Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

PROPOSED 12 STOREY HEALTH AND MEDICAL CARE DEVELOPMENT WITH ADMINISTRATION OFFICE AND 4 BASEMENT WITH MECHANICAL PLANT ROOM AND CARPARK AT SINGAPORE GENERAL HOSPITAL

For

GOVERNMENT OF THE REPUBLIC OF SINGAPORE C/O THE MINISTRY OF HEALTH (MOH)

Copy No.	1

Prepared By: Koh Yong Huat

Authorised By: Choong Choon Guan

Date: 8 January 2024

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 – Refer to attached
3.4	Other Consultants - Local – Refer to attached - Overseas – NOT APPLICABLE
3.5	Contractor/Sub-Contractors
3.6	Authorities
4	**PROGRAMME**
4.1	Overall Programme
4.2	Authority Submission Status for M&E Services – 1st Submission
4.3	Authority Submission Status for M&E Services (Amendment) – 2nd Submission
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
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
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
9.3	Site Emergency Preparedness
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	6219-PQP	8 January 2024

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	28 January 2016	1 to 11	29	+ 3 pages (Section 3.3 – Client/Client's Representative) + 14 pages (Section 3.4 – Other Consultants – Local)
1	21 May 2019	1 to 11	29	+ 3 pages (Section 3.3 – Client/Client's Representative) + 14 pages (Section 3.4 – Other Consultants – Local)
2	27 January 2021	1 to 11	32	+ 3 pages (Section 3.3 – Client/Client's Representative) + 16 pages (Section 3.4 – Other Consultants – Local) + 27 pages (Section 4.1 – Overall Programme)
3	8 January 2024	1 to 11	32	+ 3 pages (Section 3.3 – Client/Client's Representative) + 16 pages (Section 3.4 – Other Consultants – Local) + 47 pages (Section 4.1 – Overall Programme)

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Mixed-Use Development on Plot H9A at Outram Medical Campus

Statistics of Development	
Site Area, m²	8,500m²
Nett Floor Area, m²	–
Gross Floor Area, m² i) Admin Office	16,835m²
ii) Accident & Emergency Hospital Decontamination Station Mortuary, Campus Utilities Plant etc	42,323m²
Covered Carpark, m²	13,670m²
No. of Covered Carpark Lots	200
No. of Apartments/Houses	–
No. of Beds (for Hospitals)	243
No. of Guestroom (for Hotels)	–
No. of Blocks / No. of Storeys	1 block of 12 storey
Green Mark Category	Platinum
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)										
Services	EI*	ACVI*	LEI*	FFAI	PSI	SPFI	MGI*			
Estimate	39.555	75.159	7.182	5.39	6.715	NA	3.0			
Awarded	48.4	64.88	5.99	5.16	8.854		3.762			

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate	–	–	350
Awarded	–	–	315.6

Site Clearance shall include earth work, soil improvement, service diversion and termination.
* Information from SJC. The estimated costs for EI & ACVI inclusive of CUP migration costs.

2.3 Scope of Works

2.3.1 Scope of Sub-Consultancy Services

Conceptual/Schematic Design	✓
Detailed Design	✓
Tender Documentation	✓
Tender Evaluation	✓
Contract Supervision	✓
M&E Costing	✓
Submissions to Authority (for Plumbing & Sanitary Installation and Fire Fighting & Alarm Installation only)	✓

(✓*where applicable*)

2.3.2 Scope of M&E Services

ELECTRICAL (Admin Office only)	✓	AIR CONDITIONING (Admin Office only)	✓	SPRINKLER	✓	SANITARY	✓	SWIMMING POOL	
LIFT		MECHANICAL VENTILATION (Admin Office only)	✓	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

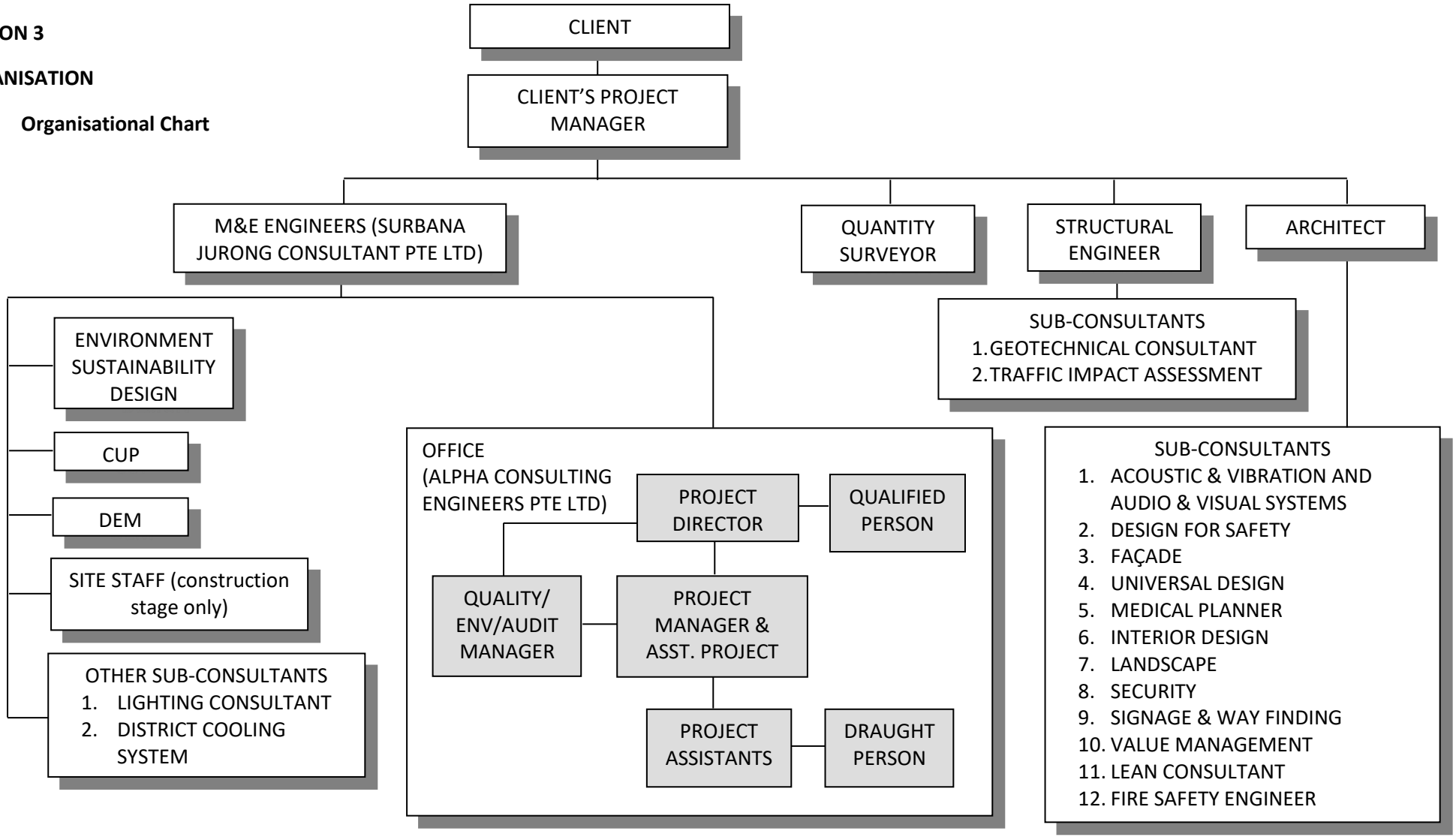
EJECTOR & DIVERTER	✓	SUMP PUMP	✓	FUEL OIL TANK		LIFT & ESCALATOR		PRESSURE VESSEL		HOISTS		FOAM	

(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		Choong Choon Guan (CCG)
Assistant Project Director		Loh Fook Yuen (LFY)
Qualified Person	Mechanical	Choong Choon Guan (CCG)
	Electrical	–
Project Manager		Koh Yong Huat (KYH)
Assistant Project Manager		Lim Chai Hoon (LCY)
Project Assistant (Mech)		Low Qi Fan (LQF)
Project Assistant (Elect)		–
Draughtsperson		Common Pool
Resident Engineer (M&E)		–
Assistant Resident Engineer (M&E)		–
Clerk-of-Work (M&E)		–

3.3 Client/Client's Representatives (refer to attached)

Client: The Government of the Republic of Singapore c/o The Ministry of Health

Address: College of Medicine Building
16 College Road
Singapore 169854

Client: Surbana Jurong Consultant Pte Ltd
168 Jalan Bukit Merah

Address: 168 Jalan Bukit Merah
#01-01 Surbana One
Singapore 150168

Tel:-

Fax:-

Client's Representatives:-

Name of Company	Contact Person	Contact
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:

Client Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

Updated on: 14 December 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
MOH Holdings Pte Ltd 1 Maritime Square (Lobby C) #11-25 HarbourFront Centre Singapore 099253		Mr Raymond Wan	Director, Healthcare Infrastructure Projects Division (HIPD)	6679 3039	9686 2098	6720 6380	raymond.wan@mohh.com.sg
		Mr Seah Peng Siong	Deputy Director (HIPD)	6679 3135	9017 1008	6720 6380	pengsiong.seah@mohh.com.sg
		Mr Phua Peigen	Assistant Director (HIPD)	6818 1258	97482890	6720 6380	peigen.phua@mohh.com.sg
		Mr Pandian S/O Rethinam	Senior Assistant Director (HIPD, PTS)	6818 1200	9186 9604	6720 6380	pandian.rethinam@mohh.com.sg
		Mr David Leow Su Hock	Senior Manager (HIPD, PTS)	6818 5880	9692 0854	6720 6380	david.leow@mohh.com.sg
		Mr Ng Jing Xian	Senior Manager (HIPD, PTS)	6818 1217	8333 1380	6720 6380	jingxian.ng@mohh.com.sg
		Ms Cherie Wong	Manager (HIPD)	6818 5815	9648 8395	6720 6380	cherie.wong@mohh.com.sg

Client Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

Updated on: 14 December 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Ms Claudia, Seah Yin Zhen	Executive (HIPD)	6818 3066	9624 6856	6720 6380	claudia.seah@mohh.com.sg
							Updated on: 11 November 2020
SGH Comm Sec Outram Rd, Singapore 169608 Project Email: plot.h9a@sgh.com.sg		Mr Kevin Low	COO (Facilities & Infrastructure Devt)	6576 2757	9489 9046		kevin.low.wen@singhealth.com.sg
		Mr Tony Oon	Assistant Director	6576 2755	9060 0163		tony.oon.m.s@singhealth.com.sg
		Mr Edwin Goh	Manager	6576 2784	9674 9857		edwin.goh.c.h@singhealth.com.sg
		Ms Lau Ming Yan	Assistant Manager	6321 3581	9880 4678		lau.ming.yan@singhealth.com.sg
		Mr Terence Poh	Senior Project Executive	6326 5812	9435 4998		terence.poh.l.h@singhealth.com.sg
		Ms Wendy Yue	Senior Executive	6321 4522	9298 6123		wendy.yue@singhealth.com.sg

Client Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

Updated on: 14 December 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Ms Koh Wei Yi	Healthcare Management Executive	6321 3466	9021 1101		koh.wei.yi@singhealth.com.sg
		Ms Kam Wai Kuen	Assistant Director, Workplace Safety & Health	NA	9488 5017		kam.wai.kuen@sgh.com.sg
		Mr Lee Yoke Khau	Senior Manager	6326 5058	9173 5800		lee.yoke.khau@singhealth.com.sg
		Ms Chang Yoke Bee	Senior Executive, WSH	NA	9009 4810		chang.yoke.bee@sgh.com.sg

3.4 Other Consultants (Local) (refer to attached)

Function / Name of Company	Contact Person	Contact
Architect	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:
_____	Name: Position:	Tel: Fax: Handphone: Email:

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
PROJECT MANAGER **Project Innovations Pte Ltd** 510Thomson Road #17-04 SLF Building S 296135 Tel No. 6255 3966		Lee Chek Shih	Deputy Project Director - Key Personnel (Interim)	6255 3966 ext. 6183	98193484	6258 8648	lee.chek.shih@proj-innovations.com
Project Email: pj.h9a.p2985@proj-innovations.com		Chen Youlan Ivy	Senior Project Manager/Lead Personnel	6255 3966 ext. 8910	87782137	6258 8648	chen.youlan@proj-innovations.com
		Shruti Panjwani	Senior Associate	6255 3966	9423 3372	6258 8648	shruti.panjwani@proj-innovations.com
		Christopher Hsieh	Project Manager	Site Office	97706352	6259 8648	hsieh.christopher@proj-innovations.com
		Rohini Vasan	Project Manager	Site Office	9385 2341	6259 8648	vasan.rohini@proj-innovations.com
		Tan Yong Jian	Project Manager	Site Office	9119 5305	6259 8648	tan.yong.jian@proj-innovations.com
		Mr Daniels Chandra	Director/Bim Coordinator	6255 3266 ext. 8870	81110163	6261 8648	chandra.daniels@group.ong-ong.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

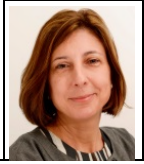
14 December, 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
ARCHITECT **RDC Architects Pte Ltd** 152, Beach Road, #01-01, Gateway East Singapore 189721 T: 6278 8878 F: 6278 7727 Project Email: 201503_sgh_h9a@rdca.com.sg		Rita Soh Siow Lan	Director /Key Personnel	+65 6578 7902	9832 8696	6278 7727	201503_sgh_h9a@rdca.com.sg
		Loh Ju-hon	Director /Lead Personnel	+65 6578 7903	9382 9888	6278 7727	201503_sgh_h9a@rdca.com.sg
		Liew Chon Jack	Senior Architect/ Alternate Lead Personnel	65787923	96821930	62787727	201503_sg_h9a@rdca.com.sg
		Wu Shan Yat	Architect	65787926	84828531	62787727	201503_sgh_h9a@rdca.com.sg
		Kenneth Teo	Archietctural Associate	65787954	-	6278 7727	201503_sgh_h9a@rdca.com.sg
		Christine Chow	Architectural Associate	65 6578 7949	-	6278 7727	201503_sgh_h9a@rdca.com.sg
		Nicole Tay Xiao Jie	Arhitectural Associate	65 6578 7943	92326685	62787727	201503_sgh_h9a@rdca.com.sg

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

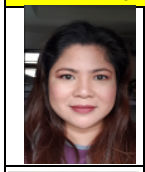
14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Chung Chee Lun	Associate Director (Technical)	+65 6578 7931	9091 5665	6278 7727	201503_sgh_h9a@rdca.com.sg
		Christian Albert M Silva	Technical Manager (BIM)	6565787944	-	6278 7727	201503_sgh_h9a@rdca.com.sg
		Muhd Sufian bin Mohd Sumari	BIM Coordinator	65 6578 7946	-	6278 7727	201503_sgh_h9a@rdca.com.sg
	Master Plan Intergartion **CIAP Architects Pte Ltd**						
		Mr Tham Tuck Cheong	Key Personnel	65 6336 3900	-	6339 6258	1446sgh_h9a@ciap.sg
		Ms Sophie Zheng XuHui	Lead Personnel	65 6336 3900	9113 9568	6339 6258	1446sgh_h9a@ciap.sg
	Hospital Planner **B+H Architects (S) Pte Ltd**						
		Karen Cvornyek	Principal -in-Charge	6226 1353	8112 5660	6224 9418	BH-SGH-H9A@bharchitects.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

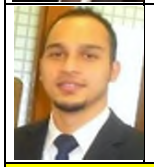
14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
	 Bruce Knapp	Lead Personnel, Medical Planning	6226 1353	+1 (416) 573-7458	6224 9418	BH-SGH-H9A@bharchitects.com
	 JJ Jang	Lead Coordinator	6911 8675	9295 3824		BH-SGH-H9A@bharchitects.com
	Interior Design Including Workplace Strategy B+H Architects (S) Pte Ltd					
	 Majesty Castro	Lead Coordinator	6911 8669	9733 6375	6224 3418	BH-SGH-H9A@bharchitects.com
	 Eline Vermeulen	ID Coordinator	6226 1353	8778 7205	6224 3418	BH-SGH-H9A@bharchitects.com
	 Sherna Sulianto	ID Coordinator / Construction Admin	6911 8668	9698 9068	6224 3418	BH-SGH-H9A@bharchitects.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
	Medical Equipment Consultant **B+H Architects (S) Pte Ltd**					
	 Jennifer Fung	Senior Principal Medical Technology	603 4253 3200 Ext. 122	601 2203 2147	603 4253 3199	jennifer@mediconsult.com.my
	 Dhritiman Das	Senior Consultant Biomedical Engineer	603 4253 3200 Ext. 117	601 6992 9324	603 4253 3199	dhritiman.das@mediconsult.com.my
	Signage & Wayfinding Consultant **UDS Design**					
	 Keith Lee	Director, Design Project	65512080	98272882	67413925	keith@udsdesign.com
	 Chua Hui Hui	Design Project Manager	65512082	91091885	67413925	huihui@udsdesign.com
	 Bong Thun Yun	Senior Designer	65512075	84486757	67413925	project@udsdesign.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
	Landscape Consultant Including ABC Waters Consultant Ortus Design Pte Ltd						
		Ten Swee Kien	Principal Landscape Architect	6255 3370	8338 3370	-	ten@ortusdesign.com.sg
		Kelvin Poo Kei Loon	Principal	6255 3370	9100 0476		kp@ortusdesign.com.sg
		Chia Jui Siang	Principal	6255 3370	9857 0144		cjs@ortusdesign.com.sg

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
	Acoustic & Vibration Including Audio & Visual systems ARUP Singapore Pte Ltd						
		Xu JingFeng	Project Director & Lead Designer (Acoustic & Vibration)	6411 2500	9234 4386	6411 2501	jingfeng.xu@arup.com
		Mr Yao Keji	Project Manager (Acoustic & Vibration)	6411 2500	6411 2365	6411 2501	Keji.yao@arup.com
		Michael van der Linden	Project Manager & LeadDesigner (AV & System)	6411 2500	6411 2318	6411 2501	Michael.Linden@arup.com
		Lee Kok Wey	Acoustic Engineer (Acoustic & Vibration)	6411 2500	6411 2614	6411 2501	kok-wey.lee@arup.com
		Tan Weixiang	Audio Visual Engineer (AV & System)	6411 2500	64112870	6411 2501	Weixiang.Tan@arup.com
	Façade Consultant ARUP Singapore Pte Ltd						
		Michael Chin	Project Director	65 6411 2500	9731 0676	65 6411 2501	michael.chin@arup.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

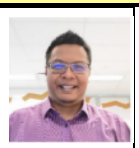
14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Vance Sim	Project Manager	65 6411 2500	9386 5245	65 6411 2501	vance.sim@arup.com
		Jasmine Yew	Senior Façade Designer	6411 2500	6411 2561	6411 2501	Jasmine.Yew@arup.com
	Security Consultant ARUP Singapore Pte Ltd						
		Peter Hoad	Project Director	65 6411 2523	8124 1834	6411 2501	peter.hoad@arup.com
		Ryan Tham	Project Manager	65 6411 2523	9183 8501	6411 2501	ryan.tham@arup.com
		Yue Shing Fung	Security Consultant	6411 2500	9657 4574	6411 2501	Shing-Fung.Yue@arup.com
		Steven Surya	Security Consultant	64112756	86129489	64112501	steven.surya@arup.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Hairom Jumaaat	Securit yConsultant	6411 2379	90776261	6411 2501	Hairom.Jumaat@arup.com
	Design for Safety Consultant **PH Consulting Pte Ltd**						
		Lim Peng Hong	Lead Design for Safety Professional	6353 3392	9111 9100	6354 3639	penghong@phconsult.com.sg
		Soon Chern Yee	Design for Safety Professional	6353 3392	9642 4200	6354 3639	chernyee@phconsult.com.sg
		Sumay Tan	Design for Safety Executive	6353 3392	9770 8052	6354 3639	sumay@phconsult.com.sg
		Tan Yik Jia	Design for Safety Executive	6353 3392	8503 7058	6354 3639	yikjia@phconsult.com.sg

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
C&S ENGINEER **Meinhardt Singapore Pte Ltd** 168 Jalan Bukit Merah Surbana One #09-01,Singapore 150168 Tel: 6273 5255		Er. Kam Mun Wai	Senior Executive Director/ Key Personnel	6377 9238	9783 8277	6274 0788	munwai.kam@meinhardtgroup.com
Project Email: mscs158050@meinhardtgroup.com		Er. Clement Chen	Director/Alt Lead Personnel	6377 9291	9101 3839	6274 0788	clement.chen@meinhardtgroup.com
		Tong Woon Ing	Associate Director/Lead Personnel	6377 9266	9799 5906	6274 0788	wooning.tong@meinhardtgroup.com
		Thet Htar New	Structural Engineer	6377 9468	9014 4042	6274 0788	Thet.HtarNew@meinhardtgroup.com
		TRAFFIC CONSULTANT **Vertix Asia-Pacific Pte Ltd**					
		Mr Nicholas Thomas Fellows	Project Director	6536 8714	9680 4107	6536 8175	nick.fellows@vertixap.com
		Ms Rayvathi Krishnasamy	Project Manager	6536 8714	9856 0851	6536 8175	ray.k@vertixap.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Mr Richard Sprosen	Principal Transportation Consultant	6536 8714	-	6536 8715	richard.sprosen@vertixap.com
		GEOTECHNICAL					
		Er Ling Chong Yuen	Director	6377 9278	9125 3013	6274 0788	chongyuen.ling@meinhardtgroup.com
		Vincent Voon Boo Chuan	Geotechnical Engineer	6377 9546	86921662	6274 0788	vincent.voon@meinhardtgroup.com
M&E ENGINEER **Surbana Jurong Consultant Pte Ltd** 168 Jalan Bukit Merah , Surbana One Singapore 150168 Tel: 6248 1288		Er. Johnny Lim Chin Huat	Key Personnel / QP(Mechanical) / GMP	6248 1166	9822 7133	6248 1291	johnny.limch@surbanajurong.com
Project Email: N1514_H9A@surbanajurong.com		Er. Thomas Cheang Mun Keong	Alt Key Personnel / QP(Electrical)	6248 1208	9798 2470	6248 1291	thomas.cheangmk@surbanajurong.com
		Mr Yeoh Soon Guan	Lead Personnel / GMM (ESD)	6248 1095	96246541	6248 1291	soonguan.yeoh@surbanajurong.com
		Er. Lek Siang Hwa	Technical Advisor (Mechanical)	6248 1097	9369 8292	6248 1291	sianghwa.lek@surbanajurong.com

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Er. Neo Tee Boon Alfred	Technical Advisor (Electrical)	6839 8288	9777 3137	6248 1291	alfred.neotb@surbanajurong.com
		Ms. Htike Htike Win	Mechanical Engineer	62481308	91731929	6248 1291	wyn.winhh@surbanajurong.com
		Mr. Ng Cher Heong	Principal Engineer	6839 8245	9743 4395	6248 1291	cherheong.ng@surbanajurong.com
		Mr. Cheng Shau Chuan	Engineer	6839 7110	9752 1930	6248 1291	shauchuan.cheng@surbanajurong.com
		Mr Rajesh Balachander	Lead ESD Personnel (Sustainability)	62486156	83329885	-	rajesh.balachander@surbanajurong.com
		Christopher ANGKODJOJO	Senior Engineer / Electrical Engineer	62481565	92257183	6249 1291	angkodjojo.christopher@surbanajurong.com
		Mr. Ang Wee Loong	Alt Lead Personnel		94358067	62769299	AWL@alpha.com.sg

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Ms. Lim Chai Hoon	Electrical Engineer (OFFICE)	6376 8938	97234225	62769929	LCY@alpha.com.sg
		Mr. Kaoru Mende	Lead Personnel (Lighting Consultant)	6734 3086	n/a	6734 2786	-
		Ms. Phraporn Kasemtavornsilpa	Project Engineer (Lighting Consultant)	6734 3086	98351907	6734 2786	phraporn@lighting.co.jp
		Mr. Tomoaki TAKASE	Project Manager	n/a	n/a	6248 1291	-
		Mr. Yuta KOTAJIMA	Mechanical Engineer	n/a	n/a	6248 1291	-

Consultant Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
QUANTITY SURVEYOR **Arcadis Singapore Pte Ltd** 1 Magazine Rd, #05-01 Central Mall, Singapore 059567 Tel: 6222 3888		Ms Josephine Lee	Executive Director/ Key Personnel	6239 8386	9116 2377	6224 7089	josephine.lee@arcadis.com
Project Email: SGQS6643@arcadis.com		Ms Fion Lim	Director/ Lead Personnel	6239 8241	9876 0942	6224 7089	fion.lim@arcadis.com
		Ms Looi Kit Ying	Executive Quantity Surveyor	6239 8246	9272 2320	6224 7089	looi.kitying@arcadis.com
		Marielle Joie D. Isleta	Quantity Surveyor	6239 8513	-	6224 7089	MarielleJoie.Isleta@arcadis.com

RSS Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS	CONTACT PERSON		DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
RESIDENT SITE STAFF - ARCHITECTURE RDC Architects Pte Ltd. 152 Beach Road, #01-01 Gateway East Singapore 189721 Project email : site.h9aemb@rdca.com.sg		Sevanandran VT	Resident Architect	Site Office	93385814		siteh9aemb@rdca.com.sg
		Albert Kaw He Kin	Resident Technical Officer (Arch)	Site Office	86617582		siteh9aemb@rdca.com.sg
		Edwin Aquino	Resident Technical Officer (Arch)	Site Office	86617623		siteh9aemb@rdca.com.sg
RESIDENT SITE STAFF (C&S) Meinhardt(S) Pte Ltd. 168 Jalan Bukit Merah, #09-01 Surbana One Singapore 150168 Project email : mscs158050site@meinhardtgroup.com		Chin Yih Jian	Senior Resident Engineer	Site Office	97615270 / 98558215		yihjian.chin@meinhardtgroup.com
		Tan Cheng Mong	Resident Engineer	Site Office	86617583		ChengMong.Tan@meinhardtgroup.com
		Sng Teng Kwee	Resident Technical Officer (C&S)	Site Office	90082818		TengKwee.Sng@meinhardtgroup.com
		Dennis Teo Yong Seng	Resident Technical Officer (C&S)	Site Office	90662708		YongSeng.Teo@meinhardtgroup.com

RSS Project Directory

PROPOSED MIXED-USED DEVELOPMENT ON PLOT H9A AT OUTRAM MEDICAL CAMPUS, SINGAPORE

14 December, 2020

NAME OF COMPANY & ADDRESS		CONTACT PERSON	DESIGNATION	OFFICE	H/P	FAX	E-MAIL ADDRESS
		Jason Ng Beng Koh	Resident Technical Officer (C&S)	Site Office	90662789		BengKoh.Ng@meinhardtgroup.com
RESIDENT SITE STAFF - M & E Surbana Jurong Consultant Pte Ltd 168 Jalan Bukit Merah , Surbana One Singapore 150168 Tel: 6248 1288 Project email : dl-sj-n1514_rss@surbanajurong.com		Murali Jothinathan	Resident Engineer (Electrical)	Site Office	90279217		murali.jothinathan@surbanajurong.com
		Patrick Lee Yew Xuan	Resident Technical Officer (M&E)	Site Office	93853143		patrick.leeyx@surbanajurong.com
		Chow Yew Cheong	Resident Technical Officer (M&E)	Site Office	86618453		yewcheong.chow@surbanajurong.com
		Shanmugam Maheshbabu	Resident Technical Officer (M&E)	Site Office	86617464		shanmugam.maheshbabu@surbanajurong.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 China Construction (South Pacific) Development Co Pte Ltd		Name: Kelvin Loh Position: M&E Manager	Tel: – Fax: – Handphone: 9760 0713 Email: kelvinloh@chinaconstruction.com.sg
Air Conditioning & Ventilation Installation Sub-Contractor Kurihara Kogyo Co., Ltd	NSC	Name: Teddy Tan Position: Project Manager	Tel: 6271 9863 Fax: – Handphone: 8125 8010 Email: teddytan@kurihara.com.sg
Plumbing & Sanitary Installation Sub-Contractor Great Resources M & E Contractor Pte Ltd	DSC	Name:Li Zhao Position: Senior Project Manager	Tel: – Fax: – Handphone: 9067 1536 Email: LiZhao@chinaconstruction.com.sg
Electrical Installation Sub-Contractor Dai-Dan Co., Ltd	NSC	Name: Soma Position: Project Engineer	Tel: 6221 8488 Fax: – Handphone: – Email: soma@daidansin.com.sg
Lift & Escalator Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:
Fire Fighting & Alarm Installation Sub-Contractor Great Resources M & E Contractor Pte Ltd	DSC	Name: Cui Pan Position: Deputy MD	Tel: – Fax: – Handphone: 9271 4539 Email: cuipan@chinaconstruction.com.sg
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		
(b) Diversion		
SP Services:		
(a) Customer Supply		
(b) Installation		
(c) Meter Section		
(d) Road Lighting		
TFCC:		
(a) SCV		
(b) SingTel		
(c) IDA		
BCA:		
(a) Building Plan		
(b) Green Mark	Ms Ong Hui Wen Dr Li Ruixin	LI_Ruixin@bca.gov.sg ong_hui_wen@bca.gov.sg
FSSD:		
(a) Building Plan		
(b) M&E Plan		
PUB (Water Supply) Network Dept:		
(a) Water Conservation	Ms Norain Binte Dalail	6884 2533
(b) Plumbing Plan		
(c) Diversion	Ms Phyu Pwint Khin	9800 6713
(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		
PowerGas Pte Ltd		
(a) Diversion		
NEA (Pollution Control)		
(a) Planning/Submission		
(b) Inspection		

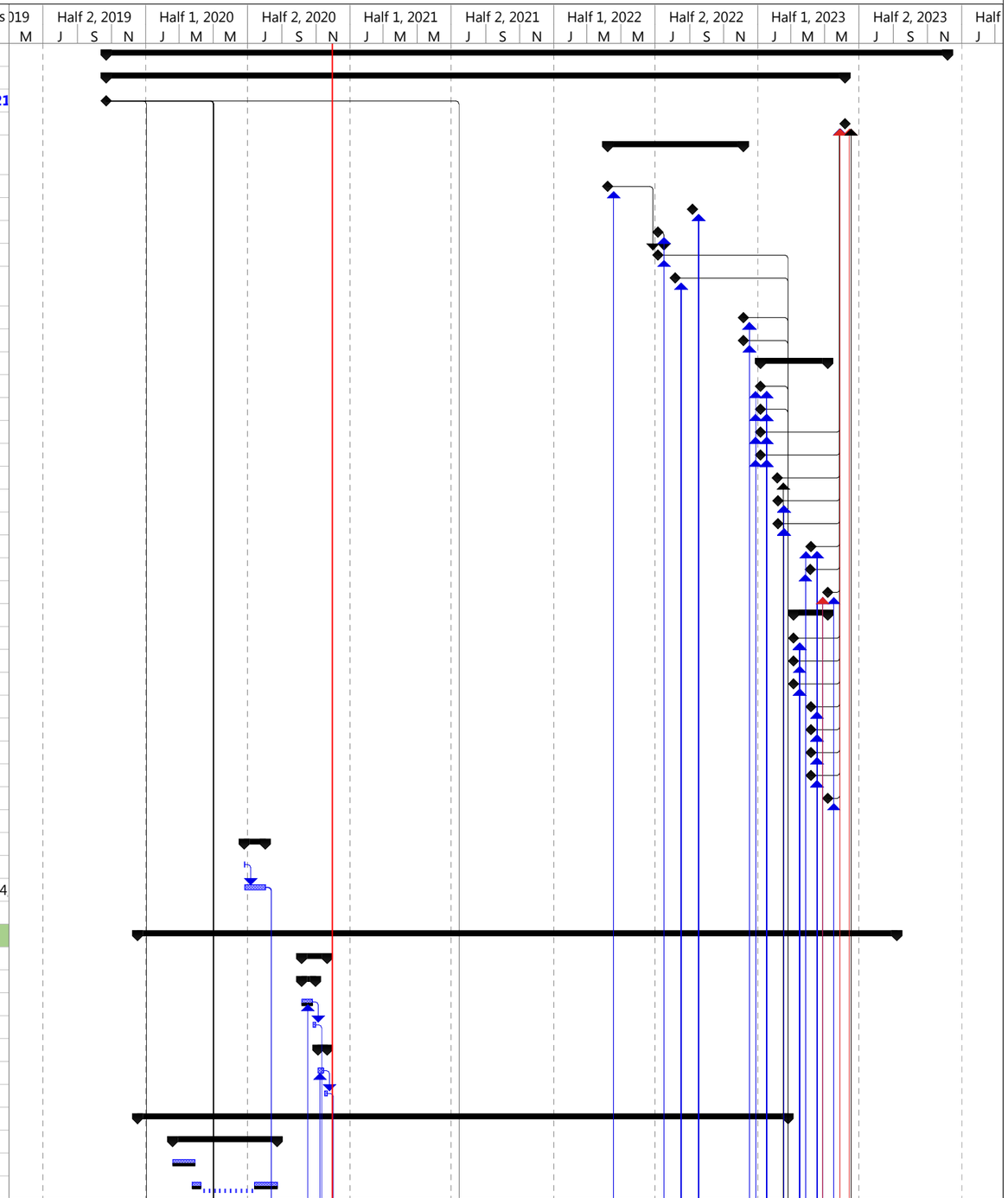
SECTION 4

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																									

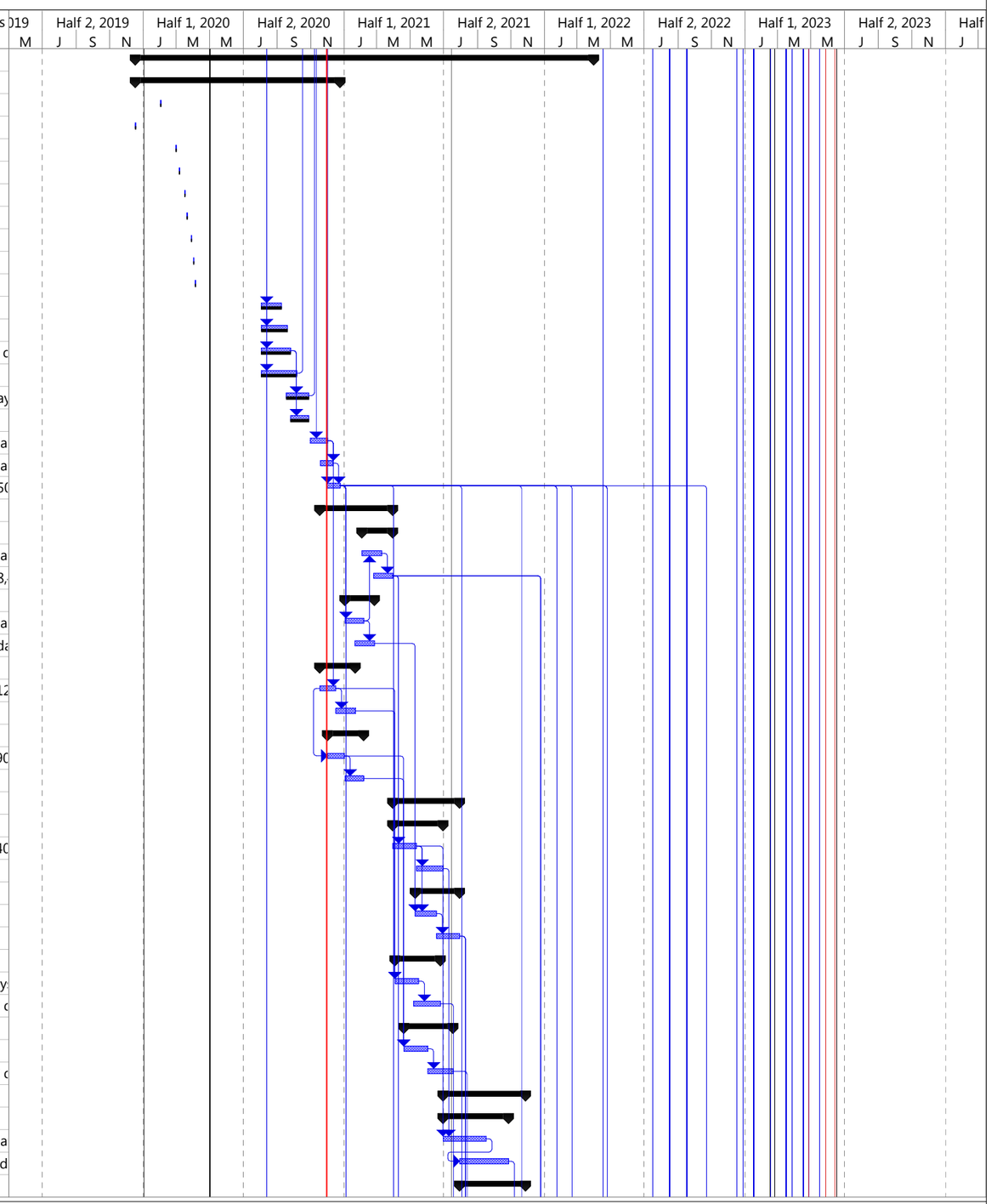
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1			**Singapore General Hospital**	**1255 days**	**21 Oct '19**	**6 Dec '23**	**0 days**		
2		**1**	**Milestone Date**	**1101 days**	**21 Oct '19**	**5 Jun '23**	**0 days**		
3		**1.1**	**Phase 1A Main Building Works (3M)**	**0 days**	**21 Oct '19**	**21 Oct '19**	**0 days**		**264,208,21**
4		**1.2**	**Phase 1B Main Building Works (43.5M)**	**0 days**	**5 Jun '23**	**5 Jun '23**	**0 days**	**1227,241,1217,12**	
5		**1.3**	**Early Completion Room for Authorities & Utilities Turn On**	**202 days**	**6 Apr '22**	**5 Dec '22**	**268 days**		
6		1.3.1	SPPG Substation w/ Lead-in Pipe (34.5M)	0 days	6 Apr '22	6 Apr '22	74 days	341,345	9
7		1.3.2	Lift Motor Room / Shaft (34.5M)	0 days	5 Sep '22	5 Sep '22	382 days	398,402,406,410,41	
8		1.3.3	HT Consumer Switchroom (37M)	0 days	5 Jul '22	5 Jul '22	0 days	350	9
9		1.3.4	SPPG Turn On (34.5M)	0 days	5 Jul '22	5 Jul '22	194 days	352,6,8	1227
10		1.3.5	Transformer / Genset / MSB / LT Switchroom (34.5M)	0 days	5 Aug '22	5 Aug '22	168 days	357,361,365,369,37	1227
11		1.3.6	AHU Room & ACMV Works (37.5M)	0 days	5 Dec '22	5 Dec '22	66 days	488,492,496,500,50	1227
12		1.3.7	MDF Room / Telecom Riser (37.5M)	0 days	5 Dec '22	5 Dec '22	66 days	621,625,633,629	1227
13		**1.4**	**Early Access (EA) Room**	**100 days**	**5 Jan '23**	**5 May '23**	**26 days**		
14		1.4.1	Resuscitation and Trauma (38.5M)	0 days	5 Jan '23	5 Jan '23	41 days	681,685,929	1227
15		1.4.2	DDR-L3 CT Scan, L3 & L4 X-Ray, L5 Cath Lab (38	0 days	5 Jan '23	5 Jan '23	41 days	690,694,698,702,93	1227
16		1.4.3	MRI (38.5M)	0 days	5 Jan '23	5 Jan '23	126 days	707,711,715,719,72	4
17		1.4.4	L3 & L4 Trolley Wash Room (38.5M)	0 days	5 Jan '23	5 Jan '23	126 days	763,767,771,775,98	4
18		1.4.5	IT Server Room (39.5M)	0 days	5 Feb '23	5 Feb '23	102 days	639	4
19		1.4.6	Wire Center / LAN Room (39.5M)	0 days	5 Feb '23	5 Feb '23	101 days	644,648,652,656,66	4
20		1.4.7	Security Room (39.5M)	0 days	5 Feb '23	5 Feb '23	101 days	780,784,788,792,79	4
21		1.4.8	NDL (EEG / 41.5M)	0 days	5 Apr '23	5 Apr '23	49 days	728,732,736,740,74	4
22		1.4.9	L3 Isolation (41.5M)	0 days	5 Apr '23	5 Apr '23	50 days	968	4
23		1.4.10	L4 Dental Consult (42.5M)	0 days	5 May '23	5 May '23	26 days	753,758,977	4
24		**1.5**	**Early Handover (EH) Room**	**50 days**	**5 Mar '23**	**5 May '23**	**26 days**		
25		1.5.1	Wire Centre / LAN Room (40.5M)	0 days	5 Mar '23	5 Mar '23	76 days	817,820,823,826,82	4
26		1.5.2	IT Server Room (40.5M)	0 days	5 Mar '23	5 Mar '23	76 days	813	4
27		1.5.3	Security Room (40.5M)	0 days	5 Mar '23	5 Mar '23	76 days	899,902,905,908,91	4
28		1.5.4	Resuscitation and Trauma (41.5M)	0 days	5 Apr '23	5 Apr '23	49 days	874,877	4
29		1.5.5	DDR-L3 CT Scan, L3 & L4 X-Ray, L5 Cath Lab (41	0 days	5 Apr '23	5 Apr '23	49 days	845,848,851,854	4
30		1.5.6	MRI (41.5M)	0 days	5 Apr '23	5 Apr '23	49 days	858,861,864,867,87	4
31		1.5.7	L3 & L4 Trolley Wash (41.5M)	0 days	5 Apr '23	5 Apr '23	49 days	886,889,892,895	4
32		1.5.8	Mortuary (Body Fridge / 42.5M)	0 days	5 May '23	5 May '23	26 days	882	4
33									
34		**2**	**Approval of Works after Circuit Breaker**	**31 days**	**25 Jun '20**	**1 Aug '20**	**26 days**		
35		2.1	Approval of Works after CB	1 day	25 Jun '20	25 Jun '20	0 days		36
36		2.2	Mobilization of Workers and Quarters - CTQ/TLQ	30 days	26 Jun '20	1 Aug '20	0 days	35	63,61,62,64
37									
38		**3**	**Phase 1B**	**1130 days**	**17 Dec '19**	**6 Sep '23**	**77 days**		
39		**3.1**	**Tower Crane Installation**	**39 days**	**6 Oct '20**	**20 Nov '20**	**73 days**		
40		**3.1.1**	**Tower Crane 1**	**22 days**	**6 Oct '20**	**30 Oct '20**	**66 days**		
41		3.1.1.1	Upstanding Beam	17 days	6 Oct '20	24 Oct '20	0 days	64	42
42		3.1.1.2	Mast Installation & Inspection	5 days	26 Oct '20	30 Oct '20	0 days	41	67
43		**3.2.2**	**Tower Crane 2**	**14 days**	**4 Nov '20**	**20 Nov '20**	**73 days**		
44		3.2.1	Upstanding Beam	9 days	4 Nov '20	13 Nov '20	0 days	65FS+6 days	45
45		3.2.2	Mast Installation & Inspection	5 days	16 Nov '20	20 Nov '20	7 days	44	69
46		**3.2**	**Structural Works**	**968 days**	**17 Dec '19**	**23 Feb '23**	**0 days**		
47		**3.2.1**	**Ground Anchor Works**	**155 days**	**18 Feb '20**	**22 Aug '20**	**0 days**		
48		3.2.1.1	1st Layer	35 days	18 Feb '20	28 Mar '20	0 days		
49		3.2.1.2	2nd Layer	47 days	24 Mar '20	22 Aug '20	0 days		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

