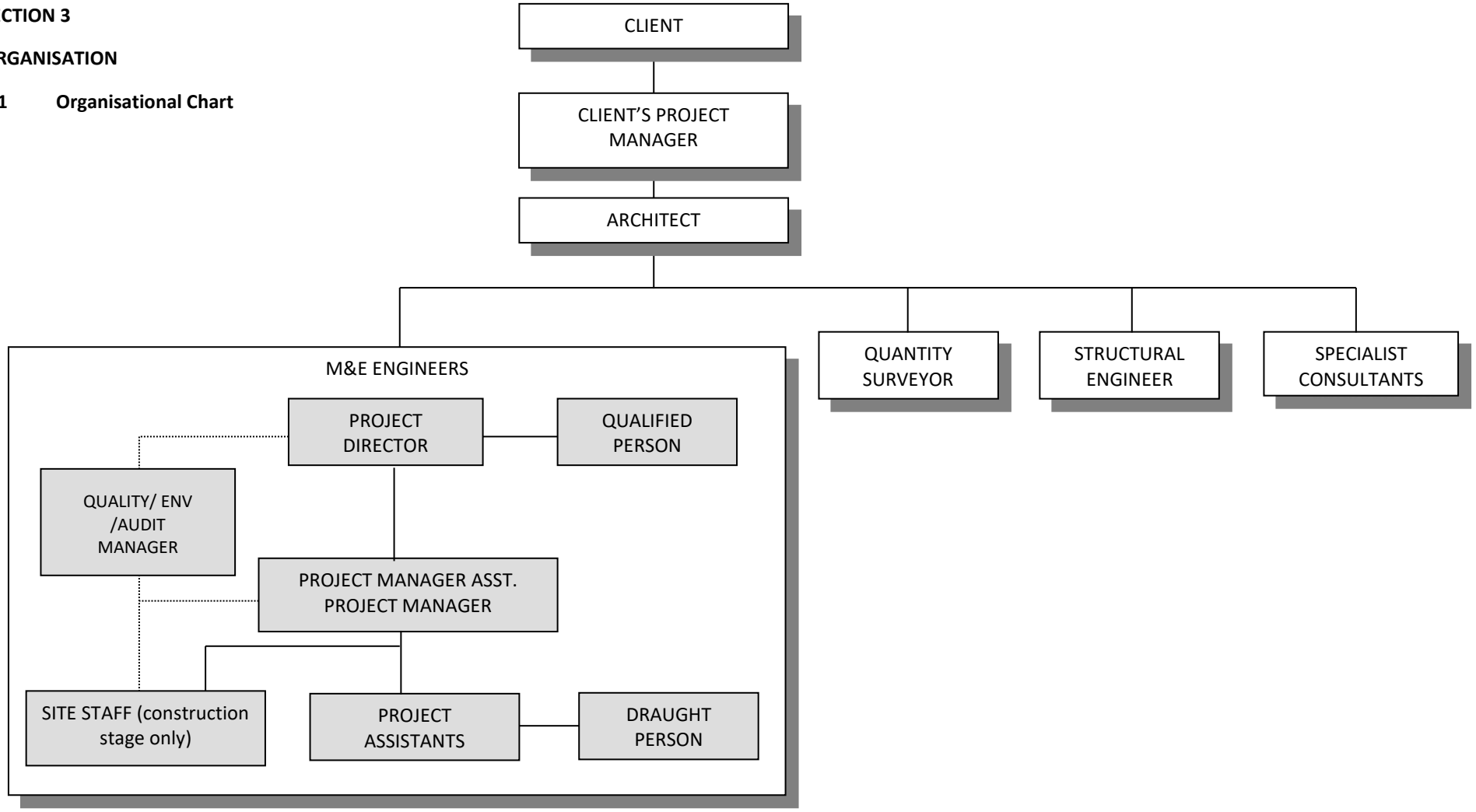
EJECTOR & DIVERTER		SUMP PUMP		FUEL OIL TANK		LIFT & ESCALATOR		PRESSURE VESSEL		HOISTS		FOAM	

(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		
Qualified Person	Mechanical	Choong Choon Guan (CCG)
	Electrical	Loh Fook Yuen (LFY)
Project Manager		Yip Yoke Fun (YYF)
Assistant Project Manager		–
Project Assistant (Mech)		–
Project Assistant (Elect)		Lim Sheng, Benedict
Draughtsperson		Common Pool
Resident Engineer (M&E)		–
Assistant Resident Engineer (M&E)		–
Clerk-of-Work (M&E)		–

3.3 Client/Client's Representatives

Client: Housing & Development Board

Address: HDB Hub
480 Lorong 6, Toa Payoh
Singapore 310480

Tel: 6490 2098

Fax: 6397 2457

Client's Representatives:

Name of Company	Contact Person	Contact
Housing & Development Board	Name: Mr Cheng You Qin Position: Senior Engineer	Tel: – Fax: 6397 2457 Handphone: 9155 3423 Email: cheng_you_qin@hdb.gov.sg
Housing & Development Board	Name: Ms Ang Shifang Position: Senior Architect	Tel: – Fax: – Handphone: 9737 0152 Email: ang_shifang@hdb.gov.sg
Housing & Development Board	Name: Ms Wang Ziqiao Position: Senior Contracts Manager	Tel: 6490 2040 Fax: – Handphone: – Email: wang_ziqiao@hdb.gov.sg
	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 DP Architects Pte Ltd	Name: Mr Daniel Po Position: Associate Director	Tel: 6828 7870 Fax: 6337 9989 Handphone: 9029 0910 Email: hdb-amk-n7-c41a@dpa.com.sg
Quantity Surveyor Northcroft Lim Consultants Pte Ltd	Name: Mr Sunny Tan Position: Director	Tel: 6220 7188 Fax: 6220 0868 Handphone: 9674 1858 Email: 2230pm@northcroft.sg
Structural Engineer E2000 Pte Ltd	Name: Mr Wang Yee Khai Position: Director	Tel: 6221 0388 ext 11 Fax: 6221 2600 Handphone: 9017 0508 Email: e2000@e2000.com.sg
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Landscape Consultant DP Green Pte Ltd	Name: Ms Yvonne Tan Position: Director	Tel: 6829 3420 Fax: 6337 9989 Handphone: 9012 3246 Email: yvonnetan@dpg.com.sg
Project Consultant Arcadis Project Management Pte Ltd	Name: Mr Lew Peng Kong Position: Senior Project Manager	Tel: 6239 8585 Fax: 6224 7089 Handphone: 9855 9468 Email: lew.pengkong@ais-hill.com

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**

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor Rich Construction Company Pte Ltd	MC	Name: Mr Zhang Kuo Position: Project Manager	Tel: – Fax: – Handphone: 8558 7917 Email: zhangkuo@chinaconstruction.com.sg
Mechanical Ventilation Installation Sub-Contractor	DSC	Name: Position:	Tel: Fax: Handphone: Email:
Plumbing, Gas, Sanitary, Dry Riser & Hosereel Installation Sub-Contractor Realtech Engineering Pte Ltd	DSC	Name: Mr Sun Jun Position: Project Manager	Tel: – Fax: – Handphone: 9792 7576 Email: sunjun@realtechgroup.com.sg
Electrical & Automatic Fire Alarm Installation Sub-Contractor Win Engineering Pte Ltd	DSC	Name: Mr Nay Linn Aung Position: Project Manager	Tel: 6295 5837 Fax: – Handphone: 9789 4447 Email: linnaung@wineng.sg
Lift & Escalator Installation Sub-Contractor Hitachi Elevator Asia Pte Ltd	DC	Name: Heng Hai Song Position: Project Manager	Tel: 6396 5671 Fax: – Handphone: 9199 1125 Email: bryanheng.hs.bp@hitachi.com
Fire Fighting & Alarm Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:
Swimming Pool Filtration Plant Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:
Carpark System Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:
_____		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	Mr Abbas Bin Mohamed Supiah	6916 8557/ abbasmohdsupiah@spgroup.com.sg
(b) Diversion		
SP Services: (a) Customer Supply	–	6916 7200 / install@spgroup.com.sg
(b) Installation	–	6916 9386 / install@spgroup.com.sg
(c) Meter Section		6916 8555
(d) Road Lighting		
TFCC: (a) SCV		
(b) SingTel		
(c) IDA	Mr Seah Koon Chye	6989 5635 / Seah_Koon_chye@imda.gov.sg
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 Guan Kaijie	8228 6722 / guan_kaijie@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	Mr Jackson Houng/Mr Misnal Bin Pagi	6595 5925 / 9686 4513
(b) Installation/Inspection		
PowerGas Pte Ltd (a) Diversion		
NEA (Pollution Control) (a) Planning/Submission		
(b) Inspection		

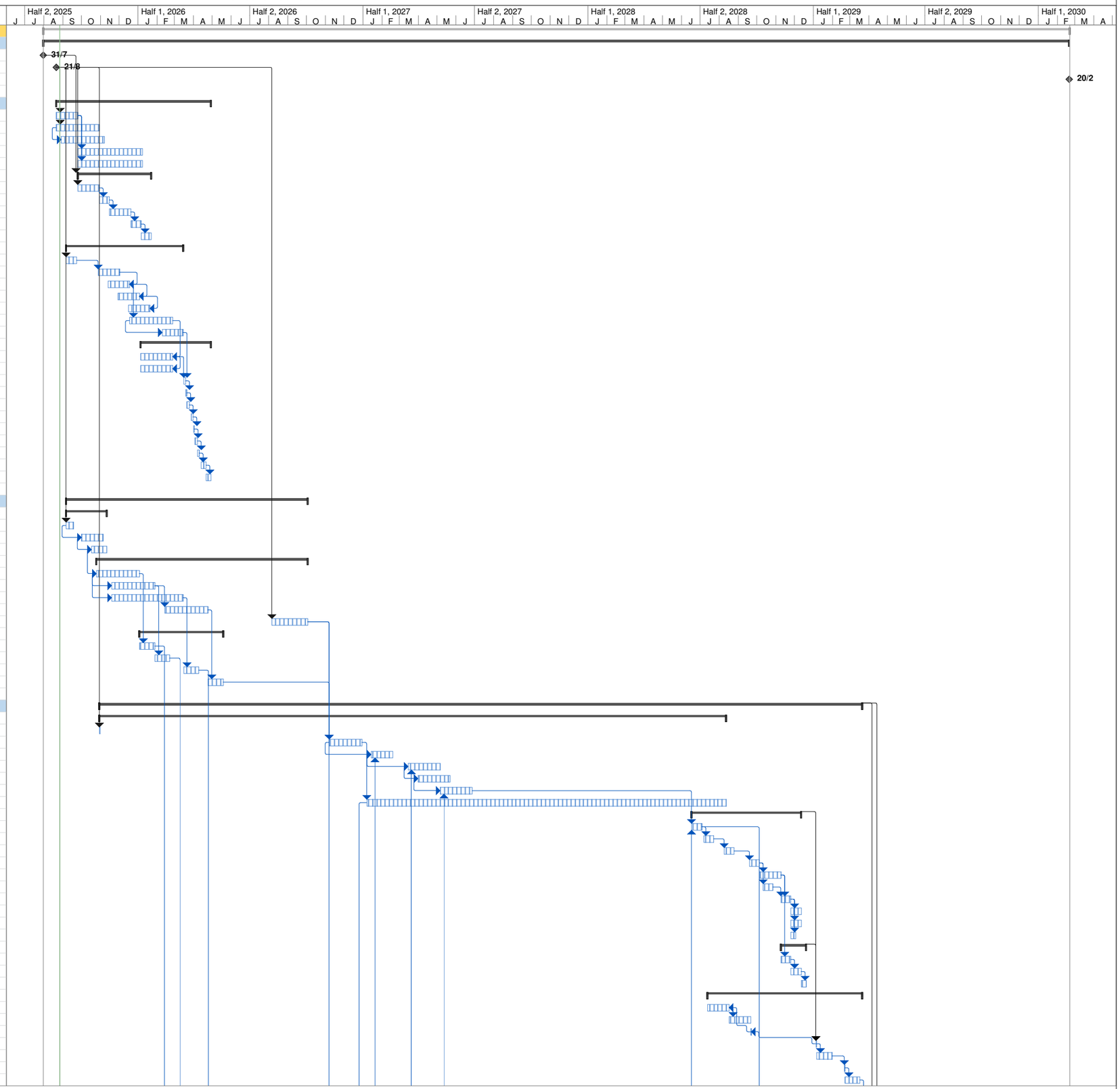
SECTION 4

PROGRAMME

4.1 Overall Programme (Refer to attached Master Programme)

ID	TASK NAME	MONTHS	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.	Preliminary Planning																									
2.	Planning Submission																									
3.	Detail Design																									
4.	BP Submission																									
5.	BP Submission (Amendments)																									
6.	Tender Period for Piling																									
7.	Tender Period for Sub-Structure																									
8.	Tender Period for Super-Structure																									
9.	Piling Period																									
10.	Sub-Structure Construction Period																									
11.	Super-Structure Construction Period																									
12.	TOP																									
13.	CSC																									