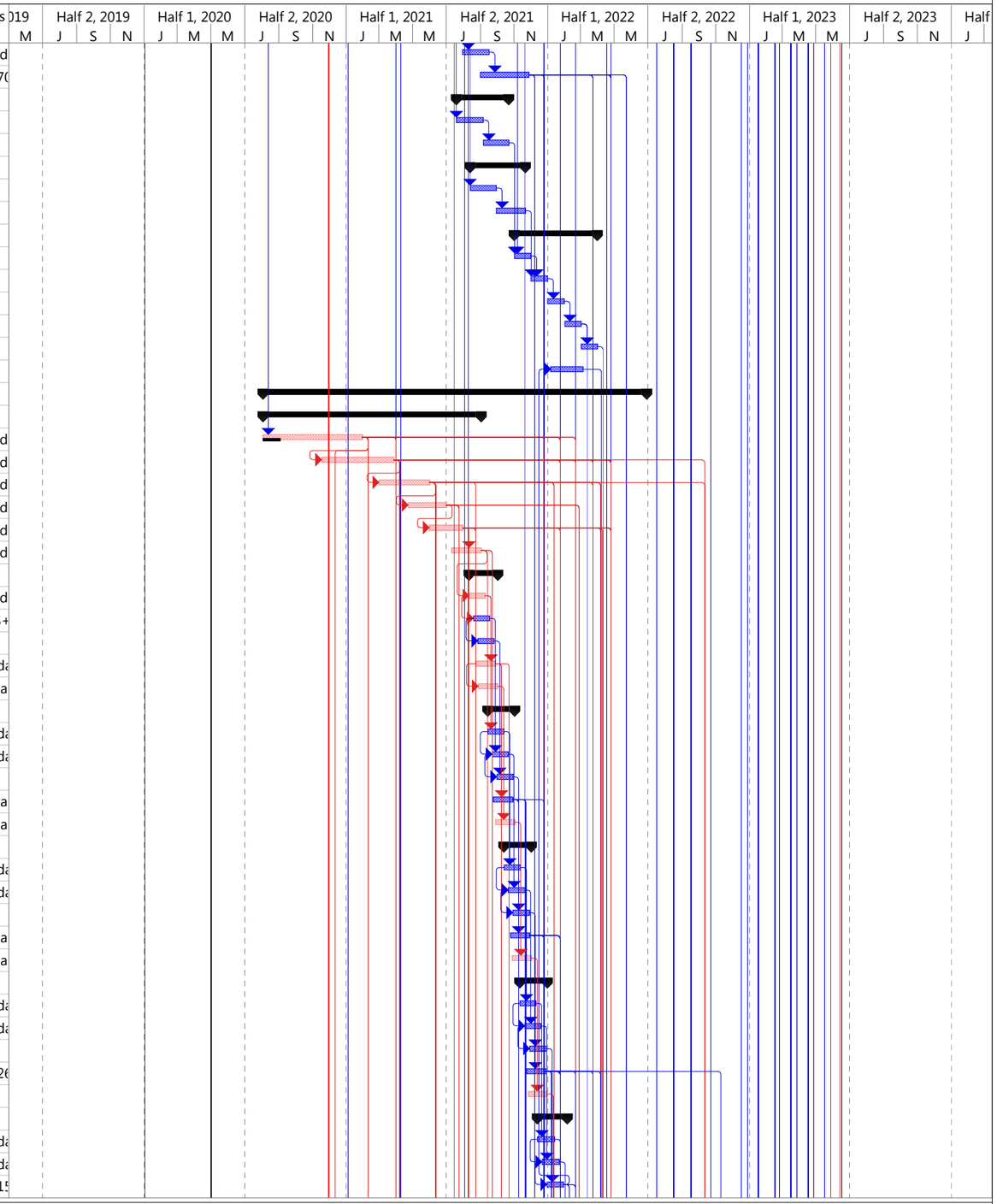
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
50		**3.2.2**	**Substructure**	**695 days**	**17 Dec '19**	**30 Mar '22**	**73 days**		
51		**3.2.2.1**	**Basement 1 (includes Excavation/Leveling)**	**311 days**	**17 Dec '19**	**23 Dec '20**	**66 days**		
52		3.2.2.1.1	Zone D-1	1 day	1 Feb '20	1 Feb '20	0 days		
53		3.2.2.1.2	Zone D-2	1 day	17 Dec '19	17 Dec '19	0 days		
54		3.2.2.1.3	Zone D-3	1 day	29 Feb '20	29 Feb '20	0 days		
55		3.2.2.1.4	Zone D-4	1 day	6 Mar '20	6 Mar '20	0 days		
56		3.2.2.1.5	Zone A-4	1 day	16 Mar '20	16 Mar '20	0 days		
57		3.2.2.1.6	Zone C-2	1 day	20 Mar '20	20 Mar '20	0 days		
58		3.2.2.1.7	Zone C-4	1 day	28 Mar '20	28 Mar '20	0 days		
59		3.2.2.1.8	Zone C-1 (with Capping Beam)	1 day	1 Apr '20	1 Apr '20	0 days		
60		3.2.2.1.9	Zone A-6	1 day	4 Apr '20	4 Apr '20	0 days		
61		3.2.2.1.10	Zone A-5	30 days	3 Aug '20	7 Sep '20	0 days	36	
62		3.2.2.1.11	Zone A-1	40 days	3 Aug '20	18 Sep '20	0 days	36	
63		3.2.2.1.12	Zone C-3 (with Capping Beam)	45 days	3 Aug '20	24 Sep '20	0 days	36	66,65FS-7 c
64		3.2.2.1.13	Zone A-2	54 days	3 Aug '20	5 Oct '20	0 days	36	41
65		3.2.2.1.14	Zone B-3	35 days	17 Sep '20	27 Oct '20	0 days	63FS-7 days	44FS+6 day
66		3.2.2.1.15	Zone B-4 (with Capping Beam)	28 days	25 Sep '20	27 Oct '20	0 days	63	
67		3.2.2.1.16	Zone A-3	25 days	31 Oct '20	30 Nov '20	0 days	42	68FS-11 da
68		3.2.2.1.17	Zone B-1	20 days	18 Nov '20	10 Dec '20	0 days	67FS-11 days	69FS-10 da
69		3.2.2.1.18	Zone B-2 (with Capping Beam)	21 days	30 Nov '20	23 Dec '20	0 days	68FS-10 days,45	486,654,65(
70		**3.2.2.3**	**Basement 2**	**112 days**	**17 Nov '20**	**29 Mar '21**	**81 days**		
71		**3.2.2.3.1**	**Zone A**	**47 days**	**2 Feb '21**	**29 Mar '21**	**76 days**		
72		3.2.2.3.1.1	Excavation	30 days	2 Feb '21	9 Mar '21	0 days	75FS-3 days	73FS-13 da
73		3.2.2.3.1.2	Formworks, Rebar and Casting	30 days	23 Feb '21	29 Mar '21	0 days	72FS-13 days	85,646,778,
74		**3.2.2.3.2**	**Zone B**	**46 days**	**2 Jan '21**	**24 Feb '21**	**76 days**		
75		3.2.2.3.2.1	Excavation	30 days	2 Jan '21	4 Feb '21	0 days	69FS+6 days	76FS-14 da
76		3.2.2.3.2.2	Formworks, Rebar and Casting	30 days	20 Jan '21	24 Feb '21	3 days	75FS-14 days	88FS+58 da
77		**3.2.2.3.3**	**Zone C**	**55 days**	**17 Nov '20**	**20 Jan '21**	**81 days**		
78		3.2.2.3.3.1	Excavation	25 days	17 Nov '20	15 Dec '20	0 days	67FS-12 days	79,81SS+12
79		3.2.2.3.3.2	Formworks, Rebar and Casting	30 days	16 Dec '20	20 Jan '21	60 days	78	91
80		**3.2.2.3.4**	**Zone D**	**56 days**	**1 Dec '20**	**4 Feb '21**	**81 days**		
81		3.2.2.3.4.1	Excavation	26 days	1 Dec '20	31 Dec '20	0 days	78SS+12 days	82,94FS+90
82		3.2.2.3.4.2	Formworks, Rebar and Casting	30 days	2 Jan '21	4 Feb '21	60 days	81	94
83		**3.2.2.4**	**Basement 3**	**100 days**	**30 Mar '21**	**29 Jul '21**	**76 days**		
84		**3.2.2.4.1**	**Zone A**	**75 days**	**30 Mar '21**	**29 Jun '21**	**76 days**		
85		3.2.2.4.1.1	Excavation	35 days	30 Mar '21	11 May '21	0 days	73	86,98FS+40
86		3.2.2.4.1.2	Formworks, Rebar and Casting	40 days	12 May '21	29 Jun '21	0 days	85	98
87		**3.2.2.4.2**	**Zone B**	**67 days**	**10 May '21**	**29 Jul '21**	**76 days**		
88		3.2.2.4.2.1	Excavation	32 days	10 May '21	17 Jun '21	0 days	76FS+58 days,85FS	89
89		3.2.2.4.2.2	Formworks, Rebar and Casting	35 days	18 Jun '21	29 Jul '21	0 days	88	101,642
90		**3.2.2.4.3**	**Zone C**	**68 days**	**3 Apr '21**	**24 Jun '21**	**81 days**		
91		3.2.2.4.3.1	Excavation	35 days	3 Apr '21	15 May '21	0 days	79,78FS+90 days	92FS-7 day
92		3.2.2.4.3.1	Formworks, Rebar and Casting	40 days	7 May '21	24 Jun '21	0 days	91FS-7 days	104FS+20 c
93		**3.2.2.4.4**	**Zone D**	**75 days**	**19 Apr '21**	**17 Jul '21**	**81 days**		
94		3.2.2.4.4.1	Excavation	35 days	19 Apr '21	1 Jun '21	0 days	81FS+90 days,82	95
95		3.2.2.4.4.2	Formworks, Rebar and Casting	40 days	2 Jun '21	17 Jul '21	0 days	94	107FS+20 c
96		**3.2.2.5**	**Basement 4**	**126 days**	**30 Jun '21**	**26 Nov '21**	**76 days**		
97		**3.2.2.5.1**	**Zone A**	**100 days**	**30 Jun '21**	**26 Oct '21**	**102 days**		
98		3.2.2.5.1.1	Excavation	65 days	30 Jun '21	15 Sep '21	0 days	85FS+40 days,86	99FS-40 da
99		3.2.2.5.1.2	Formworks, Rebar and Casting	75 days	30 Jul '21	26 Oct '21	29 days	98FS-40 days	110FS-25 d
100		**3.2.2.5.2**	**Zone B**	**101 days**	**30 Jul '21**	**26 Nov '21**	**76 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

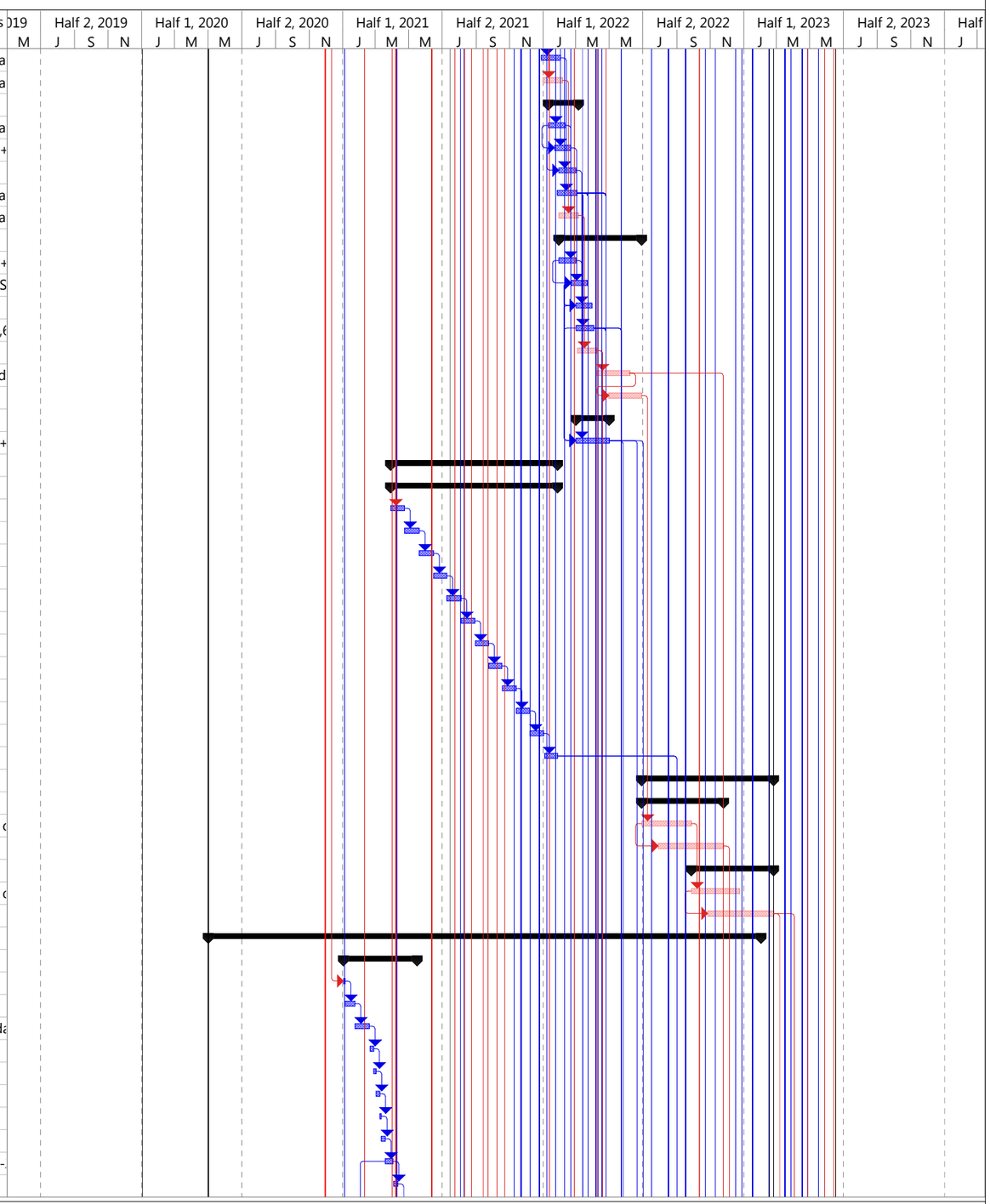
ID	Task Mod	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
101		3.2.2.5.2.1	Excavation	40 days	30 Jul '21	15 Sep '21	0 days	89	102FS-14 d
102		3.2.2.5.2.2	Formworks, Rebar and Casting	75 days	31 Aug '21	26 Nov '21	0 days	101FS-14 days	111,260,67(
103		**3.2.2.5.3**	**Zone C**	**80 days**	**19 Jul '21**	**21 Oct '21**	**81 days**		
104		3.2.2.5.3.1	Excavation	40 days	19 Jul '21	4 Sep '21	0 days	92FS+20 days	105
105		3.2.2.5.3.2	Formworks, Rebar and Casting	40 days	6 Sep '21	21 Oct '21	8 days	104	110
106		**3.2.2.5.4**	**Zone D**	**85 days**	**13 Aug '21**	**20 Nov '21**	**81 days**		
107		3.2.2.5.4.1	Excavation	40 days	13 Aug '21	28 Sep '21	0 days	95FS+20 days	108
108		3.2.2.5.4.2	Formworks, Rebar and Casting	45 days	29 Sep '21	20 Nov '21	8 days	107	111
109		**3.2.2.6**	**Casting Back of Temporary Openings**	**125 days**	**1 Nov '21**	**30 Mar '22**	**73 days**		
110		3.2.2.6.1	Basement 3	25 days	1 Nov '21	30 Nov '21	0 days	99FS-25 days,105	111
111		3.2.2.6.2	Basement 2	25 days	1 Dec '21	30 Dec '21	0 days	110,102,108	112
112		3.2.2.6.3	Basement 1	25 days	31 Dec '21	29 Jan '22	0 days	111	113
113		3.2.2.6.4	Level 1	25 days	31 Jan '22	1 Mar '22	0 days	112	114,1212
114		3.2.2.6.5	Level 2	25 days	2 Mar '22	30 Mar '22	0 days	113	261
115		3.2.2.6.6	Hoisting Hole Cast Back (L2 to L6)	49 days	6 Jan '22	4 Mar '22	28 days	151FS-20 days	254
116		**3.2.3**	**Superstructure**	**578 days**	**3 Aug '20**	**28 Jun '22**	**0 days**		
117		**3.2.3.1**	**Level 1 to 6**	**329 days**	**3 Aug '20**	**1 Sep '21**	**0 days**		
118		3.2.3.1.1	Level 1	152 days	3 Aug '20	29 Jan '21	0 days	36	119FS-63 d
119		3.2.3.1.2	Level 2	111 days	17 Nov '20	27 Mar '21	0 days	118FS-63 days	120FS-24 d
120		3.2.3.1.3	Level 3	75 days	1 Mar '21	31 May '21	0 days	119FS-24 days	121FS-32 d
121		3.2.3.1.4	Level 4	56 days	23 Apr '21	30 Jun '21	0 days	120FS-32 days	122FS-27 d
122		3.2.3.1.5	Level 5 (Including L4 Vertical)	52 days	31 May '21	30 Jul '21	0 days	121FS-27 days	123FS-17 d
123		3.2.3.1.6	Level 6 (Including L5 Vertical)	44 days	10 Jul '21	1 Sep '21	0 days	122FS-17 days	125FS-19 d
124		**3.2.3.2**	**Level 7 (Incuding L6 Vertical)**	**45 days**	**11 Aug '21**	**1 Oct '21**	**0 days**		
125		3.2.3.2.1	Core A	25 days	11 Aug '21	8 Sep '21	0 days	123FS-19 days	128FS-14 d
126		3.2.3.2.2	Core B	25 days	19 Aug '21	16 Sep '21	0 days	125SS+7 days	132,127SS+
127		3.2.3.2.3	Core C	25 days	27 Aug '21	24 Sep '21	4 days	126SS+7 days	133
128		3.2.3.2.4	Zone A	30 days	24 Aug '21	27 Sep '21	0 days	125FS-14 days	129SS+4 da
129		3.2.3.2.5	Zone B (Double Volume Slab)	30 days	28 Aug '21	1 Oct '21	0 days	128SS+4 days	135FS-4 da
130		**3.2.3.3**	**Level 8 (Incuding L7 Vertical)**	**42 days**	**14 Sep '21**	**1 Nov '21**	**12 days**		
131		3.2.3.3.1	Core A	25 days	14 Sep '21	12 Oct '21	0 days	125FS+4 days	132SS+7 da
132		3.2.3.3.2	Core B	25 days	22 Sep '21	20 Oct '21	0 days	126,131SS+7 days	133SS+7 da
133		3.2.3.3.3	Core C	25 days	30 Sep '21	28 Oct '21	0 days	127,132SS+7 days	139
134		3.2.3.3.4	Zone A	30 days	24 Sep '21	28 Oct '21	0 days	128FS-3 days	140FS-4 da
135		3.2.3.3.4	Zone B	30 days	28 Sep '21	1 Nov '21	0 days	129FS-4 days	141FS-4 da
136		**3.2.3.4**	**Level 9 (Incuding L8 Vertical)**	**42 days**	**13 Oct '21**	**1 Dec '21**	**13 days**		
137		3.2.3.4.1	Core A	25 days	13 Oct '21	11 Nov '21	0 days	131	138SS+7 da
138		3.2.3.4.2	Core B	25 days	21 Oct '21	19 Nov '21	0 days	132,137SS+7 days	139SS+7 da
139		3.2.3.4.3	Core C	25 days	29 Oct '21	27 Nov '21	0 days	133,138SS+7 days	145
140		3.2.3.4.4	Zone A	29 days	25 Oct '21	27 Nov '21	0 days	134FS-4 days	146FS-5 da
141		3.2.3.4.5	Zone B	29 days	28 Oct '21	1 Dec '21	0 days	135FS-4 days	147FS-5 da
142		**3.2.3.5**	**Level 10 (Incuding L9 Vertical)**	**42 days**	**11 Nov '21**	**30 Dec '21**	**13 days**		
143		3.2.3.5.1	Core A	25 days	11 Nov '21	9 Dec '21	0 days	137FS-1 day	144SS+7 da
144		3.2.3.5.2	Core B	25 days	20 Nov '21	18 Dec '21	0 days	138,143SS+7 days	145SS+7 da
145		3.2.3.5.3	Core C	25 days	29 Nov '21	28 Dec '21	1 day	139,144SS+7 days	151
146		3.2.3.5.4	Zone A	29 days	23 Nov '21	27 Dec '21	0 days	140FS-5 days	152,251,72(
147		3.2.3.5.5	Zone B	29 days	26 Nov '21	30 Dec '21	0 days	141FS-5 days	153
148		**3.2.3.6**	**Level 11 (Incuding L10 Vertical)**	**44 days**	**13 Dec '21**	**4 Feb '22**	**14 days**		
149		3.2.3.6.1	Core A	25 days	13 Dec '21	12 Jan '22	0 days	143FS+2 days	150SS+7 da
150		3.2.3.6.2	Core B	25 days	21 Dec '21	20 Jan '22	0 days	144,149SS+7 days	151SS+7 da
151		3.2.3.6.3	Core C	25 days	30 Dec '21	28 Jan '22	0 days	145,150SS+7 days	157,252,11!



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

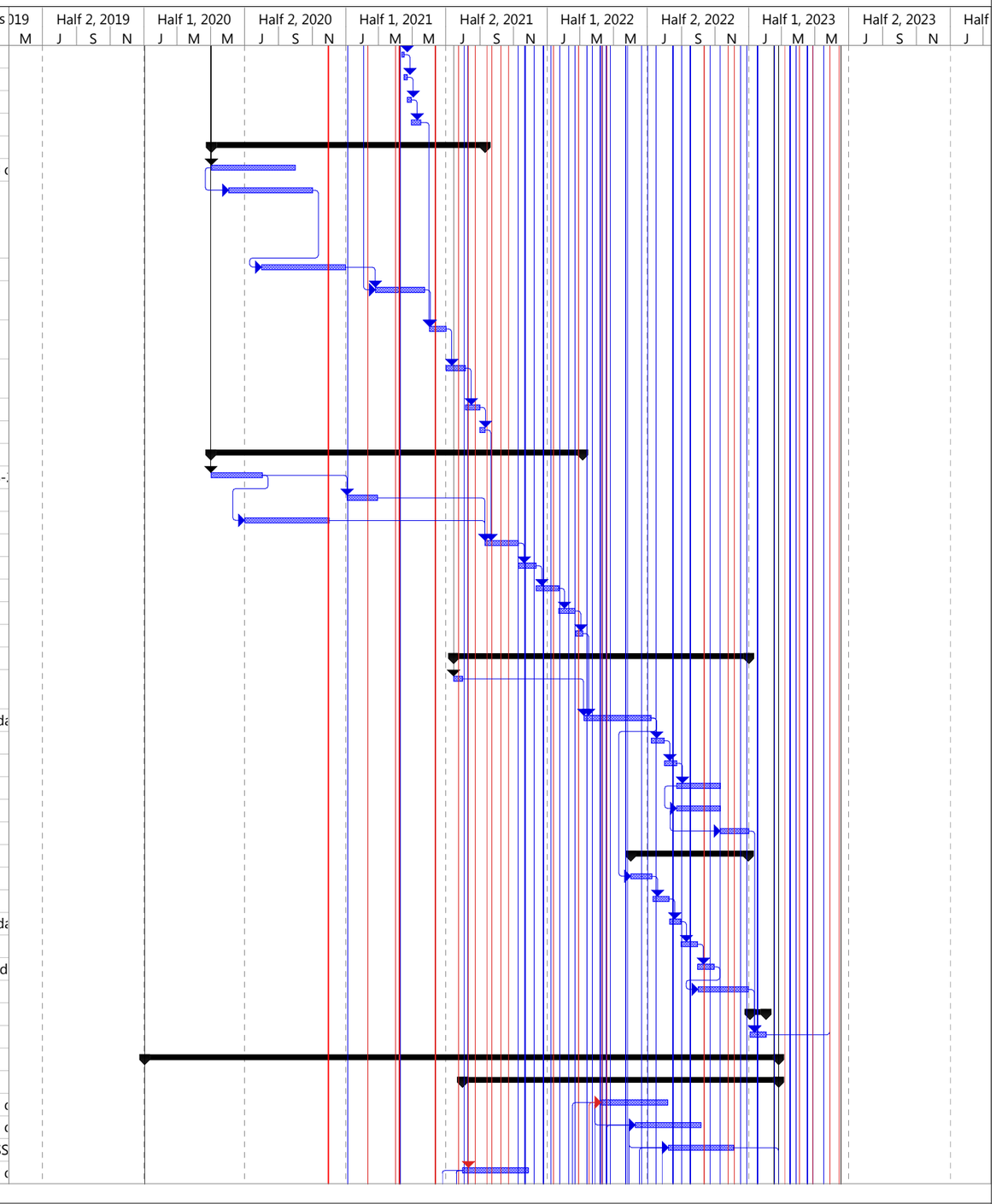
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
152		3.2.3.6.4	Zone A	29 days	28 Dec '21	31 Jan '22	0 days	146	158FS-5 da
153		3.2.3.6.5	Zone B	29 days	31 Dec '21	4 Feb '22	0 days	147	159FS-5 da
154		**3.2.3.7**	**Level 12 (Incuding L11 Vertical)**	**47 days**	**10 Jan '22**	**5 Mar '22**	**14 days**		
155		3.2.3.7.1	Core A	25 days	10 Jan '22	8 Feb '22	0 days	149FS-3 days	161FS-8 da
156		3.2.3.7.2	Core B	25 days	21 Jan '22	19 Feb '22	0 days	150,155SS+7 days	162,157SS+
157		3.2.3.7.3	Core C	25 days	29 Jan '22	28 Feb '22	0 days	151,156SS+7 days	163
158		3.2.3.7.4	Zone A	30 days	26 Jan '22	2 Mar '22	0 days	152FS-5 days	164FS-2 da
159		3.2.3.7.5	Zone B	30 days	29 Jan '22	5 Mar '22	0 days	153FS-5 days	165FS-2 da
160		**3.2.3.8**	**Lower Roof**	**124 days**	**29 Jan '22**	**28 Jun '22**	**0 days**		
161		3.2.3.8.1	Core A	25 days	29 Jan '22	28 Feb '22	0 days	155FS-8 days	169,162SS+
162		3.2.3.8.2	Core B	25 days	21 Feb '22	21 Mar '22	0 days	156,161SS+7 days	169SS,163S
163		3.2.3.8.3	Core C	25 days	1 Mar '22	29 Mar '22	0 days	157,162SS+7 days	169SS
164		3.2.3.8.4	Zone A	29 days	1 Mar '22	2 Apr '22	0 days	158FS-2 days	169SS,606,6
165		3.2.3.8.5	Zone B	29 days	4 Mar '22	7 Apr '22	0 days	159FS-2 days	166,254
166		3.2.3.8.6	Roof Waterproofing	48 days	8 Apr '22	6 Jun '22	0 days	165	167FS-29 d
167		3.2.3.8.7	M&E Plinth	48 days	30 Apr '22	28 Jun '22	0 days	166FS-29 days	186
168		**3.2.3.9**	**Upper Roof**	**52 days**	**1 Mar '22**	**30 Apr '22**	**17 days**		
169		3.2.3.9.1	Steel Structure	52 days	1 Mar '22	30 Apr '22	0 days	161,162SS,163SS,1	255,256FS+
170		**3.2.4**	**Steel Staircase**	**252 days**	**29 Mar '21**	**26 Jan '22**	**199 days**		
171		**3.2.4.1**	**Delivery and Installation**	**252 days**	**29 Mar '21**	**26 Jan '22**	**199 days**		
172		3.2.4.1.1	L1 to L2	21 days	29 Mar '21	22 Apr '21	0 days	119	173
173		3.2.4.1.2	L2 to L3	21 days	23 Apr '21	19 May '21	0 days	172	174
174		3.2.4.1.3	L3 to L4	21 days	20 May '21	14 Jun '21	0 days	173	175
175		3.2.4.1.4	L4 to L5	21 days	15 Jun '21	8 Jul '21	0 days	174	176
176		3.2.4.1.5	L5 to L6	21 days	9 Jul '21	3 Aug '21	0 days	175	177
177		3.2.4.1.6	L6 to L7	21 days	4 Aug '21	28 Aug '21	0 days	176	178
178		3.2.4.1.7	L7 to L8	21 days	30 Aug '21	22 Sep '21	0 days	177	179
179		3.2.4.1.8	L8 to L9	21 days	23 Sep '21	16 Oct '21	0 days	178	180
180		3.2.4.1.9	L9 to L10	21 days	18 Oct '21	11 Nov '21	0 days	179	181
181		3.2.4.1.10	L10 to L11	21 days	12 Nov '21	6 Dec '21	0 days	180	182
182		3.2.4.1.11	L11 to L12	21 days	7 Dec '21	31 Dec '21	0 days	181	183
183		3.2.4.1.12	L12 to Lower Roof	21 days	3 Jan '22	26 Jan '22	179 days	182	327,331
184		**3.2.5**	**M & E Works for Roof**	**200 days**	**29 Jun '22**	**23 Feb '23**	**0 days**		
185		**3.2.5.1**	**Lower Roof**	**125 days**	**29 Jun '22**	**24 Nov '22**	**0 days**		
186		3.2.5.1.1	Delivery of M&E Equipments	75 days	29 Jun '22	26 Sep '22	0 days	167	187SS+25 d
187		3.2.5.1.1	Installation of M&E Equipments	100 days	29 Jul '22	24 Nov '22	0 days	186SS+25 days	257
188		**3.2.5.2**	**Upper Roof**	**125 days**	**27 Sep '22**	**23 Feb '23**	**0 days**		
189		3.2.5.2.1	Delivery of M&E Equipments	75 days	27 Sep '22	23 Dec '22	0 days	186	190SS+25 d
190		3.2.5.2.2	Installation of M&E Equipments	100 days	27 Oct '22	23 Feb '23	0 days	189SS+25 days	1227,1235
191		**3.3**	**HDS Platform**	**833 days**	**1 May '20**	**31 Jan '23**	**106 days**		
192		**3.3.1**	**A & A Works**	**112 days**	**2 Jan '21**	**15 May '21**	**121 days**		
193		3.3.1.1	Barricading for Tree Transplant Works	3 days	2 Jan '21	4 Jan '21	0 days	118FS-25 days	194
194		3.3.1.2	Tree Transplant Works	16 days	5 Jan '21	22 Jan '21	0 days	193	195
195		3.3.1.3	Temporary Platform	20 days	23 Jan '21	17 Feb '21	0 days	194	196FS+1 da
196		3.3.1.4	Hacking of Low Wall / Railing	7 days	19 Feb '21	25 Feb '21	0 days	195FS+1 day	197
197		3.3.1.5	CCTV	3 days	26 Feb '21	1 Mar '21	0 days	196	198
198		3.3.1.6	Control Switches / Sockets	6 days	2 Mar '21	8 Mar '21	0 days	197	199
199		3.3.1.7	Water Taps	3 days	9 Mar '21	11 Mar '21	0 days	198	200
200		3.3.1.8	MV Works (Block 1 Pouch)	6 days	12 Mar '21	18 Mar '21	0 days	199	201
201		3.3.1.9	Hoarding Works (Block 1 Pouch)	12 days	19 Mar '21	1 Apr '21	0 days	200	202,211SS-
202		3.3.1.10	Tree Transplant (Middle Area)	7 days	3 Apr '21	10 Apr '21	0 days	201	203



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone	
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical	
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split	
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress	

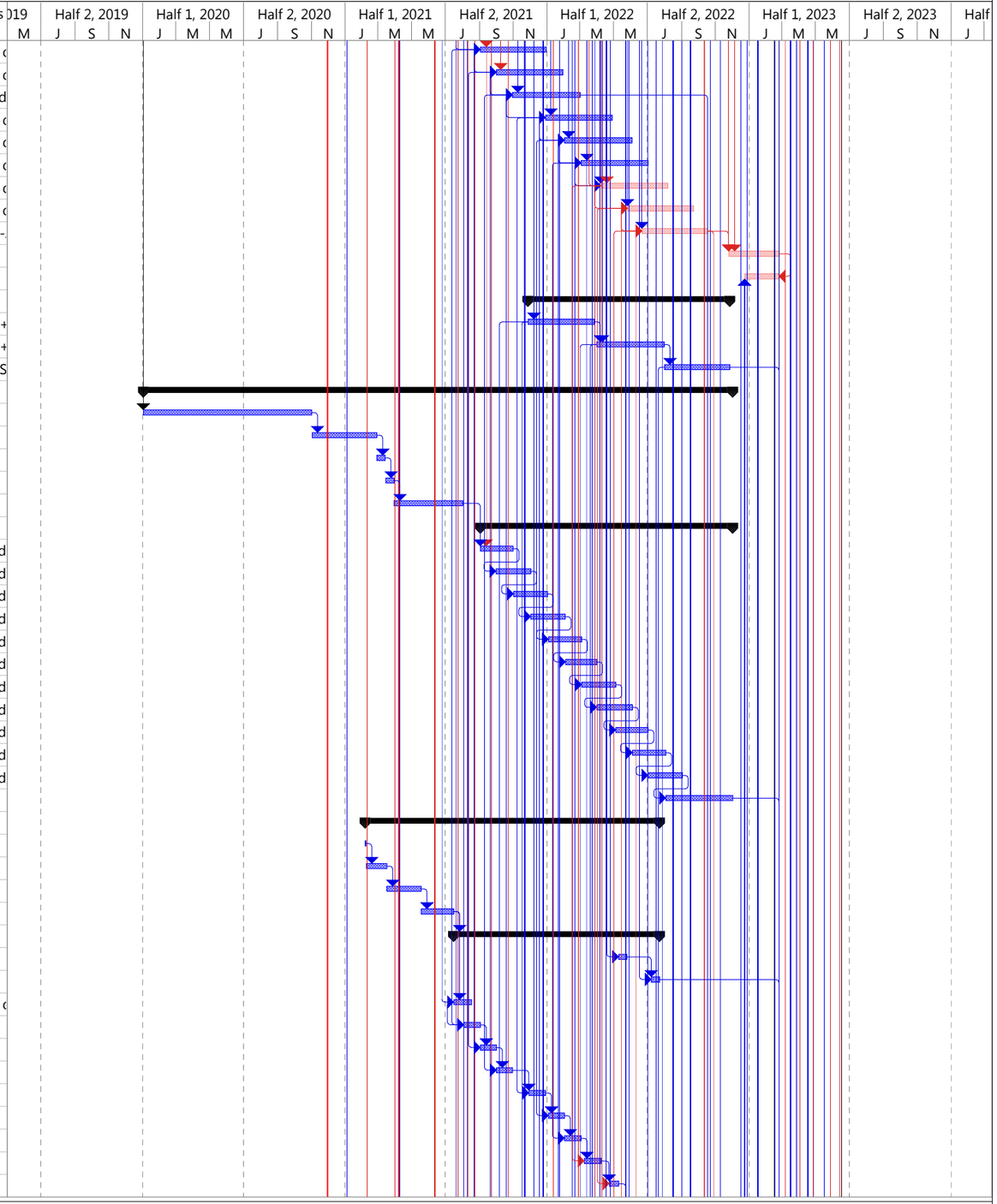
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
203		3.3.1.11	Erect Scaffolding	4 days	12 Apr '21	15 Apr '21	0 days	202	204
204		3.3.1.12	MV Works (Outside Pouch)	5 days	16 Apr '21	21 Apr '21	0 days	203	205
205		3.3.1.13	RWDP	6 days	22 Apr '21	28 Apr '21	0 days	204	206
206		3.3.1.14	Hoarding (Ramp)-Left and Right	13 days	29 Apr '21	15 May '21	12 days	205	212
207		**3.3.2**	**Road Diversion Works (Link to Level 3&4)**	**411 days**	**2 May '20**	**9 Sep '21**	**109 days**		
208		3.3.2.1	Subcontractor Awarding	125 days	2 May '20	30 Sep '20	0 days	3	209SS+24 d
209		3.3.2.2	Preparation & Planning & Submission for Consultant / SGH / Service Detection / Tree Cutting / Sigmages / Drainage Diversion Works, Etc.	128 days	2 Jun '20	31 Oct '20	0 days	208SS+24 days	210FS-78 days
210		3.3.2.3	Submission to LTA	127 days	1 Aug '20	30 Dec '20	45 days	209FS-78 days	211
211		3.3.2.4	Road Construction Preparation Works Along Hospital Cresent	74 days	23 Feb '21	22 May '21	31 days	201SS-21 days,210	212FS-25 days
212		3.3.2.5	Road Construction Works Inside H9A with Hoarding / Foothpath	26 days	1 Jun '21	30 Jun '21	0 days	206,211FS-25 days	213
213		3.3.2.6	Interfacing Road Connection Works with Lampost Lightings	29 days	1 Jul '21	4 Aug '21	0 days	212	214
214		3.3.2.7	Removal of Existing Hoarding / Footpath	21 days	5 Aug '21	30 Aug '21	0 days	213	215
215		3.3.2.8	Opening of New Diverted Road / Footpath	9 days	31 Aug '21	9 Sep '21	0 days	214	220
216		**3.3.3**	**Micropiles / RC Works**	**560 days**	**1 May '20**	**5 Mar '22**	**109 days**		
217		3.3.3.1	Subcontractor Awarding	76 days	1 May '20	1 Aug '20	0 days	3	218,219FS-2
218		3.3.3.2	Hoarding Works	47 days	3 Jan '21	26 Feb '21	161 days	217	220
219		3.3.3.2	Platform / ERSS / BCA Submissions	127 days	1 Jul '20	30 Nov '20	235 days	217FS-26 days	220
220		3.3.3.3	ERSS / Micropiling Works	50 days	10 Sep '21	8 Nov '21	0 days	215,218,219	221
221		3.3.3.4	Pilecaps / Columns (Bottom of Slope)	28 days	9 Nov '21	10 Dec '21	0 days	220	222
222		3.3.3.5	Pilecaps / Columns (Top of Slope)	33 days	11 Dec '21	20 Jan '22	0 days	221	223
223		3.3.3.6	RC Works - Pilecaps & Columns	25 days	21 Jan '22	19 Feb '22	0 days	222	224
224		3.3.3.7	Removal of ERSS	12 days	21 Feb '22	5 Mar '22	1 day	223	227
225		**3.3.4**	**Launching Works**	**445 days**	**15 Jul '21**	**31 Dec '22**	**129 days**		
226		3.3.4.1	Preparation / Submission for Launching Works / Road Closure	13 days	15 Jul '21	30 Jul '21	151 days	3	227FS+32 days
227		3.3.4.1	Steel Launching Works	100 days	8 Mar '22	6 Jul '22	0 days	224,226FS+32 days	228FS+1 da
228		3.3.4.2	L3 Slab Casting	19 days	8 Jul '22	30 Jul '22	0 days	227FS+1 day	229
229		3.3.4.3	L4 Roof	18 days	1 Aug '22	22 Aug '22	0 days	228	230
230		3.3.4.4	M&E Works Below L3 Soffit	67 days	23 Aug '22	9 Nov '22	0 days	229	231SS
231		3.3.4.5	Architectural/M&E/Interfacing/Facade	67 days	23 Aug '22	9 Nov '22	67 days	230SS	232SS
232		3.3.4.6	Road Opening and Divider to Original	44 days	10 Nov '22	31 Dec '22	0 days	231SS	241
233		**3.3.5**	**Linkbridge / Down / Up Ramp Works**	**179 days**	**1 Jun '22**	**30 Dec '22**	**107 days**		
234		3.3.5.1	Micropile Works	33 days	1 Jun '22	8 Jul '22	0 days	227FS-32 days	235
235		3.3.5.2	RC Works	25 days	11 Jul '22	8 Aug '22	0 days	234	236
236		3.3.5.3	Launching of Truss	17 days	10 Aug '22	29 Aug '22	0 days	235	237FS+1 da
237		3.3.5.4	L3 / L4 Slab Casting	26 days	31 Aug '22	29 Sep '22	0 days	236FS+1 day	238
238		3.3.5.5	M&E Works Below L3 Soffit	25 days	30 Sep '22	29 Oct '22	0 days	237	239FS-24 d
239		3.3.5.6	Architectural/M&E/Interfacing/Facade	76 days	1 Oct '22	30 Dec '22	1 day	238FS-24 days	241
240		**3.3.6**	**RI / TOP Inspection (HDS)**	**23 days**	**3 Jan '23**	**31 Jan '23**	**106 days**		
241		3.3.6.1	RI / TOP Inspection (HDS)	23 days	3 Jan '23	31 Jan '23	106 days	239,232	4
242		**3.4**	**Architectural and M&E Works**	**954 days**	**2 Jan '20**	**23 Feb '23**	**0 days**		
243		**3.4.1**	**Main Block (Tower)**	**476 days**	**31 Jul '21**	**23 Feb '23**	**0 days**		
244		3.4.1.1	Basement 1	100 days	8 Apr '22	6 Aug '22	0 days	254SS	245SS+50 d
245		3.4.1.2	Level 1	100 days	9 Jun '22	5 Oct '22	0 days	244SS+50 days	246SS+50 d
246		3.4.1.3	Level 2	100 days	8 Aug '22	3 Dec '22	0 days	245SS+50 days	1227,306SS
247		3.4.1.4	Level 3	100 days	31 Jul '21	26 Nov '21	0 days	122	248SS+27 d



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

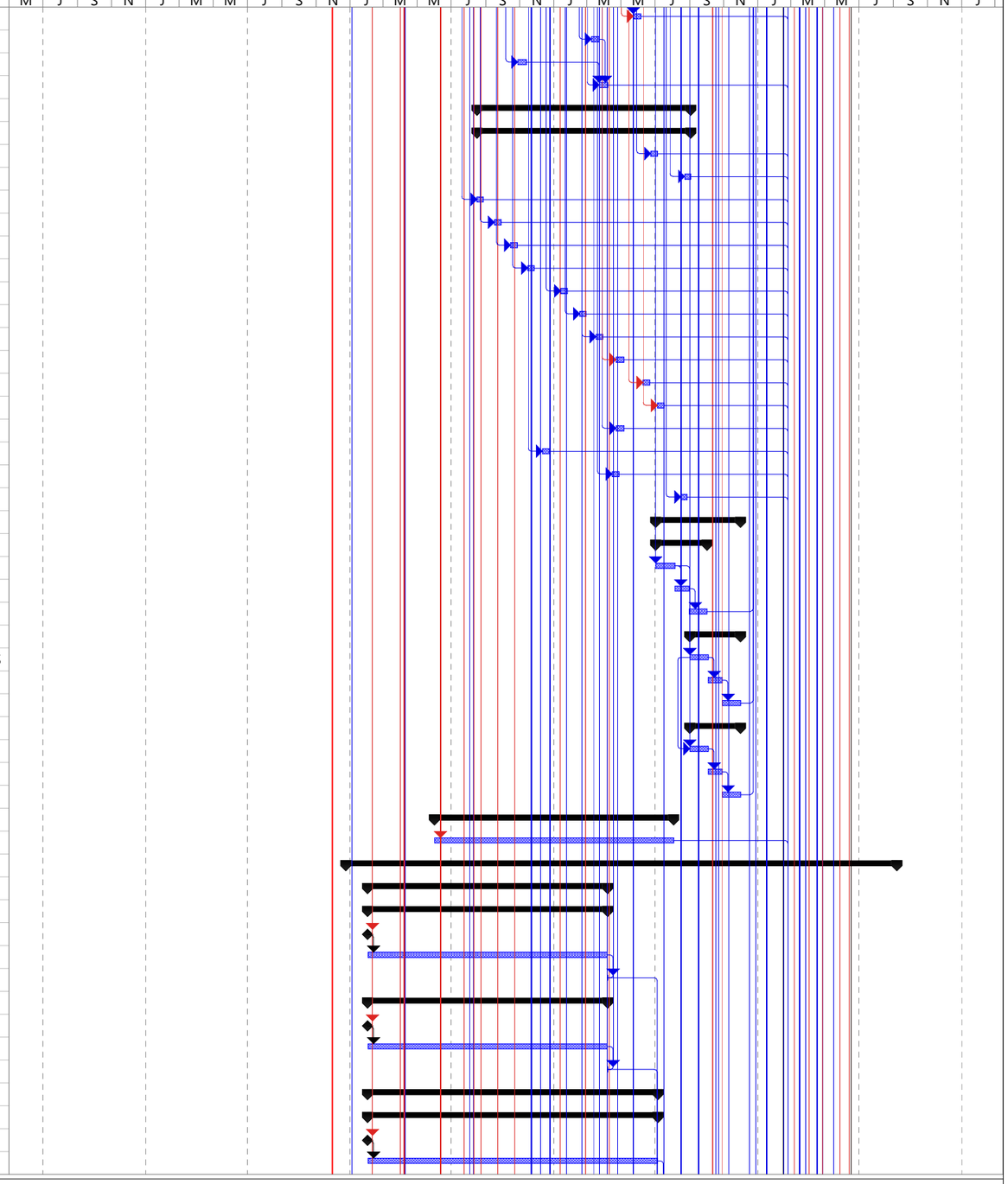
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
248		3.4.1.5	Level 4	100 days	2 Sep '21	29 Dec '21	0 days	123,247SS+27 days	249SS+25 d
249		3.4.1.6	Level 5	100 days	1 Oct '21	28 Jan '22	0 days	128,248SS+25 days	250SS+25 d
250		3.4.1.6	Level 6	100 days	30 Oct '21	28 Feb '22	0 days	134,249SS+25 days	293SS-25 d
251		3.4.1.7	Level 7	100 days	29 Dec '21	27 Apr '22	0 days	146,250SS+49 days	252SS+28 d
252		3.4.1.8	Level 8	100 days	1 Feb '22	2 Jun '22	0 days	151,251SS+28 days	253SS+20 d
253		3.4.1.9	Level 9	100 days	3 Mar '22	1 Jul '22	0 days	158,252SS+20 days	254SS+13 d
254		3.4.1.10	Level 10	100 days	8 Apr '22	6 Aug '22	0 days	165,253SS+13 days	255SS+38 d
255		3.4.1.11	Level 11	100 days	26 May '22	21 Sep '22	0 days	169,254SS+38 days	256SS+22 d
256		3.4.1.12	Level 12	100 days	21 Jun '22	17 Oct '22	0 days	169FS+25 days,255	257,299SS-
257		3.4.1.12	Lower Roof	75 days	25 Nov '22	23 Feb '23	0 days	166,256,187	258FF
258		3.4.1.12	Upper Roof	50 days	24 Dec '22	23 Feb '23	0 days	257FF,325,329,333	1227
259		**3.4.2**	**Basement**	**303 days**	**27 Nov '21**	**26 Nov '22**	**73 days**		
260		3.4.2.1	Basement 2	100 days	27 Nov '21	26 Mar '22	0 days	102	261,318SS+
261		3.4.2.2	Basement 3	100 days	31 Mar '22	30 Jul '22	0 days	260,114	262,319SS+
262		3.4.2.2	Basement 4	100 days	1 Aug '22	26 Nov '22	0 days	261	1227,320SS
263		**3.4.3**	**Facade Works**	**885 days**	**2 Jan '20**	**1 Dec '22**	**69 days**		
264		3.4.3.1	Shop Drawings Preparation and Approval	253 days	2 Jan '20	31 Oct '20	0 days	3	265
265		3.4.3.2	Dye, Fabrication & Delivery	98 days	2 Nov '20	26 Feb '21	0 days	264	266
266		3.4.3.2	Mock-up	13 days	27 Feb '21	13 Mar '21	0 days	265	267
267		3.4.3.3	Performance Test	13 days	15 Mar '21	29 Mar '21	0 days	266	268
268		3.4.3.4	Fabrication & Delivery	102 days	30 Mar '21	31 Jul '21	26 days	267	270
269		**3.4.4**	**Installation**	**380 days**	**2 Sep '21**	**1 Dec '22**	**69 days**		
270		3.4.4.1	Level 2	51 days	2 Sep '21	30 Oct '21	0 days	268,123	271FS-27 d
271		3.4.4.2	Level 3	53 days	30 Sep '21	1 Dec '21	0 days	270FS-27 days	272FS-26 d
272		3.4.4.3	Level 4	51 days	1 Nov '21	31 Dec '21	0 days	271FS-26 days	273FS-25 d
273		3.4.4.4	Level 5	51 days	2 Dec '21	1 Feb '22	0 days	272FS-25 days	274FS-26 d
274		3.4.4.5	Level 6	51 days	3 Jan '22	3 Mar '22	0 days	273FS-26 days	275FS-25 d
275		3.4.4.6	Level 7	48 days	3 Feb '22	30 Mar '22	0 days	274FS-25 days	276FS-23 d
276		3.4.4.7	Level 8	50 days	4 Mar '22	4 May '22	0 days	275FS-23 days	277FS-27 d
277		3.4.4.8	Level 9	52 days	31 Mar '22	3 Jun '22	0 days	276FS-27 days	278FS-25 d
278		3.4.4.9	Level 10	49 days	5 May '22	1 Jul '22	0 days	277FS-25 days	279FS-24 d
279		3.4.4.10	Level 11	50 days	4 Jun '22	2 Aug '22	0 days	278FS-24 days	280FS-26 d
280		3.4.4.11	Level 12	51 days	2 Jul '22	1 Sep '22	0 days	279FS-26 days	281FS-25 d
281		3.4.4.12	Level L1, LR & UR	102 days	3 Aug '22	1 Dec '22	69 days	280FS-25 days	1227
282		**3.4.5**	**PBU**	**440 days**	**6 Feb '21**	**22 Jul '22**	**180 days**		
283		3.4.5.1	Confirmation of Materials	1 day	6 Feb '21	6 Feb '21	0 days		284
284		3.4.5.2	Shop Drawings Preparation and Approval	31 days	8 Feb '21	16 Mar '21	0 days	283	285
285		3.4.5.3	Off-Site Mockup and Approval	50 days	17 Mar '21	17 May '21	0 days	284	286
286		3.4.5.4	Fabrication	50 days	18 May '21	15 Jul '21	0 days	285	287,290
287		**3.4.6**	**Delivery and Installation**	**308 days**	**16 Jul '21**	**22 Jul '22**	**180 days**	**286**	
288		3.4.6.1	Level 1	12 days	10 May '22	24 May '22	38 days	245SS-25 days	289
289		3.4.6.2	Level 2	12 days	8 Jul '22	22 Jul '22	180 days	246SS-25 days,288	1227
290		3.4.6.3	Level 3	25 days	16 Jul '21	16 Aug '21	2 days	247SS-25 days,286	291SS+12 d
291		3.4.6.4	Level 4	25 days	3 Aug '21	1 Sep '21	0 days	248SS-25 days,290	292
292		3.4.6.5	Level 5	25 days	2 Sep '21	30 Sep '21	0 days	249SS-25 days,291	293
293		3.4.6.6	Level 6	25 days	1 Oct '21	29 Oct '21	24 days	250SS-25 days,292	294
294		3.4.6.7	Level 7	25 days	29 Nov '21	28 Dec '21	3 days	251SS-25 days,293	295
295		3.4.6.8	Level 8	25 days	3 Jan '22	31 Jan '22	0 days	252SS-25 days,294	296
296		3.4.6.9	Level 9	25 days	1 Feb '22	2 Mar '22	5 days	253SS-25 days,295	297
297		3.4.6.10	Level 10	25 days	9 Mar '22	7 Apr '22	13 days	254SS-25 days,296	298
298		3.4.6.11	Level 11	12 days	23 Apr '22	9 May '22	10 days	255SS-25 days,297	299