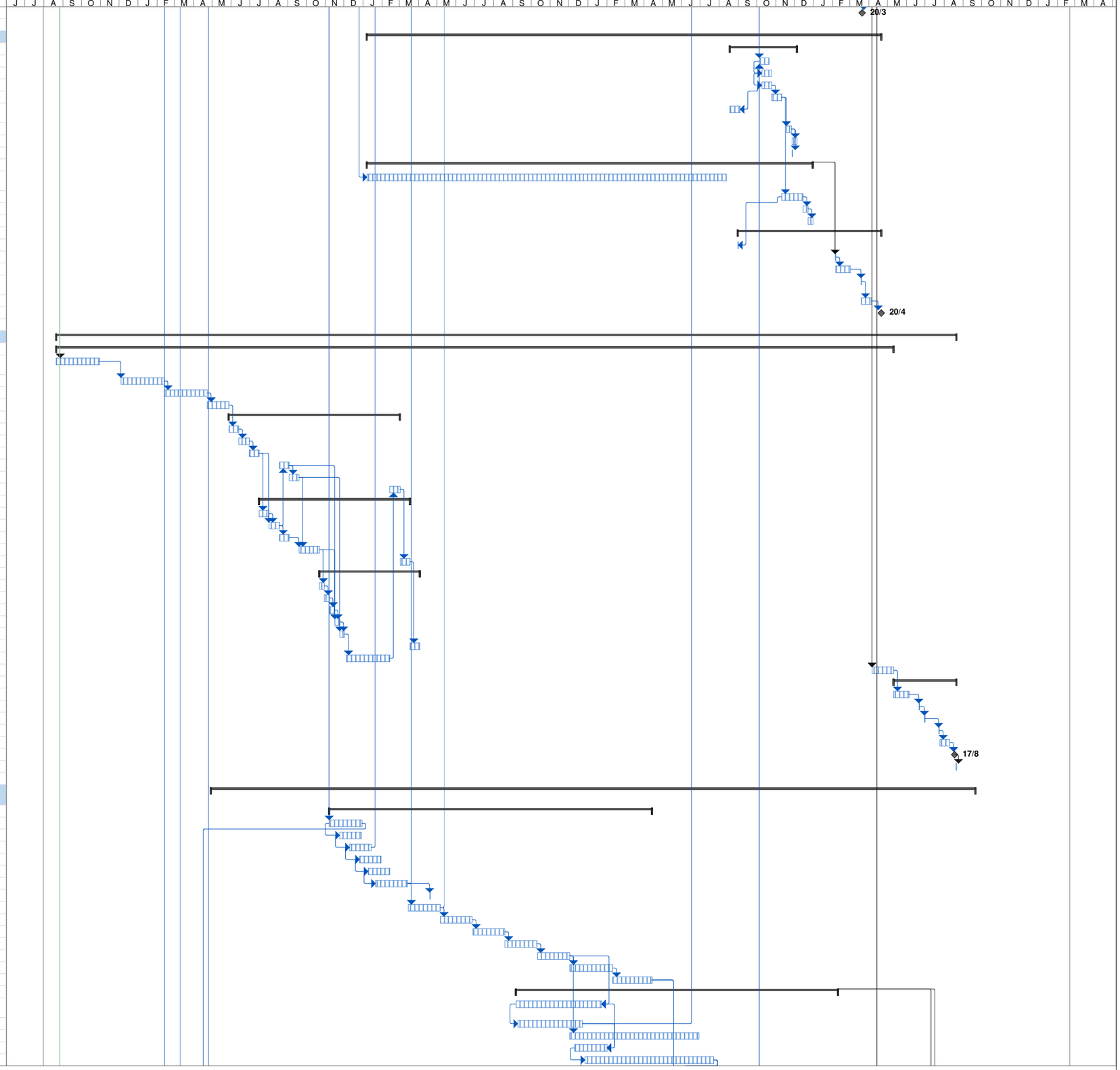
ID	Task Name	Duration	Start	Finish
0	**Ang Mo Kio N7C41A Master Programme Rev_0**	**1428 days**	**Thu 31/7/25**	**Wed 20/2/30**
1	**Key Dates**	**1427 days**	**Thu 31/7/25**	**Wed 20/2/30**
2	Contract Award	0 days	Thu 31/7/25	Thu 31/7/25
3	Contract Commencement	0 days	Thu 21/8/25	Thu 21/8/25
4	Contract Completion	0 days	Wed 20/2/30	Wed 20/2/30
5				
6	**Preliminaries**	**215 days**	**Thu 21/8/25**	**Tue 28/4/26**
7	Washing Bay and site access	30 days	Thu 21/8/25	Wed 24/9/25
8	ECM Submission, site installation and Temporary Drainage	60 days	Thu 21/8/25	Wed 29/10/25
9	Cable detection and NCE submissions	60 days	Fri 29/8/25	Thu 6/11/25
10	Site Hoarding and Hoarding Signage	90 days	Thu 25/9/25	Wed 7/1/26
11	Site Office	90 days	Thu 25/9/25	Wed 7/1/26
12	**VMU Submission and Approval**	**102 days**	**Thu 25/9/25**	**Wed 21/1/26**
13	Submission of VMU shop drawing	30 days	Thu 25/9/25	Wed 29/10/25
14	Consultant review and approval of shop drawing	14 days	Thu 30/10/25	Fri 14/11/25
15	Develop VMU BIM Model	30 days	Sat 15/11/25	Fri 19/12/25
16	Consultant Review and approval of VUM Model	14 days	Sat 20/12/25	Mon 5/1/26
17	HDB Review and Approval	14 days	Tue 6/1/26	Wed 21/1/26
18	**Precast Components Preparation**	**163 days**	**Sat 6/9/25**	**Sat 14/3/26**
19	Consultant Issue arch and C&S construction drawing	14 days	Sat 6/9/25	Mon 22/9/25
20	Precast shop drawing and window shop drawings preparation	30 days	Tue 28/10/25	Mon 1/12/25
21	Precast drawing and window shop drawings submission/approval	30 days	Thu 13/11/25	Wed 17/12/25
22	Consultant review of shop drawings	30 days	Sat 29/11/25	Fri 2/1/26
23	Resubmission/approval of precast shop drawing	30 days	Tue 16/12/25	Mon 19/1/26
24	Mould preparation	60 days	Thu 18/12/25	Wed 25/2/26
25	Precast samples inspection(trial cast) incldluing PBU	30 days	Mon 9/2/26	Sat 14/3/26
26	**PBU Finishing Mock-up Works**	**98 days**	**Mon 5/1/26**	**Tue 28/4/26**
27	PBU finishing work storage area preparation works	45 days	Mon 5/1/26	Wed 25/2/26
28	PBU arch finishing works MOS and sample submission and approval	45 days	Mon 5/1/26	Wed 25/2/26
29	PBU carcass delivery to TOL/Fitting out Yard	3 days	Mon 16/3/26	Wed 18/3/26
30	Install aircon ledge Railing	2 days	Thu 19/3/26	Fri 20/3/26
31	sanitary pipe, copper pipe and pressure test	3 days	Sat 21/3/26	Tue 24/3/26
32	Install electrical conduit	2 days	Sat 28/3/26	Mon 30/3/26
33	Window inner frame	1 day	Wed 1/4/26	Wed 1/4/26
34	Internal wall plaster and skimming	3 days	Fri 3/4/26	Mon 6/4/26
35	Water proofing	3 days	Tue 7/4/26	Thu 9/4/26
36	Tiling works	7 days	Mon 13/4/26	Mon 20/4/26
37	Inspection and approval of PBU mock up	7 days	Tue 21/4/26	Tue 28/4/26
38				
39	**Piling Works**	**336 days**	**Sat 6/9/25**	**Fri 2/10/26**
40	**Ultimate Load Test No. 1 to No. 3**	**56 days**	**Sat 6/9/25**	**Mon 10/11/25**
41	Install ULT 1 to ULT3	10 days	Sat 6/9/25	Wed 17/9/25
42	Testing of ULT	30 days	Wed 1/10/25	Tue 4/11/25
43	Test report submission	21 days	Fri 17/10/25	Mon 10/11/25
44	**Bored piles Installation works**	**294 days**	**Sat 25/10/25**	**Fri 2/10/26**
45	Zone B (Block 733A) piling installation works (107 nos.)	60 days	Sat 25/10/25	Fri 2/1/26
46	Zone C (Block 733B) piling installation works (112 nos.)	60 days	Wed 19/11/25	Tue 27/1/26
47	Zone A (Block 734A) piling installation works (252 nos.)	100 days	Wed 19/11/25	Sat 14/3/26
48	Zone D Part 1 (Block 734 MSCP) & PP piling installation works (~85 nos.	60 days	Fri 13/2/26	Thu 23/4/26
49	Zone D Part 2 (Block 734 MSCP) piling installation works (~52 nos.)	50 days	Thu 6/8/26	Fri 2/10/26
50	**Working load test and pild driving analyzer**	**116 days**	**Sat 3/1/26**	**Mon 18/5/26**
51	Zone B WLT	21 days	Sat 3/1/26	Tue 27/1/26
52	Zone C WLT	21 days	Wed 28/1/26	Fri 20/2/26
53	Zone A WLT	21 days	Mon 16/3/26	Wed 8/4/26
54	Zone D WLT	21 days	Fri 24/4/26	Mon 18/5/26
55				
56	**Phase 1 Electrical Sub-station at Block 734 (21-Aug-25 to 20-Mar-29)**	**1061 days**	**Thu 30/10/25**	**Tue 20/3/29**
57	**ESS Structural Works as per SPPG approved Drawing**	**872 days**	**Thu 30/10/25**	**Fri 11/8/28**
58	Issurance of SPPG approved ESS drawing	1 day	Thu 30/10/25	Thu 30/10/25
59	Excavation and Construction of Pilecap /Stump	45 days	Sat 7/11/26	Tue 29/12/26
60	Construction of Ground Beam	30 days	Thu 14/1/27	Wed 17/2/27
61	Construction of Ground Slab	45 days	Mon 15/3/27	Wed 5/5/27
62	Construction of Switchroom Floor Slab	45 days	Wed 31/3/27	Fri 21/5/27
63	Construction of Roof Slab	45 days	Thu 6/5/27	Sat 26/6/27
64	Construction of UPS from ESS to individual block CSR	500 days	Thu 7/1/27	Fri 11/8/28
65	**ESS Architectural Works as per SPPG approved Drawing**	**152 days**	**Sat 17/6/28**	**Mon 11/12/28**
66	Brick wall/Glass Block laying	14 days	Sat 17/6/28	Mon 3/7/28
67	Install door,window & Louvre outer frame	14 days	Fri 7/7/28	Sat 22/7/28
68	Install railing, cat ladder, grating support	14 days	Wed 9/8/28	Thu 24/8/28
69	Skimming & Plastering, Rendering Work	14 days	Tue 19/9/28	Wed 4/10/28
70	Submission of painting color sample and signage sample for SO approv	30 days	Thu 5/10/28	Wed 8/11/28
71	Painting Work	14 days	Wed 11/10/28	Thu 26/10/28
72	Install door panel, inner frame	14 days	Thu 9/11/28	Fri 24/11/28
73	Install ironmongery	14 days	Sat 25/11/28	Mon 11/12/28
74	Install grating	14 days	Sat 25/11/28	Mon 11/12/28
75	Install signage, fire extinguisher	7 days	Sat 25/11/28	Sat 2/12/28
76	**ESS Electrical Works as per SPPG approved Drawing**	**35 days**	**Thu 9/11/28**	**Tue 19/12/28**
77	Unit Wiring and conduit to ESS	14 days	Thu 9/11/28	Fri 24/11/28
78	Electrical fittings / Earth protection system installation	14 days	Sat 25/11/28	Mon 11/12/28
79	Electrical Testing	7 days	Tue 12/12/28	Tue 19/12/28
80	**Hand-over of ESS**	**215 days**	**Thu 13/7/28**	**Tue 20/3/29**
81	SP Powergrid submit connection fee quotation	30 days	Thu 13/7/28	Thu 17/8/28
82	HDB issue works order to SPPG	30 days	Thu 17/8/28	Wed 20/9/28
83	1st Co-ordination Meeting with SP Powergrid on ESS handing over	1 day	Thu 21/9/28	Fri 22/9/28
84	SP Powergrid Inspection of ESS	1 day	Fri 5/1/29	Fri 5/1/29
85	Defect Rectification	21 days	Sat 6/1/29	Tue 30/1/29
86	SP PowerGrid Re-Inspection of ESS	1 day	Tue 20/2/29	Tue 20/2/29
87	Defect Rectification	21 days	Wed 21/2/29	Fri 16/3/29



Project:
Ang Mo Kio N7C41A Master Program

Task | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Progress | Manual Progress