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

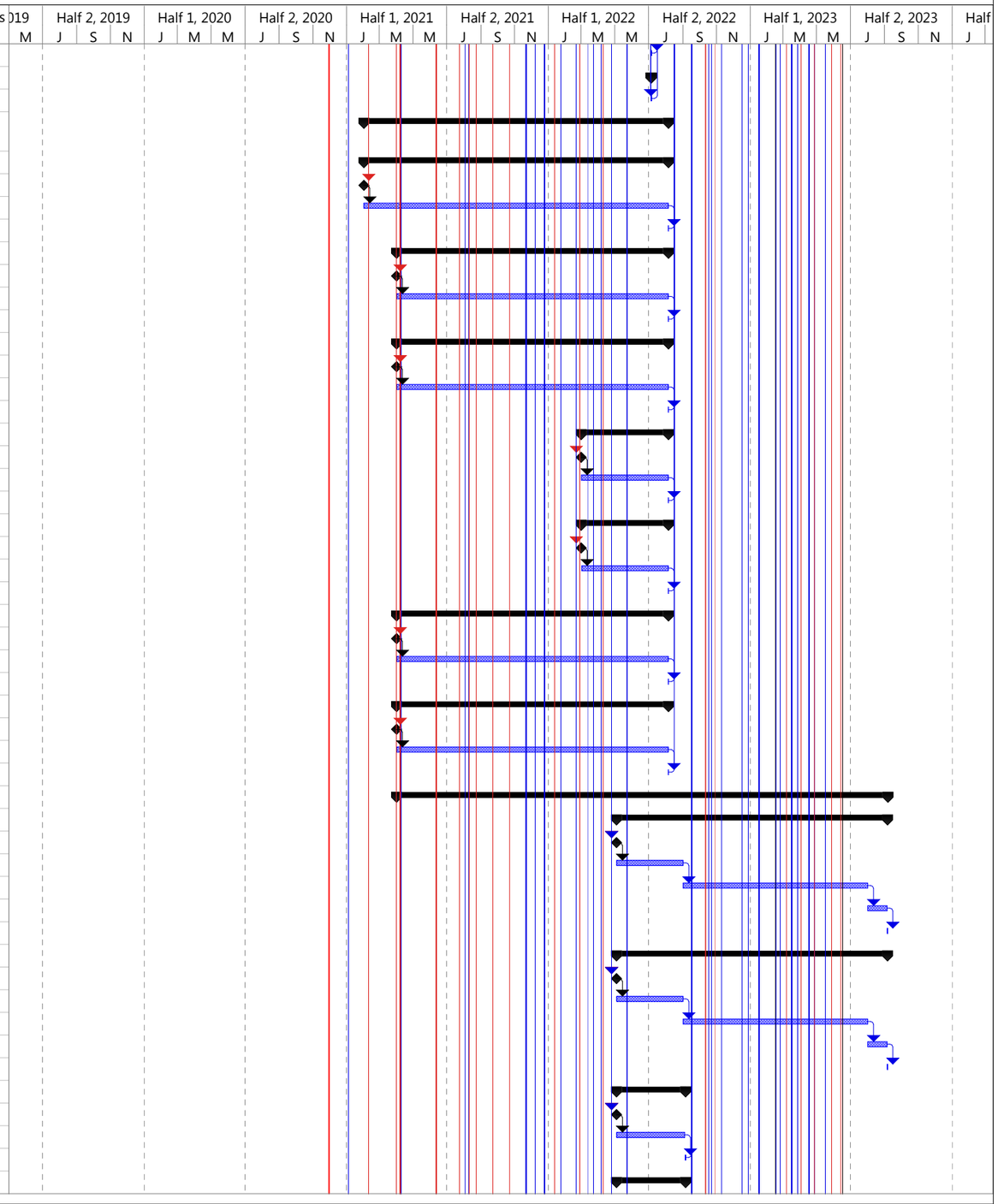
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
299		3.4.6.12	Level 12	12 days	23 May '22	4 Jun '22	220 days	256SS-25 days,298	1227
300		3.4.6.13	Basement 1	12 days	9 Mar '22	22 Mar '22	0 days	244SS-25 days	302
301		3.4.6.14	Basement 2	12 days	28 Oct '21	11 Nov '21	109 days	260SS-25 days	302
302		3.4.6.15	Basement 3	12 days	23 Mar '22	6 Apr '22	268 days	261SS-25 days,301	1227
303		**3.4.7**	**Aerated Autoclaved Concrete (AAC)**	**319 days**	**16 Aug '21**	**2 Sep '22**	**145 days**		
304		**3.4.7.1**	**Installation**	**319 days**	**16 Aug '21**	**2 Sep '22**	**145 days**		
305		3.4.7.1.1	Level 1	10 days	23 Jun '22	4 Jul '22	195 days	245SS+12 days	1227
306		3.4.7.1.2	Level 2	10 days	23 Aug '22	2 Sep '22	145 days	246SS+12 days	1227
307		3.4.7.1.3	Level 3	10 days	16 Aug '21	26 Aug '21	454 days	247SS+12 days	1227
308		3.4.7.1.4	Level 4	10 days	16 Sep '21	27 Sep '21	427 days	248SS+12 days	1227
309		3.4.7.1.5	Level 5	10 days	15 Oct '21	26 Oct '21	402 days	249SS+12 days	1227
310		3.4.7.1.6	Level 6	10 days	15 Nov '21	25 Nov '21	377 days	250SS+12 days	1227
311		3.4.7.1.7	Level 7	10 days	13 Jan '22	24 Jan '22	328 days	251SS+12 days	1227
312		3.4.7.1.8	Level 8	10 days	16 Feb '22	26 Feb '22	300 days	252SS+12 days	1227
313		3.4.7.1.9	Level 9	10 days	17 Mar '22	28 Mar '22	275 days	253SS+12 days	1227
314		3.4.7.1.10	Level 10	10 days	22 Apr '22	5 May '22	245 days	254SS+12 days	1227
315		3.4.7.1.11	Level 11	10 days	9 Jun '22	20 Jun '22	207 days	255SS+12 days	1227
316		3.4.7.1.12	Level 12	10 days	5 Jul '22	16 Jul '22	185 days	256SS+12 days	1227
317		3.4.7.1.13	Basement 1	10 days	22 Apr '22	5 May '22	245 days	244SS+12 days	1227
318		3.4.7.1.14	Basement 2	10 days	11 Dec '21	22 Dec '21	354 days	260SS+12 days	1227
319		3.4.7.1.15	Basement 3	10 days	15 Apr '22	26 Apr '22	251 days	261SS+12 days	1227
320		3.4.7.1.16	Basement 4	10 days	16 Aug '22	26 Aug '22	151 days	262SS+12 days	1227
321		**3.5**	**Tower Crane Dismantle**	**127 days**	**2 Jul '22**	**30 Nov '22**	**20 days**		
322		**3.5.1**	**TC-1**	**77 days**	**2 Jul '22**	**1 Oct '22**	**42 days**		
323		3.5.1.1	TC-1 Dismantle	28 days	2 Jul '22	4 Aug '22	0 days	169FS+50 days	324,327
324		3.5.1.2	B1 - TC Base Hack	21 days	5 Aug '22	30 Aug '22	0 days	323	325
325		3.5.1.3	L1 - L4 : TC Cast back	28 days	31 Aug '22	1 Oct '22	70 days	324	258
326		**3.5.2**	**TC-3**	**77 days**	**1 Sep '22**	**30 Nov '22**	**20 days**		
327		3.5.2.1	TC-3 Dismantle	28 days	1 Sep '22	3 Oct '22	0 days	323,183	328,331SS
328		3.5.2.2	B1 - TC Base Hack	21 days	4 Oct '22	28 Oct '22	0 days	327	329
329		3.5.2.2	L1 - L6 : TC Cast back	28 days	29 Oct '22	30 Nov '22	20 days	328	258
330		**3.5.3**	**TC-2**	**77 days**	**1 Sep '22**	**30 Nov '22**	**20 days**		
331		3.5.3.1	TC-2 Dismantle	28 days	1 Sep '22	3 Oct '22	0 days	327SS,183	332
332		3.5.3.2	B1 - TC Base Hack	21 days	4 Oct '22	28 Oct '22	0 days	331	333
333		3.5.3.3	L1 - L6 : TC Cast Back	28 days	29 Oct '22	30 Nov '22	20 days	332	258
334		**3.7**	**Riser / Shaft Works**	**356 days**	**1 Jun '21**	**2 Aug '22**	**171 days**		
335		3.7.1	M&E Works	356 days	1 Jun '21	2 Aug '22	171 days	120	1227
336		**3.8**	**Early Completion Rooms**	**819 days**	**23 Dec '20**	**6 Sep '23**	**66 days**		
337		**3.8.1**	**SPPG Substation with Lead-In Pipe**	**357 days**	**1 Feb '21**	**6 Apr '22**	**267 days**		
338		**3.8.1.1**	**Lead In Pipe - L1**	**357 days**	**1 Feb '21**	**6 Apr '22**	**267 days**		
339		3.8.1.1.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	1 day	118	340
340		3.8.1.1.2	M&E Works	355 days	2 Feb '21	5 Apr '22	0 days	339	341
341		3.8.1.1.3	Handover	1 day	6 Apr '22	6 Apr '22	0 days	340	352,6
342		**3.8.1.2**	**22KV Powergrid Substation**	**357 days**	**1 Feb '21**	**6 Apr '22**	**267 days**		
343		3.8.1.2.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	1 day	118	344
344		3.8.1.2.2	M&E Works	355 days	2 Feb '21	5 Apr '22	0 days	343	345
345		3.8.1.2.2	Handover	1 day	6 Apr '22	6 Apr '22	0 days	344	352,6
346		**3.8.2**	**HT Consumer Switchroom**	**431 days**	**1 Feb '21**	**5 Jul '22**	**194 days**		
347		**3.8.2.1**	**22KV Main Consumer Substation - L1**	**431 days**	**1 Feb '21**	**5 Jul '22**	**194 days**		
348		3.8.2.1.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	1 day	118	349
349		3.8.2.1.1	M&E Works	429 days	2 Feb '21	4 Jul '22	0 days	348	350



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

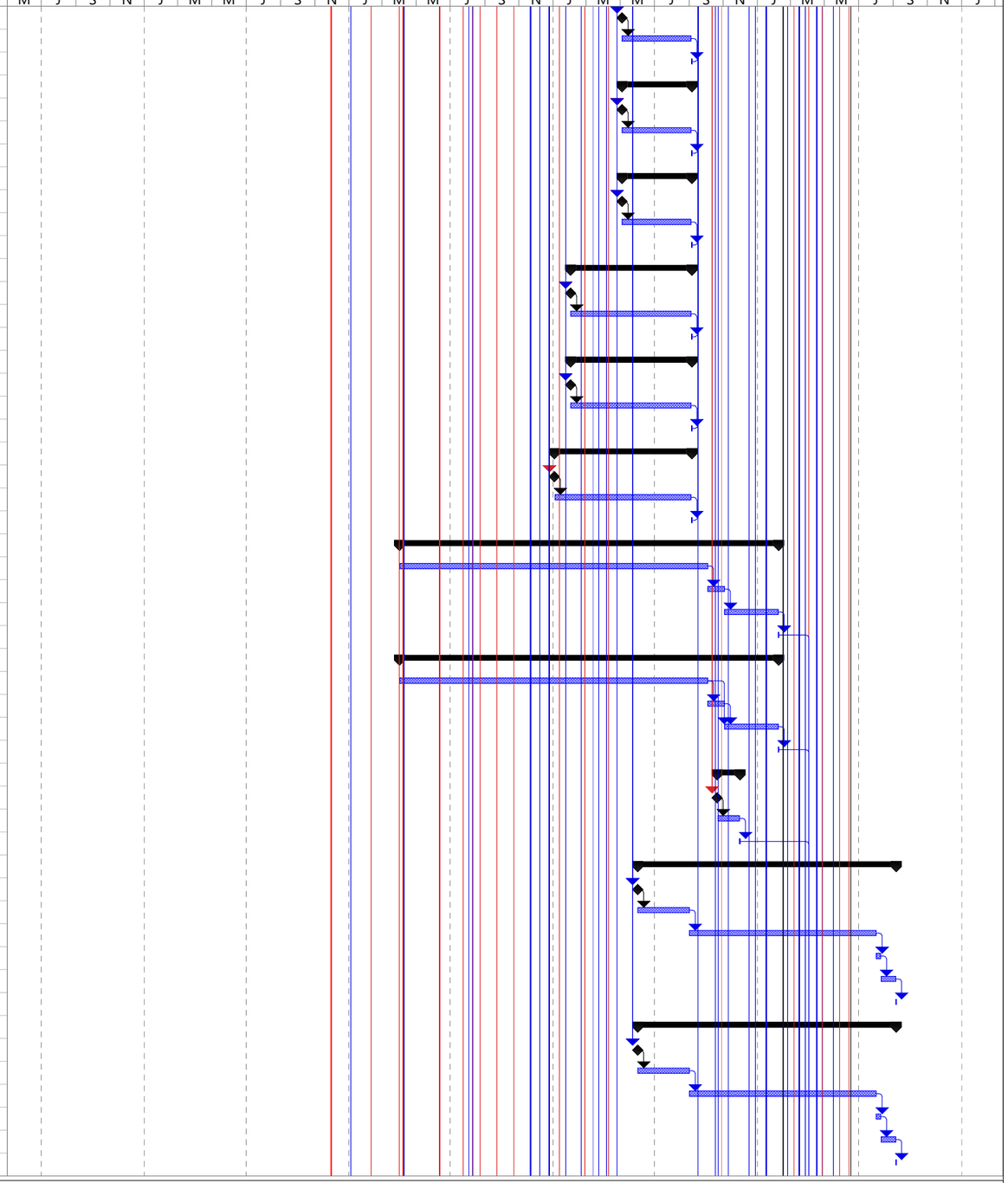
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
350		3.8.2.1.1	Handover	1 day	5 Jul '22	5 Jul '22	0 days	349	8
351		**3.8.3**	**SPPG Turn On - L1**	**1 day**	**5 Jul '22**	**5 Jul '22**	**194 days**		
352		3.8.3.1	SPPG Turn On	1 day	5 Jul '22	5 Jul '22	0 days	341,345	9
353		**3.8.4**	**Transformer / Genset Rooms / MSB / LT Switchroom**	**457 days**	**1 Feb '21**	**5 Aug '22**	**168 days**		
354		**3.8.4.1**	**Transformer Room - L1**	**457 days**	**1 Feb '21**	**5 Aug '22**	**168 days**		
355		3.8.4.1.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	0 days	118	356
356		3.8.4.1.2	M&E Works	456 days	1 Feb '21	4 Aug '22	0 days	355	357
357		3.8.4.1.3	Handover	1 day	5 Aug '22	5 Aug '22	0 days	356	10
358		**3.8.4.2**	**Transformer Room 1 - L2**	**407 days**	**1 Apr '21**	**5 Aug '22**	**168 days**		
359		3.8.4.2.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	360
360		3.8.4.2.2	M&E Works	406 days	1 Apr '21	4 Aug '22	0 days	359	361
361		3.8.4.2.3	Handover	1 day	5 Aug '22	5 Aug '22	0 days	360	10
362		**3.8.4.3**	**Transformer Room 2 - L2**	**407 days**	**1 Apr '21**	**5 Aug '22**	**168 days**		
363		3.8.4.4	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	364
364		3.8.4.5	M&E Works	406 days	1 Apr '21	4 Aug '22	0 days	363	365
365		3.8.4.6	Handover	1 day	5 Aug '22	5 Aug '22	0 days	364	10
366		**3.8.4.4**	**LV Switch Room 1 - L1**	**131 days**	**1 Mar '22**	**5 Aug '22**	**168 days**		
367		3.8.4.4.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	0 days	118	368
368		3.8.4.4.2	M&E Works	130 days	1 Mar '22	4 Aug '22	0 days	367	369
369		3.8.4.4.3	Handover	1 day	5 Aug '22	5 Aug '22	0 days	368	10
370		**3.8.4.5**	**LV Switch Room 2 - L1**	**131 days**	**1 Mar '22**	**5 Aug '22**	**168 days**		
371		3.8.4.5.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	1 day	118	372
372		3.8.4.5.2	M&E Works	129 days	2 Mar '22	4 Aug '22	0 days	371	373
373		3.8.4.5.3	Handover	1 day	5 Aug '22	5 Aug '22	0 days	372	10
374		**3.8.4.6**	**HT Genset - L2**	**407 days**	**1 Apr '21**	**5 Aug '22**	**168 days**		
375		3.8.4.6.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	376
376		3.8.4.6.2	M&E Works	406 days	1 Apr '21	4 Aug '22	0 days	375	377
377		3.8.4.6.3	Handover	1 day	5 Aug '22	5 Aug '22	0 days	376	10
378		**3.8.4.7**	**LT Genset - L2**	**407 days**	**1 Apr '21**	**5 Aug '22**	**168 days**		
379		3.8.4.8	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	380
380		3.8.4.9	M&E Works	406 days	1 Apr '21	4 Aug '22	0 days	379	381
381		3.8.4.10	Handover	1 day	5 Aug '22	5 Aug '22	0 days	380	10
382		**3.8.5**	**Lift Motor Room / Shaft**	**737 days**	**1 Apr '21**	**6 Sep '23**	**47 days**		
383		**3.8.5.1**	**PL01 - B4-L2, L5-L12, LMR**	**408 days**	**4 May '22**	**5 Sep '23**	**78 days**		
384		3.8.5.1.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	69,119,122,158	385
385		3.8.5.1.2	Installation of Temp. Lift (PL01)	100 days	4 May '22	31 Aug '22	0 days	384	386
386		3.8.5.1.3	Temporary Lift (PL01)	278 days	1 Sep '22	31 Jul '23	0 days	385	387
387		3.8.5.1.4	Dismantle Temporary Lift	29 days	1 Aug '23	4 Sep '23	0 days	386	388
388		3.8.5.1.5	Handover	1 day	5 Sep '23	5 Sep '23	78 days	387	
389		**3.8.5.2**	**PL02 - B4-L2, L5-L12, LMR**	**408 days**	**4 May '22**	**5 Sep '23**	**78 days**		
390		3.8.5.2.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	69,119,122,158	391
391		3.8.5.2	Installation of Temp. Lift (PL02)	100 days	4 May '22	31 Aug '22	0 days	390	392
392		3.8.5.3	Temporary Lift (PL02)	278 days	1 Sep '22	31 Jul '23	0 days	391	393
393		3.8.5.4	Dismantle Temporary Lift	29 days	1 Aug '23	4 Sep '23	0 days	392	394
394		3.8.5.5	Handover	1 day	5 Sep '23	5 Sep '23	78 days	393	
395		**3.8.5.3**	**PL03 - B4-L2, L5-L12, LMR**	**104 days**	**4 May '22**	**5 Sep '22**	**382 days**		
396		3.8.5.3.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	102,119,122,158	397
397		3.8.5.3.2	M&E Works	103 days	4 May '22	3 Sep '22	0 days	396	398
398		3.8.5.3.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	397	7
399		**3.8.5.4**	**PL04 - B4-L2, L5-L12, LMR**	**104 days**	**4 May '22**	**5 Sep '22**	**382 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

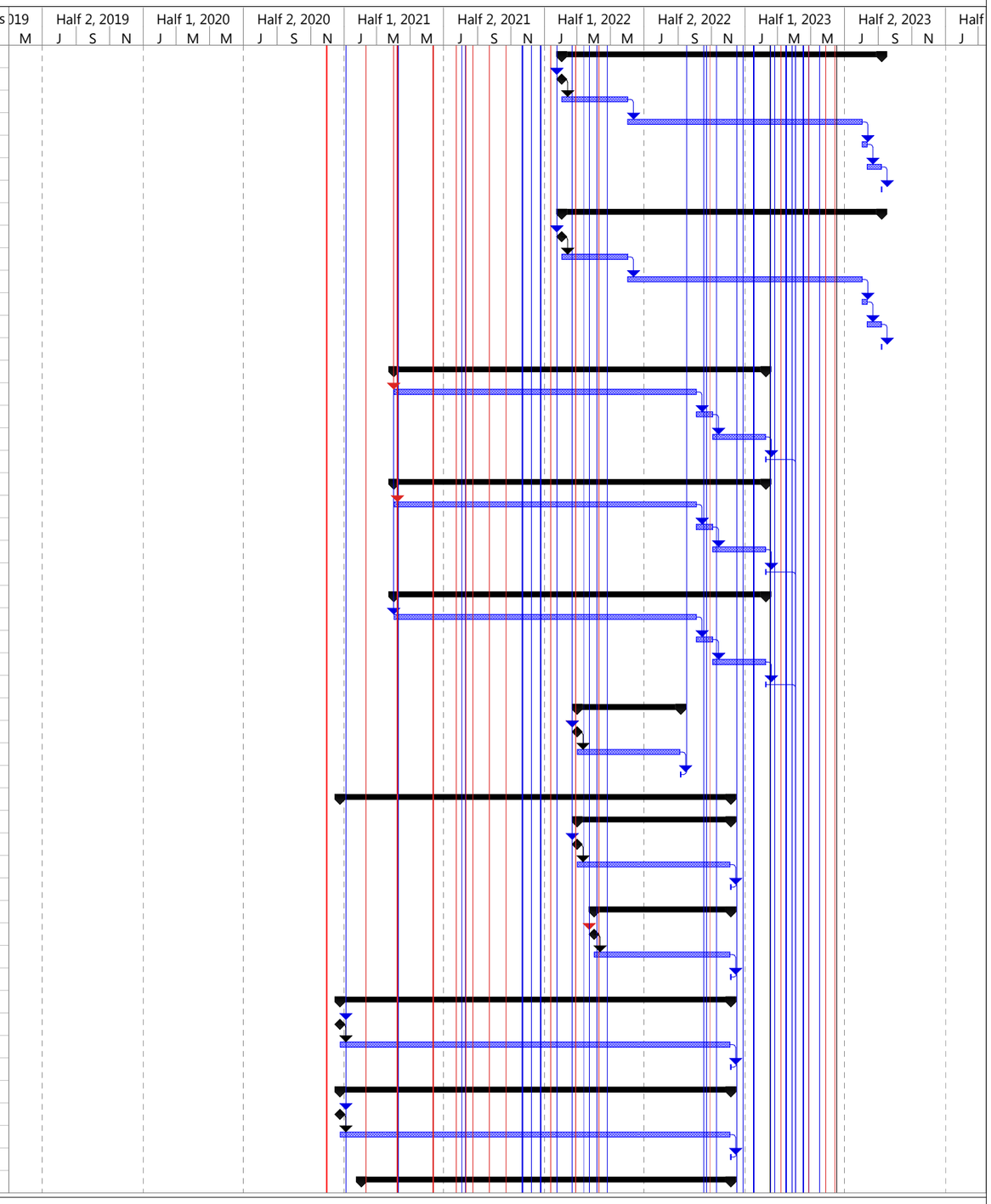
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
400		3.8.5.4.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	102,119,122,158	401
401		3.8.5.4.2	M&E Works	103 days	4 May '22	3 Sep '22	0 days	400	402
402		3.8.5.4.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	401	7
403		**3.8.5.5**	**PL04 - B4-L2, L5-L12, LMR**	**104 days**	**4 May '22**	**5 Sep '22**	**382 days**		
404		3.8.5.5.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	102,119,122,158	405
405		3.8.5.5.2	M&E Works	103 days	4 May '22	3 Sep '22	0 days	404	406
406		3.8.5.5.2	Handover	1 day	5 Sep '22	5 Sep '22	0 days	405	7
407		**3.8.5.6**	**PL05 - B4-L2, L5-L12, LMR**	**104 days**	**4 May '22**	**5 Sep '22**	**382 days**		
408		3.8.5.6.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	102,119,122,158	409
409		3.8.5.6.2	M&E Works	103 days	4 May '22	3 Sep '22	0 days	408	410
410		3.8.5.6.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	409	7
411		**3.8.5.7**	**PL06 - L1-L2, L5-L9, LMR**	**179 days**	**1 Feb '22**	**5 Sep '22**	**382 days**		
412		3.8.5.7.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	118,119,122,140	413
413		3.8.5.7.2	M&E Works	178 days	1 Feb '22	3 Sep '22	0 days	412	414
414		3.8.5.7.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	413	7
415		**3.8.5.8**	**PL07 - L1-L2, L5-L9, LMR**	**179 days**	**1 Feb '22**	**5 Sep '22**	**382 days**		
416		3.8.5.8.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	118,119,122,140	417
417		3.8.5.8.2	M&E Works	178 days	1 Feb '22	3 Sep '22	0 days	416	418
418		3.8.5.8.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	417	7
419		**3.8.5.9**	**PL08 - B4-B2, L1, LMR**	**204 days**	**3 Jan '22**	**5 Sep '22**	**382 days**		
420		3.8.5.9.1	Structural Clearance	0 days	3 Jan '22	3 Jan '22	1 day	73,102,118	421
421		3.8.5.9.2	M&E Works	202 days	4 Jan '22	3 Sep '22	0 days	420	422
422		3.8.5.9.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	421	7
423		**3.8.5.10**	**PL09 - B4-L5, Motor Room Less**	**561 days**	**1 Apr '21**	**7 Feb '23**	**47 days**		
424		3.8.5.10.1	Alimak Operation (PL09)	456 days	1 Apr '21	3 Oct '22	0 days		425
425		3.8.5.10.2	Dismantle Alimak (PL09)	25 days	4 Oct '22	2 Nov '22	0 days	424	426
426		3.8.5.10.3	M&E Works	79 days	3 Nov '22	6 Feb '23	0 days	425	427
427		3.8.5.10.4	Handover	1 day	7 Feb '23	7 Feb '23	47 days	426	1235
428		**3.8.5.11**	**PL10 - B4-L5, Motor Room Less**	**561 days**	**1 Apr '21**	**7 Feb '23**	**47 days**		
429		3.8.5.11.1	Alimak Operation (PL10)	456 days	1 Apr '21	3 Oct '22	0 days		430,431
430		3.8.5.11.2	Dismantle Alimak (PL10)	25 days	4 Oct '22	2 Nov '22	0 days	429	431
431		3.8.5.11.3	M&E Works	79 days	3 Nov '22	6 Feb '23	0 days	429,430	432
432		3.8.5.11.4	Handover	1 day	7 Feb '23	7 Feb '23	47 days	431	1235
433		**3.8.5.12**	**PL11 - L2-L3, Motor Room Less**	**34 days**	**21 Oct '22**	**30 Nov '22**	**103 days**		
434		3.8.5.12.1	Structural Clearance	0 days	21 Oct '22	21 Oct '22	1 day	119,120	435
435		3.8.5.12.2	M&E Works	32 days	22 Oct '22	29 Nov '22	0 days	434	436
436		3.8.5.12.3	Handover	1 day	30 Nov '22	30 Nov '22	103 days	435	1235
437		**3.8.5.13**	**FL01 - B4-LR, LMR**	**385 days**	**1 Jun '22**	**5 Sep '23**	**78 days**		
438		3.8.5.13.1	Structural Clearance	0 days	1 Jun '22	1 Jun '22	0 days	102,164	439
439		3.8.5.13.2	Installation of Lift (FL01)	77 days	1 Jun '22	31 Aug '22	0 days	438	440
440		3.8.5.13.3	Temp. Lift Operation (FL01)	278 days	1 Sep '22	31 Jul '23	0 days	439	441
441		3.8.5.13.4	Dismantle Temp. Lift	7 days	1 Aug '23	8 Aug '23	0 days	440	442
442		3.8.5.13.5	M&E Works	22 days	10 Aug '23	4 Sep '23	0 days	441	443
443		3.8.5.13.6	Handover	1 day	5 Sep '23	5 Sep '23	78 days	442	
444		**3.8.5.14**	**FL02 - B4-LR, LMR**	**385 days**	**1 Jun '22**	**5 Sep '23**	**78 days**		
445		3.8.5.14.1	Structural Clearance	0 days	1 Jun '22	1 Jun '22	0 days	102,164	446
446		3.8.5.14.2	Installation of Lift (FL02)	77 days	1 Jun '22	31 Aug '22	0 days	445	447
447		3.8.5.14.3	Temp. Lift Operation (FL02)	278 days	1 Sep '22	31 Jul '23	0 days	446	448
448		3.8.5.14.4	Dismantle Temp. Lift	7 days	1 Aug '23	8 Aug '23	0 days	447	449
449		3.8.5.14.5	M&E Works	22 days	10 Aug '23	4 Sep '23	0 days	448	450
450		3.8.5.14.6	Handover	1 day	5 Sep '23	5 Sep '23	78 days	449	



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

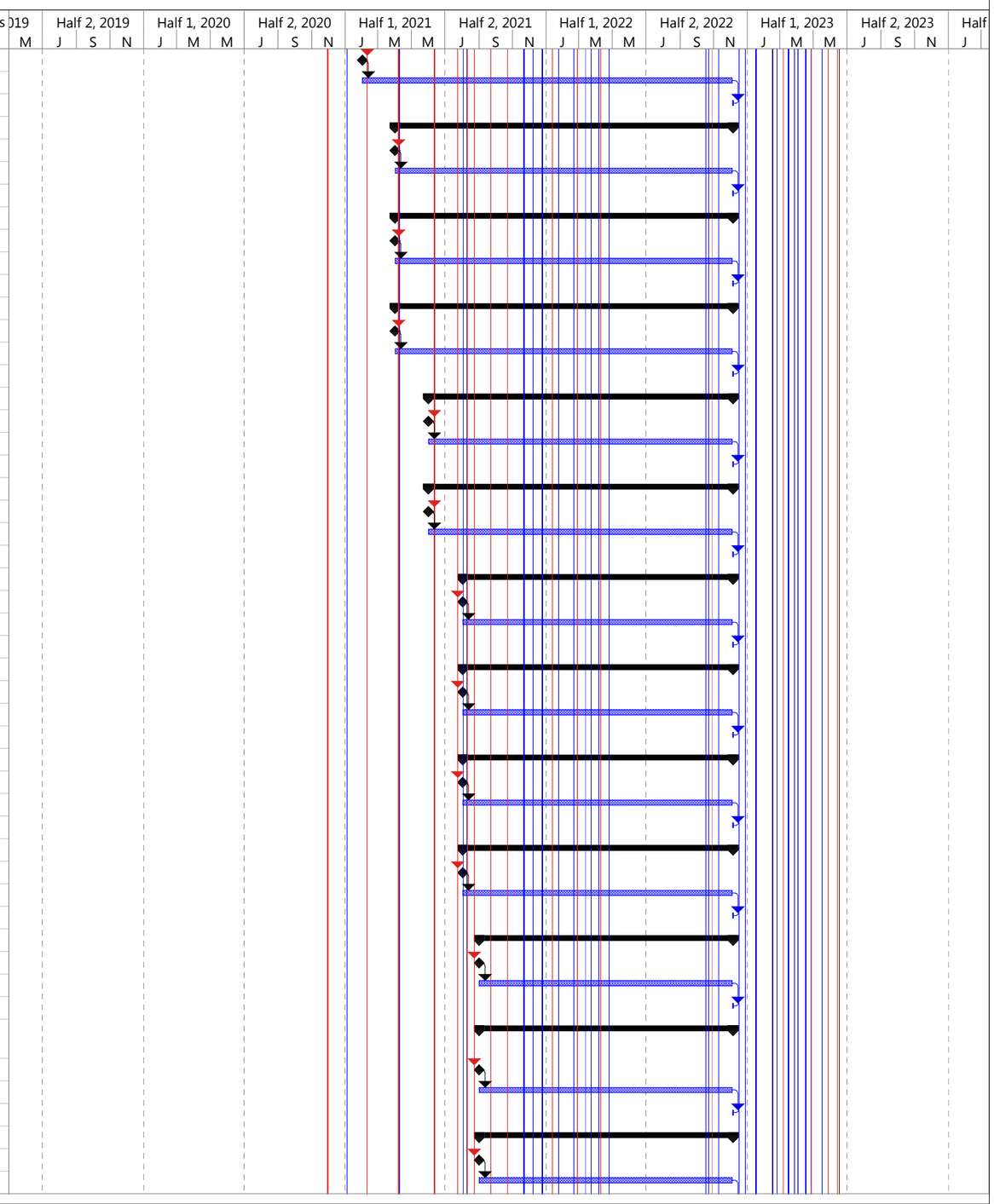
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
451		**3.8.5.15**	**SL03 - B1-L9, LMR**	**484 days**	**1 Feb '22**	**6 Sep '23**	**77 days**		
452		3.8.5.15.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	69,140	453
453		3.8.5.15.2	Installation of Lift (SL03)	98 days	1 Feb '22	31 May '22	0 days	452	454
454		3.8.5.15.3	Temp. Lift Operation (SL03)	356 days	1 Jun '22	1 Aug '23	0 days	453	455
455		3.8.5.15.4	Dismantle Temp. Lift	7 days	2 Aug '23	10 Aug '23	0 days	454	456
456		3.8.5.15.5	M&E Works	22 days	11 Aug '23	5 Sep '23	0 days	455	457
457		3.8.5.15.6	Handover	1 day	6 Sep '23	6 Sep '23	77 days	456	
458		**3.8.5.16**	**SL04 - B1-L9, LMR**	**484 days**	**1 Feb '22**	**6 Sep '23**	**77 days**		
459		3.8.5.16.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	69,140	460
460		3.8.5.16.2	Installation of Lift (SL04)	98 days	1 Feb '22	31 May '22	0 days	459	461
461		3.8.5.16.3	Temp. Lift Operation (SL04)	356 days	1 Jun '22	1 Aug '23	0 days	460	462
462		3.8.5.16.4	Dismantle Temp. Lift	7 days	2 Aug '23	10 Aug '23	0 days	461	463
463		3.8.5.16.5	M&E Works	22 days	11 Aug '23	5 Sep '23	0 days	462	464
464		3.8.5.16.6	Handover	1 day	6 Sep '23	6 Sep '23	77 days	463	
465		**3.8.5.17**	**BL01 - L1-L10, LMR**	**561 days**	**1 Apr '21**	**7 Feb '23**	**47 days**		
466		3.8.5.17.1	Alimak Operation (BL01)	456 days	1 Apr '21	3 Oct '22	0 days	118	467
467		3.8.5.17.2	Dismantle Alimak (BL01)	25 days	4 Oct '22	2 Nov '22	0 days	466	468
468		3.8.5.17.3	M&E Works	79 days	3 Nov '22	6 Feb '23	0 days	467	469
469		3.8.5.17.4	Handover	1 day	7 Feb '23	7 Feb '23	47 days	468	1235
470		**3.8.5.18**	**BL02 - L1-L9, LMR**	**561 days**	**1 Apr '21**	**7 Feb '23**	**47 days**		
471		3.8.5.18.1	Alimak Operation (BL02)	456 days	1 Apr '21	3 Oct '22	0 days	119	472
472		3.8.5.18.2	Dismantle Alimak (BL02)	25 days	4 Oct '22	2 Nov '22	0 days	471	473
473		3.8.5.18.3	M&E Works	79 days	3 Nov '22	6 Feb '23	0 days	472	474
474		3.8.5.18.4	Handover	1 day	7 Feb '23	7 Feb '23	47 days	473	1235
475		**3.8.5.18.5**	**BL03 - B1-L9, LMR**	**561 days**	**1 Apr '21**	**7 Feb '23**	**47 days**		
476		3.8.5.18.6	Alimak Operation (BL03)	456 days	1 Apr '21	3 Oct '22	0 days	69	477
477		3.8.5.18.7	Dismantle Alimak (BL03)	25 days	4 Oct '22	2 Nov '22	0 days	476	478
478		3.8.5.18.8	M&E Works	79 days	3 Nov '22	6 Feb '23	0 days	477	479
479		3.8.5.18.9	Handover	1 day	7 Feb '23	7 Feb '23	47 days	478	1235
480		**3.8.5.19**	**BL04 - L2-L10, LMR**	**156 days**	**1 Mar '22**	**5 Sep '22**	**382 days**		
481		3.8.5.19.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	0 days	119,146	482
482		3.8.5.19.2	M&E Works	155 days	1 Mar '22	3 Sep '22	0 days	481	483
483		3.8.5.19.3	Handover	1 day	5 Sep '22	5 Sep '22	0 days	482	7
484		**3.8.6**	**AHU Rooms and ACMV Works**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
485		**3.8.6.1**	**Campus Utilities Plant - B1**	**233 days**	**1 Mar '22**	**5 Dec '22**	**66 days**		
486		3.8.6.1.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	0 days	69	487
487		3.8.6.1.2	M&E Works	232 days	1 Mar '22	3 Dec '22	0 days	486	488
488		3.8.6.1.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	487	11
489		**3.8.6.2**	**Chiller Plant Room - L2**	**206 days**	**1 Apr '22**	**5 Dec '22**	**66 days**		
490		3.8.6.2.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	119	491
491		3.8.6.2.2	M&E Works	205 days	1 Apr '22	3 Dec '22	0 days	490	492
492		3.8.6.2.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	491	11
493		**3.8.6.3**	**AHU Room - AHU-B1-01 & PAHU-B1-01**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
494		3.8.6.3.1	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	495
495		3.8.6.3.2	M&E Works	590 days	24 Dec '20	3 Dec '22	0 days	494	496
496		3.8.6.3.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	495	11
497		**3.8.6.4**	**ES AHU Room - AHU-B1-02**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
498		3.8.6.3.4	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	499
499		3.8.6.3.5	M&E Works	590 days	24 Dec '20	3 Dec '22	0 days	498	500
500		3.8.6.3.6	Handover	1 day	5 Dec '22	5 Dec '22	0 days	499	11
501		**3.8.6.5**	**AHU Room - AHU-L1-01 & AHU-L1-02**	**559 days**	**1 Feb '21**	**5 Dec '22**	**66 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