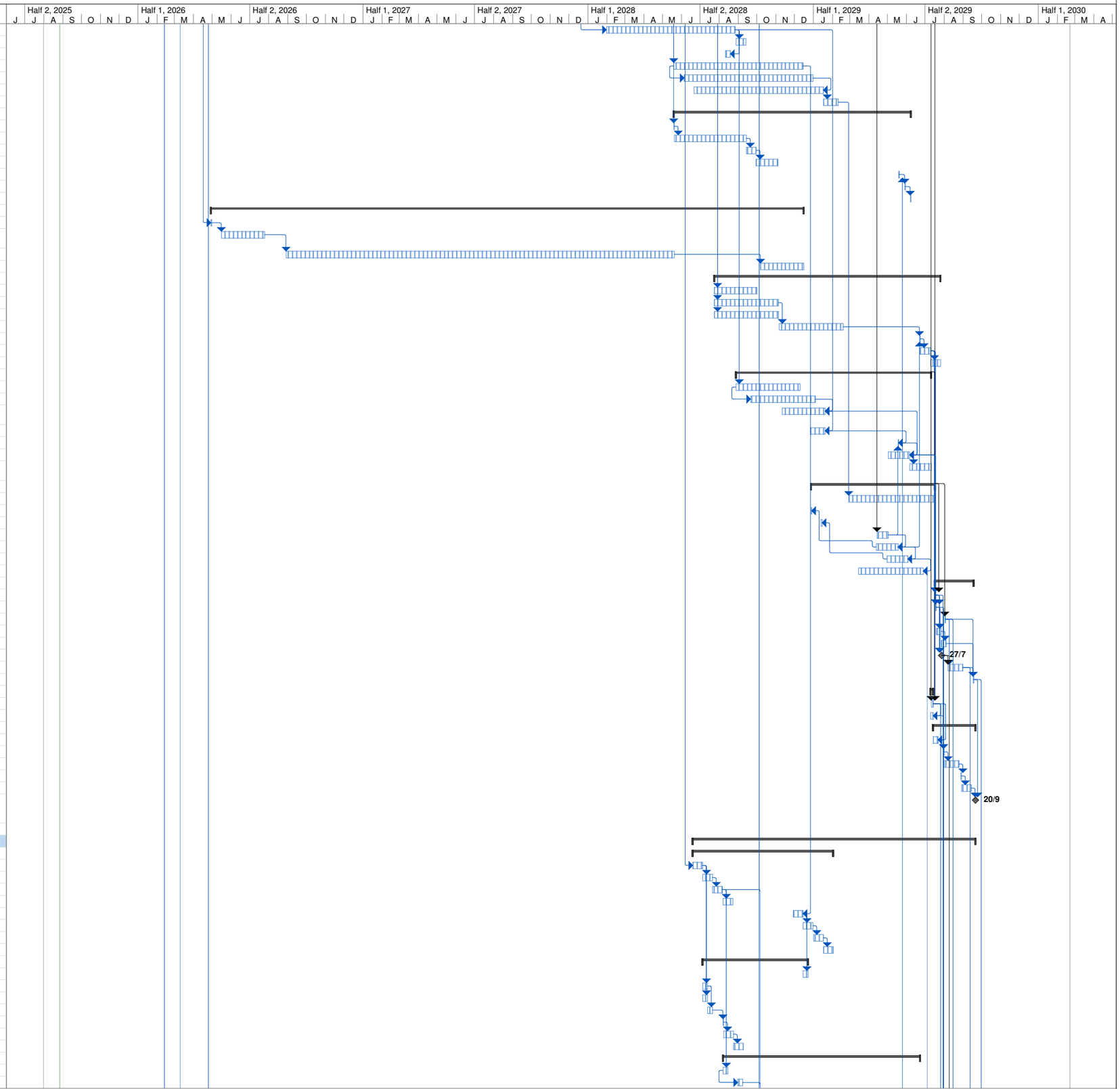
ID	Task Name	Duration	Start	Finish
88	Hand over of ESS	1 day	Tue 20/3/29	Tue 20/3/29
89				
90	**Phase 2 Block 733B MDF Room (21-Aug-25 to 20-Apr-29)**	**716 days**	**Thu 7/1/27**	**Fri 20/4/29**
91	**MDF Room Architectural Works**	**93 days**	**Fri 18/8/28**	**Mon 4/12/28**
92	Brick wall/Glass Block laying	14 days	Thu 5/10/28	Fri 20/10/28
93	Install door,window & Louvre outer frame	14 days	Mon 9/10/28	Tue 24/10/28
94	Skimming & Plastering Work	14 days	Mon 9/10/28	Tue 24/10/28
95	Skimming & Plastering, Rendering Work	14 days	Wed 25/10/28	Thu 9/11/28
96	Submission of painting color sample and signage sample for SO approval	14 days	Fri 18/8/28	Mon 4/9/28
97	Painting Work	7 days	Sat 18/11/28	Sat 25/11/28
98	Install ironmongery	7 days	Mon 27/11/28	Mon 4/12/28
99	Install signage, fire extinguisher	1 day	Mon 27/11/28	Mon 27/11/28
100	**MDF Room Electrical Works**	**621 days**	**Thu 7/1/27**	**Sat 30/12/28**
101	UTS lead in pipes inculsive of manholes as per approvedTFCC drawing	500 days	Thu 7/1/27	Fri 11/8/28
102	Unit Wiring and conduit to MDF Room	30 days	Fri 10/11/28	Thu 14/12/28
103	Electrical fittings / Earth protection system installation	7 days	Fri 15/12/28	Fri 22/12/28
104	Electrical Testing	7 days	Sat 23/12/28	Sat 30/12/28
105	**Hand-over of Block 733B MDF Room**	**200 days**	**Thu 31/8/28**	**Fri 20/4/29**
106	1st Co-ordination meeting with services providers	1 day	Thu 31/8/28	Fri 1/9/28
107	1st handing over inspection of MDF by services providers	1 day	Mon 5/2/29	Mon 5/2/29
108	Defect Rectification	21 days	Tue 6/2/29	Thu 1/3/29
109	2nd handing over inspection of Blk 116B MDF and taken over of MDF by services providers	1 day	Mon 19/3/29	Mon 19/3/29
110	Defect Rectification	14 days	Tue 20/3/29	Wed 4/4/29
111	Hand over of MDF Room	1 day	Fri 20/4/29	Fri 20/4/29
112				
113	**Phase 3 Minor Sewer (21-Aug-25 to 20-Aug-29)**	**1252 days**	**Thu 21/8/25**	**Mon 20/8/29**
114	**Construction of MH and sewer line**	**1165 days**	**Thu 21/8/25**	**Thu 10/5/29**
115	Minor sewer CBPU approval and consultant issue construction drawing	60 days	Thu 21/8/25	Wed 29/10/25
116	Minor sewer ERSS BCA submission	60 days	Thu 4/12/25	Wed 11/2/26
117	PUB POWS Submission	60 days	Thu 12/2/26	Wed 22/4/26
118	Mobilisation and site preparation	30 days	Thu 23/4/26	Wed 27/5/26
119	**Caisson Construction**	**238 days**	**Thu 28/5/26**	**Mon 1/3/27**
120	MH2	14 days	Thu 28/5/26	Fri 12/6/26
121	MH1	14 days	Sat 13/6/26	Mon 29/6/26
122	MH3	14 days	Tue 30/6/26	Wed 15/7/26
123	MH4	14 days	Tue 18/8/26	Wed 2/9/26
124	MH5	14 days	Thu 3/9/26	Fri 18/9/26
125	MH6	14 days	Sat 13/2/27	Mon 1/3/27
126	**Sewer Line by Pipe Jacking Method**	**210 days**	**Thu 16/7/26**	**Wed 17/3/27**
127	MH2 to 1	14 days	Thu 16/7/26	Fri 31/7/26
128	MH2 to 3	14 days	Sat 1/8/26	Mon 17/8/26
129	MH4 to 3	14 days	Tue 18/8/26	Wed 2/9/26
130	MH5 to 4	28 days	Sat 19/9/26	Wed 21/10/26
131	MH5 to 6	14 days	Tue 2/3/27	Wed 17/3/27
132	**Manhole Construction & Backfilling**	**140 days**	**Thu 22/10/26**	**Fri 2/4/27**
133	MH2	7 days	Thu 22/10/26	Thu 29/10/26
134	MH1	7 days	Fri 30/10/26	Fri 6/11/26
135	MH3	7 days	Sat 7/11/26	Sat 14/11/26
136	MH4	7 days	Mon 16/11/26	Mon 23/11/26
137	MH5	7 days	Tue 24/11/26	Tue 1/12/26
138	MH6	14 days	Thu 18/3/27	Fri 2/4/27
139	RC Trench and PUB Inspection	60 days	Sat 5/12/26	Fri 12/2/27
140	Benching, Cover and other accessories	30 days	Fri 6/4/29	Thu 10/5/29
141	**PUB Handing Over Inspection**	**87 days**	**Fri 11/5/29**	**Mon 20/8/29**
142	Minor sewer handing over preparation (internal cleaning and testing)	21 days	Fri 11/5/29	Mon 4/6/29
143	Submission of Form C, as built drawing to consultant	1 day	Thu 21/6/29	Thu 21/6/29
144	Consultant submit Form C, as built drawing to PUB	1 day	Sat 30/6/29	Sat 30/6/29
145	PUB site inspection	1 day	Mon 23/7/29	Mon 23/7/29
146	PUB inspection defect rectification	14 days	Wed 25/7/29	Thu 9/8/29
147	Clearance from PUB and CBPU	7 days	Fri 10/8/29	Fri 17/8/29
148	Handing over Minor Sewer	1 day	Mon 20/8/29	Mon 20/8/29
149				
150	**Phase 4 Block 734 Multi Storey Carpark (MSCP) including driveway (21-Aug-25 to 20 Sep 29)**	**1064 days**	**Wed 29/4/26**	**Thu 20/9/29**
151	**Structural Works of Block 734 (MSCP)**	**449 days**	**Sat 7/11/26**	**Thu 13/4/28**
152	Excavation works	45 days	Sat 7/11/26	Tue 29/12/26
153	Pile cap construction	30 days	Tue 24/11/26	Mon 28/12/26
154	Ground Beam and Stump construction	30 days	Thu 10/12/26	Wed 13/1/27
155	Underground M&E servicese installation	30 days	Sat 26/12/26	Fri 29/1/27
156	Backfilling and compacting	30 days	Sat 9/1/27	Fri 12/2/27
157	1st Storey Slab	45 days	Thu 21/1/27	Sat 13/3/27
158	Erection of tower crane	1 day	Mon 19/4/27	Mon 19/4/27
159	2nd Storey R.C.	45 days	Mon 15/3/27	Wed 5/5/27
160	3rd Storey R.C.	45 days	Thu 6/5/27	Sat 26/6/27
161	4th Storey R.C.	45 days	Mon 28/6/27	Wed 18/8/27
162	5th Storey R.C.	45 days	Thu 19/8/27	Sat 9/10/27
163	6th Storey R.C.	45 days	Mon 11/10/27	Wed 1/12/27
164	Main Roof R.C.	60 days	Thu 2/12/27	Wed 9/2/28
165	Upper Roof including e-deck double slab and Lift Motor Room	55 days	Thu 10/2/28	Thu 13/4/28
166	**Architectural Works of Block 734 (MSCP)**	**449 days**	**Mon 6/9/27**	**Fri 9/2/29**
167	Submission of all architectural materials, samples, painting colors ,shop drawings, signages, required mock-ups of all blocks for SO approval	120 days	Mon 6/9/27	Sat 22/1/28
168	Bricklaying	90 days	Thu 9/9/27	Wed 22/12/27
169	Railing/metal works	180 days	Thu 2/12/27	Wed 28/6/28
170	Door Frame Installation inculding Grouting to Door Frame	45 days	Fri 10/12/27	Mon 31/1/28
171	Internal Skimming	180 days	Mon 27/12/27	Sat 22/7/28



Project:
Ang Mo Kio N7C41A Master Program

Task		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline	
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress	
Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		Manual Progress	

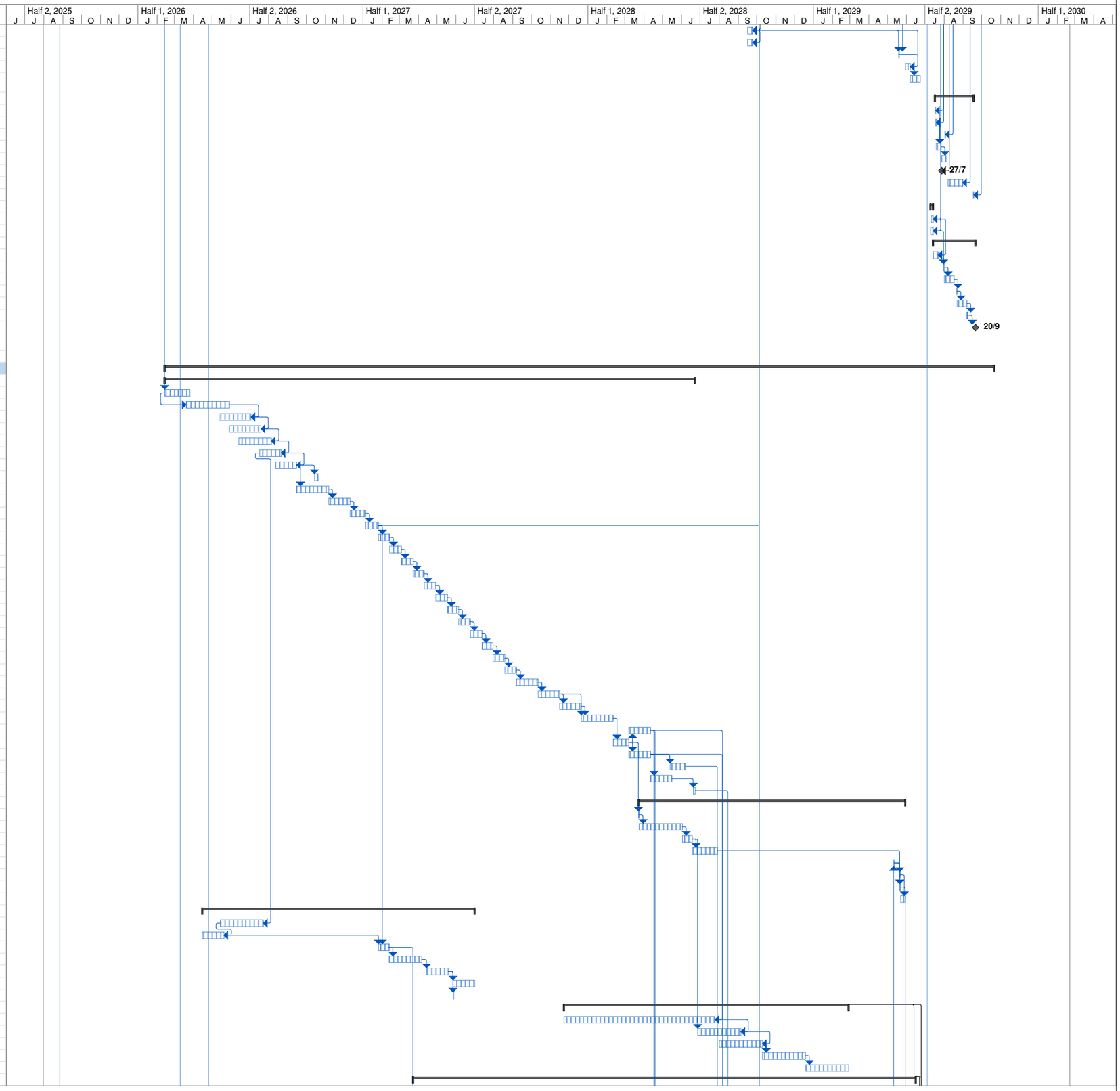
ID	Task Name	Duration	Start	Finish
172	Internal Painting	180 days	Mon 31/1/28	Sat 26/8/28
173	Traffic / Parking Lot Marking	14 days	Mon 28/8/28	Tue 12/9/28
174	Door Panel Installation	7 days	Fri 11/8/28	Fri 18/8/28
175	External Plastering	180 days	Fri 19/5/28	Thu 14/12/28
176	External Skimming	180 days	Mon 5/6/28	Sat 30/12/28
177	External Painting	180 days	Wed 21/6/28	Tue 16/1/29
178	Signage Installation work	21 days	Wed 17/1/29	Fri 9/2/29
179	**Lift installation**	**330 days**	**Fri 19/5/28**	**Thu 7/6/29**
180	Hand over of lift Hoistway	1 day	Fri 19/5/28	Fri 19/5/28
181	Lift installation by lift contractor	100 days	Sat 20/5/28	Wed 13/9/28
182	Brick up of lift door jamb by builder	14 days	Thu 14/9/28	Fri 29/9/28
183	Testing and commissioning by temporary power supply	30 days	Sat 30/9/28	Fri 3/11/28
184	Permanent Power supply to lift	1 day	Sat 19/5/29	Sat 19/5/29
185	Lift readiness for M&E RI	1 day	Tue 29/5/29	Tue 29/5/29
186	Lift HDB Testing	1 day	Thu 7/6/29	Thu 7/6/29
187	**Landscape Works of Block 734 MSCP (except Roof)**	**825 days**	**Wed 29/4/26**	**Fri 15/12/28**
188	Appointment of landscape contractor	1 day	Wed 29/4/26	Wed 29/4/26
189	Landscape plant submission/selection/inspection by architect and landscape consultant for whole project	60 days	Sat 16/5/26	Fri 24/7/26
190	Pre-growing of trees for whole project	540 days	Sat 29/8/26	Fri 19/5/28
191	Planter box and other landscape works for MSCP handing over	60 days	Sat 7/10/28	Fri 15/12/28
192	**Sanitary, Plumbing and HR/DR Works**	**315 days**	**Mon 24/7/28**	**Wed 25/7/29**
193	Installation of water supply services including bulk meter chamber	60 days	Mon 24/7/28	Sat 30/9/28
194	Installation of hosereel, DR pipe pipe	90 days	Mon 24/7/28	Sat 4/11/28
195	Installation of waste, soil , & vent pipes	90 days	Mon 24/7/28	Sat 4/11/28
196	Installation of hosereel tank & pump set	90 days	Mon 6/11/28	Sat 17/2/29
197	Water Turn On	1 day	Fri 22/6/29	Fri 22/6/29
198	Testing and commissioning	14 days	Sat 23/6/29	Mon 9/7/29
199	Sanitary PUB inspection clearance	14 days	Tue 10/7/29	Wed 25/7/29
200	**Electrical And Fire Alarm Works**	**272 days**	**Mon 28/8/28**	**Tue 10/7/29**
201	Exposed conduit and trunking works	90 days	Mon 28/8/28	Sat 9/12/28
202	Wiring and cabling works	90 days	Thu 21/9/28	Wed 3/1/29
203	Light fitting, genset and fire alarm system installation including detector and panels	60 days	Sat 11/11/28	Fri 19/1/29
204	Install switchboard and complete CSR electrical works and testing	21 days	Wed 27/12/28	Fri 19/1/29
205	Power Turn On	1 day	Fri 18/5/29	Fri 18/5/29
206	Testing and commissioning	30 days	Wed 2/5/29	Tue 5/6/29
207	Submission of M&E OMM, as built drawing, HDB TM M&E Testing for MSB, HFAD, Pumps, LPS, CATV etc	30 days	Wed 6/6/29	Tue 10/7/29
208	**External Works for Block 734 (MSCP)**	**172 days**	**Thu 28/12/28**	**Mon 16/7/29**
209	Construction of linkway and linkbridge	120 days	Tue 27/2/29	Mon 16/7/29
210	1st coordination meeting with PUB	1 day	Thu 28/12/28	Fri 29/12/28
211	1st coordination meeting with Powergas	1 day	Sat 13/1/29	Mon 15/1/29
212	SP PowerGrid Pull LT cable	15 days	Sat 14/4/29	Tue 1/5/29
213	PUB lay water main pipes	30 days	Fri 13/4/29	Thu 17/5/29
214	Powergas lay residentail building underground gas main works	30 days	Mon 30/4/29	Sat 2/6/29
215	Construction of driveways and fire engine access way	90 days	Thu 15/3/29	Wed 27/6/29
216	**TOP Appplication**	**54 days**	**Tue 17/7/29**	**Mon 17/9/29**
217	Arch RI Inspection	1 day	Tue 17/7/29	Tue 17/7/29
218	M&E RI Inspection	1 day	Wed 18/7/29	Wed 18/7/29
219	PUB and NEA TOP clearance	1 day	Thu 2/8/29	Thu 2/8/29
220	RI Defect Rectifiation	7 days	Thu 19/7/29	Thu 26/7/29
221	TFP Application	7 days	Fri 27/7/29	Fri 3/8/29
222	TOP Inspection	1 day	Fri 27/7/29	Fri 27/7/29
223	TOP inspection defect rectification	21 days	Tue 7/8/29	Thu 30/8/29
224	BCA issue TOP certification	1 day	Mon 17/9/29	Mon 17/9/29
225	**Defect Checking & Rectification**	**4 days**	**Tue 10/7/29**	**Fri 13/7/29**
226	Contractors Checking & Cleaning Up	3 days	Wed 11/7/29	Fri 13/7/29
227	Functionality Test	4 days	Tue 10/7/29	Fri 13/7/29
228	**Hand-over of Block 734 (MSCP)**	**59 days**	**Sat 14/7/29**	**Thu 20/9/29**
229	RTO Inspection prior to HDB, BO and TC inspection	7 days	Sat 14/7/29	Sat 21/7/29
230	BO & TC 1st Inspection of MSCP	1 day	Tue 31/7/29	Tue 31/7/29
231	Defect Rectification	21 days	Wed 1/8/29	Fri 24/8/29
232	BO & TC 2nd Inspection of MSCP	1 day	Tue 28/8/29	Tue 28/8/29
233	Defect Rectification	14 days	Wed 29/8/29	Thu 13/9/29
234	Hand-over of Block 88 (MSCP)	1 day	Thu 20/9/29	Thu 20/9/29
235				
236	**Phase 5 Child Care Centre (CCC) at Block 734 (21-Aug-25 to 20 Sep 29)**	**394 days**	**Mon 19/6/28**	**Thu 20/9/29**
237	**Architectural Works of CCC**	**196 days**	**Mon 19/6/28**	**Thu 1/2/29**
238	Internal Skimming	14 days	Mon 19/6/28	Tue 4/7/28
239	Tiling works	14 days	Wed 5/7/28	Thu 20/7/28
240	Internal Painting	14 days	Fri 21/7/28	Sat 5/8/28
241	Railing/metal works	14 days	Mon 7/8/28	Tue 22/8/28
242	External Plastering	14 days	Wed 29/11/28	Thu 14/12/28
243	External Skimming	14 days	Fri 15/12/28	Sat 30/12/28
244	External Painting	14 days	Mon 1/1/29	Tue 16/1/29
245	Signage Installation work	14 days	Wed 17/1/29	Thu 1/2/29
246	**Sanitary and Plumbing Works**	**147 days**	**Wed 5/7/28**	**Fri 22/12/28**
247	Installation of water supply services	7 days	Fri 15/12/28	Fri 22/12/28
248	Installation of hosereel system	7 days	Wed 5/7/28	Wed 12/7/28
249	Installation of waste, soil , & vent pipes	7 days	Wed 5/7/28	Wed 12/7/28
250	Installation of hosereel pump set	7 days	Thu 13/7/28	Thu 20/7/28
251	Water Turn On	1 day	Mon 7/8/28	Mon 7/8/28
252	Testing and commissioning	14 days	Tue 8/8/28	Wed 23/8/28
253	Sanitary PUB inspection clearance	14 days	Thu 24/8/28	Fri 8/9/28
254	**Electrical And Fire Alarm Works**	**275 days**	**Mon 7/8/28**	**Fri 22/6/29**
255	Exposed conduit and trunking works	7 days	Mon 7/8/28	Mon 14/8/28
256	Wiring and cabling works	7 days	Thu 31/8/28	Thu 7/9/28