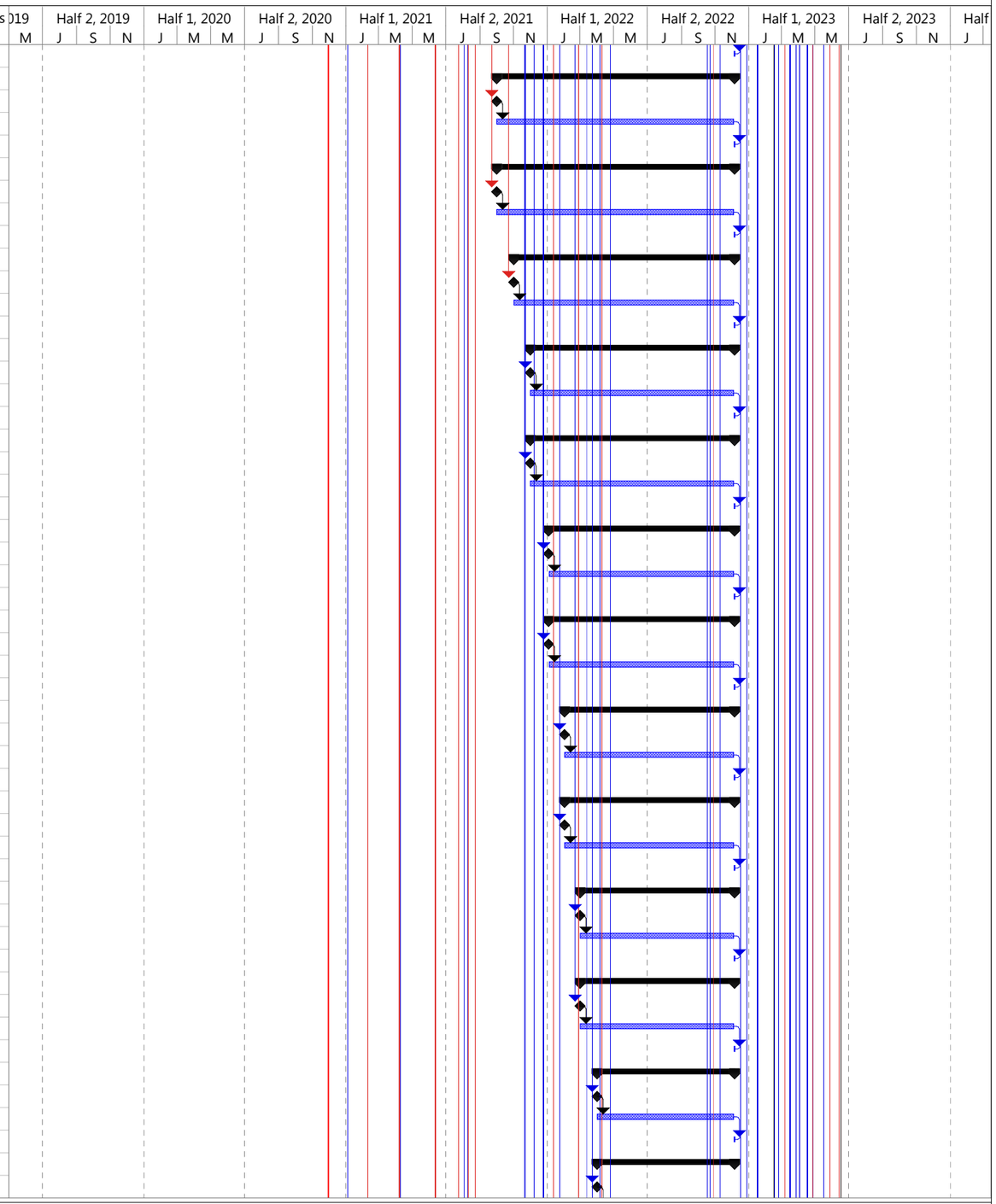
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
502		3.8.6.5.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	0 days	118	503
503		3.8.6.5.2	M&E Works	558 days	1 Feb '21	3 Dec '22	0 days	502	504
504		3.8.6.5.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	503	11
505		**3.8.6.6**	**AHU Room - AHU-L2-01A & AHU-L2-01B**	**509 days**	**1 Apr '21**	**5 Dec '22**	**66 days**		
506		3.8.6.6.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	507
507		3.8.6.6.2	M&E Works	508 days	1 Apr '21	3 Dec '22	0 days	506	508
508		3.8.6.6.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	507	11
509		**3.8.6.7**	**AHU Room - AHU-L2-02A & AHU-L2-02B**	**509 days**	**1 Apr '21**	**5 Dec '22**	**66 days**		
510		3.8.6.7.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	511
511		3.8.6.8.2	M&E Works	508 days	1 Apr '21	3 Dec '22	0 days	510	512
512		3.8.6.8.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	511	11
513		**3.8.6.8**	**AHU Room - AHU-L2-03A & AHU-L2-03B**	**509 days**	**1 Apr '21**	**5 Dec '22**	**66 days**		
514		3.8.6.8.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	515
515		3.8.6.8.2	M&E Works	508 days	1 Apr '21	3 Dec '22	0 days	514	516
516		3.8.6.8.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	515	11
517		**3.8.6.9**	**AHU Room - AHU-L3-01A & AHU-L3-01B**	**461 days**	**1 Jun '21**	**5 Dec '22**	**66 days**		
518		3.8.6.9.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	519
519		3.8.6.9.2	M&E Works	460 days	1 Jun '21	3 Dec '22	0 days	518	520
520		3.8.6.9.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	519	11
521		**3.8.6.10**	**AHU Room - AHU-L3-02**	**461 days**	**1 Jun '21**	**5 Dec '22**	**66 days**		
522		3.8.7.10.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	523
523		3.8.7.10.2	M&E Works	460 days	1 Jun '21	3 Dec '22	0 days	522	524
524		3.8.7.10.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	523	11
525		**3.8.6.11**	**AHU Room - AHU-L4-01**	**409 days**	**2 Aug '21**	**5 Dec '22**	**66 days**		
526		3.8.7.11.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	527
527		3.8.7.11.2	M&E Works	408 days	2 Aug '21	3 Dec '22	0 days	526	528
528		3.8.7.11.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	527	11
529		**3.8.6.12**	**AHU Room - AHU-L4-02**	**409 days**	**2 Aug '21**	**5 Dec '22**	**66 days**		
530		3.8.6.13	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	531
531		3.8.6.14	M&E Works	408 days	2 Aug '21	3 Dec '22	0 days	530	532
532		3.8.6.15	Handover	1 day	5 Dec '22	5 Dec '22	0 days	531	11
533		**3.8.6.13**	**AHU Room - AHU-L4-03 & AHU-L4-04**	**409 days**	**2 Aug '21**	**5 Dec '22**	**66 days**		
534		3.8.6.14	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	535
535		3.8.6.15	M&E Works	408 days	2 Aug '21	3 Dec '22	0 days	534	536
536		3.8.6.16	Handover	1 day	5 Dec '22	5 Dec '22	0 days	535	11
537		**3.8.6.14**	**RC Flat Roof, External - AHU-L4-05, Extern**	**409 days**	**2 Aug '21**	**5 Dec '22**	**66 days**		
538		3.8.6.14.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	539
539		3.8.6.14.2	M&E Works	408 days	2 Aug '21	3 Dec '22	0 days	538	540
540		3.8.6.14.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	539	11
541		**3.8.6.15**	**AHU Room - AHU-L5-01A & AHU-L5-01B**	**384 days**	**1 Sep '21**	**5 Dec '22**	**66 days**		
542		3.8.6.15.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	543
543		3.8.6.15.2	M&E Works	383 days	1 Sep '21	3 Dec '22	0 days	542	544
544		3.8.6.15.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	543	11
545		**3.8.6.16**	**AHU Room - AHU-L5-02, AHU-L5-04A, AHU-L5-04B**	**384 days**	**1 Sep '21**	**5 Dec '22**	**66 days**		
546		3.8.6.16.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	547
547		3.8.6.16.2	M&E Works	383 days	1 Sep '21	3 Dec '22	0 days	546	548
548		3.8.6.16.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	547	11
549		**3.8.6.17**	**AHU Room - AHU-L5-03**	**384 days**	**1 Sep '21**	**5 Dec '22**	**66 days**		
550		3.8.6.17.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	551
551		3.8.6.17.2	M&E Works	383 days	1 Sep '21	3 Dec '22	0 days	550	552



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

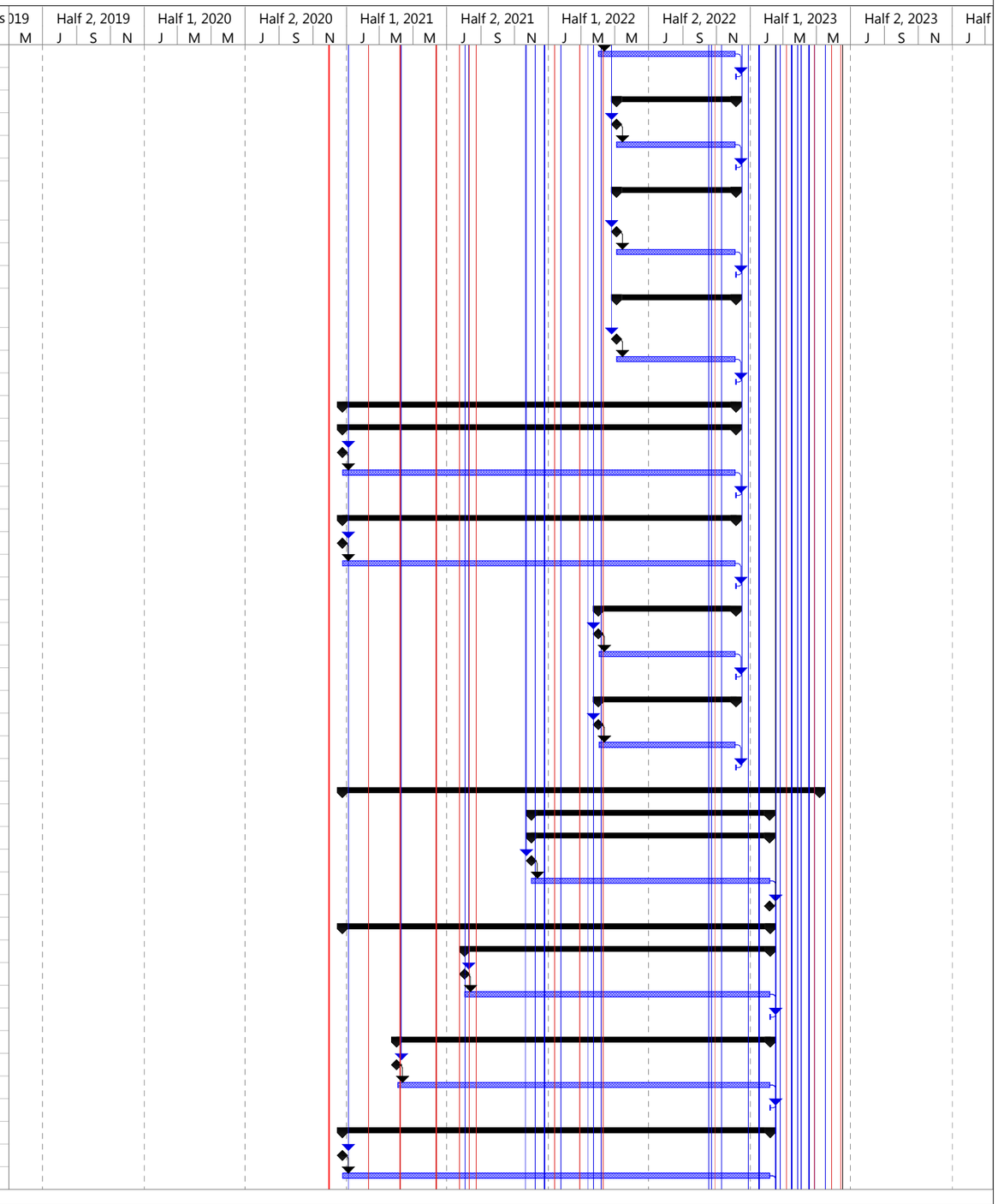
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
552		3.8.6.17.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	551	11
553		**3.8.6.18**	**AHU Room - AHU-L6-01**	**358 days**	**1 Oct '21**	**5 Dec '22**	**66 days**		
554		3.8.6.18.1	Structural Clearance	0 days	1 Oct '21	1 Oct '21	0 days	123	555
555		3.8.6.18.2	M&E Works	357 days	1 Oct '21	3 Dec '22	0 days	554	556
556		3.8.6.18.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	555	11
557		**3.8.6.19**	**AHU Room - AHU-L6-01**	**358 days**	**1 Oct '21**	**5 Dec '22**	**66 days**		
558		3.8.6.19.1	Structural Clearance	0 days	1 Oct '21	1 Oct '21	0 days	123	559
559		3.8.6.19.2	M&E Works	357 days	1 Oct '21	3 Dec '22	0 days	558	560
560		3.8.6.19.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	559	11
561		**3.8.6.20**	**AHU Room - AHU-L7-01**	**332 days**	**1 Nov '21**	**5 Dec '22**	**66 days**		
562		3.8.6.20.1	Structural Clearance	0 days	1 Nov '21	1 Nov '21	0 days	128	563
563		3.8.6.20.2	M&E Works	331 days	1 Nov '21	3 Dec '22	0 days	562	564
564		3.8.6.20.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	563	11
565		**3.8.6.21**	**AHU Room - AHU-L8-01**	**307 days**	**1 Dec '21**	**5 Dec '22**	**66 days**		
566		3.8.6.21.1	Structural Clearance	0 days	1 Dec '21	1 Dec '21	0 days	134	567
567		3.8.6.21.2	M&E Works	306 days	1 Dec '21	3 Dec '22	0 days	566	568
568		3.8.6.21.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	567	11
569		**3.8.6.22**	**AHU Room - AHU-L8-02**	**307 days**	**1 Dec '21**	**5 Dec '22**	**66 days**		
570		3.8.6.22.1	Structural Clearance	0 days	1 Dec '21	1 Dec '21	0 days	134	571
571		3.8.6.22.2	M&E Works	306 days	1 Dec '21	3 Dec '22	0 days	570	572
572		3.8.6.22.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	571	11
573		**3.8.6.23**	**AHU Room - AHU-L9-01**	**281 days**	**3 Jan '22**	**5 Dec '22**	**66 days**		
574		3.8.6.23.1	Structural Clearance	0 days	3 Jan '22	3 Jan '22	1 day	140	575
575		3.8.6.23.2	M&E Works	279 days	4 Jan '22	3 Dec '22	0 days	574	576
576		3.8.6.23.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	575	11
577		**3.8.6.24**	**AHU Room - AHU-L9-02**	**281 days**	**3 Jan '22**	**5 Dec '22**	**66 days**		
578		3.8.6.24.1	Structural Clearance	0 days	3 Jan '22	3 Jan '22	1 day	140	579
579		3.8.6.24.2	M&E Works	279 days	4 Jan '22	3 Dec '22	0 days	578	580
580		3.8.6.24.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	579	11
581		**3.8.6.25**	**AHU Room - AHU-L10-01**	**256 days**	**1 Feb '22**	**5 Dec '22**	**66 days**		
582		3.8.6.25.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	583
583		3.8.6.25.2	M&E Works	255 days	1 Feb '22	3 Dec '22	0 days	582	584
584		3.8.6.25.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	583	11
585		**3.8.6.26**	**AHU Room - AHU-L10-02 & AHU-L10-03**	**256 days**	**1 Feb '22**	**5 Dec '22**	**66 days**		
586		3.8.6.26.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	587
587		3.8.6.26.2	M&E Works	255 days	1 Feb '22	3 Dec '22	0 days	586	588
588		3.8.6.26.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	587	11
589		**3.8.6.27**	**AHU Room - AHU-L11-01**	**233 days**	**1 Mar '22**	**5 Dec '22**	**66 days**		
590		3.8.6.27.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	0 days	151	591
591		3.8.6.27.2	M&E Works	232 days	1 Mar '22	3 Dec '22	0 days	590	592
592		3.8.6.27.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	591	11
593		**3.8.6.28**	**AHU Room - AHU-L11-02**	**233 days**	**1 Mar '22**	**5 Dec '22**	**66 days**		
594		3.8.6.28.1	Structural Clearance	0 days	1 Mar '22	1 Mar '22	0 days	151	595
595		3.8.6.28.2	M&E Works	232 days	1 Mar '22	3 Dec '22	0 days	594	596
596		3.8.6.28.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	595	11
597		**3.8.6.29**	**AHU Room - AHU-L12-01**	**206 days**	**1 Apr '22**	**5 Dec '22**	**66 days**		
598		3.8.6.29.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	158	599
599		3.8.6.29.2	M&E Works	205 days	1 Apr '22	3 Dec '22	0 days	598	600
600		3.8.6.29.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	599	11
601		**3.8.6.30**	**AHU Room - AHU-L12-02**	**206 days**	**1 Apr '22**	**5 Dec '22**	**66 days**		
602		3.8.6.30.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	158	603



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

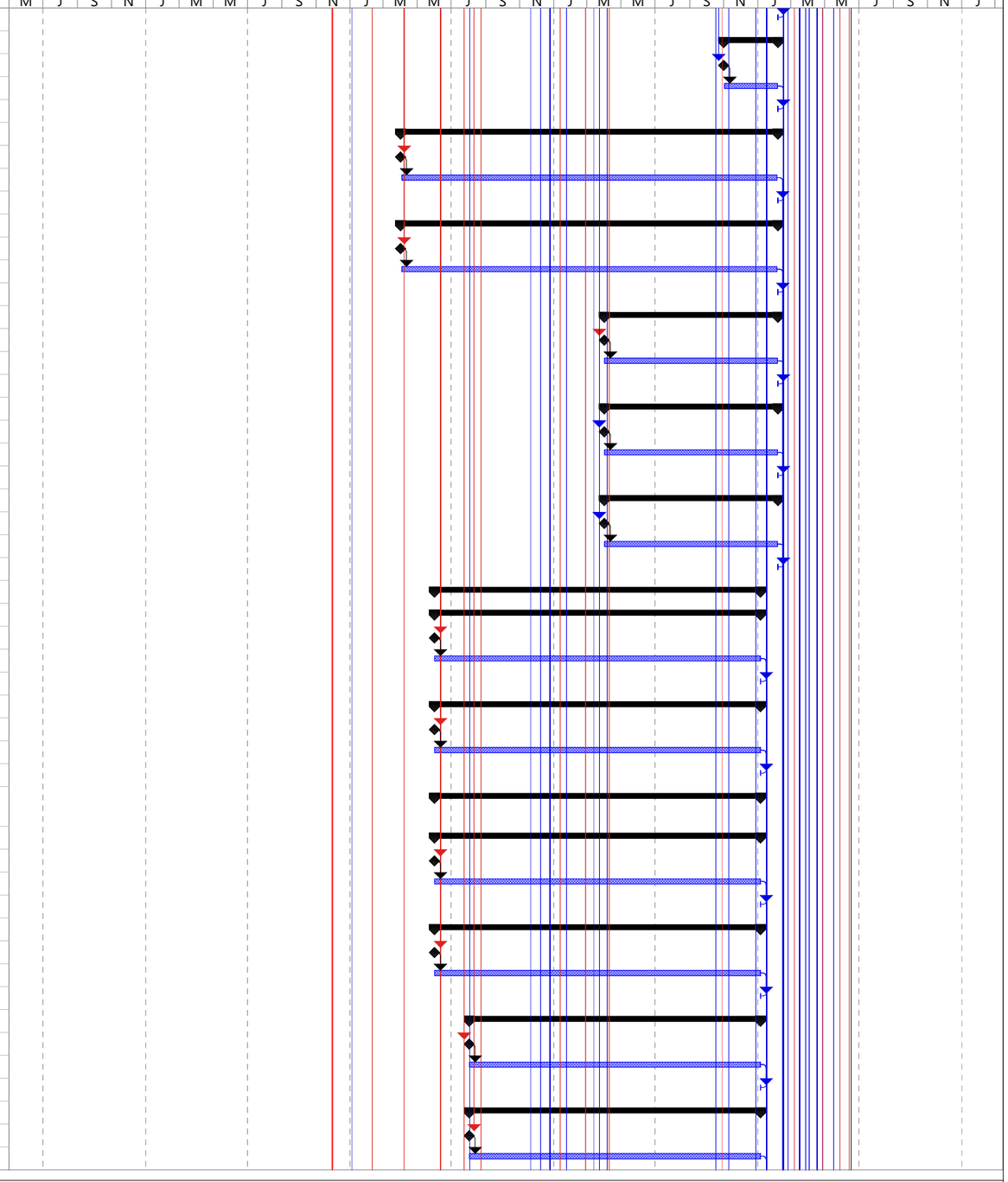
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
603		3.8.6.30.2	M&E Works	205 days	1 Apr '22	3 Dec '22	0 days	602	604
604		3.8.6.30.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	603	11
605		**3.8.6.31**	**RC Flat Roof - AHU-LR-01A, AHU-LR-02B**	**181 days**	**4 May '22**	**5 Dec '22**	**66 days**		
606		3.8.6.31.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	164	607
607		3.8.6.31.2	M&E Works	180 days	4 May '22	3 Dec '22	0 days	606	608
608		3.8.6.31.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	607	11
609		**3.8.6.32**	**RC Flat Roof - PAHU-LR-01A, PAHU-LR-01B, PAHU-LR-01C**	**181 days**	**4 May '22**	**5 Dec '22**	**66 days**		
610		3.8.6.32.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	164	611
611		3.8.6.32.2	M&E Works	180 days	4 May '22	3 Dec '22	0 days	610	612
612		3.8.6.32.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	611	11
613		**3.8.6.33**	**RC Flat Roof - PAHU-LR-02A, PAHU-LR-02B, PAHU-LR-02C**	**181 days**	**4 May '22**	**5 Dec '22**	**66 days**		
614		3.8.6.33.1	Structural Clearance	0 days	4 May '22	4 May '22	0 days	164	615
615		3.8.6.33.2	M&E Works	180 days	4 May '22	3 Dec '22	0 days	614	616
616		3.8.6.33.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	615	11
617		**3.8.7**	**MDF Room / Telecom Riser**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
618		**3.8.7.1**	**MDF Room - B1**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
619		3.8.7.1.1	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	620
620		3.8.7.1.2	M&E Works	590 days	24 Dec '20	3 Dec '22	0 days	619	621
621		3.8.7.1.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	620	12
622		**3.8.7.2**	**PABX Room - B1**	**591 days**	**23 Dec '20**	**5 Dec '22**	**66 days**		
623		3.8.7.2.1	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	624
624		3.8.7.2.2	M&E Works	590 days	24 Dec '20	3 Dec '22	0 days	623	625
625		3.8.7.2.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	624	12
626		**3.8.7.3**	**TEL Riser - B4 - L12**	**206 days**	**1 Apr '22**	**5 Dec '22**	**66 days**		
627		3.8.7.3.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	1 day	158	628
628		3.8.7.3.2	M&E Works	204 days	2 Apr '22	3 Dec '22	0 days	627	629
629		3.8.7.3.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	628	12
630		**3.8.7.4**	**PABX Riser - B4 - L12**	**206 days**	**1 Apr '22**	**5 Dec '22**	**66 days**		
631		3.8.7.4.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	1 day	158	632
632		3.8.7.4.2	M&E Works	204 days	2 Apr '22	3 Dec '22	0 days	631	633
633		3.8.7.4.3	Handover	1 day	5 Dec '22	5 Dec '22	0 days	632	12
634		**3.9**	**Early Access Rooms**	**716 days**	**23 Dec '20**	**5 May '23**	**26 days**		
635		**3.9.1**	**IT Server Room**	**356 days**	**1 Dec '21**	**5 Feb '23**	**77 days**		
636		**3.9.1.1**	**Server Room - L8**	**356 days**	**1 Dec '21**	**5 Feb '23**	**77 days**		
637		3.9.1.1.1	Structural Clearance	0 days	1 Dec '21	1 Dec '21	0 days	134	638
638		3.9.1.1.2	M&E Works	356 days	1 Dec '21	4 Feb '23	0 days	637	639,812
639		3.9.1.1.3	Handover	0 days	5 Feb '23	5 Feb '23	0 days	638	18
640		**3.9.2**	**Wire Centres / LAN Room**	**641 days**	**23 Dec '20**	**5 Feb '23**	**77 days**		
641		**3.9.2.1**	**LAN Room 1 - B3**	**459 days**	**2 Aug '21**	**5 Feb '23**	**77 days**		
642		3.9.2.1.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	89	643
643		3.9.2.1.2	M&E Works	458 days	2 Aug '21	4 Feb '23	0 days	642	644,816
644		3.9.2.1.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	643	19
645		**3.9.2.2**	**LAN Room 1 - B2**	**559 days**	**1 Apr '21**	**5 Feb '23**	**78 days**		
646		3.9.2.2.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	1 day	73	647
647		3.9.2.2.2	M&E Works	557 days	3 Apr '21	4 Feb '23	0 days	646	648,819
648		3.9.2.2.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	647	19
649		**3.9.2.3**	**IHIS Main Network Room / LAN Room - B**	**641 days**	**23 Dec '20**	**5 Feb '23**	**77 days**		
650		3.9.2.3.1	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	651
651		3.9.2.3.2	M&E Works	640 days	24 Dec '20	4 Feb '23	0 days	650	652,822



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

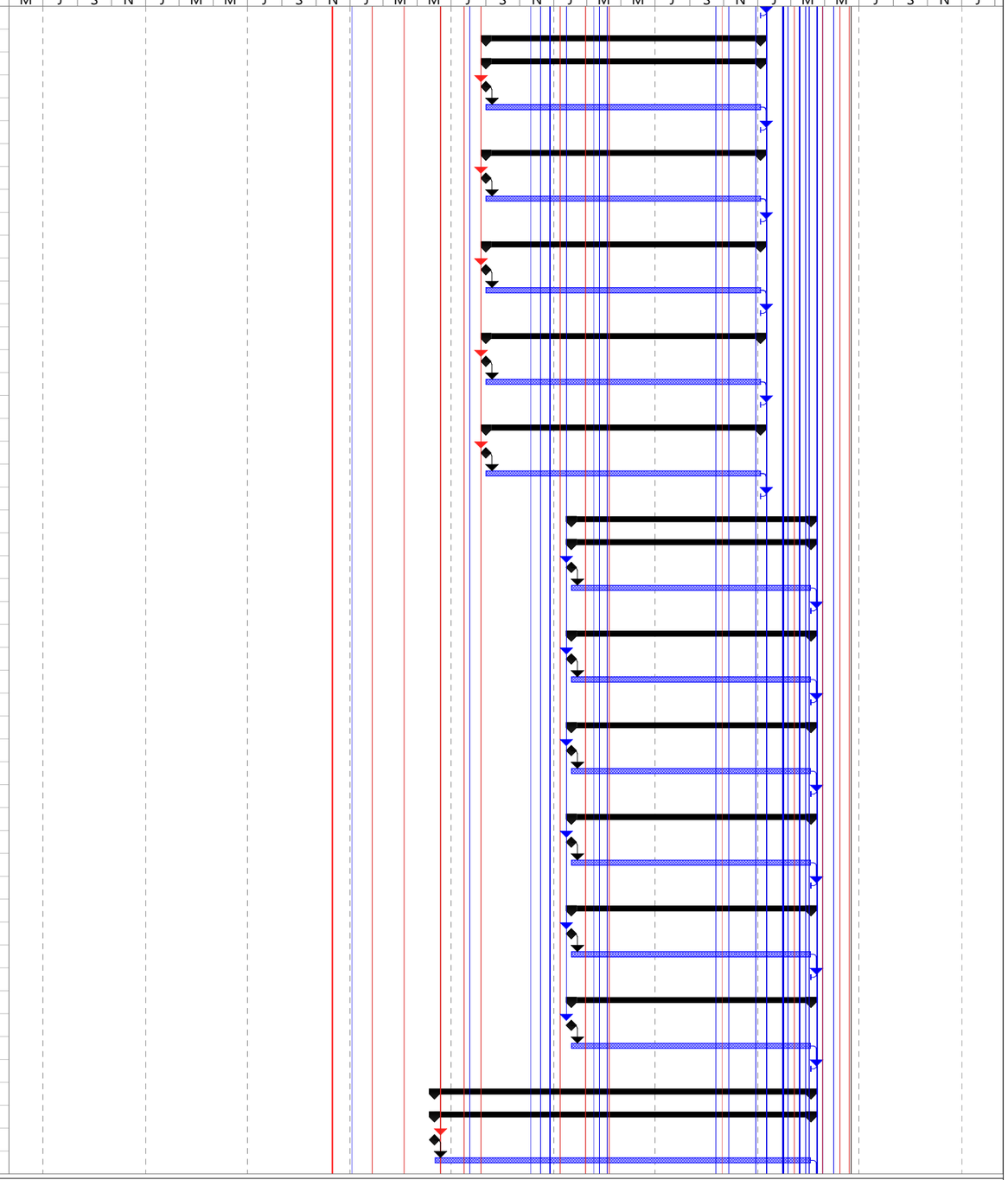
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
652		3.9.2.3.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	651	19
653		**3.9.2.4**	**MAIN LAN Room - L1**	**80 days**	**1 Nov '22**	**5 Feb '23**	**78 days**		
654		3.9.2.4.1	Structural Clearance	0 days	1 Nov '22	1 Nov '22	1 day	69	655
655		3.9.2.4.2	M&E Works	78 days	2 Nov '22	4 Feb '23	0 days	654	656,825
656		3.9.2.4.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	655	19
657		**3.9.2.5**	**LAN Room 1 - L2 (5/G)**	**559 days**	**1 Apr '21**	**5 Feb '23**	**79 days**		
658		3.9.2.5.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	1 day	119	659
659		3.9.2.5.2	M&E Works	556 days	3 Apr '21	3 Feb '23	1 day	658	660,828
660		3.9.2.5.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	659	19
661		**3.9.2.6**	**LAN Room 2 - L2 (9/C)**	**559 days**	**1 Apr '21**	**5 Feb '23**	**79 days**		
662		3.9.2.6.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	1 day	119	663
663		3.9.2.6.2	M&E Works	556 days	3 Apr '21	3 Feb '23	1 day	662	664,831
664		3.9.2.6.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	663	19
665		**3.9.2.7**	**LAN Room 1 - L3-L12 (5/G)**	**256 days**	**1 Apr '22**	**5 Feb '23**	**77 days**		
666		3.9.2.7.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	120	667
667		3.9.2.7.2	M&E Works	255 days	1 Apr '22	4 Feb '23	0 days	666	668,834
668		3.9.2.7.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	667	19
669		**3.9.2.8**	**Data Riser - B4-L12 (5-6/H)**	**256 days**	**1 Apr '22**	**5 Feb '23**	**77 days**		
670		3.9.2.8.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	158,102	671
671		3.9.2.8.2	M&E Works	255 days	1 Apr '22	4 Feb '23	0 days	670	672,837
672		3.9.2.8.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	671	19
673		**3.9.2.9**	**Data Riser - B4-L12 (6-7/G-H)**	**256 days**	**1 Apr '22**	**5 Feb '23**	**77 days**		
674		3.9.2.9.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	158,102	675
675		3.9.2.9.1	M&E Works	255 days	1 Apr '22	4 Feb '23	0 days	674	676,840
676		3.9.2.9.1	Handover	1 day	5 Feb '23	5 Feb '23	0 days	675	19
677		**3.9.3**	**Resuscitation and Trauma**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
678		**3.9.4**	**Resus Room (8 Rooms) - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
679		3.9.4.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	680
680		3.9.4.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	679	681,873
681		3.9.4.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	680	14
682		**3.9.5**	**Trauma Room (4 Rooms) - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
683		3.9.5.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	684
684		3.9.5.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	683	685,876
685		3.9.5.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	684	14
686		**3.9.4**	**DDR - L3 CT Scan, L3 & L4 X-ray, L5 Cath Lab (Angio Suite)**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
687		**3.9.4.1**	**CT Scan - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
688		3.9.4.1.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	689
689		3.9.4.1.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	688	690,844
690		3.9.4.1.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	689	15
691		**3.9.4.2**	**X-Ray - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**41 days**		
692		3.9.4.2.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	693
693		3.9.4.2.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	692	694,847
694		3.9.4.2.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	693	15
695		**3.9.4.3**	**X-Ray - L4**	**434 days**	**2 Aug '21**	**5 Jan '23**	**41 days**		
696		3.9.4.3.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	697
697		3.9.4.3.2	M&E Works	433 days	2 Aug '21	4 Jan '23	0 days	696	698,850
698		3.9.4.3.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	697	15
699		**3.9.4.4**	**Cath Lab (Angio Suite) - L5**	**434 days**	**2 Aug '21**	**5 Jan '23**	**41 days**		
700		3.9.4.4.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	122	701
701		3.9.4.4.2	M&E Works	433 days	2 Aug '21	4 Jan '23	0 days	700	702,853



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

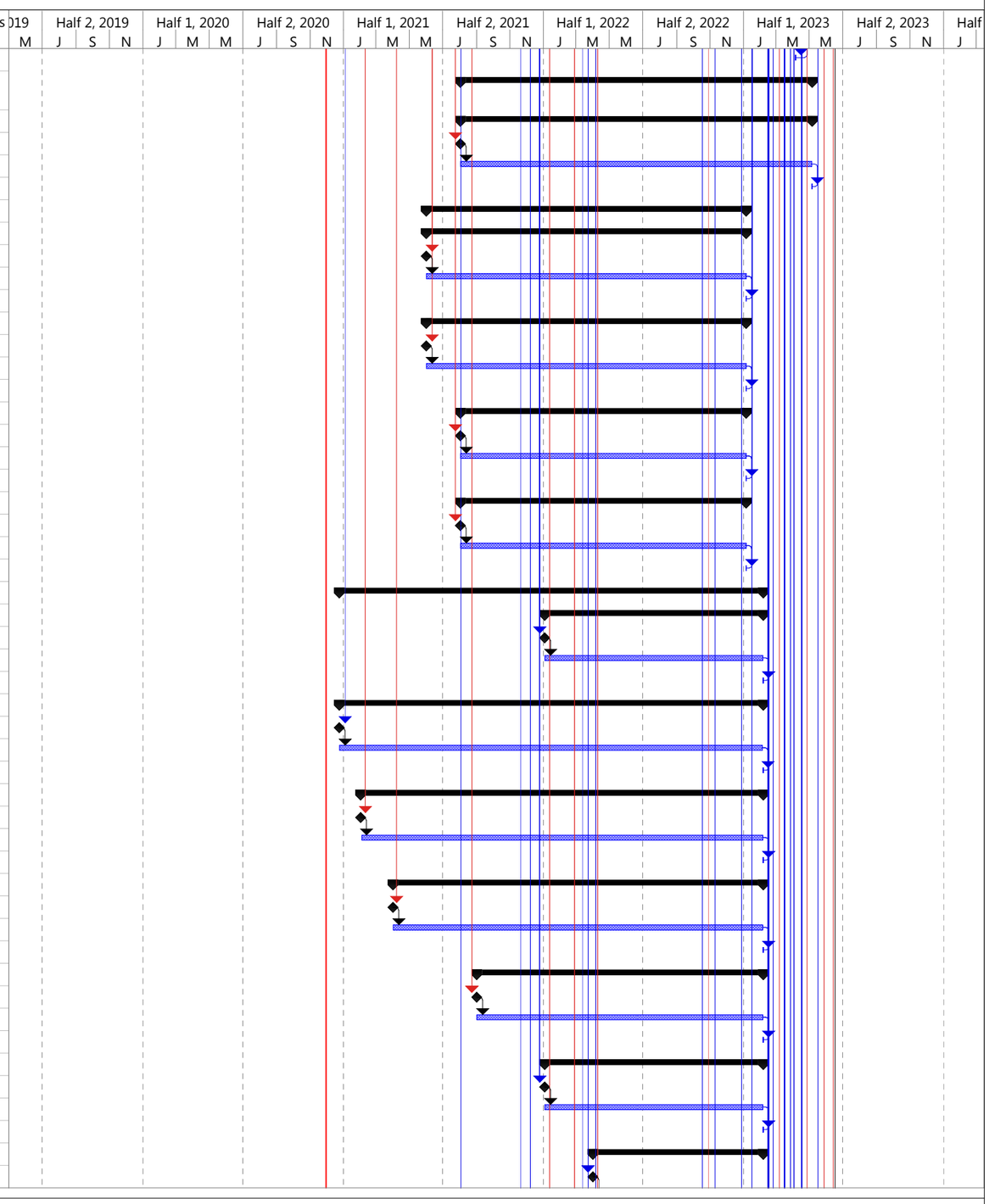
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
702		3.9.4.4.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	701	15
703		**3.9.5**	**MRI**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
704		**3.9.5.1**	**MRI - L5**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
705		3.9.5.1.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	706
706		3.9.5.1.2	M&E Works	408 days	1 Sep '21	4 Jan '23	0 days	705	707,857
707		3.9.5.1.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	706	16
708		**3.9.5.2**	**Exam Room - L5**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
709		3.9.5.2.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	710
710		3.9.5.2.2	M&E Works	408 days	1 Sep '21	4 Jan '23	0 days	709	711,860
711		3.9.5.2.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	710	16
712		**3.9.5.3**	**Control Room - L5**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
713		3.9.5.3.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	714
714		3.9.5.3.2	M&E Works	408 days	1 Sep '21	4 Jan '23	0 days	713	715,863
715		3.9.5.3.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	714	16
716		**3.9.5.4**	**Mech Equipment Room - L5**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
717		3.9.5.4.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	718
718		3.9.5.4.1	M&E Works	408 days	1 Sep '21	4 Jan '23	0 days	717	719,866
719		3.9.5.4.1	Handover	1 day	5 Jan '23	5 Jan '23	0 days	718	16
720		**3.9.5.4**	**Tech Room - L5**	**409 days**	**1 Sep '21**	**5 Jan '23**	**51 days**		
721		3.9.5.4.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	122	722
722		3.9.5.4.2	M&E Works	408 days	1 Sep '21	4 Jan '23	0 days	721	723,869
723		3.9.5.4.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	722	16
724		**3.9.6**	**NDL (EEG)**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
725		**3.9.6.1**	**EMG Room 01 - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
726		3.9.6.2	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	727
727		3.9.6.3	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	726	728
728		3.9.6.4	Handover	1 day	5 Apr '23	5 Apr '23	0 days	727	21
729		**3.9.6.2**	**EMG Room 02 - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
730		3.9.6.2.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	731
731		3.9.6.2.2	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	730	732
732		3.9.6.2.3	Handover	1 day	5 Apr '23	5 Apr '23	0 days	731	21
733		**3.9.6.3**	**EMG Room 03 - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
734		3.9.6.3.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	735
735		3.9.6.3.2	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	734	736
736		3.9.6.3.3	Handover	1 day	5 Apr '23	5 Apr '23	0 days	735	21
737		**3.9.6.4**	**IMS & MC Room - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
738		3.9.6.4.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	739
739		3.9.6.4.2	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	738	740
740		3.9.6.4.3	Handover	1 day	5 Apr '23	5 Apr '23	0 days	739	21
741		**3.9.6.5**	**Ultrasound & ICD Room - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
742		3.9.6.5.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	743
743		3.9.6.5.2	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	742	744
744		3.9.6.5.3	Handover	1 day	5 Apr '23	5 Apr '23	0 days	743	21
745		**3.9.6.6**	**EEG Room - L10**	**358 days**	**1 Feb '22**	**5 Apr '23**	**49 days**		
746		3.9.6.6.1	Structural Clearance	0 days	1 Feb '22	1 Feb '22	0 days	146	747
747		3.9.6.6.2	M&E Works	357 days	1 Feb '22	4 Apr '23	0 days	746	748
748		3.9.6.6.3	Handover	1 day	5 Apr '23	5 Apr '23	0 days	747	21
749		**3.9.7**	**L3 Isolation**	**563 days**	**1 Jun '21**	**5 Apr '23**	**49 days**		
750		**3.9.7.1**	**Isolation & Ante (6 Rooms) - L3**	**563 days**	**1 Jun '21**	**5 Apr '23**	**49 days**		
751		3.9.7.1.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	1 day	120	752
752		3.9.7.1.2	M&E Works	561 days	2 Jun '21	4 Apr '23	0 days	751	753



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

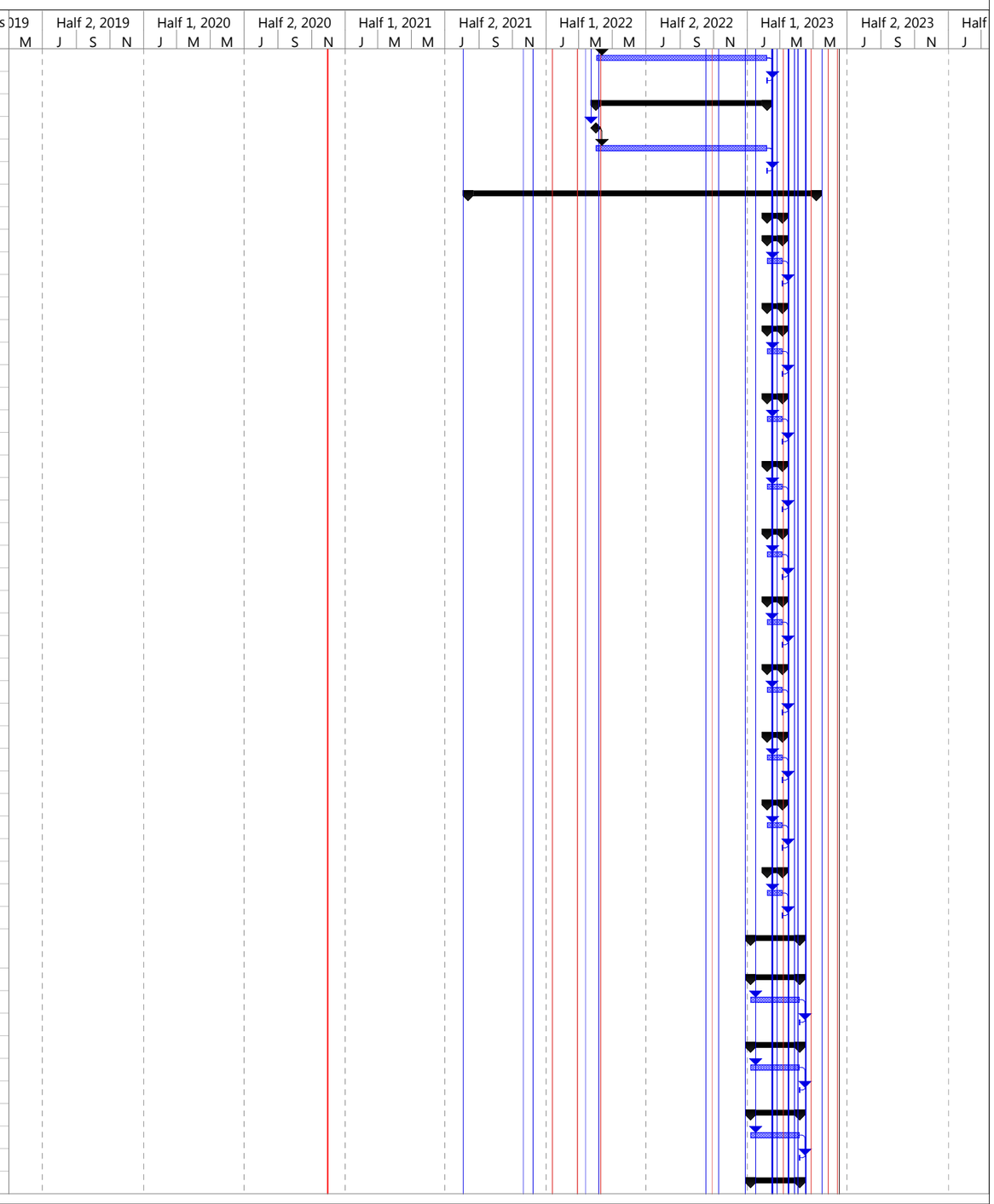
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
753		3.9.7.1.3	Handover	1 day	5 Apr '23	5 Apr '23	23 days	752	23
754		**3.9.8**	**L4 Dental Consult (Floor Template to be Confirm Early)**	**534 days**	**2 Aug '21**	**5 May '23**	**26 days**		
755		**3.9.8.1**	**Dental - Compression / Dental - L4**	**534 days**	**2 Aug '21**	**5 May '23**	**26 days**		
756		3.9.8.1.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	757
757		3.9.8.1.2	M&E Works	533 days	2 Aug '21	4 May '23	0 days	756	758
758		3.9.8.1.3	Handover	1 day	5 May '23	5 May '23	0 days	757	23
759		**3.9.9**	**L3 & L4 Trolley Wash Room**	**486 days**	**1 Jun '21**	**5 Jan '23**	**51 days**		
760		**3.9.9.1**	**Trolley Wash / Store - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**51 days**		
761		3.9.9.1.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	762
762		3.9.9.1.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	761	763,885
763		3.9.9.1.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	762	17
764		**3.9.9.2**	**Trolley Wash - M&E - L3**	**486 days**	**1 Jun '21**	**5 Jan '23**	**51 days**		
765		3.9.9.2.1	Structural Clearance	0 days	1 Jun '21	1 Jun '21	0 days	120	766
766		3.9.9.2.2	M&E Works	485 days	1 Jun '21	4 Jan '23	0 days	765	767,888
767		3.9.9.2.2	Handover	1 day	5 Jan '23	5 Jan '23	0 days	766	17
768		**3.9.9.3**	**Trolley Wash/Store - L4**	**434 days**	**2 Aug '21**	**5 Jan '23**	**51 days**		
769		3.9.9.3.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	770
770		3.9.9.3.2	M&E Works	433 days	2 Aug '21	4 Jan '23	0 days	769	771,891
771		3.9.9.3.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	770	17
772		**3.9.9.4**	**Trolley Wash - M&E - L4**	**434 days**	**2 Aug '21**	**5 Jan '23**	**51 days**		
773		3.9.9.4.1	Structural Clearance	0 days	2 Aug '21	2 Aug '21	0 days	121	774
774		3.9.9.4.2	M&E Works	433 days	2 Aug '21	4 Jan '23	0 days	773	775,894
775		3.9.9.4.3	Handover	1 day	5 Jan '23	5 Jan '23	0 days	774	17
776		**3.9.10**	**Security Room**	**641 days**	**23 Dec '20**	**5 Feb '23**	**78 days**		
777		**3.9.10.1**	**Security Room 1 - B4 - B2**	**331 days**	**3 Jan '22**	**5 Feb '23**	**77 days**		
778		3.9.10.1.1	Structural Clearance	0 days	3 Jan '22	3 Jan '22	0 days	73,102	779
779		3.9.10.1.2	M&E Works	330 days	3 Jan '22	4 Feb '23	0 days	778	780,898
780		3.9.10.1.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	779	20
781		**3.9.10.2**	**Security Room 1 - B1**	**641 days**	**23 Dec '20**	**5 Feb '23**	**78 days**		
782		3.9.10.2.1	Structural Clearance	0 days	23 Dec '20	23 Dec '20	0 days	69	783
783		3.9.10.2.2	M&E Works	639 days	24 Dec '20	3 Feb '23	1 day	782	784,901
784		3.9.10.2.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	783	20
785		**3.9.10.3**	**Security Room 1 - L1**	**609 days**	**1 Feb '21**	**5 Feb '23**	**79 days**		
786		3.9.10.3.1	Structural Clearance	0 days	1 Feb '21	1 Feb '21	2 days	118	787
787		3.9.10.3.2	M&E Works	606 days	3 Feb '21	4 Feb '23	0 days	786	788,904
788		3.9.10.3.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	787	20
789		**3.9.10.4**	**Security Room 1 - L2**	**559 days**	**1 Apr '21**	**5 Feb '23**	**77 days**		
790		3.9.10.4.1	Structural Clearance	0 days	1 Apr '21	1 Apr '21	0 days	119	791
791		3.9.10.4.2	M&E Works	558 days	1 Apr '21	4 Feb '23	0 days	790	792,907
792		3.9.10.4.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	791	20
793		**3.9.10.5**	**Security Room 1 - L3 - L5**	**434 days**	**1 Sep '21**	**5 Feb '23**	**77 days**		
794		3.9.10.5.1	Structural Clearance	0 days	1 Sep '21	1 Sep '21	0 days	120,122	795
795		3.9.10.5.2	M&E Works	433 days	1 Sep '21	4 Feb '23	0 days	794	796,910
796		3.9.10.5.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	795	20
797		**3.9.10.6**	**Security Room 1 - L8 - L9**	**331 days**	**3 Jan '22**	**5 Feb '23**	**77 days**		
798		3.9.10.6.1	Structural Clearance	0 days	3 Jan '22	3 Jan '22	0 days	134,140	799
799		3.9.10.6.2	M&E Works	330 days	3 Jan '22	4 Feb '23	0 days	798	800,913
800		3.9.10.6.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	799	20
801		**3.9.10.7**	**Security Room 1 - L10 - L12**	**256 days**	**1 Apr '22**	**5 Feb '23**	**78 days**		
802		3.9.10.7.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	1 day	146,158	803