Project:
Ang Mo Kio N7C41A Master Program

Task | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Progress | Manual Progress

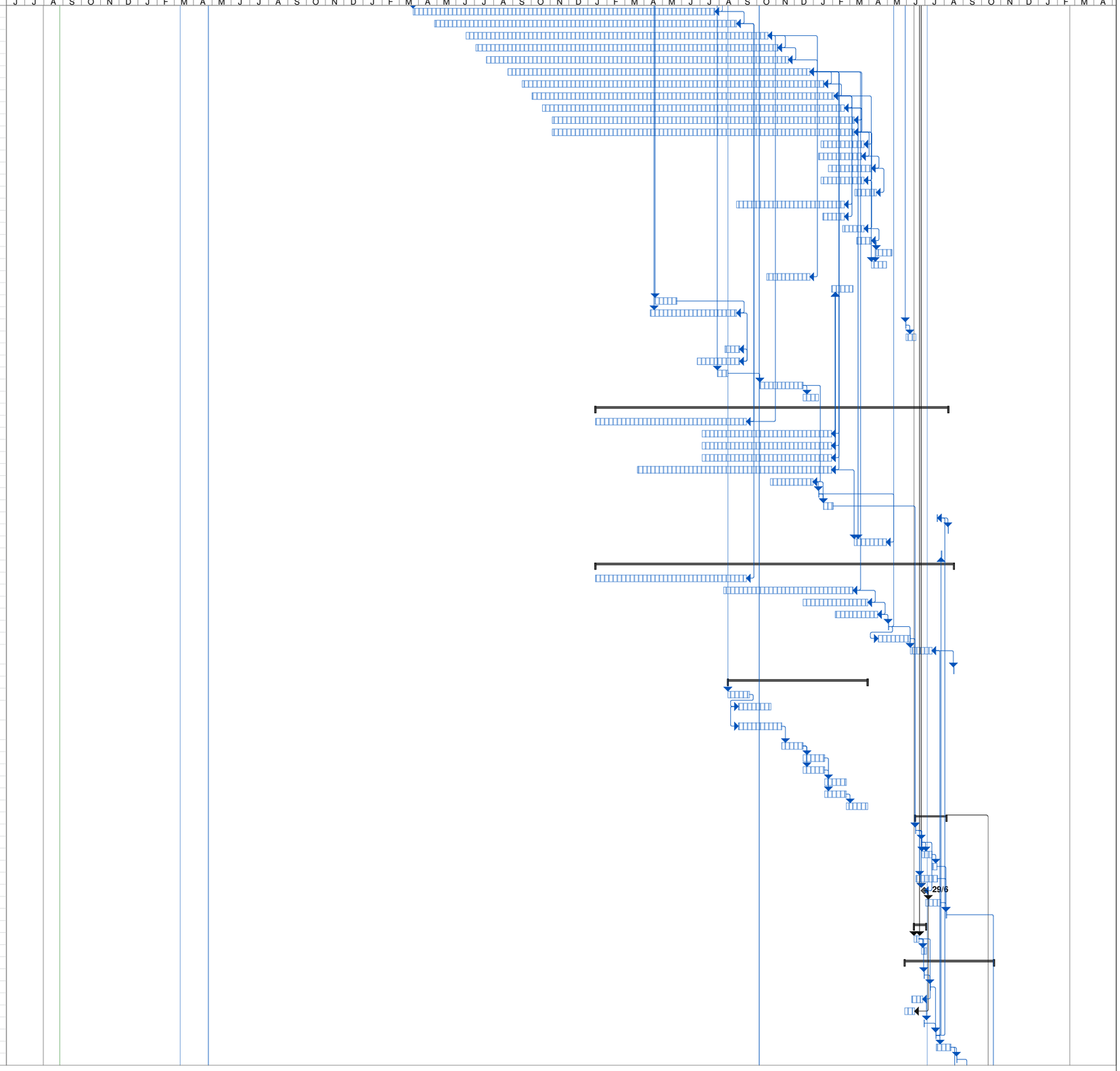
ID	Task Name	Duration	Start	Finish
257	Lightning and fire alarm installation	7 days	Sat 16/9/28	Sat 23/9/28
258	Installation of lighting projection system	7 days	Sat 16/9/28	Sat 23/9/28
259	Power Turn On to CCC	1 day	Sat 19/5/29	Sat 19/5/29
260	Testing and commissioning	7 days	Wed 30/5/29	Wed 6/6/29
261	Submission of M&E OMM, as built drawing, HDB TM M&E Testing for MSB, HFAD, Pumps, LPS, CATV etc	14 days	Thu 7/6/29	Fri 22/6/29
262	**TOP Appplication**	**54 days**	**Tue 17/7/29**	**Mon 17/9/29**
263	Arch RI Inspection	1 day	Tue 17/7/29	Tue 17/7/29
264	M&E RI Inspection	1 day	Wed 18/7/29	Wed 18/7/29
265	PUB and NEA TOP clearance	1 day	Thu 2/8/29	Thu 2/8/29
266	RI Defect Rectifiation	7 days	Thu 19/7/29	Thu 26/7/29
267	TFP Application	7 days	Fri 27/7/29	Fri 3/8/29
268	TOP Inspection	1 day	Fri 27/7/29	Fri 27/7/29
269	TOP inspection defect rectification	21 days	Tue 7/8/29	Thu 30/8/29
270	BCA issue TOP certification	1 day	Mon 17/9/29	Mon 17/9/29
271	**Defect Checking & Rectification**	**4 days**	**Tue 10/7/29**	**Fri 13/7/29**
272	Contractors Checking & Cleaning Up	3 days	Wed 11/7/29	Fri 13/7/29
273	Functionality Test	4 days	Tue 10/7/29	Fri 13/7/29
274	**Hand-over of CCC at block 734**	**59 days**	**Sat 14/7/29**	**Thu 20/9/29**
275	RTO Inspection prior to HDB inspection	7 days	Sat 14/7/29	Sat 21/7/29
276	1st HDB BIT Inspection	1 day	Tue 31/7/29	Tue 31/7/29
277	Defect Rectification	14 days	Wed 1/8/29	Thu 16/8/29
278	2nd HDB BIT Inspection	1 day	Tue 21/8/29	Tue 21/8/29
279	Defect Rectification	14 days	Wed 22/8/29	Thu 6/9/29
280	PLG Inspection	1 day	Fri 7/9/29	Fri 7/9/29
281	Hand-over of Precinct Pavilion (Block 88)	1 day	Thu 20/9/29	Thu 20/9/29
282				
283	**Phase 6 Block 733A (21-Aug-25 to 20-Oct-29)**	**1154 days**	**Fri 13/2/26**	**Sat 20/10/29**
284	**Structural Works**	**738 days**	**Fri 13/2/26**	**Thu 22/6/28**
285	Excavation Works	35 days	Fri 13/2/26	Wed 25/3/26
286	Pile cap construction	60 days	Fri 20/3/26	Thu 28/5/26
287	Stump construction	45 days	Tue 12/5/26	Thu 2/7/26
288	Underground M&E servicese installation	45 days	Thu 28/5/26	Sat 18/7/26
289	Backfilling and compacting	45 days	Sat 13/6/26	Tue 4/8/26
290	Soil Treatment	30 days	Fri 17/7/26	Thu 20/8/26
291	1st Storey Slab	30 days	Tue 11/8/26	Mon 14/9/26
292	Erection of tower crane	5 days	Wed 14/10/26	Mon 19/10/26
293	2nd Storey R.C.	45 days	Tue 15/9/26	Thu 5/11/26
294	3rd Storey R.C.	30 days	Fri 6/11/26	Thu 10/12/26
295	4th Storey R.C.	21 days	Fri 11/12/26	Mon 4/1/27
296	5th Storey R.C.	18 days	Tue 5/1/27	Mon 25/1/27
297	6th Storey R.C.	16 days	Tue 26/1/27	Fri 12/2/27
298	7th storey R.C.	16 days	Sat 13/2/27	Wed 3/3/27
299	8th storey R.C.	16 days	Thu 4/3/27	Mon 22/3/27
300	9th storey R.C.	16 days	Tue 23/3/27	Fri 9/4/27
301	10th storey R.C.	16 days	Sat 10/4/27	Wed 28/4/27
302	11th storey R.C.	16 days	Thu 29/4/27	Mon 17/5/27
303	12th storey R.C.	16 days	Tue 18/5/27	Fri 4/6/27
304	13th storey R.C.	16 days	Sat 5/6/27	Wed 23/6/27
305	14th storey R.C.	16 days	Thu 24/6/27	Mon 12/7/27
306	15th storey R.C.	16 days	Tue 13/7/27	Fri 30/7/27
307	16th storey R.C.	16 days	Sat 31/7/27	Wed 18/8/27
308	17th storey R.C.	16 days	Thu 19/8/27	Mon 6/9/27
309	18th storey R.C.	30 days	Tue 7/9/27	Mon 11/10/27
310	19th storey R.C.	30 days	Tue 12/10/27	Mon 15/11/27
311	20th storey R.C.	30 days	Tue 16/11/27	Mon 20/12/27
312	Roof Slab	45 days	Tue 21/12/27	Thu 10/2/28
313	Roof Facia	30 days	Tue 7/3/28	Mon 10/4/28
314	Lift shaft roof	21 days	Fri 11/2/28	Mon 6/3/28
315	Water tank beam and pump room slab	30 days	Tue 7/3/28	Mon 10/4/28
316	Precast Water Tank Installation	21 days	Sat 13/5/28	Tue 6/6/28
317	Pump room roof	30 days	Tue 11/4/28	Mon 15/5/28
318	Dismantle of Tower Crane	3 days	Tue 20/6/28	Thu 22/6/28
319	**Lift installation**	**371 days**	**Thu 23/3/28**	**Tue 29/5/29**
320	Hand over of lift Hoistway	1 day	Thu 23/3/28	Thu 23/3/28
321	Lift installation by lift contractor	60 days	Fri 24/3/28	Thu 1/6/28
322	Brick up of lift door jamb by builder	14 days	Fri 2/6/28	Sat 17/6/28
323	Testing and commissioning by temporary power supply	35 days	Mon 19/6/28	Fri 28/7/28
324	Permanent Power supply to lift	1 day	Fri 11/5/29	Fri 11/5/29
325	Lift readiness for M&E RI	1 day	Mon 21/5/29	Mon 21/5/29
326	Temporary usage of 1st lift	1 day	Mon 21/5/29	Mon 21/5/29
327	Lift HDB testing	7 days	Tue 22/5/29	Tue 29/5/29
328	**Shop Drawing, Method Statement, Trade Demo and Sample Units**	**379 days**	**Wed 15/4/26**	**Wed 30/6/27**
329	Shop Drawing Submission and Approval	60 days	Thu 14/5/26	Wed 22/7/26
330	Method Statement Submission and Approval	30 days	Wed 15/4/26	Tue 19/5/26
331	Trade Demos and Start Sample Units	15 days	Tue 26/1/27	Thu 11/2/27
332	Completion of Sample Units	45 days	Fri 12/2/27	Mon 5/4/27
333	Inspection and Approval of Sample unit by Consultant	30 days	Wed 14/4/27	Tue 18/5/27
334	Approval of Sample Unit by HDB	30 days	Thu 27/5/27	Wed 30/6/27
335	BCA HHS sample unit inspection	1 day	Thu 27/5/27	Thu 27/5/27
336	**Architectural Works At Lift Lobby, Common Corridor And Staricase**	**396 days**	**Tue 23/11/27**	**Mon 26/2/29**
337	Plastering, skimming, floor screeding and railing/handrails	210 days	Tue 23/11/27	Mon 24/7/28
338	Wall tiling for lift lobby and refuse chute area	60 days	Tue 27/6/28	Mon 4/9/28
339	Floor tiling to lift lobby and refuse chute area	60 days	Tue 1/8/28	Mon 9/10/28
340	Install Refuse Hopper	60 days	Tue 10/10/28	Mon 18/12/28
341	False ceiling	60 days	Tue 19/12/28	Mon 26/2/29
342	**Architectural Works**	**700 days**	**Tue 23/3/27**	**Fri 15/6/29**