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

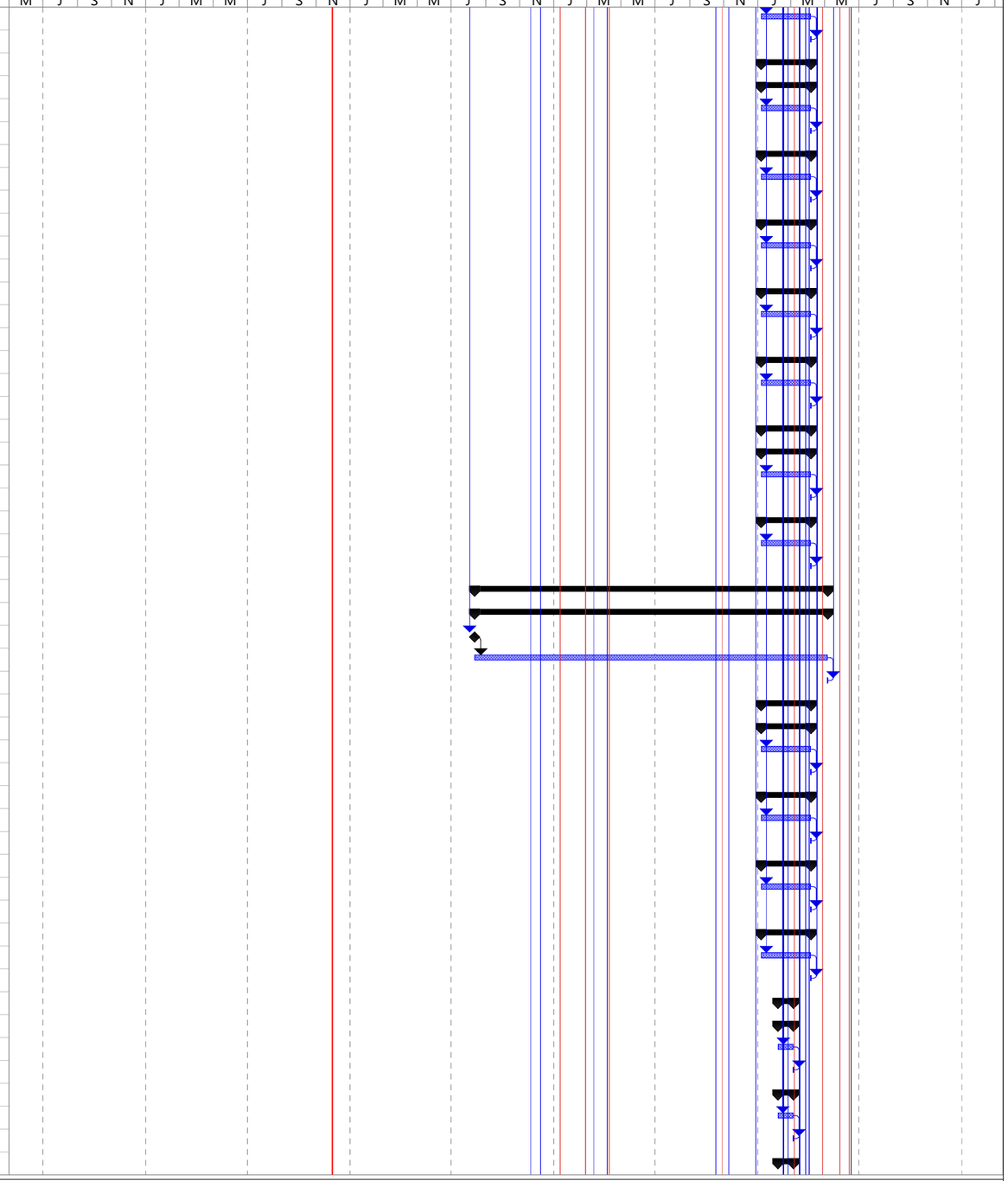
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
803		3.9.10.7.2	M&E Works	254 days	2 Apr '22	4 Feb '23	0 days	802	804,916
804		3.9.10.7.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	803	20
805		**3.9.10.8**	**SEC-1 Riser - B4 - L12**	**256 days**	**1 Apr '22**	**5 Feb '23**	**77 days**		
806		3.9.10.8.1	Structural Clearance	0 days	1 Apr '22	1 Apr '22	0 days	102,158	807
807		3.9.10.8.2	M&E Works	255 days	1 Apr '22	4 Feb '23	0 days	806	808,919
808		3.9.10.8.3	Handover	1 day	5 Feb '23	5 Feb '23	0 days	807	20
809		**3.10**	**Early Handover Rooms**	**526 days**	**12 Aug '21**	**5 May '23**	**26 days**		
810		**3.10.1**	**IT Server Room**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
811		**3.10.1.1**	**Server Room - L8**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
812		3.10.1.1.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	638	813
813		3.10.1.1.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	812	26
814		**3.10.2**	**Wire Centres / LAN Room**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
815		**3.10.2.1**	**LAN Room 1 - B3**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
816		3.10.2.1.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	643	817
817		3.10.2.1.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	816	25
818		**3.10.2.2**	**LAN Room 1 - B2**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
819		3.10.2.2.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	647	820
820		3.10.2.2.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	819	25
821		**3.10.2.3**	**IHIS Main Network Room / LAN Room - B**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
822		3.10.2.3.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	651	823
823		3.10.2.3.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	822	25
824		**3.10.2.4**	**Main LAN Room - L1**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
825		3.10.2.4.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	655	826
826		3.10.2.4.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	825	25
827		**3.10.2.5**	**LAN Room 1 - L2**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
828		3.10.2.5.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	659	829
829		3.10.2.5.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	828	25
830		**3.10.2.6**	**LAN Room 2 - L2**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
831		3.10.2.6.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	663	832
832		3.10.2.6.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	831	25
833		**3.10.2.7**	**LAN Room 1 - L3 - L12**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
834		3.10.2.7.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	667	835
835		3.10.2.7.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	834	25
836		**3.10.2.8**	**Data-1 Riser - B4 - B12**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
837		3.10.2.8.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	671	838
838		3.10.2.8.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	837	25
839		**3.10.2.9**	**Data-2 Riser - B4 - B12**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
840		3.10.2.9.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	675	841
841		3.10.2.9.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	840	25
842		**3.10.3**	**DDR - L3 CT Scan, L3 & L4 X-ray, L5 Cath Lab (Angio Suite)**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
843		**3.10.3.1**	**CT Scan - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
844		3.10.3.1.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	689	845
845		3.10.3.1.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	844	29
846		**3.10.3.2**	**X-Ray - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
847		3.10.3.2.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	693	848
848		3.10.3.2.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	847	29
849		**3.10.3.3**	**X-Ray - L4**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
850		3.10.3.3.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	697	851
851		3.10.3.3.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	850	29
852		**3.10.3.4**	**Cath Lab (Angio Suite) - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

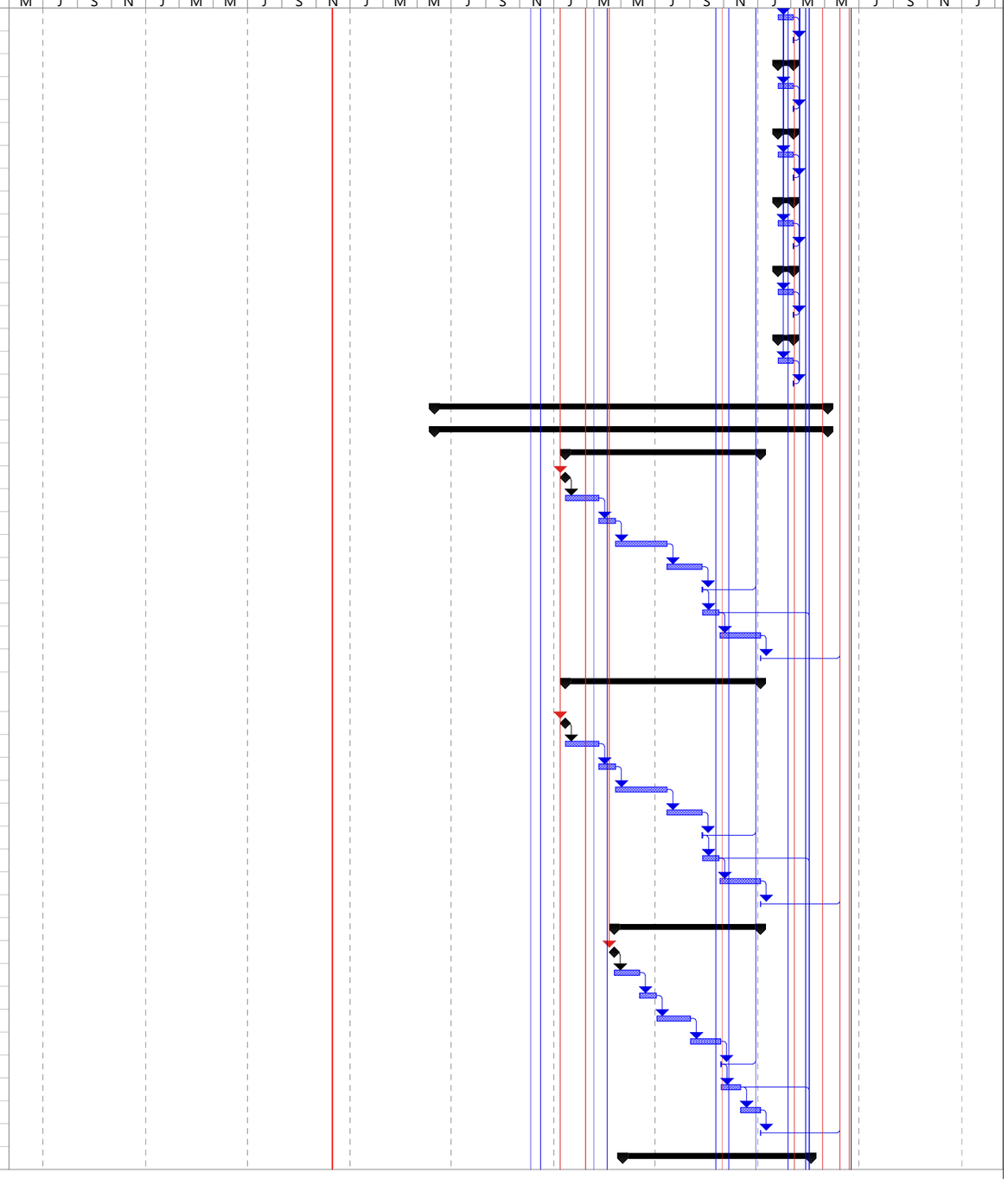
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
853		3.10.3.4.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	701	854
854		3.10.3.4.1	Handover	1 day	5 Apr '23	5 Apr '23	0 days	853	29
855		**3.10.4**	**MRI**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
856		**3.10.4.1**	**MRI - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
857		3.10.4.1.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	706	858
858		3.10.4.1.1	Handover	1 day	5 Apr '23	5 Apr '23	0 days	857	30
859		**3.10.4.2**	**Exam Room - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
860		3.10.4.2.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	710	861
861		3.10.4.2.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	860	30
862		**3.10.4.3**	**Control Room - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
863		3.10.4.3.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	714	864
864		3.10.4.3.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	863	30
865		**3.10.4.4**	**Mech Equipment Room - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
866		3.10.4.4.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	718	867
867		3.10.4.4.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	866	30
868		**3.10.4.5**	**Tech Room - L5**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
869		3.10.4.5.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	722	870
870		3.10.4.5.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	869	30
871		**3.10.5**	**Resuscitation and Trauma**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
872		**3.10.5.1**	**Resus Room (8 Rooms) - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
873		3.10.5.1.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	680	874
874		3.10.5.1.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	873	28
875		**3.10.5.2**	**Trauma Room (4 Rooms) - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
876		3.10.5.2.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	684	877
877		3.10.5.2.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	876	28
878		**3.10.6**	**Mortuary**	**526 days**	**12 Aug '21**	**5 May '23**	**26 days**		
879		**3.10.6.1**	**Mortuary - B1**	**526 days**	**12 Aug '21**	**5 May '23**	**26 days**		
880		3.10.6.1.1	Structural Clearance	0 days	12 Aug '21	12 Aug '21	0 days	69	881
881		3.10.6.1.2	Archi and M&E Works	525 days	12 Aug '21	4 May '23	0 days	880	882
882		3.10.6.1.3	Handover	1 day	5 May '23	5 May '23	0 days	881	32
883		**3.10.7**	**L3 & L4 Trolley Wash Room**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
884		**3.10.7.1**	**Trolley Wash / Store - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
885		3.10.7.1.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	762	886
886		3.10.7.1.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	885	31
887		**3.10.7.2**	**Trolley Wash - M&E - L3**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
888		3.10.7.2.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	766	889
889		3.10.7.2.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	888	31
890		**3.10.7.3**	**Trolley Wash/Store - L4**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
891		3.10.7.3.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	770	892
892		3.10.7.3.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	891	31
893		**3.10.7.3**	**Trolley Wash - M&E - L4**	**76 days**	**7 Jan '23**	**5 Apr '23**	**49 days**		
894		3.10.7.3.1	T&C	75 days	7 Jan '23	4 Apr '23	0 days	774	895
895		3.10.7.3.2	Handover	1 day	5 Apr '23	5 Apr '23	0 days	894	31
896		**3.10.8**	**Security Room**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
897		**3.10.8.1**	**Security Room 1 - B4 - B2**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
898		3.10.8.1.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	779	899
899		3.10.8.1.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	898	27
900		**3.10.8.2**	**Security Room 1 - B1**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
901		3.10.8.2.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	783	902
902		3.10.8.2.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	901	27
903		**3.10.8.3**	**Security Room 1 - L1**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

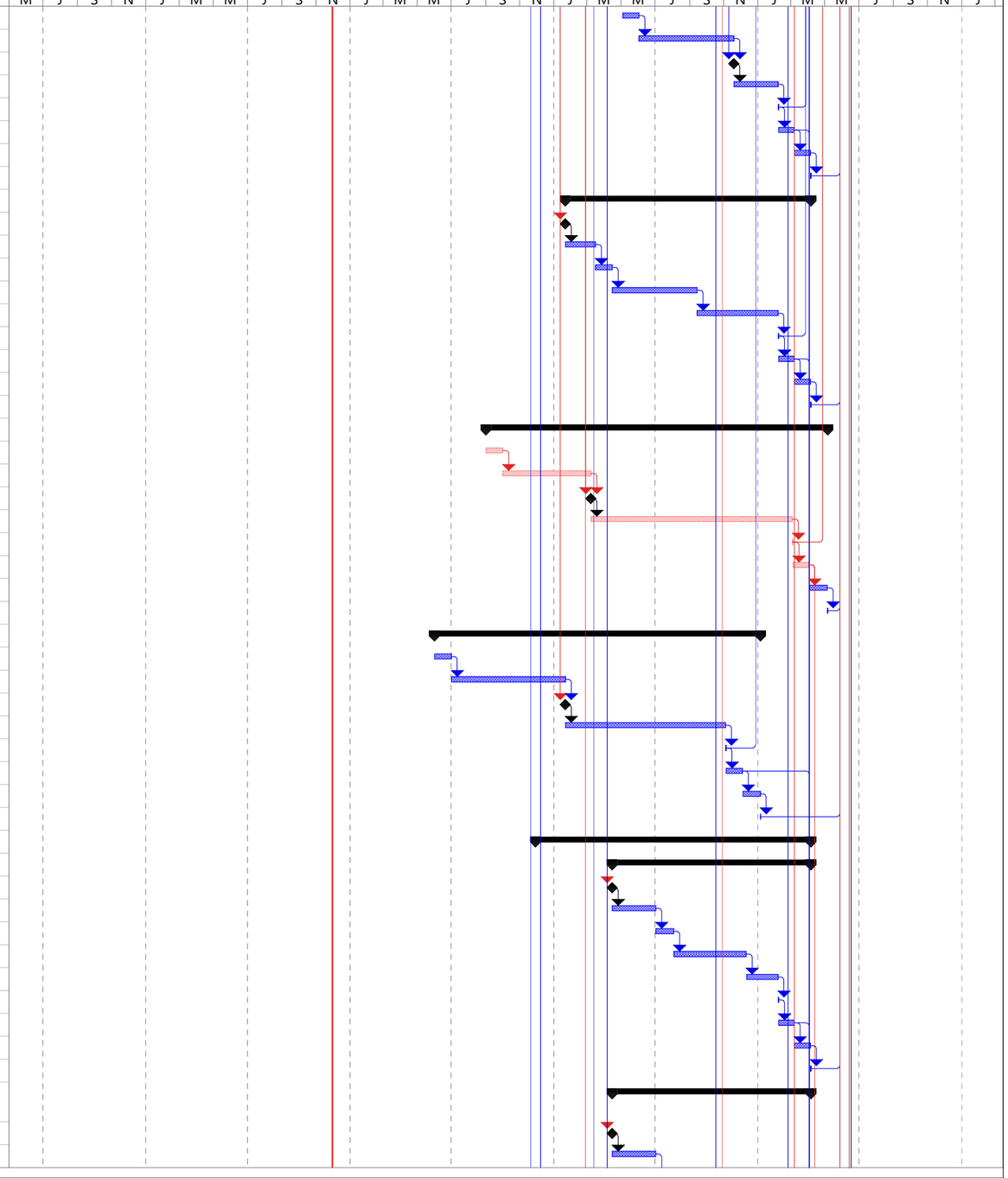
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
904		3.10.8.3.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	787	905
905		3.10.8.3.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	904	27
906		**3.10.8.4**	**Security Room 1 - L2**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
907		3.10.8.4.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	791	908
908		3.10.8.4.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	907	27
909		**3.10.8.5**	**Security Room 1 - L3 - L5**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
910		3.10.8.5.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	795	911
911		3.10.8.5.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	910	27
912		**3.10.8.6**	**Security Room 1 - L8 - L9**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
913		3.10.8.6.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	799	914
914		3.10.8.6.1	Handover	1 day	5 Mar '23	5 Mar '23	0 days	913	27
915		**3.10.8.7**	**Security Room 1 - L10 - L12**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
916		3.10.8.8	T&C	24 days	6 Feb '23	4 Mar '23	0 days	803	917
917		3.10.8.8	Handover	1 day	5 Mar '23	5 Mar '23	0 days	916	27
918		**3.10.8.8**	**SEC-1 Riser - B4 - L12**	**25 days**	**6 Feb '23**	**5 Mar '23**	**76 days**		
919		3.10.8.8.1	T&C	24 days	6 Feb '23	4 Mar '23	0 days	807	920
920		3.10.8.8.2	Handover	1 day	5 Mar '23	5 Mar '23	0 days	919	27
921		**3.11**	**Medical Equipment**	**586 days**	**1 Jun '21**	**5 May '23**	**26 days**		
922		**3.11.1**	**Early Access Rooms/ Early Handover Rooms**	**586 days**	**1 Jun '21**	**5 May '23**	**26 days**		
923		**3.11.2**	**Resuscitation and Trauma - L3**	**290 days**	**21 Jan '22**	**5 Jan '23**	**126 days**		
924		3.11.2.1	Structural Clearance	0 days	21 Jan '22	21 Jan '22	0 days	120	925
925		3.11.2.2	Arch. & M&E Work	50 days	21 Jan '22	21 Mar '22	0 days	924	926
926		3.11.2.3	Vendor Award	25 days	22 Mar '22	20 Apr '22	0 days	925	927
927		3.11.2.4	Coordination / Shop Drawings	75 days	21 Apr '22	21 Jul '22	0 days	926	928
928		3.11.2.5	Arch. & M&E Work	53 days	22 Jul '22	22 Sep '22	0 days	927	929
929		3.11.2.6	Allow Access to DCV	1 day	23 Sep '22	23 Sep '22	0 days	928	930,14
930		3.11.2.7	Equipment Installation	25 days	24 Sep '22	22 Oct '22	0 days	929	1235,931
931		3.11.2.8	M&E T&C	60 days	25 Oct '22	4 Jan '23	0 days	930	932
932		3.11.2.9	Room Handover	1 day	5 Jan '23	5 Jan '23	126 days	931	4
933		**3.11.3**	**DDR - L3 CT Scan, L3 & L4 X-Ray, L5 Cath Lab (Angio Suite) - L3, L4**	**290 days**	**21 Jan '22**	**5 Jan '23**	**126 days**		
934		3.11.3.1	Structural Clearance	0 days	21 Jan '22	21 Jan '22	0 days	120	935
935		3.11.3.2	Arch. & M&E Work	50 days	21 Jan '22	21 Mar '22	0 days	934	936
936		3.11.3.3	Vendor Award	25 days	22 Mar '22	20 Apr '22	0 days	935	937
937		3.11.3.4	Coordination / Shop Drawings	75 days	21 Apr '22	21 Jul '22	0 days	936	938
938		3.11.3.5	Arch. & M&E Work	53 days	22 Jul '22	22 Sep '22	0 days	937	939
939		3.11.3.6	Allow Access to DCV	1 day	23 Sep '22	23 Sep '22	0 days	938	940,15
940		3.11.3.7	Equipment Installation	25 days	24 Sep '22	22 Oct '22	0 days	939	1235,941
941		3.11.3.8	M&E T&C	60 days	25 Oct '22	4 Jan '23	0 days	940	942
942		3.11.3.9	Room Handover	1 day	5 Jan '23	5 Jan '23	126 days	941	4
943		**3.11.4**	**MRI -L5**	**217 days**	**19 Apr '22**	**5 Jan '23**	**103 days**		
944		3.11.4.1	Structural Clearance	0 days	19 Apr '22	19 Apr '22	0 days	122	945
945		3.11.4.2	Arch. & M&E Work	36 days	19 Apr '22	2 Jun '22	0 days	944	946
946		3.11.4.3	Vendor Award	26 days	3 Jun '22	2 Jul '22	0 days	945	947
947		3.11.4.4	Coordination / Shop Drawings	50 days	4 Jul '22	1 Sep '22	0 days	946	948
948		3.11.4.5	Arch. & M&E Work	45 days	2 Sep '22	25 Oct '22	0 days	947	949
949		3.11.4.6	Allow Access to DCV	1 day	26 Oct '22	26 Oct '22	0 days	948	950,16
950		3.11.4.7	Equipment Installation	30 days	27 Oct '22	30 Nov '22	0 days	949	1235,951
951		3.11.4.8	M&E T&C	28 days	1 Dec '22	4 Jan '23	0 days	950	952
952		3.11.4.9	Room Handover	1 day	5 Jan '23	5 Jan '23	126 days	951	4
953		**3.11.5**	**NDL (EEG) - L10**	**283 days**	**4 May '22**	**5 Apr '23**	**23 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

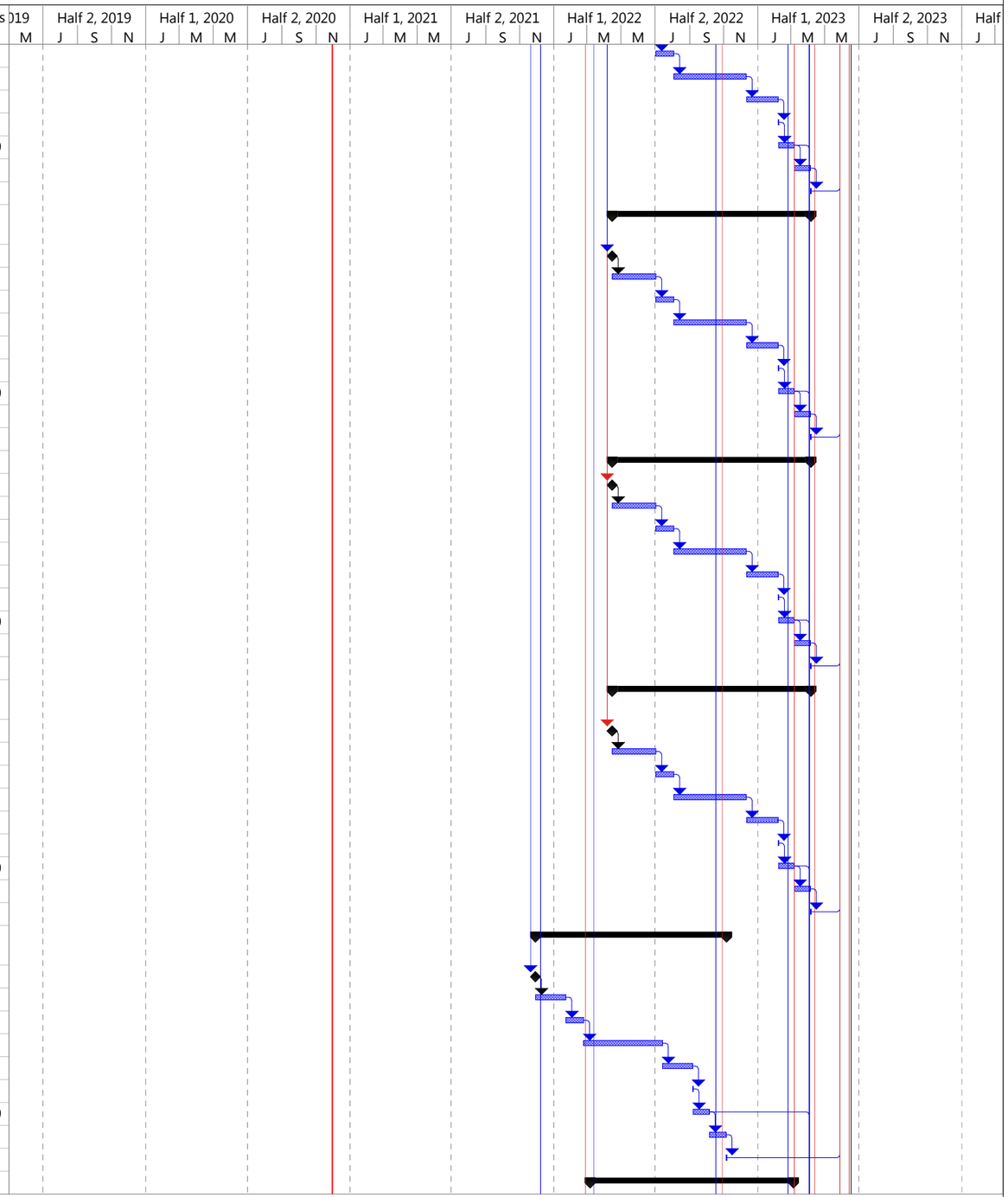
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
954		3.11.5.1	Vendor Award	24 days	4 May '22	1 Jun '22	0 days		955
955		3.11.5.2	Coordination / Shop Drawings	143 days	2 Jun '22	18 Nov '22	0 days	954	956
956		3.11.5.3	Structure Clearance	0 days	19 Nov '22	19 Nov '22	0 days	955,146	957
957		3.11.5.4	Arch. & M&E Work	64 days	19 Nov '22	5 Feb '23	0 days	956	958
958		3.11.5.5	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	957	959,21
959		3.11.5.6	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	958	1235,960
960		3.11.5.7	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	959	961
961		3.11.5.8	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	960	4
962		**3.11.6**	**L3 Isolation - L3**	**367 days**	**21 Jan '22**	**5 Apr '23**	**23 days**		
963		3.11.6.1	Structural Clearance	0 days	21 Jan '22	21 Jan '22	0 days	120	964
964		3.11.6.2	Arch. & M&E Work	45 days	21 Jan '22	15 Mar '22	0 days	963	965
965		3.11.6.3	Vendor Award	25 days	16 Mar '22	14 Apr '22	0 days	964	966
966		3.11.6.4	Coordination / Shop Drawings	125 days	15 Apr '22	13 Sep '22	0 days	965	967
967		3.11.6.5	Arch. & M&E Work	120 days	14 Sep '22	5 Feb '23	0 days	966	968
968		3.11.6.6	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	967	969,22
969		3.11.6.7	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	968	1235,970
970		3.11.6.8	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	969	971
971		3.11.6.9	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	970	4
972		**3.11.7**	**L4 Dental Consult - L4**	**509 days**	**1 Sep '21**	**5 May '23**	**0 days**		
973		3.11.7.1	Vendor Award	26 days	1 Sep '21	30 Sep '21	0 days		974
974		3.11.7.2	Coordination / Shop Drawings	131 days	1 Oct '21	7 Mar '22	0 days	973	975
975		3.11.7.3	Structure Clearance	0 days	7 Mar '22	7 Mar '22	0 days	974,121	976
976		3.11.7.4	Arch. & M&E Work	300 days	8 Mar '22	3 Mar '23	0 days	975	977
977		3.11.7.5	Allow Access to DCV	1 day	4 Mar '23	4 Mar '23	0 days	976	978,23
978		3.11.7.6	Equipment Installation	25 days	5 Mar '23	1 Apr '23	0 days	977	1235,979
979		3.11.7.7	M&E T&C	25 days	3 Apr '23	4 May '23	0 days	978	980
980		3.11.7.8	Room Handover	1 day	5 May '23	5 May '23	26 days	979	4
981		**3.11.8**	**L3 & L4 Trolley Wash Room - L3, L4**	**486 days**	**1 Jun '21**	**5 Jan '23**	**100 days**		
982		3.11.8.1	Vendor Award	26 days	1 Jun '21	30 Jun '21	0 days		983
983		3.11.8.2	Coordination / Shop Drawings	170 days	1 Jul '21	20 Jan '22	0 days	982	984
984		3.11.8.3	Structure Clearance	0 days	21 Jan '22	21 Jan '22	0 days	983,120	985
985		3.11.8.4	Arch. & M&E Work	238 days	21 Jan '22	3 Nov '22	0 days	984	986
986		3.11.8.5	Allow Access to DCV	1 day	4 Nov '22	4 Nov '22	0 days	985	987,17
987		3.11.8.6	Equipment Installation	25 days	5 Nov '22	3 Dec '22	0 days	986	1235,988
988		3.11.8.7	M&E T&C	25 days	5 Dec '22	4 Jan '23	0 days	987	989
989		3.11.8.8	Room Handover	1 day	5 Jan '23	5 Jan '23	126 days	988	4
990		**3.11.2**	**Other Medical Equipment Item**	**411 days**	**29 Nov '21**	**5 Apr '23**	**49 days**		
991		**3.11.2.1**	**Diagnostic Imaging - Angiography - L5**	**297 days**	**15 Apr '22**	**5 Apr '23**	**23 days**		
992		3.11.2.1.1	Structural Clearance	0 days	15 Apr '22	15 Apr '22	0 days	122	993
993		3.11.2.1.2	Arch. & M&E Work	64 days	15 Apr '22	1 Jul '22	0 days	992	994
994		3.11.2.1.3	Vendor Award	26 days	2 Jul '22	2 Aug '22	0 days	993	995
995		3.11.2.1.4	Coordination / Shop Drawings	110 days	3 Aug '22	10 Dec '22	0 days	994	996
996		3.11.2.1.5	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	995	997
997		3.11.2.1.6	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	996	998
998		3.11.2.1.7	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	997	1235,999
999		3.11.2.1.8	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	998	1000
1000		3.11.2.1.9	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	999	4
1001		**3.11.2.2**	**Diagnostic Imaging - General Radiography & OPG - L3, L4, L6**	**297 days**	**15 Apr '22**	**5 Apr '23**	**23 days**		
1002		3.11.2.2.1	Structural Clearance	0 days	15 Apr '22	15 Apr '22	0 days	120	1003
1003		3.11.2.2.2	Arch. & M&E Work	64 days	15 Apr '22	1 Jul '22	0 days	1002	1004



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

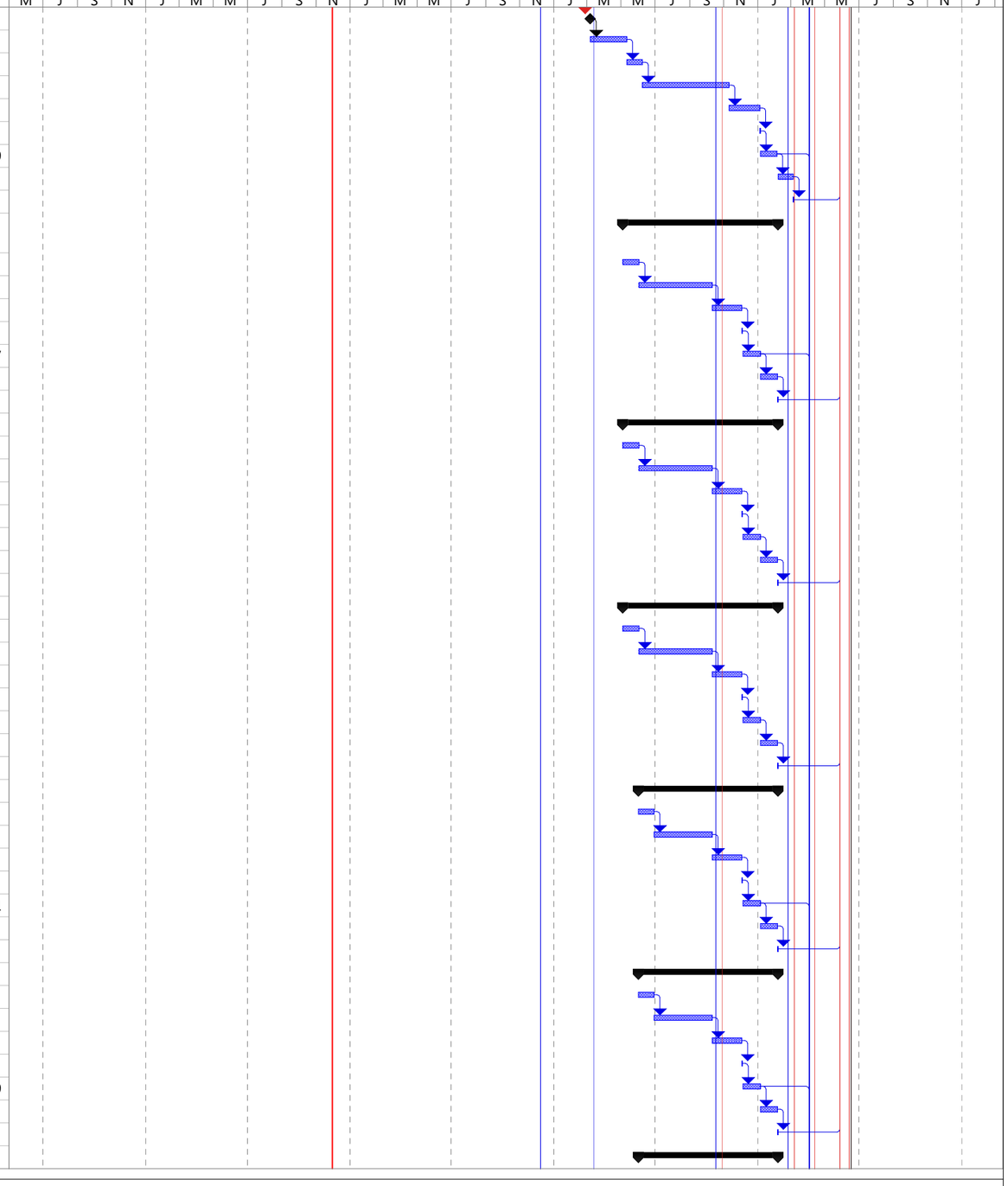
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1004		3.11.2.2.3	Vendor Award	26 days	2 Jul '22	2 Aug '22	0 days	1003	1005
1005		3.11.2.2.4	Coordination / Shop Drawings	110 days	3 Aug '22	10 Dec '22	0 days	1004	1006
1006		3.11.2.2.5	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1005	1007
1007		3.11.2.2.6	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1006	1008
1008		3.11.2.2.7	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1007	1235,1009
1009		3.11.2.2.8	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1008	1010
1010		3.11.2.2.9	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1009	4
1011		**3.11.2.3**	**Diagnostic Imaging - Ultrasound Machine - L10**	**297 days**	**15 Apr '22**	**5 Apr '23**	**23 days**		
1012		3.11.2.3.1	Structural Clearance	0 days	15 Apr '22	15 Apr '22	0 days	146	1013
1013		3.11.2.3.2	Arch. & M&E Work	64 days	15 Apr '22	1 Jul '22	0 days	1012	1014
1014		3.11.2.3.3	Vendor Award	26 days	2 Jul '22	2 Aug '22	0 days	1013	1015
1015		3.11.2.3.4	Coordination / Shop Drawings	110 days	3 Aug '22	10 Dec '22	0 days	1014	1016
1016		3.11.2.3.5	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1015	1017
1017		3.11.2.3.6	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1016	1018
1018		3.11.2.3.7	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1017	1235,1019
1019		3.11.2.3.8	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1018	1020
1020		3.11.2.3.9	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1019	4
1021		**3.11.2.4**	**Medical Pendants - L3, L4, L7, L9**	**297 days**	**15 Apr '22**	**5 Apr '23**	**23 days**		
1022		3.1.11.2.4.	Structural Clearance	0 days	15 Apr '22	15 Apr '22	0 days	120	1023
1023		3.1.11.2.4.	Arch. & M&E Work	64 days	15 Apr '22	1 Jul '22	0 days	1022	1024
1024		3.1.11.2.4.	Vendor Award	26 days	2 Jul '22	2 Aug '22	0 days	1023	1025
1025		3.1.11.2.4.	Coordination / Shop Drawings	110 days	3 Aug '22	10 Dec '22	0 days	1024	1026
1026		3.1.11.2.4.	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1025	1027
1027		3.1.11.2.4.	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1026	1028
1028		3.1.11.2.4.	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1027	1235,1029
1029		3.1.11.2.4.	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1028	1030
1030		3.1.11.2.4.	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1029	4
1031		**3.11.2.5**	**Surgical Lights and Procedure Lights - L3 to L9**	**297 days**	**15 Apr '22**	**5 Apr '23**	**23 days**		
1032		2.11.2.5.1	Structural Clearance	0 days	15 Apr '22	15 Apr '22	0 days	120	1033
1033		2.11.2.5.2	Arch. & M&E Work	64 days	15 Apr '22	1 Jul '22	0 days	1032	1034
1034		2.11.2.5.3	Vendor Award	26 days	2 Jul '22	2 Aug '22	0 days	1033	1035
1035		2.11.2.5.4	Coordination / Shop Drawings	110 days	3 Aug '22	10 Dec '22	0 days	1034	1036
1036		2.11.2.5.5	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1035	1037
1037		2.11.2.5.6	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1036	1038
1038		2.11.2.5.7	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1037	1235,1039
1039		2.11.2.5.8	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1038	1040
1040		2.11.2.5.9	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1039	4
1041		**3.11.2.6**	**Mortuary Refrigerators and Associated Equipment - B1, L2**	**284 days**	**29 Nov '21**	**5 Nov '22**	**150 days**		
1042		3.11.2.6.1	Structural Clearance	0 days	29 Nov '21	29 Nov '21	0 days	69	1043
1043		3.11.2.6.2	Arch. & M&E Work	45 days	29 Nov '21	21 Jan '22	0 days	1042	1044
1044		3.11.2.6.3	Vendor Award	26 days	22 Jan '22	22 Feb '22	0 days	1043	1045
1045		3.11.2.6.4	Coordination / Shop Drawings	116 days	23 Feb '22	13 Jul '22	0 days	1044	1046
1046		3.11.2.6.5	Arch. & M&E Work	45 days	14 Jul '22	5 Sep '22	0 days	1045	1047
1047		3.11.2.6.6	Allow Access to DCV	1 day	6 Sep '22	6 Sep '22	0 days	1046	1048
1048		3.11.2.6.7	Equipment Installation	25 days	7 Sep '22	5 Oct '22	0 days	1047	1235,1049
1049		3.11.2.6.8	M&E T&C	25 days	6 Oct '22	4 Nov '22	0 days	1048	1050
1050		3.11.2.6.9	Room Handover	1 day	5 Nov '22	5 Nov '22	176 days	1049	4
1051		**3.11.2.7**	**ENT Equipment - L4**	**303 days**	**7 Mar '22**	**5 Mar '23**	**51 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

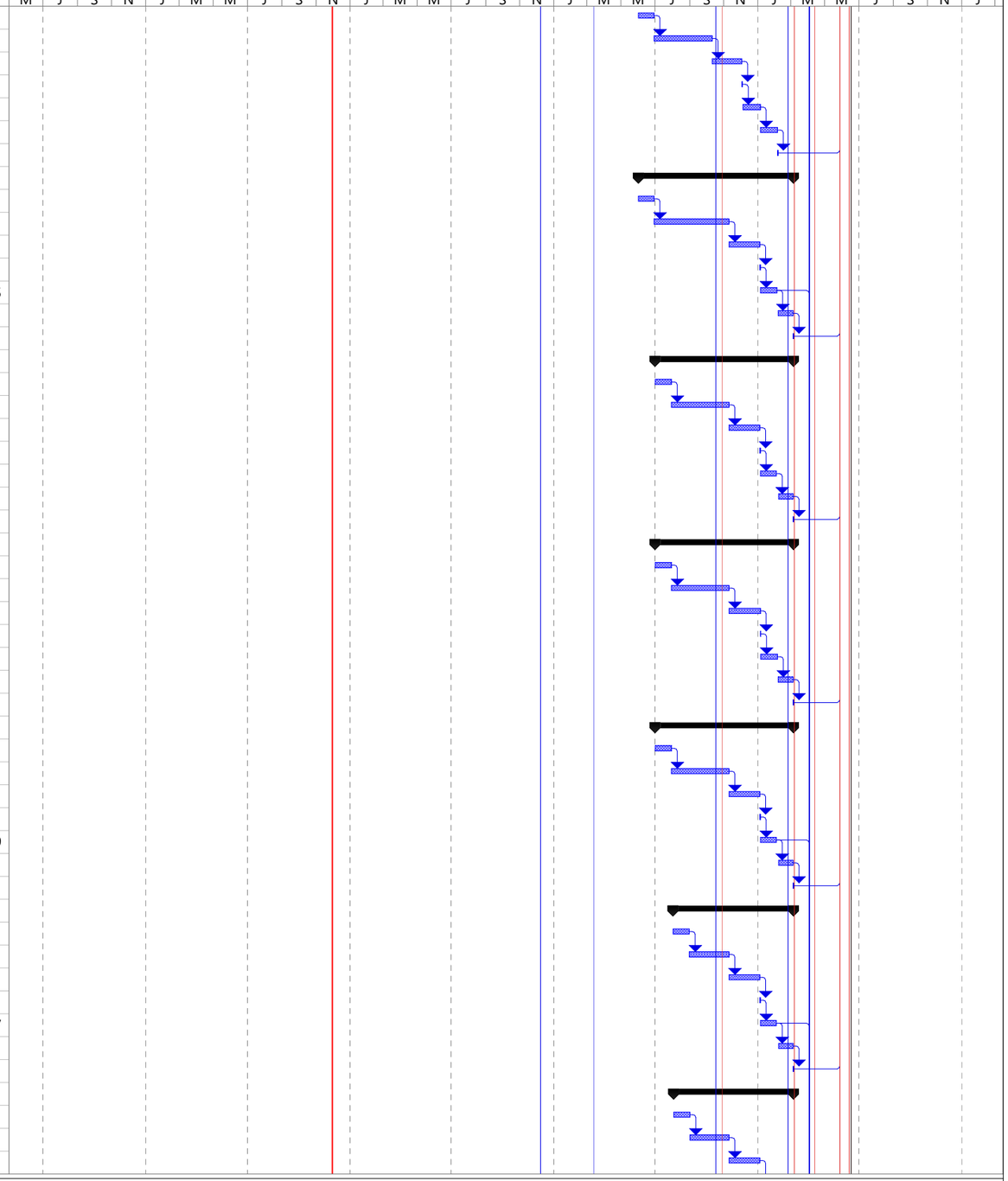
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1052		3.11.2.7.1	Structural Clearance	0 days	7 Mar '22	7 Mar '22	0 days	121	1053
1053		3.11.2.7.2	Arch. & M&E Work	53 days	7 Mar '22	10 May '22	0 days	1052	1054
1054		3.11.2.7.3	Vendor Award	23 days	11 May '22	7 Jun '22	0 days	1053	1055
1055		3.11.2.7.4	Coordination / Shop Drawings	130 days	8 Jun '22	9 Nov '22	0 days	1054	1056
1056		3.11.2.7.5	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1055	1057
1057		3.11.2.7.6	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1056	1058
1058		3.11.2.7.7	Equipment Installation	24 days	5 Jan '23	3 Feb '23	2 days	1057	1235,1059
1059		3.11.2.7.8	M&E T&C	24 days	6 Feb '23	4 Mar '23	0 days	1058	1060
1060		3.11.2.7.9	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1059	4
1061		**3.11.2.8**	**Clinical Diagnostic and Therapeutic Equipment**	**231 days**	**4 May '22**	**5 Feb '23**	**75 days**		
1062		3.11.2.8.1	Vendor Award	24 days	4 May '22	1 Jun '22	0 days		1063
1063		3.11.2.8.2	Coordination / Shop Drawings	110 days	2 Jun '22	10 Oct '22	0 days	1062	1064
1064		3.11.2.8.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1063	1065
1065		3.11.2.8.4	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1064	1066
1066		3.11.2.8.5	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1065	1235,1067
1067		3.11.2.8.6	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1066	1068
1068		3.11.2.8.7	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1067	4
1069		**3.11.2.9**	**Clinical Care & Life Support Equipment**	**231 days**	**4 May '22**	**5 Feb '23**	**101 days**		
1070		3.11.2.9.1	Vendor Award	24 days	4 May '22	1 Jun '22	0 days		1071
1071		3.11.2.9.2	Coordination / Shop Drawings	110 days	2 Jun '22	10 Oct '22	0 days	1070	1072
1072		3.11.2.9.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1071	1073
1073		3.11.2.9.6	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1072	1074
1074		3.11.2.9.7	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1073	1075
1075		3.11.2.9.8	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1074	1076
1076		3.11.2.9.9	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1075	4
1077		**3.11.2.10**	**Dialysis Equipment & Water Treatment Un**	**231 days**	**4 May '22**	**5 Feb '23**	**101 days**		
1078		3.11.2.10.1	Vendor Award	24 days	4 May '22	1 Jun '22	0 days		1079
1079		3.11.2.10.2	Coordination / Shop Drawings	110 days	2 Jun '22	10 Oct '22	0 days	1078	1080
1080		3.11.2.10.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1079	1081
1081		3.11.2.10.6	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1080	1082
1082		3.11.2.10.7	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1081	1083
1083		3.11.2.10.8	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1082	1084
1084		3.11.2.10.9	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1083	4
1085		**3.11.2.11**	**Laboratory Equipment**	**208 days**	**1 Jun '22**	**5 Feb '23**	**75 days**		
1086		3.11.2.11.1	Vendor Award	24 days	1 Jun '22	28 Jun '22	0 days		1087
1087		3.11.2.11.2	Coordination / Shop Drawings	87 days	29 Jun '22	10 Oct '22	0 days	1086	1088
1088		3.11.2.11.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1087	1089
1089		3.11.2.11.4	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1088	1090
1090		3.11.2.11.5	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1089	1235,1091
1091		3.11.2.11.6	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1090	1092
1092		3.11.2.11.7	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1091	4
1093		**3.11.2.12**	**Medical Refrigerators**	**208 days**	**1 Jun '22**	**5 Feb '23**	**75 days**		
1094		3.11.2.12.1	Vendor Award	24 days	1 Jun '22	28 Jun '22	0 days		1095
1095		3.11.2.12.2	Coordination / Shop Drawings	87 days	29 Jun '22	10 Oct '22	0 days	1094	1096
1096		3.11.2.12.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1095	1097
1097		3.11.2.12.4	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1096	1098
1098		3.11.2.12.5	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1097	1235,1099
1099		3.11.2.12.5	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1098	1100
1100		3.11.2.12.5	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1099	4
1101		**3.11.2.13**	**Pharmacy Equipment**	**208 days**	**1 Jun '22**	**5 Feb '23**	**101 days**		