Project:
Ang Mo Kio N7C41A Master Program

Task | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Progress | Manual Progress

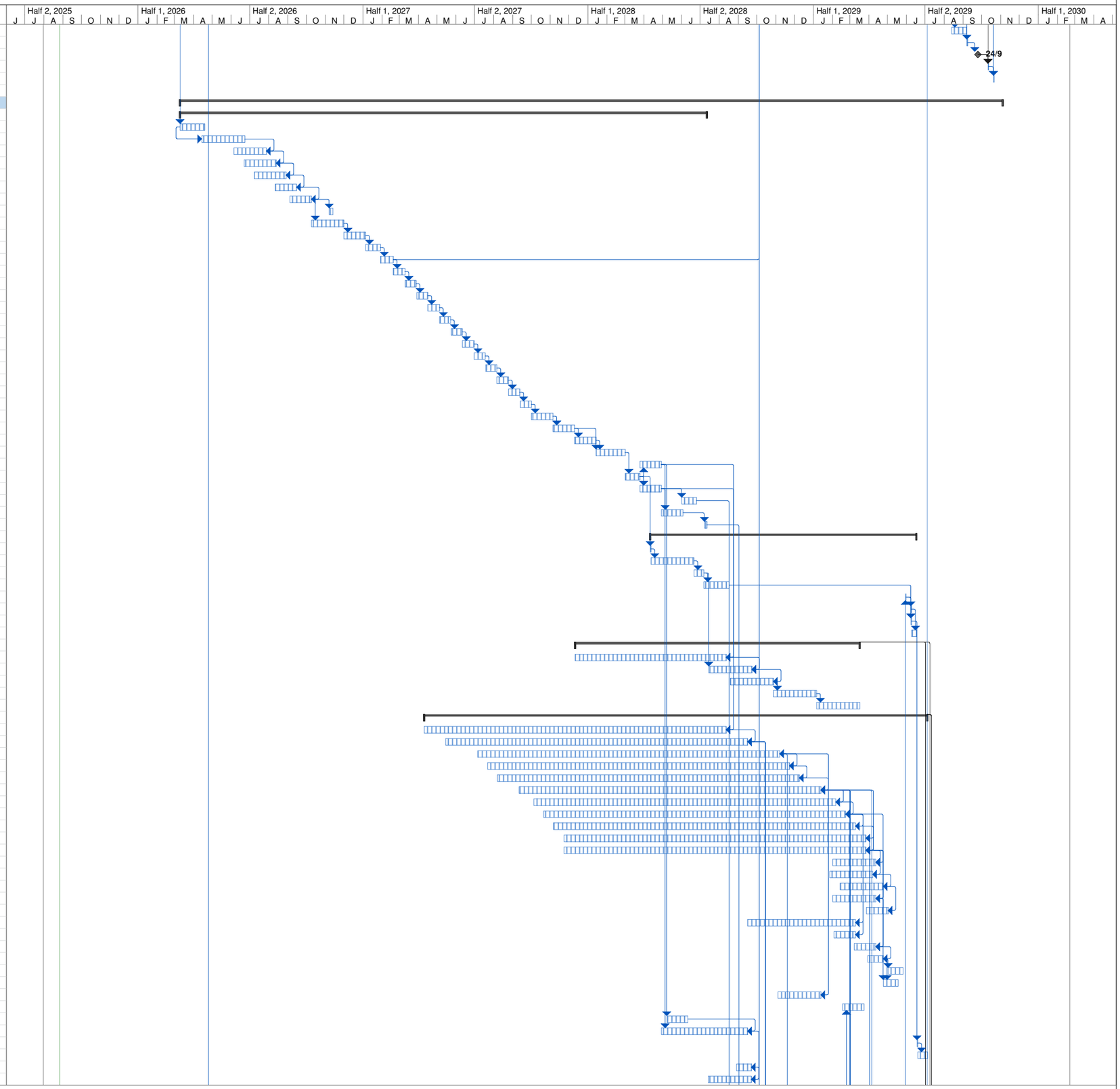
ID	Task Name	Duration	Start	Finish
343	Ceiling Skimming	420 days	Tue 23/3/27	Mon 24/7/28
344	Brick/Dry Wall/Light Weight Panel Installation	420 days	Tue 27/4/27	Mon 28/8/28
345	Install MS Door Frames	420 days	Thu 17/6/27	Wed 18/10/28
346	Water proof to wet area	420 days	Sat 3/7/27	Fri 3/11/28
347	Install Alum window outer frame	420 days	Tue 20/7/27	Mon 20/11/28
348	Internal Wall Skimming / Plastering	420 days	Tue 24/8/27	Mon 25/12/28
349	Wall Tiling	420 days	Thu 16/9/27	Wed 17/1/29
350	Floor Tiling	420 days	Sat 2/10/27	Fri 2/2/29
351	Box up at Toilet	420 days	Tue 19/10/27	Mon 19/2/29
352	Sanitary ware installation	420 days	Thu 4/11/27	Wed 7/3/29
353	Internal Painting (1st Coat)	420 days	Thu 4/11/27	Wed 7/3/29
354	Electrical fixtures	60 days	Sat 13/1/29	Fri 23/3/29
355	Install HHS door panel	60 days	Tue 9/1/29	Mon 19/3/29
356	Internal Painting (2nd Coat)	60 days	Thu 25/1/29	Wed 4/4/29
357	Install Skirting	60 days	Sat 13/1/29	Fri 23/3/29
358	Cloths rack Installation	30 days	Fri 9/3/29	Thu 12/4/29
359	Install Window inner frame/Glazing	150 days	Tue 29/8/28	Mon 19/2/29
360	Install Metal Gate	30 days	Tue 16/1/29	Mon 19/2/29
361	Removing Protection to floor tiling	30 days	Sat 17/2/29	Fri 23/3/29
362	Install Door Panel	21 days	Mon 12/3/29	Wed 4/4/29
363	Install Ironmongery	21 days	Fri 13/4/29	Mon 7/5/29
364	Final pointing to floor tile	21 days	Thu 5/4/29	Sat 28/4/29
365	Plastering and skimming at 1st sty	60 days	Tue 17/10/28	Mon 25/12/28
366	Letter Box, Box-up, False Ceiling Installation	30 days	Tue 30/1/29	Mon 5/3/29
367	Rectification Work to External Façade	30 days	Wed 19/4/28	Tue 23/5/28
368	External Skimming	120 days	Tue 11/4/28	Mon 28/8/28
369	Removal of P/M Hoist	1 day	Wed 30/5/29	Wed 30/5/29
370	Reinstatement of external work to PM hoist area	14 days	Thu 31/5/29	Fri 15/6/29
371	External Cloth rack installation	21 days	Thu 10/8/28	Sat 2/9/28
372	External Painting	60 days	Mon 26/6/28	Sat 2/9/28
373	Roof Water Tightness Test	14 days	Sat 29/7/28	Mon 14/8/28
374	Roof Skimming Works	60 days	Fri 6/10/28	Thu 14/12/28
375	Secondary Roofing System	21 days	Fri 15/12/28	Mon 8/1/29
376	**Sanitary, Plumbing, Gas and HR & DR Works**	**491 days**	**Thu 13/1/28**	**Tue 7/8/29**
377	Unit Copper pipe and sanitary piping	210 days	Thu 13/1/28	Wed 13/9/28
378	Installation of water supply services	180 days	Tue 4/7/28	Mon 29/1/29
379	Installation of hosereel pipe and DR pipe	180 days	Tue 4/7/28	Mon 29/1/29
380	Installation of gas pipes	180 days	Tue 4/7/28	Mon 29/1/29
381	Installation of waste, soil , & vent pipes	270 days	Tue 21/3/28	Mon 29/1/29
382	Installation of HR tanks and pump set, bulk meter chamber	60 days	Mon 23/10/28	Sat 30/12/28
383	Bulk Meter Water Turn On	1 day	Tue 9/1/29	Tue 9/1/29
384	Testing and commissioning	14 days	Wed 17/1/29	Thu 1/2/29
385	Gas final pressure test	1 day	Fri 20/7/29	Fri 20/7/29
386	Gas charge in	1 day	Tue 7/8/29	Tue 7/8/29
387	Sanitary PUB inspection clearance	45 days	Thu 8/3/29	Sat 28/4/29
388	Installation of Unit Sub-meter	1 day	Fri 27/7/29	Fri 27/7/29
389	**Electrical Works**	**499 days**	**Thu 13/1/28**	**Thu 16/8/29**
390	Unit conduit and wiring	210 days	Thu 13/1/28	Wed 13/9/28
391	Exposed conduit, trunking, wiring and cabling works	180 days	Tue 8/8/28	Mon 5/3/29
392	Lightning, power point and LPS installation	90 days	Fri 15/12/28	Thu 29/3/29
393	CSR electrical works including testing	60 days	Mon 5/2/29	Sat 14/4/29
394	CSR Power Turn On	1 day	Wed 2/5/29	Wed 2/5/29
395	Testing and commissioning	45 days	Mon 16/4/29	Wed 6/6/29
396	Submission of M&E OMM, as built drawing, HDB TM M&E Testing for MSB, HFAD, Pumps, LPS, CATV etc	30 days	Thu 7/6/29	Wed 11/7/29
397	SP Powergrid Pre Turn on	1 day	Thu 16/8/29	Thu 16/8/29
398	**Covered Linkway, pathways,driveway and hardscape works**	**195 days**	**Tue 15/8/28**	**Thu 29/3/29**
399	Excavation	30 days	Tue 15/8/28	Mon 18/9/28
400	Driveway base, Footing & Ground Beam for linkway/pathway/drop off point	45 days	Fri 1/9/28	Mon 23/10/28
401	Construction of driveway works, RC works for linkway, pathways, drop off point	60 days	Fri 1/9/28	Thu 9/11/28
402	Steel Structure Work	30 days	Fri 10/11/28	Thu 14/12/28
403	Roofing works	30 days	Fri 15/12/28	Thu 18/1/29
404	House Drain Construction	30 days	Fri 15/12/28	Thu 18/1/29
405	Architectural Finishing	30 days	Fri 19/1/29	Thu 22/2/29
406	M&E Works	30 days	Fri 19/1/29	Thu 22/2/29
407	Hardscape works	30 days	Fri 23/2/29	Thu 29/3/29
408	**TOP Application**	**44 days**	**Fri 15/6/29**	**Sat 4/8/29**
409	M&E RI Inspection	1 day	Fri 15/6/29	Fri 15/6/29
410	Arch RI Inspection	1 day	Mon 25/6/29	Mon 25/6/29
411	RI Defect Rectifiation	14 days	Tue 26/6/29	Wed 11/7/29
412	TFP Application	7 days	Thu 12/7/29	Thu 19/7/29
413	HHS BCA Inspection, defect rectification and obtain NOA	30 days	Sat 16/6/29	Fri 20/7/29
414	TOP Inspection	1 day	Fri 29/6/29	Fri 29/6/29
415	TOP inspection defect rectification	21 days	Mon 2/7/29	Wed 25/7/29
416	BCA issue TOP certification	1 day	Sat 4/8/29	Sat 4/8/29
417	**Defect Checking & Rectification**	**17 days**	**Wed 13/6/29**	**Mon 2/7/29**
418	Contractor checking & Cleaning Up	7 days	Wed 13/6/29	Wed 20/6/29
419	Functionality Test	7 days	Mon 25/6/29	Mon 2/7/29
420	**Handing Over**	**125 days**	**Tue 29/5/29**	**Sat 20/10/29**
421	HDB Window Water Tightness Test	1 day	Fri 29/6/29	Fri 29/6/29
422	HDB Critical Functional Test	1 day	Mon 9/7/29	Mon 9/7/29
423	RTO Inspection prior to HDB BIT inspection	15 days	Sat 9/6/29	Tue 26/6/29
424	Conquas Inspection	14 days	Tue 29/5/29	Wed 13/6/29
425	HDB PD Pre BIT	1 day	Fri 29/6/29	Fri 29/6/29
426	HDB 1st BIT Inspection and TC inspections	1 day	Wed 18/7/29	Wed 18/7/29
427	Defect Rectification	21 days	Thu 19/7/29	Sat 11/8/29
428	HDB 2nd BIT Inspection and TC inspections	1 day	Tue 21/8/29	Tue 21/8/29



Project:
Ang Mo Kio N7C41A Master Program

Task | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Progress | Manual Progress

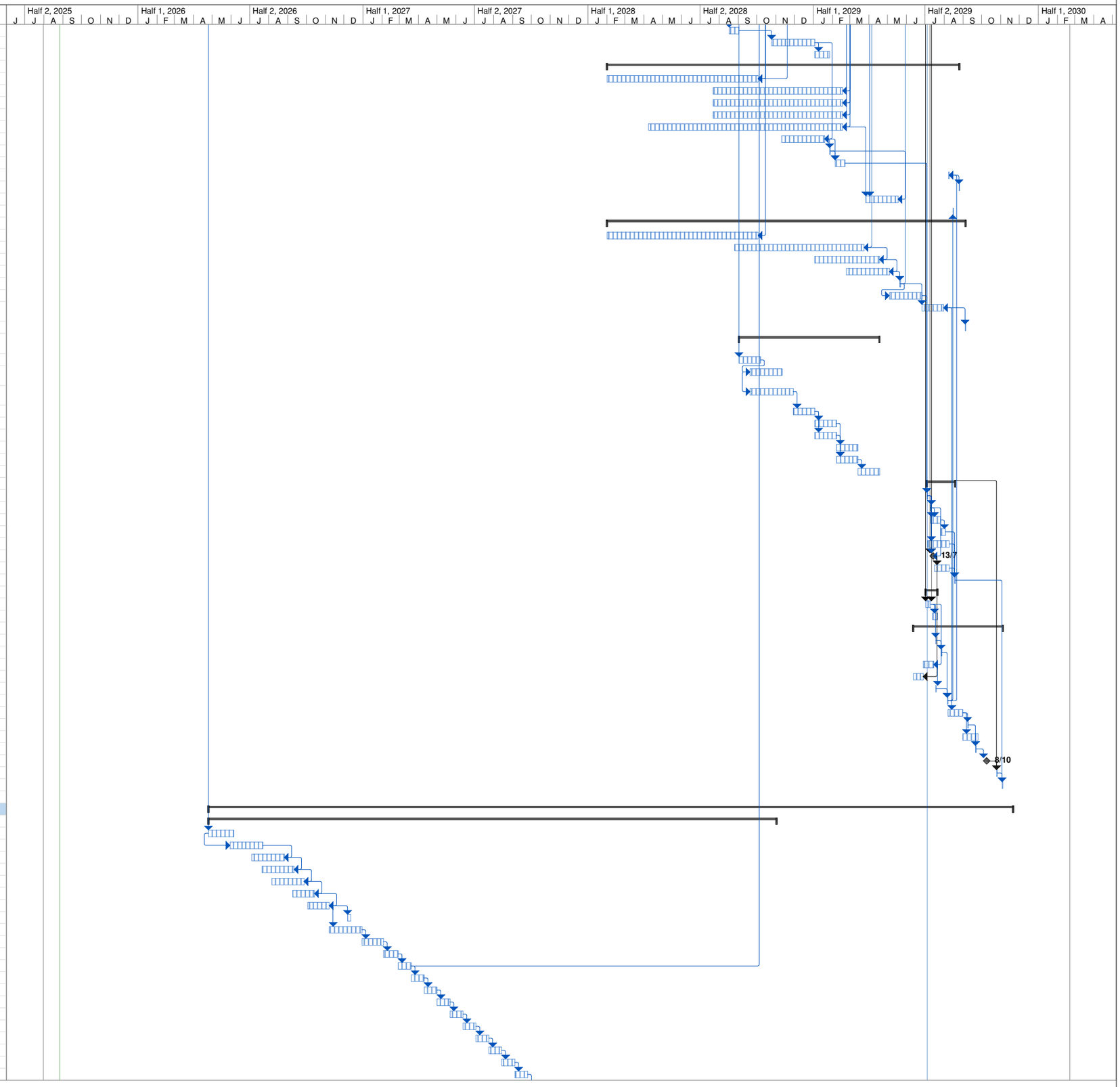
ID	Task Name	Duration	Start	Finish
429	Defect Rectification	21 days	Mon 13/8/29	Wed 5/9/29
430	Sanitary Pipe Audit	1 day	Fri 7/9/29	Fri 7/9/29
431	Consultant Lock Up Inspection	14 days	Sat 8/9/29	Mon 24/9/29
432	HDB Lock Up Inspection	1 day	Thu 11/10/29	Thu 11/10/29
433	Handing over Block733A	1 day	Sat 20/10/29	Sat 20/10/29
434				
435	**Phase 7 Block 733B (21-Aug-25 to 4-Nov-29)**	**1145 days**	**Tue 10/3/26**	**Sat 3/11/29**
436	**Structural Works**	**733 days**	**Tue 10/3/26**	**Tue 11/7/28**
437	Excavation Works	35 days	Tue 10/3/26	Sat 18/4/26
438	Pile cap construction	60 days	Tue 14/4/26	Mon 22/6/26
439	Stump construction	45 days	Fri 5/6/26	Mon 27/7/26
440	Underground M&E servicese installation	45 days	Mon 22/6/26	Wed 12/8/26
441	Backfilling and compacting	45 days	Wed 8/7/26	Fri 28/8/26
442	Soil Treatment	30 days	Tue 11/8/26	Mon 14/9/26
443	1st Storey Slab	30 days	Fri 4/9/26	Thu 8/10/26
444	Erection of tower crane	5 days	Sat 7/11/26	Thu 12/11/26
445	2nd Storey R.C.	45 days	Fri 9/10/26	Mon 30/11/26
446	3rd Storey R.C.	30 days	Tue 1/12/26	Mon 4/1/27
447	4th Storey R.C.	21 days	Tue 5/1/27	Thu 28/1/27
448	5th Storey R.C.	18 days	Fri 29/1/27	Thu 18/2/27
449	6th Storey R.C.	16 days	Fri 19/2/27	Tue 9/3/27
450	7th storey R.C.	16 days	Wed 10/3/27	Sat 27/3/27
451	8th storey R.C.	16 days	Mon 29/3/27	Thu 15/4/27
452	9th storey R.C.	16 days	Fri 16/4/27	Tue 4/5/27
453	10th storey R.C.	16 days	Wed 5/5/27	Sat 22/5/27
454	11th storey R.C.	16 days	Mon 24/5/27	Thu 10/6/27
455	12th storey R.C.	16 days	Fri 11/6/27	Tue 29/6/27
456	13th storey R.C.	16 days	Wed 30/6/27	Sat 17/7/27
457	14th storey R.C.	16 days	Mon 19/7/27	Thu 5/8/27
458	15th storey R.C.	16 days	Fri 6/8/27	Tue 24/8/27
459	16th storey R.C.	16 days	Wed 25/8/27	Sat 11/9/27
460	17th storey R.C.	16 days	Mon 13/9/27	Thu 30/9/27
461	18th storey R.C.	30 days	Fri 1/10/27	Thu 4/11/27
462	19th storey R.C.	30 days	Fri 5/11/27	Thu 9/12/27
463	20th storey R.C.	30 days	Fri 10/12/27	Thu 13/1/28
464	Roof Slab	40 days	Fri 14/1/28	Tue 29/2/28
465	Roof Facia	30 days	Sat 25/3/28	Fri 28/4/28
466	Lift shaft roof	21 days	Wed 1/3/28	Fri 24/3/28
467	Water tank beam and pump room slab	30 days	Sat 25/3/28	Fri 28/4/28
468	Precast Water Tank Installation	21 days	Thu 1/6/28	Sat 24/6/28
469	Pump room roof	30 days	Sat 29/4/28	Fri 2/6/28
470	Dismantle of Tower Crane	3 days	Sat 8/7/28	Tue 11/7/28
471	**Lift installation**	**371 days**	**Tue 11/4/28**	**Sat 16/6/29**
472	Hand over of lift Hoistway	1 day	Tue 11/4/28	Tue 11/4/28
473	Lift installation by lift contractor	60 days	Wed 12/4/28	Tue 20/6/28
474	Brick up of lift door jamb by builder	14 days	Wed 21/6/28	Thu 6/7/28
475	Testing and commissioning by temporary power supply	35 days	Fri 7/7/28	Wed 16/8/28
476	Permanent Power supply to lift	1 day	Wed 30/5/29	Wed 30/5/29
477	Lift readiness for M&E RI	1 day	Fri 8/6/29	Fri 8/6/29
478	Temporary usage of 1st lift	1 day	Fri 8/6/29	Fri 8/6/29
479	Lift HDB testing	7 days	Sat 9/6/29	Sat 16/6/29
480	**Architectural Works At Lift Lobby, Common Corridor And Staricase**	**396 days**	**Sat 11/12/27**	**Fri 16/3/29**
481	Plastering, skimming, floor screeding and railing/handrails	210 days	Sat 11/12/27	Fri 11/8/28
482	Wall tiling for lift lobby and refuse chute area	60 days	Sat 15/7/28	Fri 22/9/28
483	Floor tiling to lift lobby and refuse chute area	60 days	Sat 19/8/28	Fri 27/10/28
484	Install Refuse Hopper	60 days	Sat 28/10/28	Fri 5/1/29
485	False ceiling	60 days	Sat 6/1/29	Fri 16/3/29
486	**Architectural Works**	**700 days**	**Sat 10/4/27**	**Wed 4/7/29**
487	Ceiling Skimming	420 days	Sat 10/4/27	Fri 11/8/28
488	Brick/Dry Wall/Light Weight Panel Installation	420 days	Sat 15/5/27	Fri 15/9/28
489	Install MS Door Frames	420 days	Tue 6/7/27	Mon 6/11/28
490	Water proof to wet area	420 days	Thu 22/7/27	Wed 22/11/28
491	Install Alum window outer frame	420 days	Sat 7/8/27	Fri 8/12/28
492	Internal Wall Skimming / Plastering	420 days	Sat 11/9/27	Fri 12/1/29
493	Wall Tiling	420 days	Tue 5/10/27	Mon 5/2/29
494	Floor Tiling	420 days	Thu 21/10/27	Wed 21/2/29
495	Box up at Toilet	420 days	Sat 6/11/27	Fri 9/3/29
496	Sanitary ware installation	420 days	Tue 23/11/27	Mon 26/3/29
497	Internal Painting (1st Coat)	420 days	Tue 23/11/27	Mon 26/3/29
498	Electrical fixtures	60 days	Thu 1/2/29	Wed 11/4/29
499	Install HHS door panel	60 days	Sat 27/1/29	Fri 6/4/29
500	Internal Painting (2nd Coat)	60 days	Tue 13/2/29	Mon 23/4/29
501	Install Skirting	60 days	Thu 1/2/29	Wed 11/4/29
502	Cloths rack Installation	30 days	Wed 28/3/29	Tue 1/5/29
503	Install Window inner frame/Glazing	150 days	Sat 16/9/28	Fri 9/3/29
504	Install Metal Gate	30 days	Sat 3/2/29	Fri 9/3/29
505	Removing Protection to floor tiling	30 days	Thu 8/3/29	Wed 11/4/29
506	Install Door Panel	21 days	Fri 30/3/29	Mon 23/4/29
507	Install Ironmongery	21 days	Wed 2/5/29	Fri 25/5/29
508	Final pointing to floor tile	21 days	Tue 24/4/29	Thu 17/5/29
509	Plastering and skimming at 1st sty	60 days	Sat 4/11/28	Fri 12/1/29
510	Letter Box, Box-up, False Ceiling Installation	30 days	Sat 17/2/29	Fri 23/3/29
511	Rectification Work to External Façade	30 days	Mon 8/5/28	Sat 10/6/28
512	External Skimming	120 days	Sat 29/4/28	Fri 15/9/28
513	Removal of P/M Hoist	1 day	Mon 18/6/29	Mon 18/6/29
514	Reinstatement of external work to PM hoist area	14 days	Tue 19/6/29	Wed 4/7/29
515	External Cloth rack installation	21 days	Tue 29/8/28	Thu 21/9/28
516	External Painting	60 days	Fri 14/7/28	Thu 21/9/28



Project:
Ang Mo Kio N7C41A Master Program

Task | Project Summary | Inactive Task | Manual Task | Manual Summary | Deadline
Milestone | External Tasks | Inactive Milestone | Duration-only | Start-only | Progress
Summary | External Milestone | Inactive Summary | Manual Summary Rollup | Finish-only | Manual Progress