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

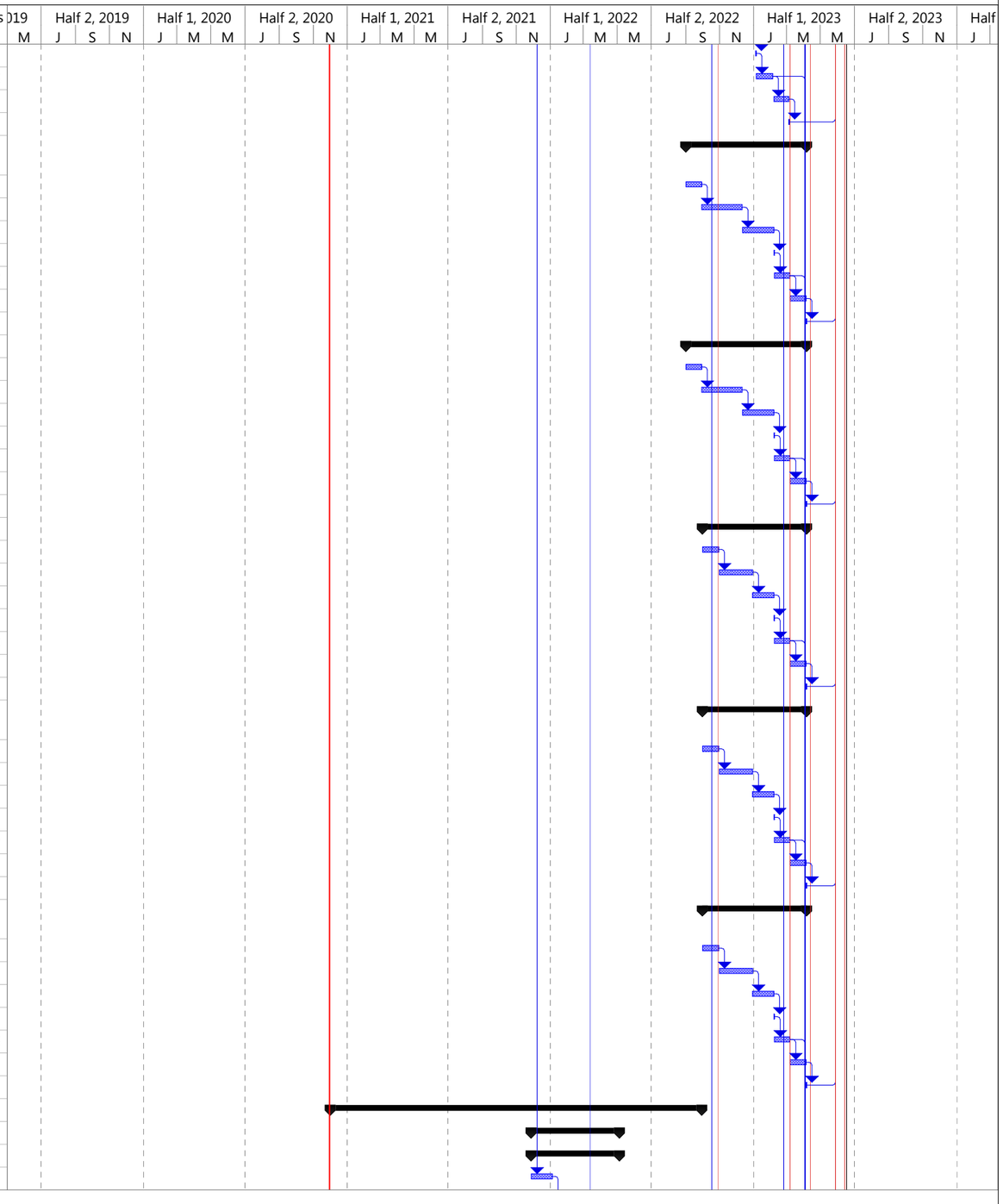
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1102		3.11.2.13.1	Vendor Award	24 days	1 Jun '22	28 Jun '22	0 days		1103
1103		3.11.2.13.2	Coordination / Shop Drawings	87 days	29 Jun '22	10 Oct '22	0 days	1102	1104
1104		3.11.2.13.3	Arch. & M&E Work	45 days	11 Oct '22	2 Dec '22	0 days	1103	1105
1105		3.11.2.13.6	Allow Access to DCV	1 day	3 Dec '22	3 Dec '22	0 days	1104	1106
1106		3.11.2.13.7	Equipment Installation	25 days	5 Dec '22	4 Jan '23	0 days	1105	1107
1107		3.11.2.13.8	M&E T&C	25 days	5 Jan '23	4 Feb '23	0 days	1106	1108
1108		3.11.2.13.9	Room Handover	1 day	5 Feb '23	5 Feb '23	101 days	1107	4
1109		**3.11.2.14**	**Physiotherafy Equipment**	**233 days**	**1 Jun '22**	**5 Mar '23**	**51 days**		
1110		3.11.2.14.1	Vendor Award	24 days	1 Jun '22	28 Jun '22	0 days		1111
1111		3.11.2.14.2	Coordination / Shop Drawings	112 days	29 Jun '22	9 Nov '22	0 days	1110	1112
1112		3.11.2.14.3	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1111	1113
1113		3.11.2.14.4	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1112	1114
1114		3.11.2.14.5	Equipment Installation	24 days	5 Jan '23	3 Feb '23	2 days	1113	1235,1115
1115		3.11.2.14.6	M&E T&C	24 days	6 Feb '23	4 Mar '23	0 days	1114	1116
1116		3.11.2.14.7	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1115	4
1117		**3.11.2.15**	**Medical Furniture**	**207 days**	**1 Jul '22**	**5 Mar '23**	**76 days**		
1118		3.11.2.15.1	Vendor Award	24 days	1 Jul '22	29 Jul '22	0 days		1119
1119		3.11.2.15.2	Coordination / Shop Drawings	86 days	30 Jul '22	9 Nov '22	0 days	1118	1120
1120		3.11.2.15.3	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1119	1121
1121		3.11.2.15.6	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1120	1122
1122		3.11.2.15.7	Equipment Installation	23 days	5 Jan '23	2 Feb '23	4 days	1121	1123
1123		3.11.2.15.8	M&E T&C	23 days	7 Feb '23	4 Mar '23	0 days	1122	1124
1124		3.11.2.15.9	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1123	4
1125		**3.11.2.16**	**Medical Furniture - Proprietary**	**207 days**	**1 Jul '22**	**5 Mar '23**	**76 days**		
1126		3.11.2.16.1	Vendor Award	24 days	1 Jul '22	29 Jul '22	0 days		1127
1127		3.11.2.16.2	Coordination / Shop Drawings	86 days	30 Jul '22	9 Nov '22	0 days	1126	1128
1128		3.11.2.16.3	Arch. & M&E Work	46 days	10 Nov '22	4 Jan '23	0 days	1127	1129
1129		3.11.2.16.6	Allow Access to DCV	1 day	5 Jan '23	5 Jan '23	0 days	1128	1130
1130		3.11.2.16.7	Equipment Installation	24 days	6 Jan '23	4 Feb '23	1 day	1129	1131
1131		3.11.2.16.8	M&E T&C	24 days	6 Feb '23	4 Mar '23	0 days	1130	1132
1132		3.11.2.16.9	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1131	4
1133		**3.11.2.17**	**Emergency Monitoring Equipment**	**207 days**	**1 Jul '22**	**5 Mar '23**	**52 days**		
1134		3.11.2.17.1	Vendor Award	24 days	1 Jul '22	29 Jul '22	0 days		1135
1135		3.11.2.17.2	Coordination / Shop Drawings	86 days	30 Jul '22	9 Nov '22	0 days	1134	1136
1136		3.11.2.17.3	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1135	1137
1137		3.11.2.17.4	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1136	1138
1138		3.11.2.17.5	Equipment Installation	23 days	5 Jan '23	2 Feb '23	4 days	1137	1235,1139
1139		3.11.2.17.6	M&E T&C	23 days	7 Feb '23	4 Mar '23	0 days	1138	1140
1140		3.11.2.17.7	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1139	4
1141		**3.11.2.18**	**Eye Equipment**	**181 days**	**2 Aug '22**	**5 Mar '23**	**52 days**		
1142		3.11.2.18.1	Vendor Award	24 days	2 Aug '22	30 Aug '22	0 days		1143
1143		3.11.2.18.2	Coordination / Shop Drawings	60 days	31 Aug '22	9 Nov '22	0 days	1142	1144
1144		3.11.2.18.3	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1143	1145
1145		3.11.2.18.4	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1144	1146
1146		3.11.2.18.4	Equipment Installation	23 days	5 Jan '23	2 Feb '23	4 days	1145	1235,1147
1147		3.11.2.18.5	M&E T&C	23 days	7 Feb '23	4 Mar '23	0 days	1146	1148
1148		3.11.2.18.6	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1147	4
1149		**3.11.2.19**	**Neurology Equipment**	**180 days**	**3 Aug '22**	**5 Mar '23**	**51 days**		
1150		3.11.2.19.1	Vendor Award	24 days	3 Aug '22	31 Aug '22	0 days		1151
1151		3.11.2.19.2	Coordination / Shop Drawings	59 days	1 Sep '22	9 Nov '22	0 days	1150	1152
1152		3.11.2.19.3	Arch. & M&E Work	45 days	10 Nov '22	3 Jan '23	0 days	1151	1153



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

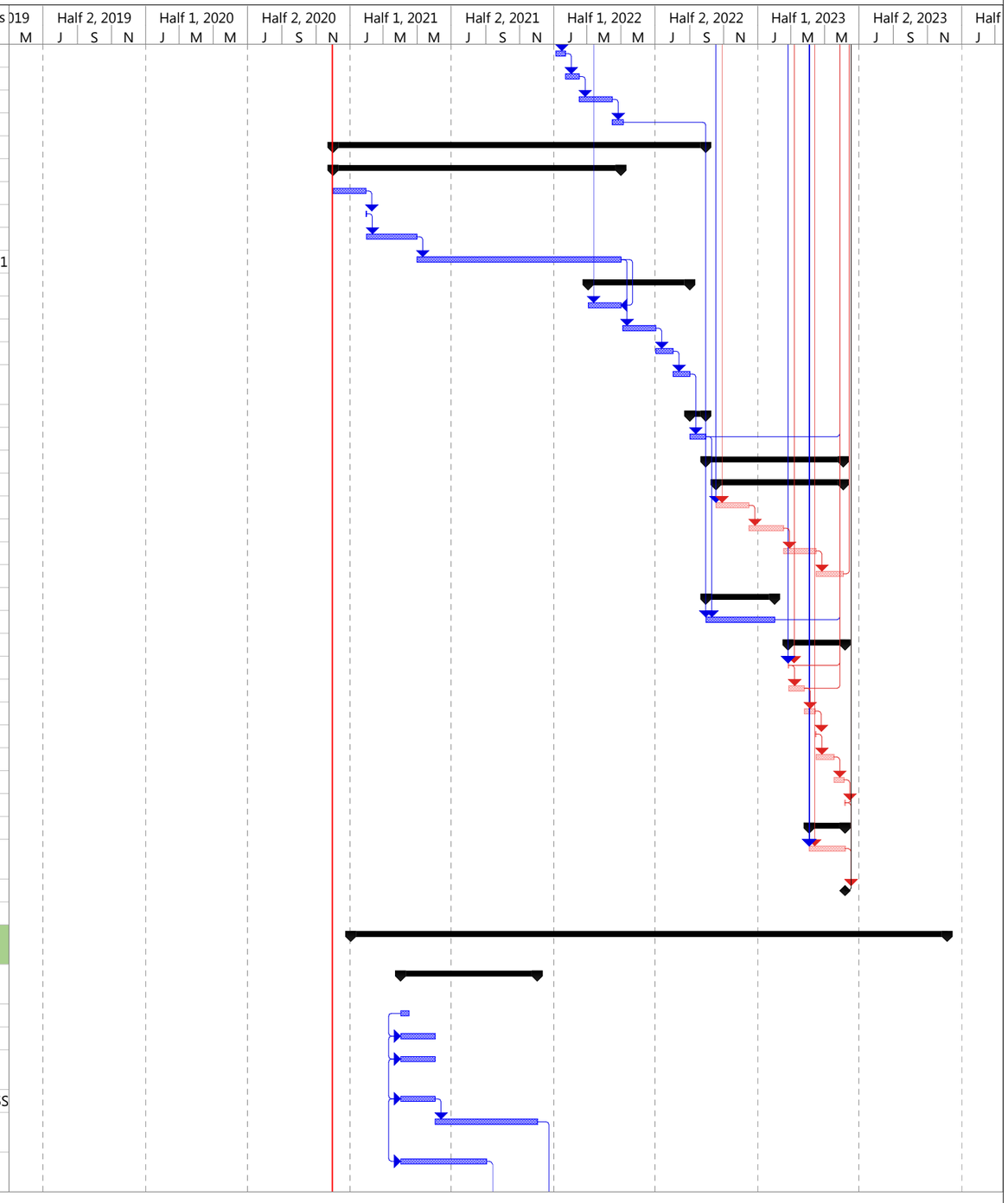
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1153		3.11.2.19.4	Allow Access to DCV	1 day	4 Jan '23	4 Jan '23	0 days	1152	1154
1154		3.11.2.19.5	Equipment Installation	24 days	5 Jan '23	3 Feb '23	2 days	1153	1235,1155
1155		3.11.2.19.6	M&E T&C	24 days	6 Feb '23	4 Mar '23	0 days	1154	1156
1156		3.11.2.19.7	Room Handover	1 day	5 Mar '23	5 Mar '23	76 days	1155	4
1157		**3.11.2.20**	**Storage Equipment (Generally Non-Medical Type Equipment)**	**183 days**	**1 Sep '22**	**5 Apr '23**	**23 days**		
1158		3.11.2.20.1	Vendor Award	24 days	1 Sep '22	28 Sep '22	0 days		1159
1159		3.11.2.20.2	Coordination / Shop Drawings	62 days	29 Sep '22	10 Dec '22	0 days	1158	1160
1160		3.11.2.20.3	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1159	1161
1161		3.11.2.20.4	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1160	1162
1162		3.11.2.20.5	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1161	1235,1163
1163		3.11.2.20.6	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1162	1164
1164		3.11.2.20.7	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1163	4
1165		**3.11.2.21**	**Training Equipment**	**183 days**	**1 Sep '22**	**5 Apr '23**	**23 days**		
1166		3.11.2.21.1	Vendor Award	24 days	1 Sep '22	28 Sep '22	0 days		1167
1167		3.11.2.21.2	Coordination / Shop Drawings	62 days	29 Sep '22	10 Dec '22	0 days	1166	1168
1168		3.11.2.21.3	Arch. & M&E Work	45 days	12 Dec '22	5 Feb '23	0 days	1167	1169
1169		3.11.2.21.4	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1168	1170
1170		3.11.2.21.5	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1169	1235,1171
1171		3.11.2.21.6	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1170	1172
1172		3.11.2.21.7	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1171	4
1173		**3.11.2.22**	**Waste Management Equipment**	**157 days**	**1 Oct '22**	**5 Apr '23**	**23 days**		
1174		3.11.2.22.1	Vendor Award	24 days	1 Oct '22	29 Oct '22	0 days		1175
1175		3.11.2.22.2	Coordination / Shop Drawings	51 days	31 Oct '22	29 Dec '22	0 days	1174	1176
1176		3.11.2.22.3	Arch. & M&E Work	30 days	30 Dec '22	5 Feb '23	0 days	1175	1177
1177		3.11.2.22.4	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1176	1178
1178		3.11.2.22.5	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1177	1235,1179
1179		3.11.2.22.6	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1178	1180
1180		3.11.2.22.7	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1179	4
1181		**3.11.2.23**	**Bedhead (Medical Equipment ; Normal under the MEP Medical Gas Services)**	**157 days**	**1 Oct '22**	**5 Apr '23**	**23 days**		
1182		3.11.2.23.1	Vendor Award	24 days	1 Oct '22	29 Oct '22	0 days		1183
1183		3.11.2.23.2	Coordination / Shop Drawings	51 days	31 Oct '22	29 Dec '22	0 days	1182	1184
1184		3.11.2.23.3	Arch. & M&E Work	30 days	30 Dec '22	5 Feb '23	0 days	1183	1185
1185		3.11.2.23.4	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1184	1186
1186		3.11.2.23.5	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1185	1235,1187
1187		3.11.2.23.6	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1186	1188
1188		3.11.2.23.7	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1187	4
1189		**3.11.2.24**	**Miscellaneous / Ancillary Items (Non-Medical Equipment)**	**157 days**	**1 Oct '22**	**5 Apr '23**	**23 days**		
1190		3.11.2.24.1	Vendor Award	24 days	1 Oct '22	29 Oct '22	0 days		1191
1191		3.11.2.24.2	Coordination / Shop Drawings	51 days	31 Oct '22	29 Dec '22	0 days	1190	1192
1192		3.11.2.24.3	Arch. & M&E Work	30 days	30 Dec '22	5 Feb '23	0 days	1191	1193
1193		3.11.2.24.4	Allow Access to DCV	1 day	6 Feb '23	6 Feb '23	0 days	1192	1194
1194		3.11.2.24.5	Equipment Installation	25 days	7 Feb '23	6 Mar '23	0 days	1193	1235,1195
1195		3.11.2.24.6	M&E T&C	25 days	7 Mar '23	4 Apr '23	0 days	1194	1196
1196		3.11.2.24.7	Room Handover	1 day	5 Apr '23	5 Apr '23	49 days	1195	4
1197		**3.12**	**External Works**	**555 days**	**1 Dec '20**	**29 Sep '22**	**107 days**		
1198		**3.12.1**	**External Works (A)**	**130 days**	**27 Nov '21**	**4 May '22**	**231 days**		
1199		**3.12.1.1**	**Underground Fuel Tank**	**130 days**	**27 Nov '21**	**4 May '22**	**231 days**		
1200		3.12.1.1.1	Micro Pile	30 days	27 Nov '21	3 Jan '22	0 days	102	1201



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

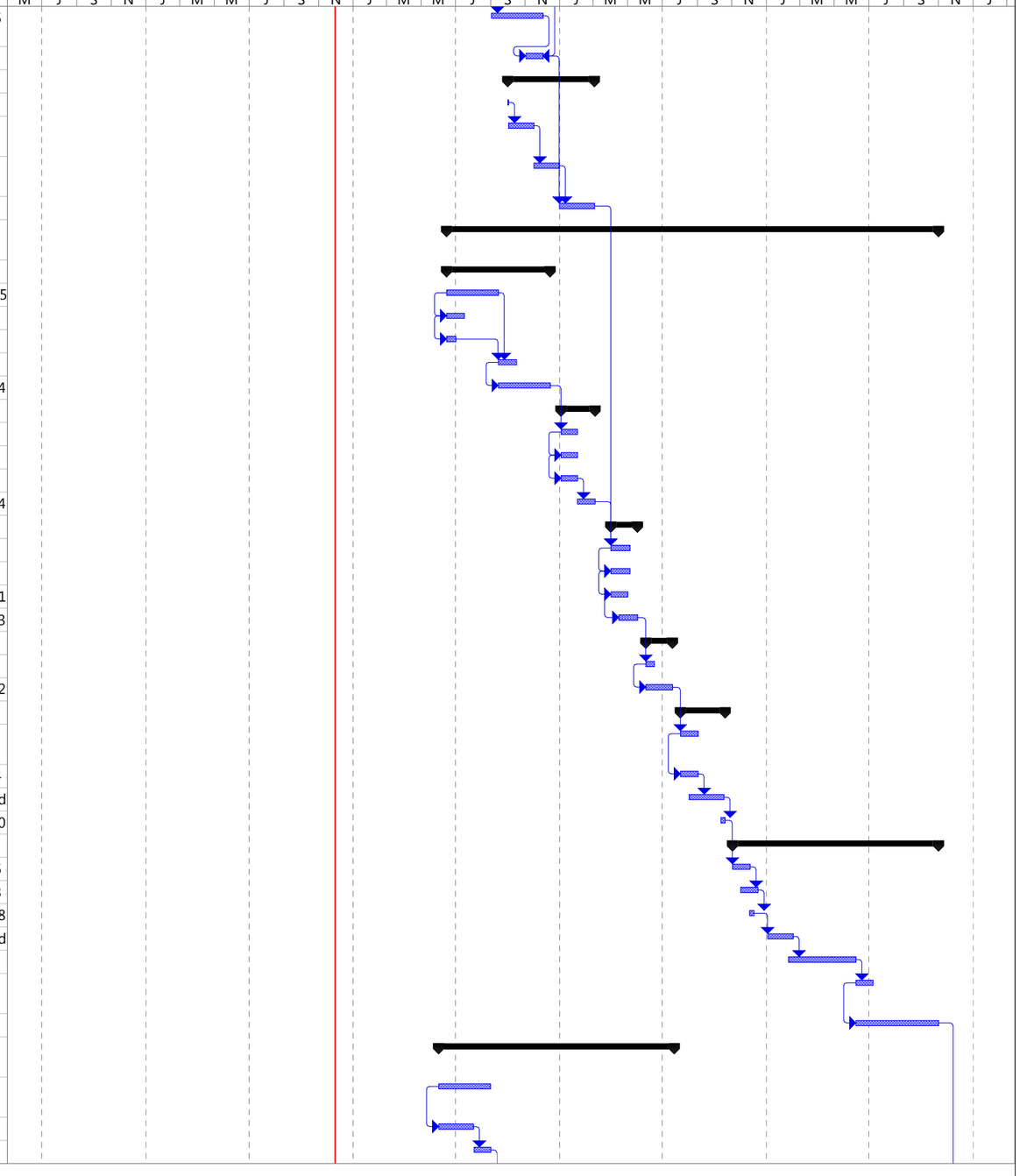
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1201		3.12.1.1.2	ERSS Works	15 days	4 Jan '22	20 Jan '22	0 days	1200	1202
1202		3.12.1.1.3	Struteed Excavation to Formation Level	20 days	21 Jan '22	14 Feb '22	0 days	1201	1203
1203		3.12.1.1.4	Construct Tank Base, Wall & Top Slab	50 days	15 Feb '22	14 Apr '22	0 days	1202	1204
1204		3.12.1.1.5	Remove ERSS Wall & Backfill	15 days	15 Apr '22	4 May '22	124 days	1203	1225
1205		**3.12.2**	**External Works (B)**	**555 days**	**1 Dec '20**	**29 Sep '22**	**107 days**		
1206		**3.12.2.1**	**Hospital Boulevard Temporary Roadworks**	**430 days**	**1 Dec '20**	**30 Apr '22**	**107 days**		
1207		3.12.2.1.1	Authority Submission	50 days	1 Dec '20	28 Jan '21	0 days		1208
1208		3.12.2.1.2	Road Handover	1 day	29 Jan '21	29 Jan '21	0 days	1207	1209
1209		3.12.2.1.3	Constrruction of Temporary Ingress (Part 1	75 days	30 Jan '21	29 Apr '21	0 days	1208	1210
1210		3.12.2.1.4	Temporary Usage of Egress for Constructic	304 days	30 Apr '21	30 Apr '22	0 days	1209	1212FF,121
1211		**3.12.2.2**	**Hospital Boulevard Permanent Roadworks**	**150 days**	**3 Mar '22**	**31 Aug '22**	**157 days**		
1212		3.12.2.2.1	Construction of Ingress	50 days	3 Mar '22	30 Apr '22	486 days	113,1210FF	
1213		3.12.2.2.2	Construction of Egress	50 days	4 May '22	1 Jul '22	0 days	1210	1214
1214		3.12.2.2.3	Construction of Foothpath	25 days	2 Jul '22	1 Aug '22	0 days	1213	1215
1215		3.12.2.2.4	Construction of Roadworks along Hospital Boulevard	25 days	2 Aug '22	31 Aug '22	0 days	1214	1217
1216		**3.12.2.3**	**Reinstatement Works**	**25 days**	**1 Sep '22**	**29 Sep '22**	**107 days**		
1217		3.12.2.3.1	Reinstatement Works	25 days	1 Sep '22	29 Sep '22	0 days	1215	4,1225
1218		**3.13**	**Landscape Works**	**205 days**	**30 Sep '22**	**2 Jun '23**	**2 days**		
1219		**3.13.1**	**Level 6 Garden**	**190 days**	**18 Oct '22**	**2 Jun '23**	**2 days**		
1220		3.13.1.1	Archi. and M&E Works	50 days	18 Oct '22	15 Dec '22	0 days	250,256	1221
1221		3.13.1.2	Hardscape	50 days	16 Dec '22	15 Feb '23	0 days	1220	1222
1222		3.13.1.3	Irrigation System	50 days	16 Feb '23	14 Apr '23	0 days	1221	1223
1223		3.13.1.3	Softscape	40 days	15 Apr '23	2 Jun '23	2 days	1222	4
1224		**3.13.2**	**External**	**100 days**	**30 Sep '22**	**30 Jan '23**	**107 days**		
1225		3.13.2.1	External Landscape / Reinstatement	100 days	30 Sep '22	30 Jan '23	107 days	1204,1217	4
1226		**4**	**RI / TOP Inspection**	**85 days**	**24 Feb '23**	**5 Jun '23**	**0 days**		
1227		4.1	RI Inspection	1 day	24 Feb '23	24 Feb '23	0 days	258,262,281,335,24	4,1228
1228		4.2	RI Comments & Rectification	25 days	25 Feb '23	24 Mar '23	0 days	1227	1229,4
1229		4.3	BCA TOP Ready for Application by SOR	16 days	25 Mar '23	13 Apr '23	0 days	1228	1230
1230		4.4	BCA 1st Inspection	1 day	14 Apr '23	14 Apr '23	0 days	1229	1231
1231		4.5	Rectification of BCA Comments	25 days	15 Apr '23	16 May '23	0 days	1230	1232
1232		4.6	BCA 2nd Inspection	16 days	17 May '23	3 Jun '23	0 days	1231	1233
1233		4.7	TOP Obtain	1 day	5 Jun '23	5 Jun '23	0 days	1232	4,1236
1234		**5**	**Substantial Completion of Phase 1B**	**52 days**	**3 Apr '23**	**5 Jun '23**	**0 days**		
1235		5.1	Snagging & Desnagging, Equipment Final check-up & Handover	52 days	3 Apr '23	5 Jun '23	0 days	190,930,940,950,95	1236
1236		5.2	Substantial Completion of Phase 1B	0 days	5 Jun '23	5 Jun '23	0 days	1233,1235	4
1237									
1238		**4**	**Phase 2A - Central Utility Plant (CUP) Migration Works**	**889 days**	**2 Jan '21**	**6 Dec '23**	**1 day**		
1239		**4.1**	**Phase 1 -M&E Works at OCH Service Tunnel (Total 280m)**	**203 days**	**1 Apr '21**	**1 Dec '21**	**79 days**		
1240		4.1.1	Hoarding Works	12 days	1 Apr '21	15 Apr '21	0 days		1241SS
1241		4.1.2	Knock Out Panel	49 days	1 Apr '21	1 Jun '21	0 days	1240SS	1242SS
1242		4.1.3	Relocation of OCH Electrical Panel Obstructing CHWP	49 days	1 Apr '21	1 Jun '21	0 days	1241SS	1243SS
1243		4.1.4	Related Diversion Works	49 days	1 Apr '21	1 Jun '21	0 days	1242SS	1244,1245S
1244		4.1.5	Chilled Water Pipes Installation Works at Tunnel and Carpark	154 days	2 Jun '21	1 Dec '21	0 days	1243	1247FF
1245		4.1.6	Trunking and Cable Support Installation for 22KV and 3.3KV Cable	126 days	1 Apr '21	1 Sep '21	0 days	1243SS	1246



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

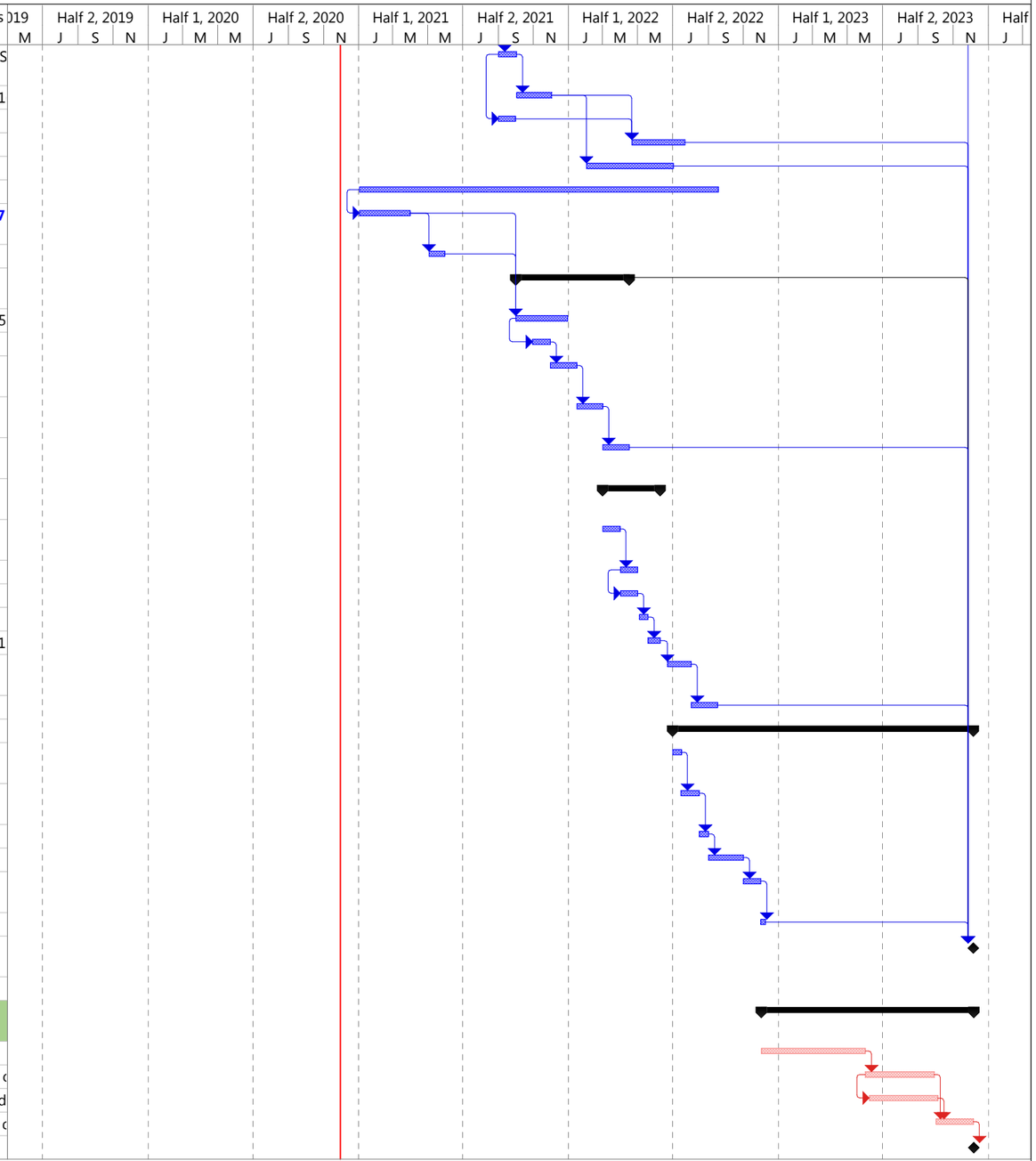
ID	Task Mode	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1246		4.1.7	Cable Pulling for 22KV and 3.3KV, Including Cable Joint	77 days	2 Sep '21	1 Dec '21	0 days	1245	1247FS-25 days
1247		4.1.8	Dismantling of Hoarding	25 days	2 Nov '21	1 Dec '21	24 days	1246FS-25 days,12	1252
1248		**4.2**	**Connection to Circuit 1 at Block 4 Trench**	**127 days**	**1 Oct '21**	**2 Mar '22**	**55 days**		
1249		4.1	Take Over RC Enclosure c/w MCT	1 day	1 Oct '21	1 Oct '21	0 days		1250
1250		4.2	Phase 1 Removal of Removable Slab, Pipe Laying, Reinstatement	37 days	2 Oct '21	15 Nov '21	0 days	1249	1251
1251		4.3	Phase 2 Removal of Removable Slab, Pipe Laying, Reinstatement	38 days	16 Nov '21	30 Dec '21	0 days	1250	1252
1252		4.4	Pipe Laying Works	51 days	31 Dec '21	2 Mar '22	25 days	1251,1247	1266
1253		**4.3**	**Connection of Circuit 1 (Block 4) and SGH Service Tunnel**	**724 days**	**15 Jun '21**	**31 Oct '23**	**30 days**		
1254		**4.3.1**	**Phase 1 Hoarding Works (6 Months)**	**154 days**	**15 Jun '21**	**14 Dec '21**	**30 days**		
1255		4.3.1.1	Obtain 2 Nos. dia.50mm Coupon and Lab Tes	76 days	15 Jun '21	13 Sep '21	0 days		1256SS,125
1256		4.3.1.2	Removal of Telelift and Trunking	27 days	15 Jun '21	15 Jul '21	0 days	1255SS	1257SS
1257		4.3.1.3	Demolition of Existing Wall	14 days	15 Jun '21	30 Jun '21	62 days	1256SS	1258
1258		4.3.1.4	Diversion and Reinstatement of Pneumatic Tu	28 days	14 Sep '21	15 Oct '21	0 days	1257,1255	1259SS
1259		4.3.1.5	Hot Tapping Works for 4 Nos dia.250mm CHV	78 days	14 Sep '21	14 Dec '21	0 days	1258SS	1261FS+14
1260		**4.3.2**	**Phase 2 Hoarding Works**	**51 days**	**3 Jan '22**	**3 Mar '22**	**30 days**		
1261		4.3.2.1	Removal of Telelift and Trunking	25 days	3 Jan '22	31 Jan '22	0 days	1259FS+14 days	1262SS
1262		4.3.2.2	Diversion and Reinstatement of Pneumatic Tu	25 days	3 Jan '22	31 Jan '22	0 days	1261SS	1263SS
1263		4.3.2.3	Coring Works 2 Nos. of 900mm dia.	25 days	3 Jan '22	31 Jan '22	0 days	1262SS	1264
1264		4.3.2.4	Pipe Laying Works	26 days	1 Feb '22	3 Mar '22	0 days	1263	1266FS+24
1265		**4.3.3**	**Phase 3 Hoarding Works**	**36 days**	**1 Apr '22**	**17 May '22**	**30 days**		
1266		4.3.3.1	Removal of Telelift and Trunking	26 days	1 Apr '22	4 May '22	0 days	1264FS+24 days,12	1267SS
1267		4.3.3.2	Diversion and Reinstatement of Pneumatic Tu	26 days	1 Apr '22	4 May '22	0 days	1266SS	1268SS
1268		4.3.3.3	Coring Works 2 Nos. of 900mm dia.	25 days	1 Apr '22	30 Apr '22	0 days	1267SS	1269SS+11
1269		4.3.3.4	Pipe Laying Works	25 days	15 Apr '22	17 May '22	0 days	1268SS+11 days	1271FS+13
1270		**4.3.4**	**Phase 4 Hoarding Works**	**39 days**	**2 Jun '22**	**18 Jul '22**	**30 days**		
1271		4.3.4.1	Removal of Telelift and Trunking	13 days	2 Jun '22	16 Jun '22	0 days	1269FS+13 days	1272SS
1272		4.3.4.2	Pipe Laying Works	39 days	2 Jun '22	18 Jul '22	0 days	1271SS	1274FS+12
1273		**4.3.5**	**Phase 5 Hoarding Works**	**67 days**	**2 Aug '22**	**19 Oct '22**	**30 days**		
1274		4.3.5.1	Diversion of Camera, Exit Sign and Convex Mirror Replacement	26 days	2 Aug '22	1 Sep '22	0 days	1272FS+12 days	1275SS
1275		4.3.5.2	Removal of Telelift and Trunking	26 days	2 Aug '22	1 Sep '22	0 days	1274SS	1276FS-14
1276		4.3.5.3	Pipe Laying Works	53 days	17 Aug '22	17 Oct '22	0 days	1275FS-14 days	1277FS-5 d
1277		4.3.5.4	Installation of 2 Nos. Low Level Gantries	7 days	12 Oct '22	19 Oct '22	0 days	1276FS-5 days	1279FS+10
1278		**4.3.6**	**Phase 6 Hoarding Works**	**304 days**	**2 Nov '22**	**31 Oct '23**	**30 days**		
1279		4.3.6.1	Removal of Telelift and Trunking	27 days	2 Nov '22	2 Dec '22	0 days	1277FS+10 days	1280FS-15
1280		4.3.6.2	Pipe Laying Works	27 days	16 Nov '22	16 Dec '22	0 days	1279FS-15 days	1281FS-13
1281		4.3.6.3	Installation of 1 No. Low Level Gantries	7 days	2 Dec '22	9 Dec '22	0 days	1280FS-13 days	1282FS+18
1282		4.3.6.4	Pipe Flushing Works	38 days	3 Jan '23	16 Feb '23	0 days	1281FS+18 days	1283FS-7 d
1283		4.3.6.5	System T&C (ACMV)	99 days	9 Feb '23	7 Jun '23	0 days	1282FS-7 days	1284
1284		4.3.6.6	Hoarding Works for Termination of Existing CHWP	25 days	8 Jun '23	7 Jul '23	0 days	1283	1285SS
1285		4.3.6.7	Termination of Existing Chilled Water Pipes	123 days	8 Jun '23	31 Oct '23	29 days	1284SS	1319
1286		**4.4**	**Connection to Circuit 2 (Block 6) and SGH Service Tunnel**	**346 days**	**1 Jun '21**	**21 Jul '22**	**420 days**		
1287		4.4.1	Obtain 2 Nos. dia. 50mm Coupon and Lab Test Including Review	76 days	1 Jun '21	30 Aug '21	0 days		1288SS
1288		4.4.2	Diversion of Pneumatic Tube	52 days	1 Jun '21	31 Jul '21	0 days	1287SS	1289
1289		4.4.3	Diversion of HT Genset Cables	25 days	2 Aug '21	31 Aug '21	0 days	1288	1290



Project: SGH H9A
Date of Submission: 30 Nov 20

Task	Rolled Up Progress	Inactive Task	Duration-only	External Tasks	Deadline		
Milestone	Split	Inactive Milestone	Manual Summary Rollup	External Milestone			
Summary	External Tasks	Inactive Milestone	Manual Summary	Critical			
Rolled Up Task	Project Summary	Inactive Summary	Start-only	Critical Split			
Rolled Up Milestone	Group By Summary	Manual Task	Finish-only	Progress			

ID	Task Mod	Activity ID	Task Name	Duration	Start	Finish	Free Slack	Predecessors	Successors
1290		4.4.4	Shortening of Main Sprinkler Pipes and Reconnection of Branch Pipes	27 days	1 Sep '21	1 Oct '21	0 days	1289	1291,1292S
1291		4.4.5	Coring Works 2 Nos. of 900mm dia.	51 days	2 Oct '21	1 Dec '21	0 days	1290	1293FS+11
1292		4.4.6	Hot Tapping Works for 4 Nos. dia. 250mm CHW	25 days	1 Sep '21	29 Sep '21	169 days	1290SS	1293
1293		4.4.7	Pipe Laying Works	75 days	21 Apr '22	21 Jul '22	419 days	1292,1291FS+116	1319
1294		4.4.8	BMS Works	125 days	1 Feb '22	1 Jul '22	435 days	1291FS+50 days	1319
1295		**4.5**	**22KV and 3.3KV Works**	**519 days**	**2 Jan '21**	**17 Sep '22**	**0 days**		**1296SS**
1296		**4.6**	**Cable Detection Along Singapore Eye Center (By Daidan)**	**75 days**	**2 Jan '21**	**30 Mar '21**	**26 days**	**1295SS**	**1299,1297**
1297		**4.7**	**Take Over MCT at SNEC**	**22 days**	**3 May '21**	**29 May '21**	**104 days**	**1296**	**1299**
1298		**4.8**	**22KV and 3.3KV Works Along SGH Tunnel, Block 2, 3, 6**	**164 days**	**1 Oct '21**	**15 Apr '22**	**498 days**		**1319**
1299		4.8.1	Hoarding Works	75 days	1 Oct '21	29 Dec '21	0 days	1296,1297	1300SS+25
1300		4.8.2	Wall Opening / Coring Works	25 days	30 Oct '21	29 Nov '21	0 days	1299SS+25 days	1301
1301		4.8.3	22KV and 3.3KV Trunking and Cable Support Installation at Block 6 and Block 2	38 days	30 Nov '21	14 Jan '22	0 days	1300	1302
1302		4.8.4	3.3KV Trunking and Cable Support Installation at Block 3	37 days	15 Jan '22	28 Feb '22	0 days	1301	1303
1303		4.8.5	Cable Pulling for 22KV and 3.3KV (From Cut Length at OCH) Include HT Cable Joint	39 days	1 Mar '22	15 Apr '22	498 days	1302	1319
1304		**4.9**	**22KV and 3.3KV Works Along Singapore National Eye Center (SNEC)**	**82 days**	**1 Mar '22**	**8 Jun '22**	**372 days**		
1305		4.9.1	Cable Detection Along Singapore Eye Center (By CCDC)	26 days	1 Mar '22	30 Mar '22	0 days		1306FS+1 day
1306		4.9.2	Excavation Works (Weekends)	25 days	1 Apr '22	30 Apr '22	0 days	1305FS+1 day	1307SS
1307		4.9.3	Laying of Lead-In Pipes and Draw Pits (Weekend	25 days	1 Apr '22	30 Apr '22	0 days	1306SS	1308
1308		4.9.4	Cables Pulling (Weekends)	12 days	4 May '22	18 May '22	0 days	1307	1309
1309		4.9.5	Road Pavement (Weekends)	18 days	19 May '22	8 Jun '22	0 days	1308	1310FS+11
1310		**4.10**	**System Switch Over & Testing and Commissioning (Elec)**	**34 days**	**22 Jun '22**	**1 Aug '22**	**0 days**	**1309FS+11 days**	**1311**
1311		**4.11**	**Existing Cable Removal**	**39 days**	**2 Aug '22**	**16 Sep '22**	**371 days**	**1310**	**1319**
1312		**4.12**	**IT Cable Containment**	**436 days**	**1 Jul '22**	**6 Dec '23**	**1 day**		
1313		4.12.1	Installation of Cable Trays Along Academia Tunnel into Academia Maintenance Corridor	12 days	1 Jul '22	15 Jul '22	0 days		1314FS-1 day
1314		4.12.2	Installation of Cable Trays at Bowyer Block Corridor	26 days	15 Jul '22	15 Aug '22	0 days	1313FS-1 day	1315
1315		4.12.3	Installation of Cable Trays at NHCS Underpass	14 days	16 Aug '22	31 Aug '22	0 days	1314	1316
1316		4.12.4	Installation of Cable Trays Along SGH Tunnel	51 days	1 Sep '22	31 Oct '22	0 days	1315	1317
1317		4.12.5	Installation of Cable Trunking Along Covered Linkway (Blk 4 to Bowyer Block)	26 days	1 Nov '22	30 Nov '22	0 days	1316	1318
1318		4.12.6	laying of Underground Pipes at Block 8 to HPB	7 days	1 Dec '22	8 Dec '22	301 days	1317	1319
1319		4.12.7	Phase 2A - Central Utility Plant (CUP) Migration Works Completion	0 days	6 Dec '23	6 Dec '23	1 day	1285,1293,1294,12	
1320									
1321		**5**	**Phase 2B - Signage (Authority, Wayfinding & Operation)**	**308 days**	**2 Dec '22**	**6 Dec '23**	**0 days**		
1322		5.1	Submission & Approval of Shopdrawing/Sample/M	150 days	2 Dec '22	31 May '23	0 days		1323
1323		5.2	Architectural Fitting-Up Works	100 days	1 Jun '23	28 Sep '23	0 days	1322	1324SS+5 d
1324		5.3	M&E Fitting-Up & Testing	100 days	8 Jun '23	4 Oct '23	0 days	1323SS+5 days	1325FS-3 d
1325		5.4	Handover Inspection	55 days	2 Oct '23	5 Dec '23	0 days	1323,1324FS-3 day	1326FS+1 d
1326		5.5	Handover & Completion	0 days	6 Dec '23	6 Dec '23	0 days	1325FS+1 day	

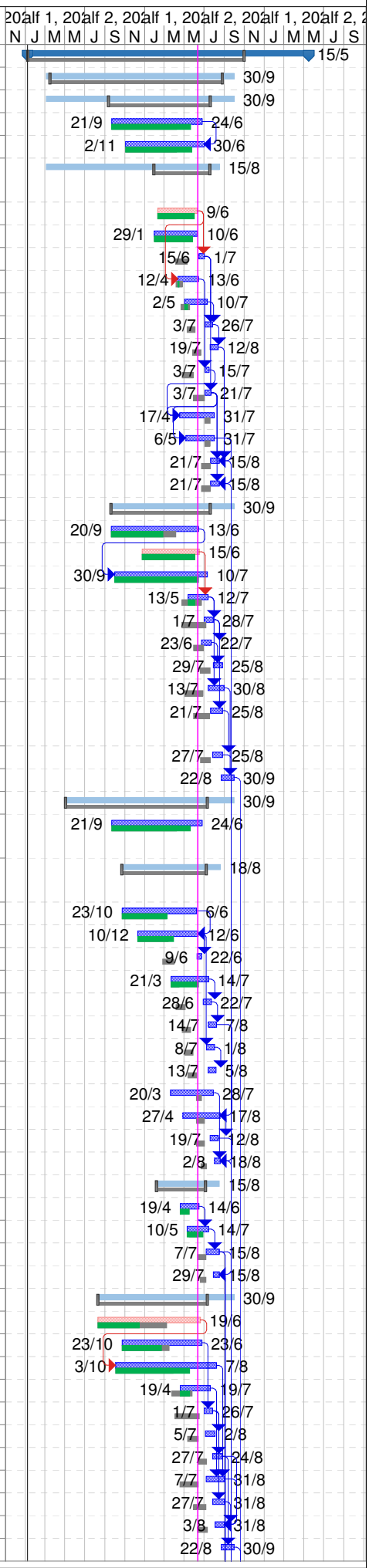


Project: SGH H9A
Date of Submission: 30 Nov 20

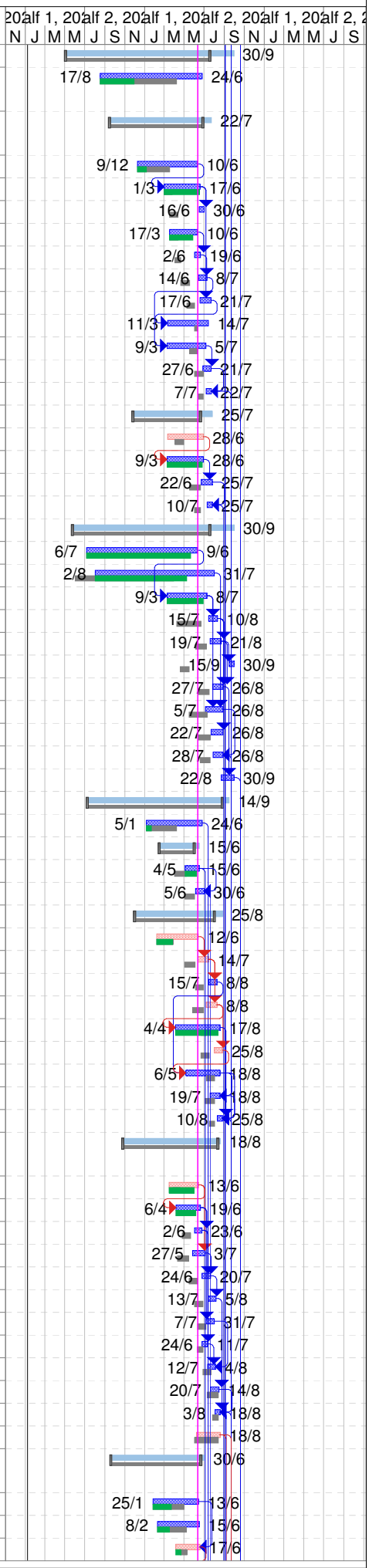
Task
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary
Group By Summary
Inactive Task
Inactive Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Critical
Critical Split
Progress
Deadline

Catch Up Construction Programme dated 12 Jun 2023

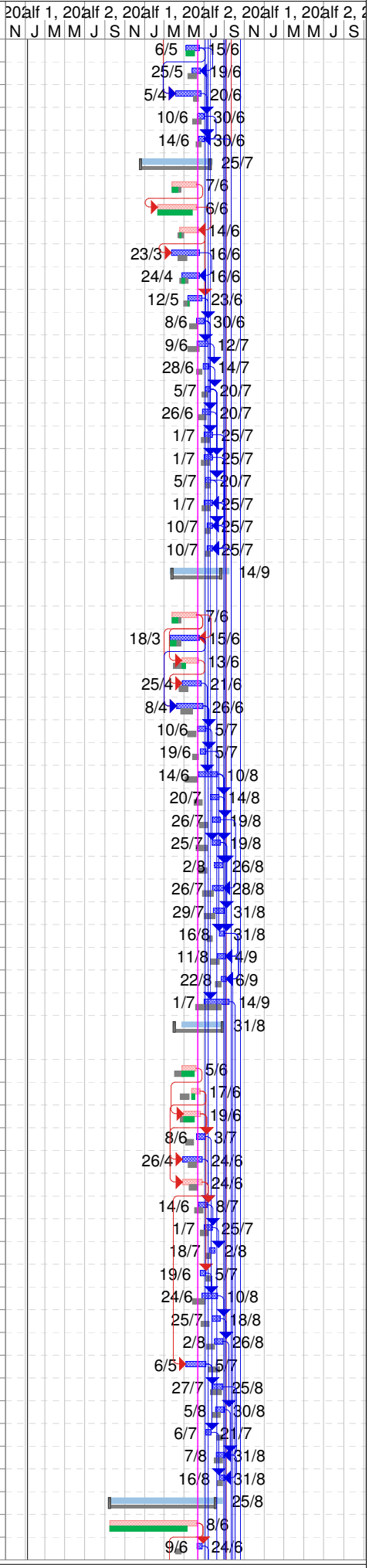
ID	Task Name	Duration	Start	Finish
0	**Archi and M&E Works (Main Building)**	**710 days**	**8/1/22**	**15/5/24**
1	**Basement 4 to Level 2**	**476 days**	**4/3/22**	**30/9/23**
2	**Basement 4**	**476 days**	**4/3/22**	**30/9/23**
18	Remaining RC Structure (Stair 3 & 7 etc)	229 days	21/9/22	24/6/23
20	Structure Clearance	198 days	2/11/22	30/6/23
21	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-I) & Smoke Stop Lobbies**	**436 days**	**4/3/22**	**15/8/23**
24	Plaster / Skimcoat (Wall & Ceiling)	100 days	9/2/23	9/6/23
25	M&E 1st Fix	110 days	29/1/23	10/6/23
27	Floor Screeding	14 days	15/6/23	1/7/23
29	Door Frames	51 days	12/4/23	13/6/23
30	M&E 2nd Fix (Ceiling)	58 days	2/5/23	10/7/23
31	Ceiling 2nd Fix	21 days	3/7/23	26/7/23
32	Ceiling Finishes	21 days	19/7/23	12/8/23
33	Wall Finishes	12 days	3/7/23	15/7/23
34	Floor Finishes	17 days	3/7/23	21/7/23
35	Door Panel & Ironmongeries	87 days	17/4/23	31/7/23
36	Painting and Balance Ceiling Works	72 days	6/5/23	31/7/23
37	M&E Final Fix (Fittings, Lighting, etc)	21 days	21/7/23	15/8/23
38	Misc. Finishes and Signage	21 days	21/7/23	15/8/23
39	**Zone 2 : Carpark & Circular Ramp (GL 1-10a/C-K)**	**312 days**	**20/9/22**	**30/9/23**
40	Ceiling Skimcoat	220 days	20/9/22	13/6/23
41	Plaster / Skimcoat	142 days	23/12/22	15/6/23
42	M&E 1st & 2nd Fix	233 days	30/9/22	10/7/23
43	Wall Finishes (Painting)	50 days	13/5/23	12/7/23
44	Floor Finishes (Epoxy Coating)	24 days	1/7/23	28/7/23
45	Metal Works	25 days	23/6/23	22/7/23
46	Lot / Road Marking	23 days	29/7/23	25/8/23
47	M&E Final Fix	41 days	13/7/23	30/8/23
48	Wheel Stopper/ Bollard/ Column Guard/ Misc. Finishes	30 days	21/7/23	25/8/23
49	Signage	25 days	27/7/23	25/8/23
50	Carpark Management System	35 days	22/8/23	30/9/23
51	**Basement 3**	**428 days**	**4/5/22**	**30/9/23**
52	Remaining RC Structure (Skinwall/ Water Tank/ Stair 3 & 7 etc)	229 days	21/9/22	24/6/23
56	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H) & Smoke Stop Lobbies**	**246 days**	**23/10/22**	**18/8/23**
58	ALC Block	185 days	23/10/22	6/6/23
61	Plaster / Skimcoat	150 days	10/12/22	12/6/23
62	Floor Screeding	12 days	9/6/23	22/6/23
65	M&E 2nd Fix (Ceiling)	95 days	21/3/23	14/7/23
66	Ceiling 2nd Fix	21 days	28/6/23	22/7/23
67	Ceiling Finishes	21 days	14/7/23	7/8/23
68	Wall Finishes	21 days	8/7/23	1/8/23
69	Floor Finishes	21 days	13/7/23	5/8/23
70	Door Panel & Ironmongeries	108 days	20/3/23	28/7/23
71	Painting and Balance Ceiling Works	93 days	27/4/23	17/8/23
72	M&E Final Fix (Fittings, Lighting, etc)	21 days	19/7/23	12/8/23
73	Misc. Finishes and Signage	14 days	2/8/23	18/8/23
74	**M&E Rooms**	**158 days**	**6/2/23**	**15/8/23**
85	Floor Finishes	46 days	19/4/23	14/6/23
86	Putty / Painting Works	55 days	10/5/23	14/7/23
88	M&E Final Fix	33 days	7/7/23	15/8/23
89	Signage	14 days	29/7/23	15/8/23
90	**Zone 2 : Carpark & Circular Ramp (GL 1-10a/C-K)**	**347 days**	**10/8/22**	**30/9/23**
91	Ceiling Skimcoat	260 days	10/8/22	19/6/23
92	Plaster / Skimcoat	200 days	23/10/22	23/6/23
93	M&E 1st & 2nd Fix	255 days	3/10/22	7/8/23
94	Wall Finishes (Painting)	75 days	19/4/23	19/7/23
95	Floor Finishes (Epoxy Coating)	22 days	1/7/23	26/7/23
96	Metal Works	25 days	5/7/23	2/8/23
97	Lot / Road Marking	24 days	27/7/23	24/8/23
98	M&E Final Fix	47 days	7/7/23	31/8/23
99	Wheel Stopper/ Bollard/ Misc. Finishes	30 days	27/7/23	31/8/23
100	Signage	24 days	3/8/23	31/8/23
101	Carpark Management System	35 days	22/8/23	30/9/23



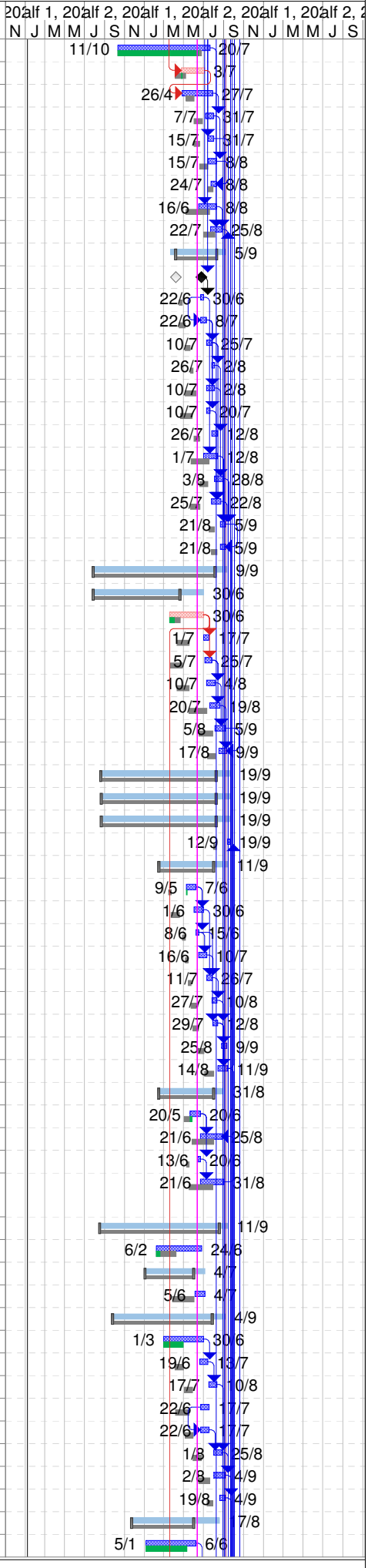
ID	Task Name	Duration	Start	Finish
102	**Basement 2**	**428 days**	**4/5/22**	**30/9/23**
103	Remaining RC Structure (Skinwall/ Water Tank/ Stair 3 & 7 etc)	259 days	17/8/22	24/6/23
107	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H) & Smoke Stop Lobbies**	**257 days**	**15/9/22**	**22/7/23**
110	ALC Block	150 days	9/12/22	10/6/23
113	Plaster / Skimcoat	90 days	1/3/23	17/6/23
114	Floor Screeding	12 days	16/6/23	30/6/23
117	M&E 2nd Fix (Ceiling)	70 days	17/3/23	10/6/23
118	Ceiling 2nd Fix	14 days	2/6/23	19/6/23
119	Ceiling Finishes	21 days	14/6/23	8/7/23
120	Wall and Floor Finishes	28 days	17/6/23	21/7/23
121	Door Panel & Ironmongeries	102 days	11/3/23	14/7/23
122	Painting and Balance Ceiling Works	97 days	9/3/23	5/7/23
123	M&E Final Fix (Fittings, Lighting, etc)	21 days	27/6/23	21/7/23
124	Misc. Finishes and Signage	14 days	7/7/23	22/7/23
125	**M&E Rooms**	**198 days**	**26/11/22**	**25/7/23**
137	Floor Finishes	90 days	11/3/23	28/6/23
138	Putty / Painting Works	92 days	9/3/23	28/6/23
140	M&E Final Fix	28 days	22/6/23	25/7/23
141	Misc. Finishes and Signage	14 days	10/7/23	25/7/23
142	**Zone 2 : Carpark & Circular Ramp (GL 1-10a/C-K)**	**411 days**	**25/5/22**	**30/9/23**
144	Plaster / Skimcoat	280 days	6/7/22	9/6/23
145	M&E 1st & 2nd Fix	301 days	2/8/22	31/7/23
146	Wall Finishes (Painting)	100 days	9/3/23	8/7/23
147	Floor Finishes (Epoxy Coating)	22 days	15/7/23	10/8/23
148	Metal Works	28 days	19/7/23	21/8/23
149	Roller Shutter / Fire Shutter Installation	14 days	15/9/23	30/9/23
150	Lot / Road Marking	26 days	27/7/23	26/8/23
151	M&E Final Fix	45 days	5/7/23	26/8/23
152	Wheel Stopper/ Bollard/ Misc. Finishes	30 days	22/7/23	26/8/23
153	Signage	25 days	28/7/23	26/8/23
154	Carpark Management System	35 days	22/8/23	30/9/23
155	**Basement 1**	**358 days**	**9/7/22**	**14/9/23**
169	Remaining RC Structure (Stair 3 & 7 etc)	141 days	5/1/23	24/6/23
171	**Tower Crane Foundation Demolition**	**101 days**	**14/2/23**	**15/6/23**
173	TC3	36 days	4/5/23	15/6/23
175	Structure Clearance at TC foundation	22 days	5/6/23	30/6/23
177	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**220 days**	**1/12/22**	**25/8/23**
180	ALC Block	105 days	6/2/23	12/6/23
185	Ceiling 2nd Fix	28 days	12/6/23	14/7/23
186	Ceiling Finishes	21 days	15/7/23	8/8/23
187	Wall Finishes	28 days	7/7/23	8/8/23
188	Door Panels (Risers)	111 days	4/4/23	17/8/23
189	Floor Finishes	21 days	1/8/23	25/8/23
190	Painting and Balance Ceiling Works	86 days	6/5/23	18/8/23
191	M&E Final Fix (Fittings, Lighting, etc)	25 days	19/7/23	18/8/23
192	Signage	14 days	10/8/23	25/8/23
193	**Zone 1 : FCC/ Soiled Linen Holding/ Store (GL 4-7/E-F)**	**245 days**	**26/10/22**	**18/8/23**
196	ALC Block	74 days	15/3/23	13/6/23
197	Plaster / Skimcoat	60 days	6/4/23	19/6/23
198	Floor Screeding	18 days	2/6/23	23/6/23
199	M&E and Ceiling 1st Fix	30 days	27/5/23	3/7/23
200	M&E 2nd Fix (Ceiling & Wall)	22 days	24/6/23	20/7/23
201	Ceiling Grid and Board Cover	21 days	13/7/23	5/8/23
202	Wall Finishes	21 days	7/7/23	31/7/23
203	M&E 2nd Fix (Floor)	14 days	24/6/23	11/7/23
204	Floor Finishes	21 days	12/7/23	4/8/23
205	ID Fitments/ M&E Final Fix	21 days	20/7/23	14/8/23
206	Misc. Finishes and Signage	13 days	3/8/23	18/8/23
207	**TC 2 Area (GL 4/F) FCC Interface**	60 days	8/6/23	18/8/23
208	**M&E Rooms (MDF/ PABX/ LAN etc) except Chiller Plant Room**	**235 days**	**19/9/22**	**30/6/23**
210	ALC Block & Balance ALC at Circular Ramp	116 days	25/1/23	13/6/23
211	Plaster / Skimcoat	106 days	8/2/23	15/6/23
213	Door Frame Installation	60 days	5/4/23	17/6/23



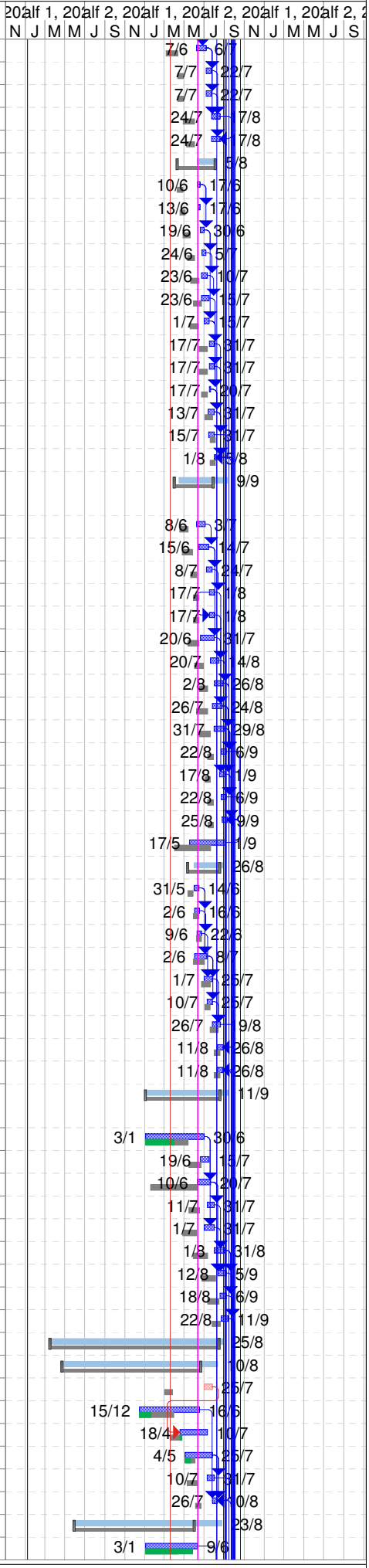
ID	Task Name	Duration	Start	Finish
217	Wall and Floor Finishes	34 days	6/5/23	15/6/23
218	Putty / Painting Works	21 days	25/5/23	19/6/23
219	Door Panel & Ironmongeries	62 days	5/4/23	20/6/23
220	M&E Final Fix	17 days	10/6/23	30/6/23
221	Signage	14 days	14/6/23	30/6/23
222	**Toilets / Changing Room**	**179 days**	**19/12/22**	**25/7/23**
223	Balance Thermal Insulation Spray	60 days	25/3/23	7/6/23
225	ALC Block	97 days	9/2/23	6/6/23
226	Waterproofing Works	48 days	17/4/23	14/6/23
227	Plaster / Skimcoat	70 days	23/3/23	16/6/23
228	M&E and Ceiling 1st Fix	45 days	24/4/23	16/6/23
229	Door Frame Installation	36 days	12/5/23	23/6/23
230	Wall & Floor Tiles	19 days	8/6/23	30/6/23
231	M&E and Ceiling 2nd Fix	28 days	9/6/23	12/7/23
232	Ceiling Finishes	14 days	28/6/23	14/7/23
233	Putty / Painting	14 days	5/7/23	20/7/23
234	Wall & Vanity Carcass	21 days	26/6/23	20/7/23
235	Staff Lockers	21 days	1/7/23	25/7/23
236	Toilet Cubicle Installation	21 days	1/7/23	25/7/23
237	Sanitary Wares & Accessories Installation	14 days	5/7/23	20/7/23
238	Vanity Table Top and Ledge & Mirror	21 days	1/7/23	25/7/23
239	M&E Final Fix	14 days	10/7/23	25/7/23
240	Signage	14 days	10/7/23	25/7/23
241	**Zone 2 : Assemble / Hold Room & Bin Centre (GL 1-10/F-K)**	**149 days**	**18/3/23**	**14/9/23**
242	Thermal Insulation Spray except TC2 Area	60 days	25/3/23	7/6/23
243	ALC Block	73 days	18/3/23	15/6/23
244	M&E 1st Fix	42 days	24/4/23	13/6/23
245	Ceiling 1st Fix	48 days	25/4/23	21/6/23
246	Plaster / Skimcoat	65 days	8/4/23	26/6/23
247	Floor Screeding	21 days	10/6/23	5/7/23
248	Door Frame Installation	14 days	19/6/23	5/7/23
249	M&E 2nd Fix (Wall & Ceiling)	48 days	14/6/23	10/8/23
250	Ceiling 2nd Fix (Grid)	21 days	20/7/23	14/8/23
251	Ceiling Finishes	21 days	26/7/23	19/8/23
252	Floor & Wall Finishes	22 days	25/7/23	19/8/23
253	ID Fitments Works	21 days	2/8/23	26/8/23
254	Painting and Balance Ceiling Works	28 days	26/7/23	28/8/23
255	Roller Shutter / Fire Shutter	28 days	29/7/23	31/8/23
256	Door Panel & Ironmongeries	14 days	16/8/23	31/8/23
257	M&E Final Fix	21 days	11/8/23	4/9/23
258	Signage	14 days	22/8/23	6/9/23
259	TC 2 Area (GL 3-4/F-G) Loading Bay/ Bin Centre	64 days	1/7/23	14/9/23
260	**Zone 3 : Mortuary Waiting Area/ Grieving Room/ Body Washing etc (GL 1-10a/C-E)**	**108 days**	**24/4/23**	**31/8/23**
261	Balance Thermal Insulation Spray	35 days	24/4/23	5/6/23
262	ALC Block	21 days	24/5/23	17/6/23
263	Balance M&E 1st Fix	42 days	29/4/23	19/6/23
264	Ceiling 1st Fix	21 days	8/6/23	3/7/23
265	Plaster / Skimcoat	50 days	26/4/23	24/6/23
266	Floor Screeding	50 days	26/4/23	24/6/23
267	Drywall 1st Fix	21 days	14/6/23	8/7/23
268	M&E 1st Fix (Drywall)	21 days	1/7/23	25/7/23
269	Drywall Closing	14 days	18/7/23	2/8/23
270	Door Frame Installation	14 days	19/6/23	5/7/23
271	M&E 2nd Fix (Ceiling)	39 days	24/6/23	10/8/23
272	Ceiling 2nd Fix (Grid)	21 days	25/7/23	18/8/23
273	Ceiling Finishes	21 days	2/8/23	26/8/23
274	Floor & Wall Finishes	50 days	6/5/23	5/7/23
275	ID Fitments Works	25 days	27/7/23	25/8/23
276	Painting and Balance Ceiling Works	21 days	5/8/23	30/8/23
277	Door Panel & Ironmongeries	14 days	6/7/23	21/7/23
278	M&E Final Fix	21 days	7/8/23	31/8/23
279	Misc. Finishes and Signage	14 days	16/8/23	31/8/23
280	**Zone 4 : Chiller Plant Room (GL 7-10a/A1-H)**	**285 days**	**15/9/22**	**25/8/23**
282	ALC/ Plaster/ Skimcoat	220 days	15/9/22	8/6/23
284	Door Frame Installation	14 days	9/6/23	24/6/23



ID	Task Name	Duration	Start	Finish
285	Installation of Chillers with piping works	233 days	11/10/22	20/7/23
286	M&E 2nd Fix (Wall)	58 days	24/4/23	3/7/23
287	Putty / Painting Works	77 days	26/4/23	27/7/23
288	Roller Shutter / Fire Shutter	21 days	7/7/23	31/7/23
289	Door Panel & Ironmongeries	14 days	15/7/23	31/7/23
290	M&E Final Fix	21 days	15/7/23	8/8/23
291	Misc. Finishes and Signage	14 days	24/7/23	8/8/23
292	TC 3 Area (GL 7-8/G-H)	45 days	16/6/23	8/8/23
293	Chiller T&C	29 days	22/7/23	25/8/23
294	**Zone 5 : Access to OCH (GL 7-11/A1-B1)**	**139 days**	**21/3/23**	**5/9/23**
296	Structure Completion at Staircase 7	0 days	24/6/23	24/6/23
297	Thermal Insulation Spray	7 days	22/6/23	30/6/23
298	ALC Block	14 days	22/6/23	8/7/23
299	Wall Plastering and Floor Screeding	14 days	10/7/23	25/7/23
300	Door Frame at Staircase 7 area	7 days	26/7/23	2/8/23
301	Ceiling Skimcoat at Corridor	21 days	10/7/23	2/8/23
302	Balance Plastering & Skimcoat along Skinwall	10 days	10/7/23	20/7/23
303	Painting Works at Ceiling	15 days	26/7/23	12/8/23
304	M&E 1st & 2nd Fix	36 days	1/7/23	12/8/23
305	Door & Roller Shutter Installation	21 days	3/8/23	28/8/23
306	Wall & Floor Finishes	24 days	25/7/23	22/8/23
307	M&E Final Fix	14 days	21/8/23	5/9/23
308	Misc. Finishes and Signage	14 days	21/8/23	5/9/23
309	**Muck Hole D (Circular Ramp Construction)**	**339 days**	**28/7/22**	**9/9/23**
310	**RC Works**	**279 days**	**28/7/22**	**30/6/23**
315	Balance L1 Structure	85 days	18/3/23	30/6/23
316	Skimcoat	14 days	1/7/23	17/7/23
317	ALC Block and Plastering	18 days	5/7/23	25/7/23
318	Painting	23 days	10/7/23	4/8/23
319	Floor Finishes	26 days	20/7/23	19/8/23
320	M&E Final Fix	26 days	5/8/23	5/9/23
321	Misc. Finishes and Signage	21 days	17/8/23	9/9/23
322	**Knock Out Panel Construction**	**328 days**	**20/8/22**	**19/9/23**
333	**Site Works**	**327 days**	**22/8/22**	**19/9/23**
334	**Temporary Works**	**327 days**	**22/8/22**	**19/9/23**
338	Removal of Temp Hoarding at OCH	7 days	12/9/23	19/9/23
339	**Builders Works**	**173 days**	**15/2/23**	**11/9/23**
341	B1 Lintel Beam Construction	25 days	9/5/23	7/6/23
342	Controled Demolition at B2 soffit to B4	24 days	1/6/23	30/6/23
344	B1 Down Hung Wall Construction	7 days	8/6/23	15/6/23
345	B3 Lintel Beam Construction	20 days	16/6/23	10/7/23
346	Structure Making-good and Clearance	14 days	11/7/23	26/7/23
347	Waterproofing Termination at Skinwall	12 days	27/7/23	10/8/23
348	Block Wall and Plastering	12 days	29/7/23	12/8/23
349	B3&B4 Roller Shutter / Fire Shutter Installation	14 days	25/8/23	9/9/23
350	Wall, Ceiling and Floor Finishes	25 days	14/8/23	11/9/23
351	**M&E Works**	**165 days**	**14/2/23**	**31/8/23**
353	Chilled Water Pipe Installation Interface at B2	26 days	20/5/23	20/6/23
354	Balance CUP Works	55 days	21/6/23	25/8/23
355	Trunking and Cable Support Installation	7 days	13/6/23	20/6/23
356	Trunking and Cable Support Installation for 22KV and 3.3KV Cable	60 days	21/6/23	31/8/23
357	**Level 1**	**324 days**	**17/8/22**	**11/9/23**
358	Remaining RC Structure (Stair 3 & 7 etc)	116 days	6/2/23	24/6/23
372	**Skinwall**	**150 days**	**3/1/23**	**4/7/23**
376	Balance RC Works (GL 1/B1)	25 days	5/6/23	4/7/23
383	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**284 days**	**26/9/22**	**4/9/23**
388	M&E 2nd Fix (Ceiling)	100 days	1/3/23	30/6/23
389	Ceiling 2nd Fix	21 days	19/6/23	13/7/23
390	Ceiling Finishes	21 days	17/7/23	10/8/23
391	Wall Finishes	21 days	22/6/23	17/7/23
393	Floor Finishes	21 days	22/6/23	17/7/23
394	Painting and Balance Ceiling Works	21 days	1/8/23	25/8/23
395	M&E Final Fix (Fittings, Lighting, etc)	28 days	2/8/23	4/9/23
396	Misc. Finishes and Signage	14 days	19/8/23	4/9/23
397	**Balance M&E Rooms**	**220 days**	**23/11/22**	**17/8/23**
402	Floor Finishes	125 days	5/1/23	6/6/23



ID	Task Name	Duration	Start	Finish
403	Putty / Painting Works	25 days	7/6/23	6/7/23
404	Roller Shutter / Fire Shutter	14 days	7/7/23	22/7/23
405	Door Panel & Ironmongeries	14 days	7/7/23	22/7/23
406	M&E Final Fix	21 days	24/7/23	17/8/23
407	Misc. Finishes and Signage	21 days	24/7/23	17/8/23
408	**Toilets / Changing Room**	**48 days**	**10/6/23**	**5/8/23**
409	Waterproofing Works	7 days	10/6/23	17/6/23
410	Door Frame Installation	5 days	13/6/23	17/6/23
411	Wall & Floor Tiles	10 days	19/6/23	30/6/23
412	M&E 2nd Fix (Ceiling)	9 days	24/6/23	5/7/23
413	Ceiling Finishes	14 days	23/6/23	10/7/23
414	Putty / Painting	19 days	23/6/23	15/7/23
415	Wall & Vanity Carcass	13 days	1/7/23	15/7/23
416	Staff Lockers	13 days	17/7/23	31/7/23
417	Toilet Cubicle Installation	13 days	17/7/23	31/7/23
418	Sanitary Wares & Accessories Installation	4 days	17/7/23	20/7/23
419	Vanity Table Top and Ledge & Mirror	16 days	13/7/23	31/7/23
420	M&E Final Fix	14 days	15/7/23	31/7/23
421	Misc. Finishes and Signage	5 days	1/8/23	5/8/23
422	**Zone 2 : Multi Purpose Room / Common Areas (GL 1-8/C-F)**	**122 days**	**15/4/23**	**9/9/23**
424	Balance ALB Block/ Floor Screeding along Skinwall	21 days	8/6/23	3/7/23
425	Drywall 1st Fix	25 days	15/6/23	14/7/23
426	M&E 1st Fix (Drywall)	14 days	8/7/23	24/7/23
427	Drywall Closing	14 days	17/7/23	1/8/23
428	Door Frame Installation	14 days	17/7/23	1/8/23
429	M&E 2nd Fix (Ceiling)	35 days	20/6/23	31/7/23
430	Ceiling 2nd Fix (Grid)	21 days	20/7/23	14/8/23
431	Ceiling Finishes	21 days	2/8/23	26/8/23
432	Floor & Wall Finishes	25 days	26/7/23	24/8/23
433	ID Fitments Works	25 days	31/7/23	29/8/23
434	Painting and Balance Ceiling Works	14 days	22/8/23	6/9/23
435	Door Panel & Ironmongeries	14 days	17/8/23	1/9/23
436	M&E Final Fix	14 days	22/8/23	6/9/23
437	Misc. Finishes and Signage	14 days	25/8/23	9/9/23
438	Alimak Area (GL 1-3/D-E)	90 days	17/5/23	1/9/23
439	**TC 2 Area (GL 3-4/F-G) Lan Room**	**73 days**	**31/5/23**	**26/8/23**
440	Thermal Insulation Spray	12 days	31/5/23	14/6/23
441	ALC Block	12 days	2/6/23	16/6/23
442	Plaster / Skimcoat	12 days	9/6/23	22/6/23
443	M&E 1st Fix	30 days	2/6/23	8/7/23
444	Wall Finishes	21 days	1/7/23	25/7/23
445	M&E 2nd Fix	14 days	10/7/23	25/7/23
446	Ceiling and Floor Finishes	21 days	26/7/23	19/8/23
447	M&E Final Fix	14 days	11/8/23	26/8/23
448	Misc. Finishes and Signage	14 days	11/8/23	26/8/23
449	**Zone 3 : Hospital Boulevard Entrance (GL 7-11/A1-K)**	**208 days**	**3/1/23**	**11/9/23**
453	M&E 1st Fix	147 days	3/1/23	30/6/23
454	Façade (Shopfront)	23 days	19/6/23	15/7/23
455	Plastering and Skimcoat	34 days	10/6/23	20/7/23
456	Waterproofing and Screeding	18 days	11/7/23	31/7/23
457	M&E 2nd Fix (Ceiling)	26 days	1/7/23	31/7/23
458	Ceiling Work	26 days	1/8/23	31/8/23
459	Wall and Floor Finishes	21 days	12/8/23	5/9/23
460	M&E Final Fix	17 days	18/8/23	6/9/23
461	Misc. Finishes and Signage	18 days	22/8/23	11/9/23
462	**Level 2**	**435 days**	**17/3/22**	**25/8/23**
473	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**391 days**	**23/4/22**	**10/8/23**
478	Ceiling Finishes	21 days	1/7/23	25/7/23
479	Door Panels (Risers)	150 days	15/12/22	16/6/23
480	Wall Finishes	68 days	18/4/23	10/7/23
482	Painting and Balance Ceiling Works	69 days	4/5/23	25/7/23
483	M&E Final Fix (Fittings, Lighting, etc)	19 days	10/7/23	31/7/23
484	Misc. Finishes and Signage	13 days	26/7/23	10/8/23
485	**M&E (AHU/ LAN etc) Rooms**	**374 days**	**30/5/22**	**23/8/23**
490	Floor Finishes	130 days	3/1/23	9/6/23



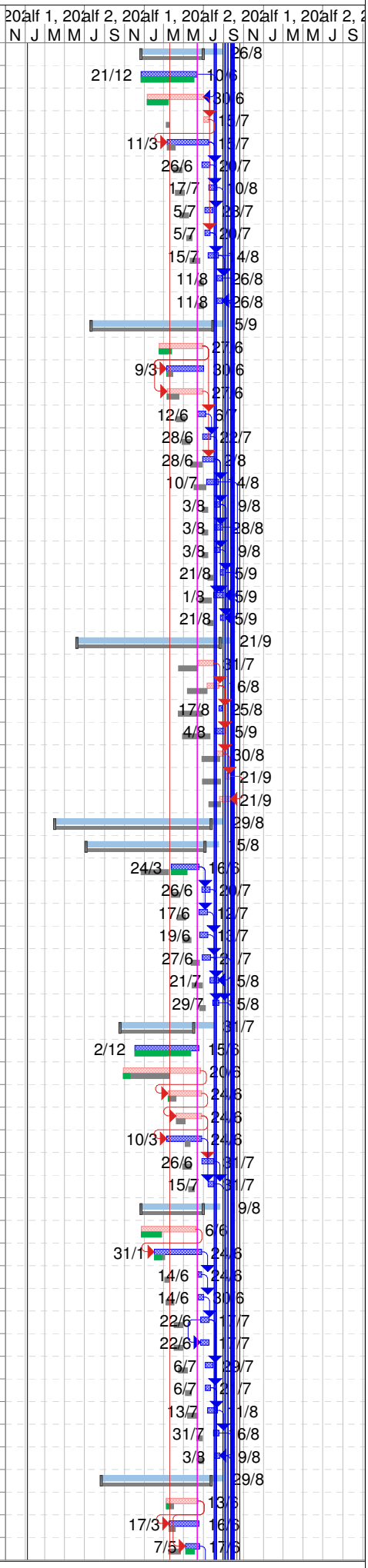
ID	Task Name	Duration	Start	Finish
491	Putty / Painting Works	116 days	10/2/23	30/6/23
493	M&E Final Fix	40 days	26/6/23	12/8/23
494	Signage	9 days	14/8/23	23/8/23
495	**Toilets / Changing Room**	**237 days**	**17/10/22**	**31/7/23**
498	Ceiling Finishes	14 days	12/6/23	27/6/23
499	Putty / Painting	14 days	19/6/23	5/7/23
500	Wall & Vanity Carcass	21 days	20/6/23	14/7/23
501	Toilet Cubicle Installation	21 days	20/6/23	14/7/23
502	Sanitary Wares & Accessories Installation	5 days	15/7/23	20/7/23
503	Vanity Table Top and Ledge & Mirror	19 days	28/6/23	20/7/23
504	M&E Final Fix	9 days	21/7/23	31/7/23
505	Signage	14 days	15/7/23	31/7/23
506	**Zone 2 : LT / HT Generator Room (GL 1-10/E-K)**	**316 days**	**23/7/22**	**8/8/23**
513	Door Panel & Ironmongeries	8 days	5/6/23	13/6/23
514	M&E Final Fix	35 days	14/6/23	25/7/23
515	Misc. Finishes and Signage	14 days	10/7/23	25/7/23
516	TC 2 Area (GL 3-4/F-G) Switch Room/ UPS Room	60 days	29/5/23	8/8/23
517	**Zone 3 : HDS Coordination Center/ Resting Area etc (GL 1-10a/C-F)**	**343 days**	**7/7/22**	**25/8/23**
520	Drywall Closing	22 days	14/6/23	10/7/23
521	Door Frame Installation	79 days	17/4/23	2/7/23
522	M&E 2nd Fix (Ceiling)	155 days	5/1/23	12/7/23
523	Ceiling 2nd Fix (Grid)	21 days	3/7/23	26/7/23
524	Ceiling Finishes	21 days	18/7/23	11/8/23
525	Floor & Wall Finishes	85 days	18/4/23	29/7/23
526	ID Fitments Works	30 days	11/7/23	15/8/23
527	Painting and Balance Ceiling Works	14 days	7/8/23	23/8/23
528	Door Panel & Ironmongeries	14 days	10/8/23	25/8/23
529	M&E Final Fix	21 days	1/8/23	25/8/23
530	Misc. Finishes and Signage	21 days	1/8/23	25/8/23
531	**Zone 4 : Chiller Plant Room(GL 7-10a/F-I)**	**338 days**	**2/7/22**	**15/8/23**
536	Putty / Painting Works	70 days	21/3/23	14/6/23
537	Roller Shutter / Fire Shutter	26 days	1/7/23	31/7/23
538	Door Panel & Ironmongeries	117 days	13/3/23	1/8/23
539	M&E Final Fix and T&C	35 days	4/7/23	14/8/23
540	Signage	14 days	29/7/23	15/8/23
541	**Level 3 to Level 12**	**472 days**	**1/3/22**	**21/9/23**
542	**Level 3**	**458 days**	**1/3/22**	**5/9/23**
553	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**387 days**	**15/4/22**	**28/7/23**
558	Ceiling Finishes	21 days	17/6/23	12/7/23
559	Wall Finishes	21 days	7/6/23	1/7/23
560	Door Panels (Risers)	172 days	7/12/22	5/7/23
561	Floor Finishes	15 days	23/6/23	11/7/23
562	Painting and Balance Ceiling Works	45 days	19/5/23	12/7/23
563	M&E Final Fix (Fittings, Lighting, etc)	25 days	13/6/23	12/7/23
564	Misc. Finishes and Signage	14 days	13/7/23	28/7/23
565	**M&E Rooms**	**242 days**	**1/10/22**	**21/7/23**
570	Floor Finishes	85 days	4/3/23	15/6/23
571	Putty / Painting Works	26 days	24/5/23	23/6/23
572	Door Panel & Ironmongeries	14 days	24/6/23	11/7/23
573	M&E Final Fix	28 days	19/6/23	21/7/23
574	Signage	14 days	6/7/23	21/7/23
575	**Toilets / Changing Room**	**217 days**	**4/11/22**	**25/7/23**
576	Door Frame Installation	125 days	5/1/23	6/6/23
577	Wall & Floor Tiles	183 days	4/11/22	14/6/23
578	Ceiling Finishes	14 days	15/6/23	1/7/23
579	Putty / Painting	16 days	24/5/23	12/6/23
580	Wall & Vanity Carcass	21 days	1/6/23	26/6/23
581	Toilet Cubicle Installation	21 days	1/6/23	26/6/23
582	Sanitary Wares & Accessories Installation	14 days	27/6/23	13/7/23
583	Vanity Table Top and Ledge & Mirror	24 days	27/6/23	25/7/23
584	M&E Final Fix	14 days	10/7/23	25/7/23
585	Signage	14 days	10/7/23	25/7/23
586	**Zone 2 : Staff Station, CCC POD (GL 1-10/H-K)**	**376 days**	**30/5/22**	**25/8/23**
589	Drywall Closing	100 days	10/2/23	10/6/23
590	Door Frame Installation	81 days	7/3/23	13/6/23
591	M&E 2nd Fix (Ceiling)	95 days	7/3/23	30/6/23