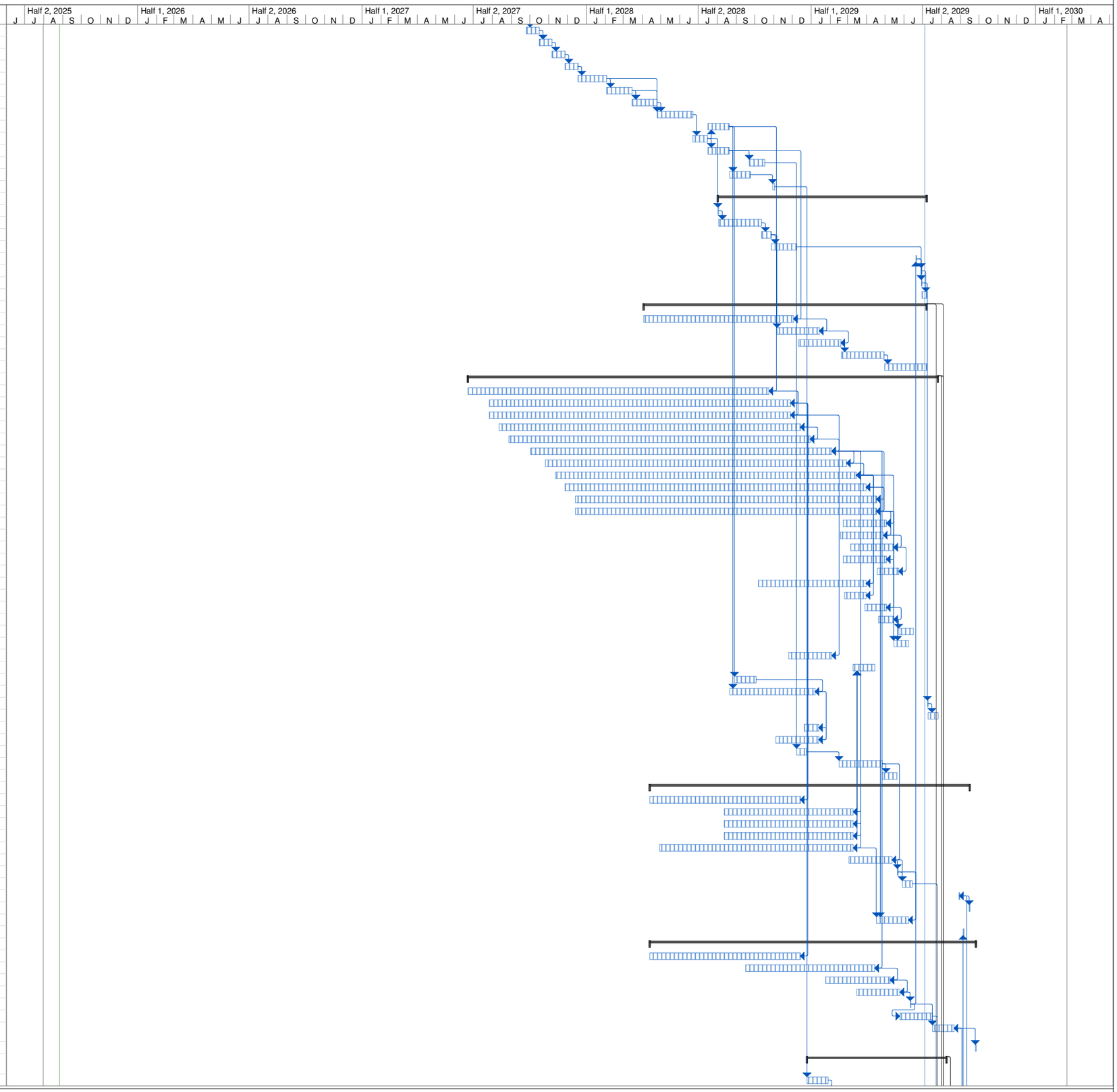
ID	Task Name	Duration	Start	Finish
517	Roof Water Tightness Test	14 days	Thu 17/8/28	Fri 1/9/28
518	Roof Skimming Works	60 days	Wed 25/10/28	Tue 2/1/29
519	Secondary Roofing System	21 days	Wed 3/1/29	Fri 26/1/29
520	**Sanitary, Plumbing, Gas and HR & DR Works**	**491 days**	**Tue 1/2/28**	**Sat 25/8/29**
521	Unit Copper pipe and sanitary piping	210 days	Tue 1/2/28	Mon 2/10/28
522	Installation of water supply services	180 days	Sat 22/7/28	Fri 16/2/29
523	Installation of hosereel pipe and DR pipe	180 days	Sat 22/7/28	Fri 16/2/29
524	Installation of gas pipes	180 days	Sat 22/7/28	Fri 16/2/29
525	Installation of waste, soil , & vent pipes	270 days	Sat 8/4/28	Fri 16/2/29
526	Installation of HR tanks and pump set, bulk meter chamber	60 days	Fri 10/11/28	Thu 18/1/29
527	Bulk Meter Water Turn On	1 day	Sat 27/1/29	Sat 27/1/29
528	Testing and commissioning	14 days	Mon 5/2/29	Tue 20/2/29
529	Gas final pressure test	1 day	Wed 8/8/29	Wed 8/8/29
530	Gas charge in	1 day	Sat 25/8/29	Sat 25/8/29
531	Sanitary PUB inspection clearance	45 days	Tue 27/3/29	Thu 17/5/29
532	Installation of Unit Sub-meter	1 day	Wed 15/8/29	Wed 15/8/29
533	**Electrical Works**	**499 days**	**Tue 1/2/28**	**Tue 4/9/29**
534	Unit conduit and wiring	210 days	Tue 1/2/28	Mon 2/10/28
535	Exposed conduit, trunking, wiring and cabling works	180 days	Sat 26/8/28	Fri 23/3/29
536	Lightning, power point and LPS installation	90 days	Wed 3/1/29	Tue 17/4/29
537	CSR electrical works including testing	60 days	Fri 23/2/29	Thu 3/5/29
538	CSR Power Turn On	1 day	Mon 21/5/29	Mon 21/5/29
539	Testing and commissioning	45 days	Fri 4/5/29	Mon 25/6/29
540	Submission of M&E OMM, as built drawing, HDB TM M&E Testing for MSB, HFAD, Pumps, LPS, CATV etc	30 days	Tue 26/6/29	Mon 30/7/29
541	SP Powergrid Pre Turn on	1 day	Tue 4/9/29	Tue 4/9/29
542	**Drop off point, covered Linkway, pathways,driveway and hardscape works**	**195 days**	**Sat 2/9/28**	**Tue 17/4/29**
543	Excavation	30 days	Sat 2/9/28	Fri 6/10/28
544	Driveway base, Footing & Ground Beam for linkway/pathway/drop off point	45 days	Wed 20/9/28	Fri 10/11/28
545	Construction of driveway works, RC works for linkway, pathways, drop off point	60 days	Wed 20/9/28	Tue 28/11/28
546	Steel Structure Work	30 days	Wed 29/11/28	Tue 2/1/29
547	Roofing works	30 days	Wed 3/1/29	Tue 6/2/29
548	House Drain Construction	30 days	Wed 3/1/29	Tue 6/2/29
549	Architectural Finishing	30 days	Wed 7/2/29	Tue 13/3/29
550	M&E Works	30 days	Wed 7/2/29	Tue 13/3/29
551	Hardscape works	30 days	Wed 14/3/29	Tue 17/4/29
552	**TOP Application**	**40 days**	**Wed 4/7/29**	**Sat 18/8/29**
553	M&E RI Inspection	1 day	Wed 4/7/29	Wed 4/7/29
554	Arch RI Inspection	1 day	Mon 9/7/29	Mon 9/7/29
555	RI Defect Rectifiation	14 days	Tue 10/7/29	Wed 25/7/29
556	TFP Application	7 days	Thu 26/7/29	Thu 2/8/29
557	HHS BCA Inspection, defect rectification and obtain NOA	30 days	Thu 5/7/29	Wed 8/8/29
558	TOP Inspection	1 day	Fri 13/7/29	Fri 13/7/29
559	TOP inspection defect rectification	21 days	Mon 16/7/29	Wed 8/8/29
560	BCA issue TOP certification	1 day	Sat 18/8/29	Sat 18/8/29
561	**Defect Checking & Rectification**	**17 days**	**Mon 2/7/29**	**Fri 20/7/29**
562	Contractor checking & Cleaning Up	7 days	Mon 2/7/29	Mon 9/7/29
563	Functionality Test	7 days	Fri 13/7/29	Fri 20/7/29
564	**Handing Over**	**125 days**	**Tue 12/6/29**	**Sat 3/11/29**
565	HDB Window Water Tightness Test	1 day	Wed 18/7/29	Wed 18/7/29
566	HDB Critical Functional Test	1 day	Fri 27/7/29	Fri 27/7/29
567	RTO Inspection prior to HDB BIT inspection	15 days	Thu 28/6/29	Sat 14/7/29
568	Conquas Inspection	14 days	Tue 12/6/29	Wed 27/6/29
569	HDB PD Pre BIT	1 day	Wed 18/7/29	Wed 18/7/29
570	HDB 1st BIT Inspection and TC inspections	1 day	Mon 6/8/29	Mon 6/8/29
571	Defect Rectification	21 days	Tue 7/8/29	Thu 30/8/29
572	HDB 2nd BIT Inspection and TC inspections	1 day	Sat 8/9/29	Sat 8/9/29
573	Defect Rectification	21 days	Fri 31/8/29	Mon 24/9/29
574	Sanitary Pipe Audit	1 day	Fri 21/9/29	Fri 21/9/29
575	Consultant Lock Up Inspection	14 days	Sat 22/9/29	Mon 8/10/29
576	HDB Lock Up Inspection	1 day	Thu 25/10/29	Thu 25/10/29
577	Handing over Block733B	1 day	Sat 3/11/29	Sat 3/11/29
578				
579	**Phase 8 Block 734A (21-Aug-25 to 20-Nov-29)**	**1119 days**	**Sat 25/4/26**	**Tue 20/11/29**
580	**Structural Works**	**790 days**	**Sat 25/4/26**	**Wed 1/11/28**
581	Excavation Works	35 days	Sat 25/4/26	Thu 4/6/26
582	Pile cap construction	45 days	Sat 30/5/26	Tue 21/7/26
583	Stump construction	45 days	Sat 4/7/26	Tue 25/8/26
584	Underground M&E servicese installation	45 days	Tue 21/7/26	Thu 10/9/26
585	Backfilling and compacting	45 days	Thu 6/8/26	Sat 26/9/26
586	Soil Treatment	30 days	Wed 9/9/26	Tue 13/10/26
587	1st Storey Slab	30 days	Sat 3/10/26	Fri 6/11/26
588	Erection of tower crane	5 days	Mon 7/12/26	Fri 11/12/26
589	2nd Storey R.C.	45 days	Sat 7/11/26	Tue 29/12/26
590	3rd Storey R.C.	30 days	Wed 30/12/26	Tue 2/2/27
591	4th Storey R.C.	21 days	Wed 3/2/27	Fri 26/2/27
592	5th Storey R.C.	18 days	Sat 27/2/27	Fri 19/3/27
593	6th Storey R.C.	18 days	Sat 20/3/27	Fri 9/4/27
594	7th storey R.C.	18 days	Sat 10/4/27	Fri 30/4/27
595	8th storey R.C.	18 days	Sat 1/5/27	Fri 21/5/27
596	9th storey R.C.	18 days	Sat 22/5/27	Fri 11/6/27
597	10th storey R.C.	18 days	Sat 12/6/27	Fri 2/7/27
598	11th storey R.C.	18 days	Sat 3/7/27	Fri 23/7/27
599	12th storey R.C.	18 days	Sat 24/7/27	Fri 13/8/27
600	13th storey R.C.	18 days	Sat 14/8/27	Fri 3/9/27
601	14th storey R.C.	18 days	Sat 4/9/27	Fri 24/9/27



Project:
Ang Mo Kio N7C41A Master Program

Task	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline
Milestone	External Tasks	Inactive Milestone	Duration-only	Start-only	Progress
Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Manual Progress

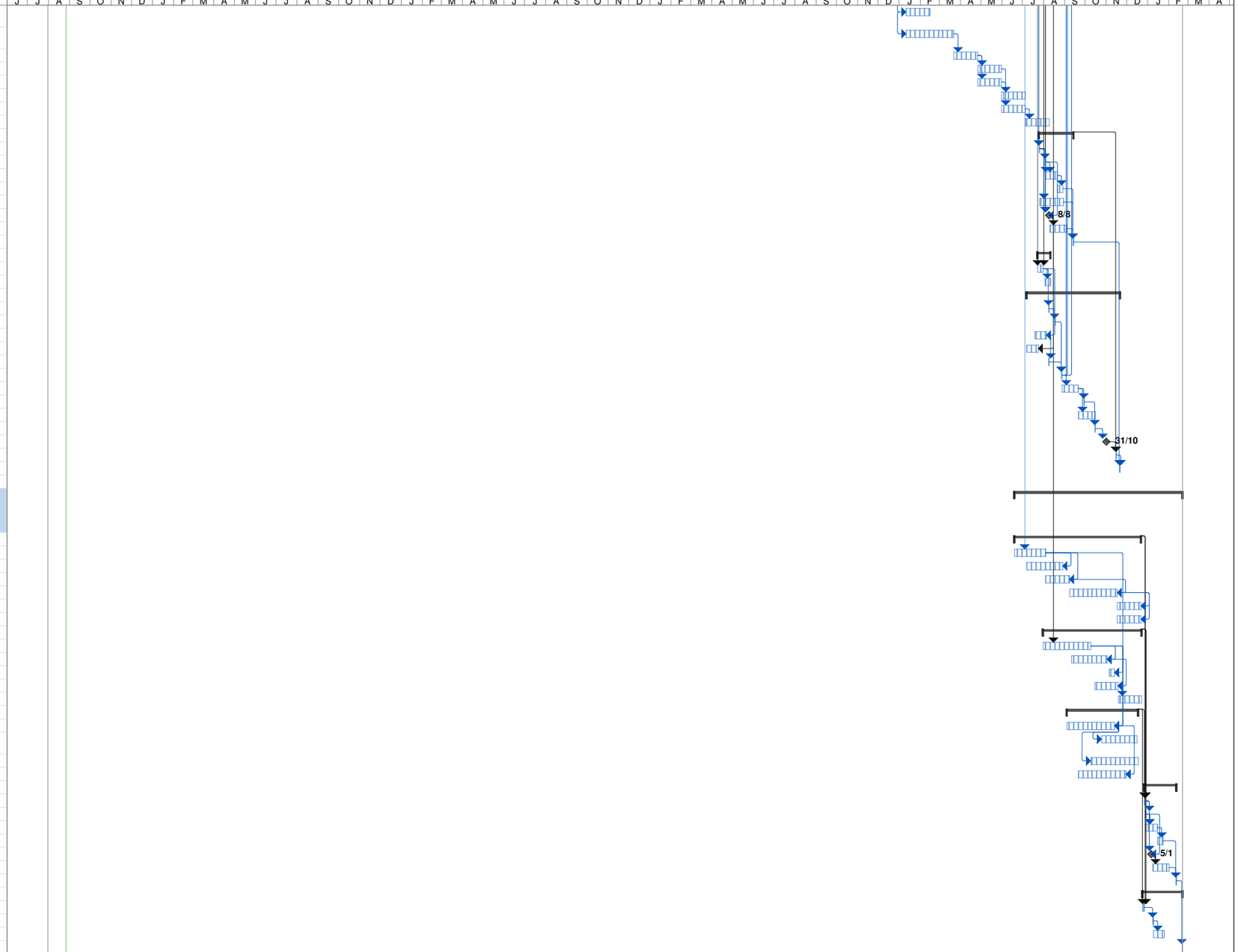
ID	Task Name	Duration	Start	Finish
602	15th storey R.C.	18 days	Sat 25/9/27	Fri 15/10/27
603	16th storey R.C.	18 days	Sat 16/10/27	Fri 5/11/27
604	17th storey R.C.	18 days	Sat 6/11/27	Fri 26/11/27
605	18th storey R.C.	18 days	Sat 27/11/27	Fri 17/12/27
606	19th storey R.C.	40 days	Sat 18/12/27	Wed 2/2/28
607	20th storey R.C.	35 days	Thu 3/2/28	Tue 14/3/28
608	21th storey R.C.	35 days	Wed 15/3/28	Mon 24/4/28
609	Roof Slab	50 days	Tue 25/4/28	Wed 21/6/28
610	Roof Facia	30 days	Mon 17/7/28	Sat 19/8/28
611	Lift shaft roof	21 days	Thu 22/6/28	Sat 15/7/28
612	Water tank beam and pump room slab	30 days	Mon 17/7/28	Sat 19/8/28
613	Precast Water Tank Installation	21 days	Fri 22/9/28	Mon 16/10/28
614	Pump room roof	30 days	Mon 21/8/28	Sat 23/9/28
615	Dismantle of Tower Crane	3 days	Mon 30/10/28	Wed 1/11/28
616	**Lift installation**	**292 days**	**Wed 2/8/28**	**Sat 7/7/29**
617	Hand over of lift Hoistway	1 day	Wed 2/8/28	Wed 2/8/28
618	Lift installation by lift contractor	60 days	Thu 3/8/28	Wed 11/10/28
619	Brick up of lift door jamb by builder	14 days	Thu 12/10/28	Fri 27/10/28
620	Testing and commissioning by temporary power supply	35 days	Sat 28/10/28	Thu 7/12/28
621	Permanent Power supply to lift	1 day	Wed 20/6/29	Wed 20/6/29
622	Lift readiness for M&E RI	1 day	Fri 29/6/29	Fri 29/6/29
623	Temporary usage of 1st lift	1 day	Fri 29/6/29	Fri 29/6/29
624	Lift HDB testing	7 days	Sat 30/6/29	Sat 7/7/29
625	**Architectural Works At Lift Lobby, Common Corridor And Staricase**	**396 days**	**Mon 3/4/28**	**Sat 7/7/29**
626	Plastering, skimming, floor screeding and railing/handrails	210 days	Mon 3/4/28	Sat 2/12/28
627	Wall tiling for lift lobby and refuse chute area	60 days	Mon 6/11/28	Sat 13/1/29
628	Floor tiling to lift lobby and refuse chute area	60 days	Mon 11/12/28	Sat 17/2/29
629	Install Refuse Hopper	60 days	Mon 19/2/29	Sat 28/4/29
630	False ceiling	60 days	Mon 30/4/29	Sat 7/7/29
631	**Architectural Works**	**656 days**	**Tue 22/6/27**	**Wed 25/7/29**
632	Ceiling Skimming	420 days	Tue 22/6/27	Mon 23/10/28
633	Brick/Dry Wall/Light Weight Panel Installation	420 days	Tue 27/7/27	Mon 27/11/28
634	Install MS Door Frames	420 days	Tue 27/7/27	Mon 27/11/28
635	Water proof to wet area	420 days	Thu 12/8/27	Wed 13/12/28
636	Install Alum window outer frame	420 days	Sat 28/8/27	Fri 29/12/28
637	Internal Wall Skimming / Plastering	420 days	Sat 2/10/27	Fri 2/2/29
638	Wall Tiling	420 days	Tue 26/10/27	Mon 26/2/29
639	Floor Tiling	420 days	Thu 11/11/27	Wed 14/3/29
640	Box up at Toilet	420 days	Sat 27/11/27	Fri 30/3/29
641	Sanitary ware installation	420 days	Tue 14/12/27	Mon 16/4/29
642	Internal Painting (1st Coat)	420 days	Tue 14/12/27	Mon 16/4/29
643	Electrical fixtures	60 days	Thu 22/2/29	Wed 2/5/29
644	Install HHS door panel	60 days	Sat 17/2/29	Fri 27/4/29
645	Internal Painting (2nd Coat)	60 days	Tue 6/3/29	Mon 14/5/29
646	Install Skirting	60 days	Thu 22/2/29	Wed 2/5/29
647	Cloths rack Installation	30 days	Wed 18/4/29	Tue 22/5/29
648	Install Window inner frame/Glazing	150 days	Sat 7/10/28	Fri 30/3/29
649	Install Metal Gate	30 days	Sat 24/2/29	Fri 30/3/29
650	Removing Protection to floor tiling	30 days	Thu 29/3/29	Wed 2/5/29
651	Install Door Panel	21 days	Fri 20/4/29	Mon 14/5/29
652	Install Ironmongery	21 days	Wed 23/5/29	Fri 15/6/29
653	Final pointing to floor tile	21 days	Tue 15/5/29	Thu 7/6/29
654	Plastering and skimming at 1st sty	60 days	Sat 25/11/28	Fri 2/2/29
655	Letter Box, Box-up, False Ceiling Installation	30 days	Sat 10/3/29	Fri 13/4/29
656	Rectification Work to External Façade	30 days	Tue 29/8/28	Mon 2/10/28
657	External Skimming	120 days	Mon 21/8/28	Sat 6/1/29
658	Removal of P/M Hoist	1 day	Mon 9/7/29	Mon 9/7/29
659	Reinstatement of external work to PM hoist area	14 days	Tue 10/7/29	Wed 25/7/29
660	External Cloth rack installation	21 days	Wed 20/12/28	Fri 12/1/29
661	External Painting	60 days	Sat 4/11/28	Fri 12/1/29
662	Roof Water Tightness Test	14 days	Fri 8/12/28	Sat 23/12/28
663	Roof Skimming Works	60 days	Thu 15/2/29	Wed 25/4/29
664	Secondary Roofing System	21 days	Thu 26/4/29	Sat 19/5/29
665	**Sanitary, Plumbing, Gas and HR & DR Works**	**447 days**	**Thu 13/4/28**	**Sat 15/9/29**
666	Unit Copper pipe and sanitary piping	210 days	Thu 13/4/28	Wed 13/12/28
667	Installation of water supply services	180 days	Sat 12/8/28	Fri 9/3/29
668	Installation of hosereel pipe and DR pipe	180 days	Sat 12/8/28	Fri 9/3/29
669	Installation of gas pipes	180 days	Sat 12/8/28	Fri 9/3/29
670	Installation of waste, soil , & vent pipes	270 days	Sat 29/4/28	Fri 9/3/29
671	Installation of HR tanks and pump set, bulk meter chamber	60 days	Sat 3/3/29	Fri 11/5/29
672	Bulk Meter Water Turn On	1 day	Mon 21/5/29	Mon 21/5/29
673	Testing and commissioning	14 days	Tue 29/5/29	Wed 13/6/29
674	Gas final pressure test	1 day	Wed 29/8/29	Wed 29/8/29
675	Gas charge in	1 day	Sat 15/9/29	Sat 15/9/29
676	Sanitary PUB inspection clearance	45 days	Tue 17/4/29	Thu 7/6/29
677	Installation of Unit Sub-meter	1 day	Wed 5/9/29	Wed 5/9/29
678	**Electrical Works**	**455 days**	**Thu 13/4/28**	**Tue 25/9/29**
679	Unit conduit and wiring	210 days	Thu 13/4/28	Wed 13/12/28
680	Exposed conduit, trunking, wiring and cabling works	180 days	Sat 16/9/28	Fri 13/4/29
681	Lightning, power point and LPS installation	90 days	Wed 24/1/29	Tue 8/5/29
682	CSR electrical works including testing	60 days	Fri 16/3/29	Thu 24/5/29
683	CSR Power Turn On	1 day	Mon 11/6/29	Mon 11/6/29
684	Testing and commissioning	45 days	Fri 25/5/29	Mon 16/7/29
685	Submission of M&E OMM, as built drawing, HDB TM M&E Testing for MSB, HFAD, Pumps, LPS, CATV etc	30 days	Tue 17/7/29	Mon 20/8/29
686	SP Powergrid Pre Turn on	1 day	Tue 25/9/29	Tue 25/9/29
687	**Drop off point, covered Linkway, pathways,driveway and hardscape works**	**195 days**	**Mon 25/12/28**	**Wed 8/8/29**
688	Excavation	30 days	Mon 25/12/28	Sat 27/1/29



Project:
Ang Mo Kio N7C41A Master Program

Task	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline
Milestone	External Tasks	Inactive Milestone	Duration-only	Start-only	Progress
Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Manual Progress

ID	Task Name	Duration	Start	Finish
689	Driveway base, Footing & Ground Beam for linkway/pathway/drop off point	30 days	Thu 11/1/29	Wed 14/2/29
690	Construction of driveway works, RC works for linkway, pathways, drop off point	60 days	Thu 11/1/29	Wed 21/3/29
691	Steel Structure Work	30 days	Thu 22/3/29	Wed 25/4/29
692	Roofing works	30 days	Thu 26/4/29	Wed 30/5/29
693	House Drain Construction	30 days	Thu 26/4/29	Wed 30/5/29
694	Architectural Finishing	30 days	Thu 31/5/29	Wed 4/7/29
695	M&E Works	30 days	Thu 31/5/29	Wed 4/7/29
696	Hardscape works	30 days	Thu 5/7/29	Wed 8/8/29
697	**TOP Application**	**44 days**	**Wed 25/7/29**	**Thu 13/9/29**
698	M&E RI Inspection	1 day	Wed 25/7/29	Wed 25/7/29
699	Arch RI Inspection	1 day	Fri 3/8/29	Fri 3/8/29
700	RI Defect Rectifiation	14 days	Sat 4/8/29	Mon 20/8/29
701	TFP Application	7 days	Tue 21/8/29	Tue 28/8/29
702	HHS BCA Inspection, defect rectification and obtain NOA	30 days	Thu 26/7/29	Wed 29/8/29
703	TOP Inspection	1 day	Wed 8/8/29	Wed 8/8/29
704	TOP inspection defect rectification	21 days	Fri 10/8/29	Mon 3/9/29
705	BCA issue TOP certification	1 day	Thu 13/9/29	Thu 13/9/29
706	**Defect Checking & Rectification**	**17 days**	**Mon 23/7/29**	**Fri 10/8/29**
707	Contractor checking & Cleaning Up	7 days	Mon 23/7/29	Mon 30/7/29
708	Functionality Test	7 days	Fri 3/8/29	Fri 10/8/29
709	**Handing Over**	**117 days**	**Sat 7/7/29**	**Tue 20/11/29**
710	HDB Window Water Tightness Test	1 day	Wed 8/8/29	Wed 8/8/29
711	HDB Critical Functional Test	1 day	Fri 17/8/29	Fri 17/8/29
712	RTO Inspection prior to HDB BIT inspection	15 days	Thu 19/7/29	Sat 4/8/29
713	Conquas Inspection	14 days	Sat 7/7/29	Mon 23/7/29
714	HDB PD Pre BIT	1 day	Wed 8/8/29	Wed 8/8/29
715	HDB 1st BIT Inspection and TC inspections	1 day	Mon 27/8/29	Mon 27/8/29
716	Defect Rectification	21 days	Tue 28/8/29	Thu 20/9/29
717	HDB 2nd BIT Inspection and TC inspections	1 day	Sat 29/9/29	Sat 29/9/29
718	Defect Rectification	21 days	Fri 21/9/29	Mon 15/10/29
719	Sanitary Pipe Audit	1 day	Mon 15/10/29	Mon 15/10/29
720	Consultant Lock Up Inspection	14 days	Tue 16/10/29	Wed 31/10/29
721	HDB Lock Up Inspection	1 day	Thu 15/11/29	Thu 15/11/29
722	Handing over Block734A	1 day	Tue 20/11/29	Tue 20/11/29
723				
724	**Block 733 Precinct Pavilion (PP), Block 733 Adult Fitness Station (AFS) and Roof Garden, Block 734 MSCP Roof Garden, Detention Tank(s)/ Drain(s), Fire Engine Access, Driveway, Drop Off Porches (DOPs), Linkways, etc (21-Aug-25 to 20-Feb-30)**	**212 days**	**Tue 19/6/29**	**Wed 20/2/30**
725	**MSCP Roof Garden works**	**160 days**	**Tue 19/6/29**	**Fri 21/12/29**
726	Waterproofing for planter box	40 days	Tue 19/6/29	Fri 3/8/29
727	Metal Works	45 days	Sat 7/7/29	Tue 28/8/29
728	Soil filling work	30 days	Sat 4/8/29	Fri 7/9/29
729	Architectural Finishing	60 days	Sat 8/9/29	Fri 16/11/29
730	M&E Works	30 days	Sat 17/11/29	Fri 21/12/29
731	Landscaping Works	30 days	Sat 17/11/29	Fri 21/12/29
732	**Precinct Pavilion works**	**125 days**	**Tue 31/7/29**	**Sat 22/12/29**
733	RC structrual works	60 days	Tue 31/7/29	Mon 8/10/29
734	Architectural finishing	45 days	Tue 11/9/29	Thu 1/11/29
735	Roof Waterproofing	7 days	Mon 5/11/29	Mon 12/11/29
736	M&E Works	30 days	Mon 15/10/29	Sat 17/11/29
737	Landscaping Works	30 days	Mon 19/11/29	Sat 22/12/29
738	**External Landscaping Works**	**90 days**	**Tue 4/9/29**	**Mon 17/12/29**
739	Earth Formation	60 days	Tue 4/9/29	Mon 12/11/29
740	Playground, aduit fitness station, elderly fitness station, shelters, trellies installation works	45 days	Thu 25/10/29	Sat 15/12/29
741	ABC water installation works	60 days	Tue 9/10/29	Mon 17/12/29
742	Turfing and Tree Planting	60 days	Fri 21/9/29	Thu 29/11/29
743	**TOP Application**	**40 days**	**Thu 27/12/29**	**Mon 11/2/30**
744	M&E RI Inspection	1 day	Thu 27/12/29	Thu 27/12/29
745	Arch RI Inspection	1 day	Fri 28/12/29	Fri 28/12/29
746	RI Defect Rectifiation	14 days	Sat 29/12/29	Mon 14/1/30
747	TFP Application	7 days	Tue 15/1/30	Tue 22/1/30
748	TOP Inspection	1 day	Sat 5/1/30	Sat 5/1/30
749	TOP inspection defect rectification	21 days	Tue 8/1/30	Thu 31/1/30
750	BCA issue TOP certification	1 day	Mon 11/2/30	Mon 11/2/30
751	**Handing Over**	**51 days**	**Mon 24/12/29**	**Wed 20/2/30**
752	RTO Inspection prior to HDB BIT inspection	3 days	Mon 24/12/29	Wed 26/12/29
753	HDB 1st BIT Inspection	1 day	Tue 8/1/30	Tue 8/1/30
754	Defect Rectification	14 days	Wed 9/1/30	Thu 24/1/30
755	Handing over External Works including all covered linkways, pathways, all community plaza area, conserved tree projection hoardings, landscape and ABC water features	1 day	Wed 20/2/30	Wed 20/2/30



Project:
Ang Mo Kio N7C41A Master Program

Task | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Progress | Manual Progress

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	Jan 25	29 Aug 24	1 Sep 24	4 Sep 24					12 Sep 24
Power Supply Substation	SP PowerGrid Ltd	Jan 24	21 Feb 25	18 Mar 25	18 Mar 25	28 Mar 25	27 May 25	5 Jun 25	9 Jun 25	9 June 25
Metering Layout	SP Services Ltd	8 May 25	23 Jul 25	14 Aug 25	19 Dec 25	26 Mar 25				
Sanitary Installation	PUB Water Reclamation (Network) Dept	31 Jul 26								
Overall Plumbing Installation	PUB (Water Supply) Network Dept	Feb 24	14 Jun 24							27 Jun 24
Domestic Water Supply		7 Apr 26	7 Apr 26							
Overall Gas Supply Installation	City Gas Pte Ltd	Mar 24	14 Jun 24							27 Jun 24
Gas Supply Installation		30 Jun 26								
Fire Fighting & Alarm Installation	FSSD	30 Nov 26								
Car Park Mechanical Ventilation Installation	FSSD	–								
Telephone Installation	TFCC	Feb 24	24 Feb 25							25 Feb 25
Broadband Co-axial Cable System (BCS) – NA (Discontinued)	Starhub Cable Vision	–	–	–	–	–	–	–	–	–

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									
Power Supply Substation	SP PowerGrid Ltd									
Metering Layout	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply	PUB (Water Supply) Network Dept									
Gas Supply Installation	City Gas Pte Ltd									
Air Conditioning & Ventilation Inst.	FSSD									
Fire Fighting & Alarm Installation	FSSD									
Telephone Installation	TFCC		24 Feb 25							25 Feb 25
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:	

(✓*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
Incoming Architectural Sketches/Details	
Incoming Structural Drawings	
M&E Drawings - Electrical Installation - Lift & Escalator Installation - Air Conditioning & Ventilation Installation - Fire Fighting & Alarm Installation - Plumbing & Sanitary Installation - Swimming Pool & Filtration Installation	
Other Drawings	

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	Pre-Management Review Briefing	✓
	Conceptual Briefing	✓
	Email and telephone	✓
Interface With External Design Teams	Design co-ordination meetings	✓
	Email and telephone	✓
Interface Between Internal Design Teams	Design Information saved in project folder	✓
	Internal Project Team Meeting	✓
	Email	✓

(✓*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	I	–	–	
b.	Project Administration						
c.	Project Cost Estimate/Contract Cost	A	I	I	–	I	
2.	**Drawings**						
a.	Outline Design Drgs.	A	I	C	I	I	
b.	Sketch Design Drgs.	A	I	C	I	I	
c.	Final Design Drgs.	A	I	C	I	I	
d.	Shop Drawings	I	I	A	–	–	
e.	As Built Drgs.	I	I	I	–	–	
3.	**Other Document**						
a.	Specification	A	I	I	I	I	
b.	Tender Document	A	I	I	I	I	
c.	Tender Evaluation Report	A	I	I	I	I	
d.	Design Report	A	I	I	–	–	
e.	Progress Report	–	–	–	–	–	
f.	Financial Report	–	–	–	–	–	
g.	Minutes of Meeting	A	I	I	–	–	
h.	Inspection Report	I	I	I	–	–	
i.	Testing & Comm. Report	I	I	I	–	–	
j.	O & M Manual	I	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

ITEM	KEPT BY
HDB Guide Drawings & Specification	Softcopy saved in the server
HDB Design Brief Requirement	Softcopy saved in the server

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	SS 638
Lightning Protection System	SS 555
Earthing	SS 551
Standby Generator System	SS 535
Emergency Voice Communication System	–
Air Conditioning & Ventilation Installation	–
Lift Installation	SS 550
Sprinkler System	SS CP 52
Dry/Wet Riser System	SS 575
Automatic Fire Alarm System	SS 645
Sanitary System	Code of Practice on Sewerage & Sanitary Works
Plumbing System	SS 636
Town Gas/LPG Supply System	SS 608
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

The Vertical Transportation Handbook Third edition

8.4 List of Pre-Consultation and Waiver – NOT APPLICABLE

S/N	Description	Date of Application	Date of Approval	Remarks
1	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
2	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
3	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			

*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	Freeware	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	Gold Plus
Green Design Features	Refer to attached list

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	

List of Green Features

- CFD ventilation simulation modelling
- LED light at common areas
- LED light with motion sensor control at staircases
- Regenerative lifts
- Fuel cell system for lifts
- Dual bicycle rack system
- 15% EV lots
- Utilize Pneumatic Waste Collection System (PWCS)
- Smart private meters to monitor water & electricity usage in common areas
- 2 ticks shower mixer tap, basin mixer tap & bib tap
- Eco-pedestals to all Bath/WC of flats
- ABC water features

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

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	–
M&E Cost Estimate Report	A
Pre-Qualification of Tenderers	–
Tender Documents	–
Tender Report	–
Payment Valuation for QS	A
Certificates of Supervision for TOP/CSC	RE

* *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