ID	Task Name	Duration	Start	Finish
592	Ceiling 2nd Fix (Grid)	52 days	13/5/23	14/7/23
593	Ceiling Finishes	14 days	7/7/23	22/7/23
594	Floor & Wall Finishes	60 days	12/5/23	22/7/23
595	ID Fitments Works	30 days	12/6/23	17/7/23
596	Painting and Balance Ceiling Works	14 days	15/7/23	31/7/23
597	Door Panel & Ironmongeries	14 days	24/7/23	8/8/23
598	M&E Final Fix	28 days	24/7/23	25/8/23
599	Misc. Finishes and Signage	14 days	10/8/23	25/8/23
600	**Zone 3 : Isolation/ Triage/ Waiting Area etc (GL 1-7A/B1-H)**	**330 days**	**3/8/22**	**5/9/23**
603	Drywall Closing	95 days	20/2/23	14/6/23
604	Lead Lining	14 days	5/6/23	20/6/23
605	Door Frame Installation	25 days	24/5/23	22/6/23
606	Drywall Closing at Lead Lining area	7 days	23/6/23	1/7/23
607	Door Frame Installation at Lead Lining area	7 days	3/7/23	10/7/23
608	M&E 2nd Fix (Ceiling)	85 days	15/4/23	27/7/23
609	DVC above Ceiling Works @Isolation Rooms	21 days	4/7/23	27/7/23
610	Ceiling 2nd Fix (Grid)	21 days	11/7/23	3/8/23
611	Ceiling Finishes	21 days	29/7/23	23/8/23
612	Floor & Wall Finishes	60 days	13/5/23	24/7/23
613	ID Fitments Works	60 days	29/4/23	11/7/23
614	M&E Final Fix	25 days	13/7/23	11/8/23
615	Painting and Balance Ceiling Works	14 days	25/7/23	10/8/23
616	Door Panel & Ironmongeries	14 days	20/7/23	4/8/23
617	Curtain Tracks & Blinds Installation	14 days	12/8/23	28/8/23
618	Misc. Finishes and Signage	14 days	21/8/23	5/9/23
619	DVC Final Fix @Isolation Rooms	21 days	12/8/23	5/9/23
620	**Zone 4 : Trauma/ Resus/ CT Scan/ X-Ray Rooms etc (GL 7-10a/A1-I)**	**290 days**	**14/9/22**	**30/8/23**
623	Drywall Closing	90 days	25/2/23	14/6/23
624	Lead Lining @Trauma/ Resus	21 days	7/6/23	1/7/23
625	Door Frame Installation	32 days	24/5/23	1/7/23
626	Drywall Closing at Lead Lining area	21 days	3/7/23	26/7/23
627	Door Frame Installation at Lead Lining area	14 days	27/7/23	12/8/23
628	M&E 2nd Fix (Ceiling)	50 days	15/5/23	13/7/23
629	DVC above Ceiling Works @Trauma/ Resus Rooms	28 days	20/6/23	22/7/23
630	Roller Shutter / Fire Shutter	14 days	6/7/23	21/7/23
631	Ceiling 2nd Fix (Grid)	28 days	4/7/23	4/8/23
632	Ceiling Finishes	28 days	8/7/23	10/8/23
633	Floor & Wall Finishes	35 days	1/7/23	11/8/23
634	ID Fitments Works	30 days	7/7/23	11/8/23
635	M&E Final Fix	25 days	29/7/23	28/8/23
636	Painting and Balance Ceiling Works	21 days	3/8/23	28/8/23
637	Door Panel & Ironmongeries	14 days	12/8/23	28/8/23
638	Misc. Finishes and Signage	14 days	15/8/23	30/8/23
639	**Level 4**	**453 days**	**1/3/22**	**30/8/23**
651	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**401 days**	**1/4/22**	**31/7/23**
656	Ceiling Finishes	100 days	11/3/23	11/7/23
657	Wall Finishes	21 days	21/6/23	15/7/23
658	Door Panels (Risers)	156 days	21/12/22	30/6/23
659	Floor Finishes	21 days	15/6/23	10/7/23
660	Painting and Balance Ceiling Works	43 days	19/5/23	10/7/23
661	M&E Final Fix (Fittings, Lighting, etc)	25 days	16/6/23	15/7/23
662	Misc. Finishes and Signage	14 days	15/7/23	31/7/23
663	**M&E Rooms**	**260 days**	**12/9/22**	**22/7/23**
668	Floor Finishes	95 days	14/2/23	8/6/23
669	Putty / Painting Works	85 days	25/2/23	8/6/23
670	Door Panel & Ironmongeries	14 days	9/6/23	24/6/23
671	M&E Final Fix	30 days	9/6/23	14/7/23
672	Signage	14 days	7/7/23	22/7/23
673	**Toilets / Changing Room**	**258 days**	**22/9/22**	**31/7/23**
674	Door Frame Installation (TC3 affected)	200 days	15/10/22	15/6/23
675	Wall & Floor Tiles (TC3 affected)	220 days	22/9/22	15/6/23
676	Ceiling Finishes	25 days	24/5/23	22/6/23
677	Putty / Painting	19 days	23/5/23	15/6/23
678	Wall & Vanity Carcass	21 days	7/6/23	1/7/23
679	Toilet Cubicle Installation	21 days	25/5/23	19/6/23

ID	Task Name	Duration	Start	Finish
680	Sanitary Wares & Accessories Installation	50 days	17/5/23	15/7/23
681	Vanity Table Top and Ledge & Mirror	24 days	30/6/23	27/7/23
682	M&E Final Fix	14 days	15/7/23	31/7/23
683	Signage	14 days	15/7/23	31/7/23
684	**Zone 2 : Observation Cubicles Area (GL 1-10/K-G)**	**362 days**	**17/5/22**	**26/7/23**
687	Drywall Closing	170 days	14/11/22	8/6/23
688	Door Frame Installation	168 days	16/11/22	8/6/23
690	Ceiling 2nd Fix (Grid)	165 days	24/11/22	13/6/23
691	Ceiling Finishes	85 days	11/3/23	22/6/23
692	Floor & Wall Finishes	80 days	9/3/23	15/6/23
693	ID Fitments Works	100 days	20/2/23	20/6/23
694	Bedhead Panel	120 days	3/2/23	27/6/23
695	Painting and Balance Ceiling Works	30 days	25/5/23	30/6/23
696	Door Panel & Ironmongeries	14 days	15/6/23	1/7/23
697	M&E Final Fix	21 days	23/6/23	18/7/23
698	Curtain Tracks & Blinds Installation and Misc. Finishes	21 days	3/7/23	26/7/23
699	Misc. Finishes and Signage	14 days	11/7/23	26/7/23
700	**Zone 3 : Consultation Rooms Area (GL 1-6/C-G)**	**316 days**	**25/7/22**	**10/8/23**
704	Door Frame Installation	170 days	16/11/22	10/6/23
705	M&E 2nd Fix (Ceiling)	116 days	15/2/23	5/7/23
706	DVC above Ceiling Works @Dental/ ENT	107 days	25/2/23	5/7/23
707	Ceiling 2nd Fix (Grid)	100 days	10/3/23	10/7/23
708	Ceiling Finishes	21 days	20/6/23	14/7/23
709	Floor & Wall Finishes	60 days	17/4/23	28/6/23
710	ID Fitments Works	59 days	5/5/23	14/7/23
711	M&E Final Fix	30 days	28/6/23	2/8/23
712	Painting and Balance Ceiling Works	14 days	30/6/23	15/7/23
713	Door Panel & Ironmongeries	14 days	30/6/23	15/7/23
714	Curtain Tracks & Blinds Installation	14 days	18/7/23	2/8/23
715	Misc. Finishes and Signage	14 days	25/7/23	10/8/23
716	DVC Final Fix @Dental/ ENT	21 days	17/7/23	10/8/23
717	**Zone 4 : Multipurpose Room/ Staff Pantry etc (GL 6-10a/C-G)**	**298 days**	**5/9/22**	**30/8/23**
720	Drywall Closing	100 days	9/2/23	9/6/23
721	Lead Lining	87 days	25/2/23	10/6/23
722	Door Frame Installation	176 days	16/11/22	17/6/23
723	Drywall Closing at Lead Lining area	65 days	1/4/23	20/6/23
724	ID Fitments Works	48 days	11/5/23	7/7/23
725	M&E 2nd Fix (Ceiling)	60 days	11/5/23	21/7/23
726	DVC above Ceiling Works @General X-Ray	28 days	1/7/23	2/8/23
727	Ceiling 2nd Fix (Grid)	30 days	6/7/23	10/8/23
728	Ceiling Finishes	30 days	25/7/23	29/8/23
729	Floor & Wall Finishes	81 days	17/4/23	25/7/23
730	M&E Final Fix	30 days	26/7/23	30/8/23
731	Painting and Balance Ceiling Works	30 days	26/7/23	30/8/23
732	Door Panel & Ironmongeries	14 days	25/7/23	10/8/23
733	Misc. Finishes and Signage	14 days	15/8/23	30/8/23
734	**Level 5**	**453 days**	**1/3/22**	**30/8/23**
746	**Zone 1 : Lift Lobby / Risers (GL 4-7/F-H)**	**388 days**	**19/4/22**	**1/8/23**
750	Ceiling 2nd Fix	199 days	5/11/22	5/7/23
751	Ceiling Finishes	37 days	26/5/23	10/7/23
752	Wall Finishes	21 days	13/6/23	7/7/23
753	Door Panels (Risers)	158 days	26/12/22	7/7/23
754	Floor Finishes	21 days	13/6/23	7/7/23
755	Painting and Balance Ceiling Works	21 days	21/6/23	15/7/23
756	M&E Final Fix (Fittings, Lighting, etc)	25 days	21/6/23	20/7/23
757	Misc. Finishes and Signage	14 days	17/7/23	1/8/23
758	**M&E Rooms**	**249 days**	**23/9/22**	**21/7/23**
763	Floor Finishes	21 days	6/6/23	30/6/23
764	Putty / Painting Works	28 days	24/5/23	27/6/23
765	Door Panel & Ironmongeries	14 days	27/6/23	13/7/23
766	M&E Final Fix	21 days	27/6/23	21/7/23
767	Signage	14 days	6/7/23	21/7/23
768	**Toilets / Changing Room**	**208 days**	**24/11/22**	**3/8/23**
769	Door Frame Installation	160 days	24/11/22	7/6/23
770	Wall & Floor Tiles	155 days	30/11/22	7/6/23

ID	Task Name	Duration	Start	Finish
771	Ceiling Closing	14 days	8/6/23	23/6/23
772	Putty / Painting	18 days	10/6/23	1/7/23
773	Wall & Vanity Carcass	18 days	19/6/23	10/7/23
774	Staff Lockers	18 days	24/6/23	15/7/23
775	Toilet Cubicle Installation	18 days	3/7/23	22/7/23
776	Sanitary Wares & Accessories Installation	14 days	3/7/23	18/7/23
777	Vanity Table Top and Ledge & Mirror	25 days	3/7/23	31/7/23
778	M&E Final Fix	14 days	15/7/23	31/7/23
779	Signage	14 days	19/7/23	3/8/23
780	**Zone 2 : MRI/ Angio Exam Area (GL 5-10/F-K)**	**345 days**	**27/6/22**	**17/8/23**
783	Drywall Closing	120 days	9/1/23	2/6/23
784	Lead Lining	120 days	9/1/23	2/6/23
785	Door Frame Installation	105 days	4/2/23	10/6/23
786	Drywall Closing at Lead Lining area	99 days	2/3/23	30/6/23
788	DVC above Ceiling Works @MRI/ Angio Exam	25 days	16/6/23	15/7/23
789	Ceiling 2nd Fix (Grid)	99 days	22/3/23	20/7/23
790	Ceiling Finishes	21 days	7/7/23	31/7/23
791	Floor & Wall Finishes	40 days	18/5/23	5/7/23
792	ID Fitments Works	40 days	29/5/23	15/7/23
793	M&E Final Fix	23 days	15/7/23	11/8/23
794	Painting and Balance Ceiling Works	14 days	15/7/23	31/7/23
795	Door Panel & Ironmongeries	14 days	6/7/23	21/7/23
796	Misc. Finishes and Signage	14 days	1/8/23	17/8/23
797	**Zone 3 : Ward Area (GL 1-6/C-K)**	**330 days**	**23/7/22**	**25/8/23**
800	Drywall Closing	130 days	19/1/23	26/6/23
801	Door Frame Installation	121 days	4/2/23	30/6/23
802	M&E 2nd Fix (Ceiling)	88 days	15/3/23	30/6/23
803	Ceiling 2nd Fix (Grid)	86 days	22/3/23	5/7/23
804	Ceiling Finishes	21 days	20/6/23	14/7/23
805	Floor & Wall Finishes incl. Outdoor Area	54 days	12/5/23	15/7/23
806	ID Fitments Works	30 days	15/6/23	20/7/23
807	Painting and Balance Ceiling Works	27 days	7/7/23	7/8/23
808	Bedhead Panel	27 days	7/7/23	7/8/23
809	Door Panel & Ironmongeries	14 days	28/7/23	14/8/23
810	M&E Final Fix	23 days	18/7/23	14/8/23
811	Misc. Finishes and Signage	14 days	10/8/23	25/8/23
812	**Zone 4 : Multi Purpose Room/ Staff Pantry (GL 5-11/C-G)**	**334 days**	**23/7/22**	**30/8/23**
815	Drywall Closing	107 days	21/2/23	30/6/23
816	Door Frame Installation	130 days	25/1/23	30/6/23
817	M&E 2nd Fix (Ceiling)	100 days	6/3/23	5/7/23
818	Ceiling 2nd Fix (Grid)	55 days	5/5/23	10/7/23
819	Ceiling Finishes	21 days	3/7/23	26/7/23
820	Locker Installation	14 days	27/7/23	12/8/23
821	Floor & Wall Finishes	19 days	10/7/23	31/7/23
822	ID Fitments Works	30 days	7/7/23	11/8/23
823	Painting and Balance Ceiling Works	14 days	7/7/23	22/7/23
824	Door Panel & Ironmongeries	14 days	14/7/23	29/7/23
825	M&E Final Fix	25 days	27/7/23	25/8/23
826	Misc. Finishes and Signage	14 days	15/8/23	30/8/23
827	**Level 6**	**460 days**	**15/3/22**	**21/9/23**
838	**Lift Lobby / Risers**	**349 days**	**2/7/22**	**28/8/23**
842	Ceiling 2nd Fix	191 days	10/11/22	30/6/23
843	Ceiling Finishes	21 days	21/6/23	15/7/23
844	Wall Finishes	21 days	27/6/23	21/7/23
846	Floor Finishes	21 days	27/6/23	21/7/23
847	Painting and Balance Ceiling Works	21 days	22/7/23	16/8/23
848	M&E Final Fix (Fittings, Lighting, etc)	25 days	25/7/23	23/8/23
849	Misc. Finishes and Signage	14 days	12/8/23	28/8/23
850	**M&E Rooms**	**227 days**	**19/10/22**	**21/7/23**
851	Door Frame Installation	170 days	16/11/22	10/6/23
854	M&E 2nd Fix (Wall)	190 days	28/10/22	15/6/23
855	Floor Finishes	80 days	11/3/23	16/6/23
856	Putty / Painting Works	65 days	5/4/23	23/6/23
857	Door Panel & Ironmongeries	92 days	4/3/23	23/6/23
858	M&E Final Fix	21 days	19/6/23	13/7/23
859	Signage	14 days	6/7/23	21/7/23

ID	Task Name	Duration	Start	Finish
860	**Toilets / Changing Room incl. Staff Pantry**	**204 days**	**21/12/22**	**26/8/23**
861	Door Frame Installation	140 days	21/12/22	10/6/23
862	Wall & Floor Tiles	142 days	9/1/23	30/6/23
863	Ceiling Finishes	13 days	1/7/23	15/7/23
864	Putty / Painting	104 days	11/3/23	15/7/23
865	Wall & Vanity Carcass	21 days	26/6/23	20/7/23
866	Staff Lockers	21 days	17/7/23	10/8/23
867	Toilet Cubicle Installation	21 days	5/7/23	28/7/23
868	Sanitary Wares & Accessories Installation	14 days	5/7/23	20/7/23
869	Vanity Table Top and Ledge & Mirror	25 days	15/7/23	14/8/23
870	M&E Final Fix	14 days	11/8/23	26/8/23
871	Signage	14 days	11/8/23	26/8/23
872	**Zone A1&C1 : Ward Area (GL 1-10/C-F)**	**340 days**	**22/7/22**	**5/9/23**
875	Drywall Closing	110 days	15/2/23	27/6/23
876	Door Frame Installation	93 days	9/3/23	30/6/23
877	M&E 2nd Fix/ Roller Shutter (Ceiling)	89 days	11/3/23	27/6/23
878	Ceiling 2nd Fix (Grid)	21 days	12/6/23	6/7/23
879	Ceiling Finishes	21 days	28/6/23	22/7/23
880	Floor & Wall Finishes	30 days	28/6/23	2/8/23
881	ID Fitments Works	30 days	10/7/23	14/8/23
882	Painting and Balance Ceiling Works	14 days	3/8/23	19/8/23
883	Bedhead Panel	21 days	3/8/23	28/8/23
884	Door Panel & Ironmongeries	14 days	3/8/23	19/8/23
885	Curtain Tracks & Blinds Installation	14 days	21/8/23	5/9/23
886	M&E Final Fix	30 days	1/8/23	5/9/23
887	Misc. Finishes and Signage	14 days	21/8/23	5/9/23
888	**Roof Garden**	**391 days**	**8/6/22**	**21/9/23**
890	RC Works (Planter Wall/ Remaining Slab at TC2&3)	39 days	15/6/23	31/7/23
891	Waterprrofing/ Screeding	30 days	12/7/23	16/8/23
892	Balance Façade Works	8 days	17/8/23	25/8/23
893	Metal Ceiling c/w M&E Final Fix	27 days	4/8/23	5/9/23
894	Plastering/ Hardscape	20 days	7/8/23	30/8/23
895	Softscape	17 days	2/9/23	21/9/23
896	Irrigation Works/ Signage	30 days	18/8/23	21/9/23
897	**Level 7**	**425 days**	**1/4/22**	**29/8/23**
908	**Lift Lobby / Risers**	**335 days**	**6/7/22**	**15/8/23**
912	Ceiling 2nd Fix	69 days	24/3/23	16/6/23
913	Ceiling Finishes	21 days	26/6/23	20/7/23
914	Wall Finishes	21 days	17/6/23	12/7/23
916	Floor Finishes	21 days	19/6/23	13/7/23
917	Painting and Balance Ceiling Works	21 days	27/6/23	21/7/23
918	M&E Final Fix (Fittings, Lighting, etc)	21 days	21/7/23	15/8/23
919	Misc. Finishes and Signage	14 days	29/7/23	15/8/23
920	**M&E Rooms**	**236 days**	**18/10/22**	**31/7/23**
921	Door Frame Installation	160 days	2/12/22	15/6/23
924	M&E 2nd Fix (Wall)	195 days	27/10/22	20/6/23
925	Floor Finishes	85 days	14/3/23	24/6/23
926	Putty / Painting Works	64 days	8/4/23	24/6/23
927	Door Panel & Ironmongeries	88 days	10/3/23	24/6/23
928	M&E Final Fix	30 days	26/6/23	31/7/23
929	Signage	14 days	15/7/23	31/7/23
930	**Toilets / Changing Room incl. Staff Lounge**	**197 days**	**22/12/22**	**19/8/23**
931	Door Frame Installation	135 days	22/12/22	6/6/23
932	Wall & Floor Tiles	121 days	31/1/23	24/6/23
933	Ceiling Finishes	10 days	14/6/23	24/6/23
934	Putty / Painting	14 days	14/6/23	30/6/23
935	Wall & Vanity Carcass	21 days	22/6/23	17/7/23
936	Staff Lockers	21 days	22/6/23	17/7/23
937	Toilet Cubicle Installation	21 days	6/7/23	29/7/23
938	Sanitary Wares & Accessories Installation	14 days	6/7/23	21/7/23
939	Vanity Table Top and Ledge & Mirror	25 days	13/7/23	11/8/23
940	M&E Final Fix	14 days	31/7/23	16/8/23
941	Signage	14 days	3/8/23	19/8/23
942	**Zone A1&C1 : Ward Area (GL 1-10/C-F)**	**309 days**	**22/8/22**	**29/8/23**
945	Drywall Closing	80 days	8/3/23	13/6/23
946	Door Frame Installation	75 days	17/3/23	16/6/23
947	M&E 2nd Fix/ Roller Shutter (Ceiling)	35 days	7/5/23	17/6/23

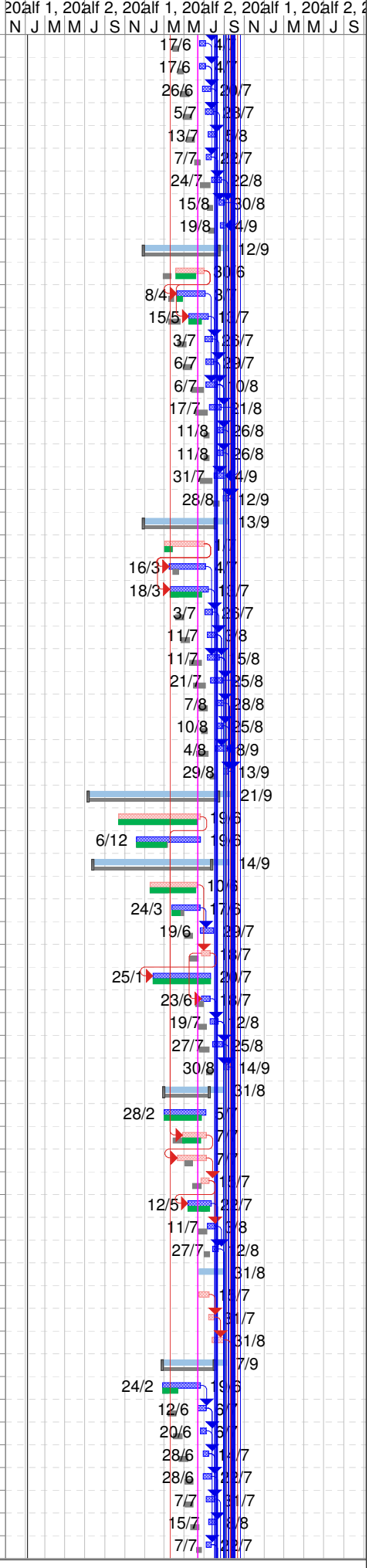


ID	Task Name	Duration	Start	Finish
948	Ceiling 2nd Fix (Grid)	21 days	24/5/23	17/6/23
949	Ceiling Finishes	21 days	19/6/23	13/7/23
950	Floor & Wall Finishes	37 days	18/5/23	1/7/23
951	ID Fitments Works	30 days	7/6/23	12/7/23
952	Painting and Balance Ceiling Works	14 days	3/7/23	18/7/23
953	Bedhead Panel	21 days	2/8/23	26/8/23
954	Door Panel & Ironmongeries	14 days	3/7/23	18/7/23
955	M&E Final Fix	30 days	25/7/23	29/8/23
956	Curtain Tracks & Blinds Installation	14 days	10/8/23	25/8/23
957	Misc. Finishes and Signage	14 days	14/8/23	29/8/23
958	**Level 8**	**438 days**	**1/4/22**	**13/9/23**
969	**Lift Lobby / Risers**	**340 days**	**6/7/22**	**21/8/23**
974	Ceiling Finishes	90 days	30/3/23	18/7/23
975	Wall Finishes	21 days	10/6/23	5/7/23
977	Floor Finishes	21 days	19/6/23	13/7/23
978	Painting and Balance Ceiling Works	37 days	30/5/23	13/7/23
979	M&E Final Fix (Fittings, Lighting, etc)	21 days	19/7/23	12/8/23
980	Misc. Finishes and Signage	14 days	4/8/23	21/8/23
981	**M&E Rooms**	**260 days**	**19/10/22**	**30/8/23**
982	Door Frame Installation	180 days	18/11/22	24/6/23
985	M&E 2nd Fix (Wall)	207 days	19/10/22	27/6/23
986	Floor Finishes	90 days	27/3/23	14/7/23
987	Putty / Painting Works	80 days	21/4/23	27/7/23
988	Door Panel & Ironmongeries	122 days	6/3/23	31/7/23
989	M&E Final Fix	35 days	20/7/23	30/8/23
990	Signage	14 days	15/8/23	30/8/23
991	**Toilets / Changing Room**	**185 days**	**12/1/23**	**24/8/23**
992	Door Frame Installation	125 days	12/1/23	13/6/23
993	Wall & Floor Tiles	95 days	24/2/23	19/6/23
994	Ceiling Finishes	14 days	12/6/23	27/6/23
995	Putty / Painting	21 days	12/6/23	6/7/23
996	Wall & Vanity Carcass	21 days	24/6/23	19/7/23
997	Staff Lockers	21 days	24/6/23	19/7/23
998	Toilet Cubicle Installation	21 days	4/7/23	27/7/23
999	Sanitary Wares & Accessories Installation	14 days	4/7/23	19/7/23
1000	Vanity Table Top and Ledge & Mirror	25 days	11/7/23	8/8/23
1001	M&E Final Fix	14 days	3/8/23	19/8/23
1002	Signage	14 days	8/8/23	24/8/23
1003	**Zone A1&C1 : Ward Area (GL 1-10/C-F)**	**310 days**	**25/8/22**	**2/9/23**
1006	Drywall Closing	95 days	25/2/23	20/6/23
1007	Door Frame Installation	83 days	14/3/23	22/6/23
1008	M&E 2nd Fix/ Roller Shutter (Ceiling)	80 days	17/3/23	22/6/23
1009	Ceiling 2nd Fix (Grid)	21 days	25/5/23	19/6/23
1010	Ceiling Finishes	21 days	20/6/23	14/7/23
1011	Floor & Wall Finishes	30 days	5/6/23	10/7/23
1012	ID Fitments Works	30 days	15/6/23	20/7/23
1013	Painting and Balance Ceiling Works	14 days	11/7/23	26/7/23
1014	Bedhead Panel	21 days	4/8/23	29/8/23
1015	Door Panel & Ironmongeries	14 days	11/7/23	26/7/23
1016	M&E Final Fix	30 days	27/7/23	31/8/23
1017	Curtain Tracks & Blinds Installation	14 days	19/7/23	3/8/23
1018	Misc. Finishes and Signage	14 days	18/8/23	2/9/23
1019	**Zone A2&C2 : Server/ Operation Room/ Auxiliary Office (GL 1-10/H-K)**	**277 days**	**13/10/22**	**13/9/23**
1022	Drywall Closing	120 days	1/2/23	24/6/23
1023	Door Frame Installation	87 days	14/3/23	27/6/23
1024	Raised Floor c/w M&E	47 days	15/6/23	10/8/23
1025	M&E 2nd Fix (Ceiling)	65 days	3/4/23	21/6/23
1026	Ceiling 2nd Fix (Grid)	30 days	20/6/23	25/7/23
1027	Ceiling Finishes	31 days	5/7/23	10/8/23
1028	Floor & Wall Finishes	26 days	17/7/23	16/8/23
1029	ID Fitments Works	30 days	21/7/23	25/8/23
1030	Painting and Balance Ceiling Works	21 days	8/8/23	1/9/23
1031	Door Panel & Ironmongeries	14 days	17/8/23	1/9/23
1032	M&E Final Fix	25 days	11/8/23	8/9/23
1033	Misc. Finishes and Signage	14 days	29/8/23	13/9/23
1034	**Level 9**	**430 days**	**11/4/22**	**13/9/23**

ID	Task Name	Duration	Start	Finish
1045	**Lift Lobby / Risers**	**326 days**	**3/8/22**	**31/8/23**
1050	Ceiling Finishes	90 days	5/4/23	24/7/23
1051	Wall Finishes	21 days	13/6/23	7/7/23
1052	Door Panels (Risers)	142 days	16/1/23	7/7/23
1053	Floor Finishes	21 days	13/6/23	7/7/23
1054	Painting and Balance Ceiling Works	21 days	21/6/23	15/7/23
1055	M&E Final Fix (Fittings, Lighting, etc)	25 days	25/7/23	23/8/23
1056	Misc. Finishes and Signage	14 days	16/8/23	31/8/23
1057	**M&E Rooms**	**251 days**	**31/10/22**	**30/8/23**
1058	Door Frame Installation	140 days	5/1/23	23/6/23
1061	M&E 2nd Fix (Wall)	200 days	8/11/22	8/7/23
1062	Floor Finishes	100 days	27/3/23	26/7/23
1063	Putty / Painting Works	79 days	8/5/23	10/8/23
1064	Door Panel & Ironmongeries	126 days	28/2/23	29/7/23
1065	M&E Final Fix	30 days	26/7/23	30/8/23
1066	Signage	14 days	15/8/23	30/8/23
1067	**Toilets / Changing Room**	**186 days**	**12/1/23**	**25/8/23**
1068	Door Frame Installation	125 days	12/1/23	13/6/23
1069	Wall & Floor Tiles	95 days	24/2/23	19/6/23
1070	Ceiling Finishes	10 days	12/6/23	22/6/23
1071	Putty / Painting	21 days	7/6/23	1/7/23
1072	Wall & Vanity Carcass	21 days	20/6/23	14/7/23
1073	Staff Lockers	21 days	20/6/23	14/7/23
1074	Toilet Cubicle Installation	21 days	28/6/23	22/7/23
1075	Sanitary Wares & Accessories Installation	12 days	7/7/23	20/7/23
1076	Vanity Table Top and Ledge & Mirror	25 days	13/7/23	11/8/23
1077	M&E Final Fix	14 days	8/8/23	24/8/23
1078	Signage	14 days	10/8/23	25/8/23
1079	**Zone A1&C1 : Ward Area (GL 1-10/C-F)**	**296 days**	**21/9/22**	**13/9/23**
1082	Drywall Closing	65 days	8/4/23	26/6/23
1083	Door Frame Installation	75 days	27/3/23	26/6/23
1084	M&E 2nd Fix/ Roller Shutter (Ceiling)	50 days	28/4/23	27/6/23
1085	Ceiling 2nd Fix (Grid)	21 days	20/6/23	14/7/23
1086	Ceiling Finishes	21 days	7/7/23	31/7/23
1087	Floor & Wall Finishes	30 days	30/6/23	3/8/23
1088	ID Fitments Works	30 days	11/7/23	15/8/23
1089	Painting and Balance Ceiling Works	14 days	2/8/23	18/8/23
1090	Bedhead Panel	14 days	2/8/23	18/8/23
1091	Door Panel & Ironmongeries	14 days	2/8/23	18/8/23
1092	M&E Final Fix	30 days	1/8/23	5/9/23
1093	Curtain Tracks & Blinds Installation	14 days	19/8/23	4/9/23
1094	Misc. Finishes and Signage	14 days	29/8/23	13/9/23
1095	**Zone A2&C2 : General Rooms (GL 1-10/H-K)**	**227 days**	**1/12/22**	**2/9/23**
1098	Drywall Closing	65 days	8/4/23	26/6/23
1099	Door Frame Installation	75 days	27/3/23	26/6/23
1100	M&E 2nd Fix (Ceiling)	50 days	28/4/23	27/6/23
1101	Ceiling 2nd Fix (Grid)	21 days	20/6/23	14/7/23
1102	Ceiling Finishes	21 days	7/7/23	31/7/23
1103	Floor & Wall Finishes	30 days	28/6/23	2/8/23
1104	ID Fitments Works	30 days	11/7/23	15/8/23
1105	Painting and Balance Ceiling Works	21 days	26/7/23	19/8/23
1106	Door Panel & Ironmongeries	14 days	31/7/23	16/8/23
1107	M&E Final Fix	25 days	1/8/23	30/8/23
1108	Curtain Tracks & Blinds Installation	14 days	18/8/23	2/9/23
1109	Misc. Finishes and Signage	14 days	18/8/23	2/9/23
1110	**Level 10**	**408 days**	**10/5/22**	**13/9/23**
1121	**Lift Lobby / Risers**	**336 days**	**25/7/22**	**2/9/23**
1125	Ceiling 2nd Fix	75 days	9/3/23	8/6/23
1126	Ceiling Finishes	40 days	9/6/23	26/7/23
1127	Wall Finishes	21 days	17/6/23	12/7/23
1129	Floor Finishes	21 days	17/6/23	12/7/23
1130	Painting and Balance Ceiling Works	21 days	13/7/23	5/8/23
1131	M&E Final Fix (Fittings, Lighting, etc)	25 days	27/7/23	25/8/23
1132	Misc. Finishes and Signage	14 days	18/8/23	2/9/23
1133	**M&E Rooms**	**229 days**	**31/10/22**	**3/8/23**
1134	Door Frame Installation	180 days	17/11/22	23/6/23
1137	M&E 2nd Fix (Wall)	156 days	15/12/22	23/6/23

ID	Task Name	Duration	Start	Finish
1138	Floor Finishes	65 days	6/4/23	24/6/23
1139	Putty / Painting Works	75 days	15/4/23	15/7/23
1140	Door Panel & Ironmongeries	117 days	28/2/23	19/7/23
1141	M&E Final Fix	27 days	30/6/23	31/7/23
1142	Signage	15 days	18/7/23	3/8/23
1143	**Toilets / Wet Area**	**182 days**	**28/1/23**	**4/9/23**
1144	Door Frame Installation	115 days	28/1/23	15/6/23
1145	Wall & Floor Tiles	100 days	3/3/23	3/7/23
1146	Ceiling Finishes	10 days	30/6/23	11/7/23
1147	Putty / Painting	21 days	21/6/23	15/7/23
1148	Wall & Vanity Carcass	21 days	4/7/23	27/7/23
1149	Staff Lockers	21 days	4/7/23	27/7/23
1150	Toilet Cubicle Installation	21 days	7/7/23	31/7/23
1151	Sanitary Wares & Accessories Installation	14 days	6/7/23	21/7/23
1152	Vanity Table Top and Ledge & Mirror	25 days	14/7/23	12/8/23
1153	M&E Final Fix	14 days	14/8/23	29/8/23
1154	Signage	14 days	19/8/23	4/9/23
1155	**Zone A1&C1 : Consult Room Area (GL 1-10/C-F)**	**281 days**	**8/10/22**	**13/9/23**
1158	Drywall Closing	109 days	18/2/23	30/6/23
1159	Door Frame Installation	93 days	10/3/23	1/7/23
1160	M&E 2nd Fix (Ceiling)	50 days	5/5/23	4/7/23
1161	Ceiling 2nd Fix (Grid)	21 days	9/6/23	4/7/23
1162	Ceiling Finishes	21 days	26/6/23	20/7/23
1163	Floor & Wall Finishes	30 days	5/7/23	8/8/23
1164	ID Fitments Works	30 days	15/7/23	19/8/23
1165	Painting and Balance Ceiling Works	14 days	7/8/23	23/8/23
1166	Bedhead Panel	14 days	7/8/23	23/8/23
1167	Door Panel & Ironmongeries	14 days	1/8/23	17/8/23
1168	M&E Final Fix	30 days	27/7/23	31/8/23
1169	Curtain Tracks & Blinds Installation	14 days	24/8/23	8/9/23
1170	Misc. Finishes and Signage	14 days	29/8/23	13/9/23
1171	**Zone A2&C2 : Admin Offices/ Staff Lounge Area (GL 1-10/H-K)**	**237 days**	**28/11/22**	**11/9/23**
1174	Drywall Closing	100 days	25/2/23	26/6/23
1175	Door Frame Installation	90 days	11/3/23	28/6/23
1176	M&E 2nd Fix (Ceiling)	90 days	14/3/23	1/7/23
1177	Ceiling 2nd Fix (Grid)	21 days	7/6/23	1/7/23
1178	Ceiling Finishes	21 days	23/6/23	18/7/23
1179	Floor & Wall Finishes	25 days	11/7/23	8/8/23
1180	ID Fitments Works	30 days	17/7/23	21/8/23
1181	Painting and Balance Ceiling Works	21 days	24/7/23	17/8/23
1182	Door Panel & Ironmongeries	14 days	1/8/23	17/8/23
1183	M&E Final Fix	30 days	25/7/23	29/8/23
1184	Curtain Tracks & Blinds Installation	14 days	22/8/23	6/9/23
1185	Misc. Finishes and Signage	14 days	26/8/23	11/9/23
1186	**Level 11**	**390 days**	**1/6/22**	**13/9/23**
1197	**Lift Lobby / Risers**	**337 days**	**1/8/22**	**11/9/23**
1200	M&E 2nd Fix (Ceiling)	125 days	19/1/23	20/6/23
1201	Ceiling 2nd Fix	100 days	28/2/23	28/6/23
1202	Ceiling Finishes	32 days	21/6/23	28/7/23
1203	Wall Finishes	21 days	23/6/23	18/7/23
1204	Door Panels (Risers)	147 days	20/1/23	18/7/23
1205	Floor Finishes	21 days	23/6/23	18/7/23
1206	Painting and Balance Ceiling Works	21 days	19/7/23	12/8/23
1207	M&E Final Fix (Fittings, Lighting, etc)	25 days	4/8/23	2/9/23
1208	Misc. Finishes and Signage	14 days	26/8/23	11/9/23
1209	**M&E Rooms**	**219 days**	**17/11/22**	**10/8/23**
1210	Door Frame Installation	185 days	17/11/22	30/6/23
1213	M&E 2nd Fix (Wall)	123 days	2/2/23	30/6/23
1214	Floor Finishes	69 days	6/4/23	30/6/23
1215	Putty / Painting Works	70 days	21/4/23	15/7/23
1216	Door Panel & Ironmongeries	115 days	4/3/23	21/7/23
1217	M&E Final Fix	21 days	8/7/23	1/8/23
1218	Signage	14 days	25/7/23	10/8/23
1219	**Toilets / Wet Area**	**161 days**	**22/2/23**	**4/9/23**
1220	Door Frame Installation	95 days	22/2/23	16/6/23
1221	Wall & Floor Tiles	21 days	9/6/23	4/7/23

ID	Task Name	Duration	Start	Finish
1222	Ceiling Finishes	14 days	17/6/23	4/7/23
1223	Putty / Painting	14 days	17/6/23	4/7/23
1224	Wall & Vanity Carcass	21 days	26/6/23	20/7/23
1225	Staff Lockers	21 days	5/7/23	28/7/23
1226	Toilet Cubicle Installation	21 days	13/7/23	5/8/23
1227	Sanitary Wares & Accessories Installation	14 days	7/7/23	22/7/23
1228	Vanity Table Top and Ledge & Mirror	25 days	24/7/23	22/8/23
1229	M&E Final Fix	14 days	15/8/23	30/8/23
1230	Signage	14 days	19/8/23	4/9/23
1231	**Zone A1&C1 : Hospital Admin Offices (GL 1-10/C-F)**	**214 days**	**27/12/22**	**12/9/23**
1234	Drywall Closing	70 days	5/4/23	30/6/23
1235	Door Frame Installation	70 days	8/4/23	3/7/23
1236	M&E 2nd Fix (Ceiling)	50 days	15/5/23	13/7/23
1237	Ceiling 2nd Fix (Grid)	21 days	3/7/23	26/7/23
1238	Ceiling Finishes	21 days	6/7/23	29/7/23
1239	Floor & Wall Finishes	30 days	6/7/23	10/8/23
1240	ID Fitments Works	30 days	17/7/23	21/8/23
1241	Painting and Balance Ceiling Works	14 days	11/8/23	26/8/23
1242	Door Panel & Ironmongeries	14 days	11/8/23	26/8/23
1243	M&E Final Fix	30 days	31/7/23	4/9/23
1244	Misc. Finishes and Signage	14 days	28/8/23	12/9/23
1245	**Zone A2&C2 : Hospital Admin Offices (GL 1-10/H-K)**	**215 days**	**27/12/22**	**13/9/23**
1248	Drywall Closing	100 days	2/3/23	1/7/23
1249	Door Frame Installation	90 days	16/3/23	4/7/23
1250	M&E 2nd Fix (Ceiling)	96 days	18/3/23	13/7/23
1251	Ceiling 2nd Fix (Grid)	21 days	3/7/23	26/7/23
1252	Ceiling Finishes	21 days	11/7/23	3/8/23
1253	Floor & Wall Finishes	30 days	11/7/23	15/8/23
1254	ID Fitments Works	30 days	21/7/23	25/8/23
1255	Painting and Balance Ceiling Works	18 days	7/8/23	28/8/23
1256	Door Panel & Ironmongeries	14 days	10/8/23	25/8/23
1257	M&E Final Fix	30 days	4/8/23	8/9/23
1258	Misc. Finishes and Signage	14 days	29/8/23	13/9/23
1259	**Level 12**	**363 days**	**12/7/22**	**21/9/23**
1267	Plaster / Skimcoat	205 days	13/10/22	19/6/23
1268	Waterproofing Works	160 days	6/12/22	19/6/23
1270	**Lift Lobby / Risers**	**345 days**	**26/7/22**	**14/9/23**
1272	Door Frame (Risers)	120 days	16/1/23	10/6/23
1274	Ceiling 2nd Fix	70 days	24/3/23	17/6/23
1275	Ceiling Finishes	35 days	19/6/23	29/7/23
1276	Wall Finishes	21 days	23/6/23	18/7/23
1277	Door Panels (Risers)	147 days	25/1/23	20/7/23
1278	Floor Finishes	21 days	23/6/23	18/7/23
1279	Painting and Balance Ceiling Works	21 days	19/7/23	12/8/23
1280	M&E Final Fix (Fittings, Lighting, etc)	25 days	27/7/23	25/8/23
1281	Misc. Finishes and Signage	14 days	30/8/23	14/9/23
1282	**M&E Rooms**	**153 days**	**28/2/23**	**31/8/23**
1283	Door Frame Installation	105 days	28/2/23	5/7/23
1286	M&E 2nd Fix (Wall)	60 days	26/4/23	7/7/23
1287	Floor Finishes	73 days	10/4/23	7/7/23
1288	Putty / Painting Works	21 days	21/6/23	15/7/23
1289	Door Panel & Ironmongeries	60 days	12/5/23	22/7/23
1290	M&E Final Fix	21 days	11/7/23	3/8/23
1291	Signage	14 days	27/7/23	12/8/23
1292	**Lan Room**	**65 days**	**15/6/23**	**31/8/23**
1293	Additional Slab at Lower Roof	26 days	15/6/23	15/7/23
1294	Wall/ Ceiling Finishes	14 days	15/7/23	31/7/23
1295	M&E Works	32 days	25/7/23	31/8/23
1296	**Toilets / Wet Area**	**162 days**	**24/2/23**	**7/9/23**
1297	Door Frame Installation	95 days	24/2/23	19/6/23
1298	Wall & Floor Tiles	21 days	12/6/23	6/7/23
1299	Ceiling Finishes	14 days	20/6/23	6/7/23
1300	Putty / Painting	14 days	28/6/23	14/7/23
1301	Wall & Vanity Carcass	21 days	28/6/23	22/7/23
1302	Staff Lockers	21 days	7/7/23	31/7/23
1303	Toilet Cubicle Installation	21 days	15/7/23	8/8/23
1304	Sanitary Wares & Accessories Installation	14 days	7/7/23	22/7/23



ID	Task Name	Duration	Start	Finish
1305	Vanity Table Top and Ledge & Mirror	25 days	15/7/23	14/8/23
1306	M&E Final Fix	21 days	5/8/23	30/8/23
1307	Signage	14 days	23/8/23	7/9/23
1308	**Zone A1&C1 : Hospital Admin Offices (GL 1-10/C-F)**	**140 days**	**5/4/23**	**21/9/23**
1309	Drywall 1st Fix	60 days	5/4/23	17/6/23
1310	M&E 1st Fix (Drywall)	21 days	9/6/23	4/7/23
1311	Drywall Closing	21 days	24/6/23	19/7/23
1312	Door Frame Installation	14 days	4/7/23	19/7/23
1313	M&E 2nd Fix (Ceiling)	30 days	19/6/23	24/7/23
1314	Ceiling 2nd Fix (Grid)	21 days	17/7/23	10/8/23
1315	Ceiling Finishes	21 days	2/8/23	26/8/23
1316	Floor & Wall Finishes	30 days	20/7/23	24/8/23
1317	ID Fitments Works	30 days	31/7/23	4/9/23
1318	Painting and Balance Ceiling Works	14 days	17/8/23	1/9/23
1319	Door Panel & Ironmongeries	14 days	25/8/23	9/9/23
1320	M&E Final Fix	21 days	28/8/23	20/9/23
1321	Misc. Finishes and Signage	14 days	6/9/23	21/9/23
1322	**Zone A2&C2 : Hospital Admin Offices (GL 1-10/H-K)**	**135 days**	**12/4/23**	**21/9/23**
1323	Drywall 1st Fix	60 days	12/4/23	23/6/23
1324	M&E 1st Fix (Drywall)	21 days	8/6/23	3/7/23
1325	Drywall Closing	21 days	24/6/23	19/7/23
1326	Door Frame Installation	14 days	4/7/23	19/7/23
1327	M&E 2nd Fix (Ceiling)	30 days	20/6/23	25/7/23
1328	Ceiling 2nd Fix (Grid)	21 days	17/7/23	10/8/23
1329	Ceiling Finishes	21 days	2/8/23	26/8/23
1330	Floor & Wall Finishes	30 days	20/7/23	24/8/23
1331	ID Fitments Works	30 days	31/7/23	4/9/23
1332	Painting and Balance Ceiling Works	21 days	17/8/23	9/9/23
1333	Door Panel & Ironmongeries	14 days	25/8/23	9/9/23
1334	M&E Final Fix	21 days	28/8/23	20/9/23
1335	Misc. Finishes and Signage	14 days	6/9/23	21/9/23
1336	**Lower/ Upper Roof**	**359 days**	**15/7/22**	**20/9/23**
1362	**Structural Steel Works**	**298 days**	**15/7/22**	**10/7/23**
1425	**Louvres & Cladding Support**	**87 days**	**13/3/23**	**26/6/23**
1426	Zone A2 (GL 5-10/H-K)	87 days	13/3/23	26/6/23
1428	Zone C2 (GL 1-5/H-K)	45 days	2/5/23	23/6/23
1429	Zone C1 (GL 1-5/C-F)	85 days	15/3/23	26/6/23
1430	**BMU Extension, Railing Support & Grating**	**28 days**	**7/6/23**	**10/7/23**
1431	Zone A1&C1 (Elev 3)	12 days	7/6/23	20/6/23
1432	Zone A2&C2 (Elev 1)	12 days	15/6/23	28/6/23
1433	Zone A1&C1 (Elev 8)	12 days	21/6/23	5/7/23
1434	Zone A2&C2 (Elev 9)	12 days	26/6/23	10/7/23
1448	**Architectural Finishing Works**	**144 days**	**21/3/23**	**11/9/23**
1449	Zone A2 (GL 5-10/H-K)	105 days	21/3/23	26/7/23
1450	Zone A1 (GL 5-10/C-F)	127 days	30/3/23	31/8/23
1451	Zone C2 (GL 1-5/H-K)	102 days	8/4/23	10/8/23
1452	Zone C1 (GL 1-5/C-F)	114 days	4/4/23	21/8/23
1453	Zone B (GL 4-7/F-H)	109 days	21/4/23	31/8/23
1454	Misc. Finishes and Signage	10 days	31/8/23	11/9/23
1455	**M&E Works**	**255 days**	**16/11/22**	**20/9/23**
1471	**P&S**	**111 days**	**9/3/23**	**21/7/23**
1472	Water Tank Installation/ Tank&Pump and Piping	97 days	9/3/23	5/7/23
1473	T&C	14 days	6/7/23	21/7/23
1474	**ACMV**	**163 days**	**8/3/23**	**20/9/23**
1475	Cooling Tower Installation	92 days	8/3/23	27/6/23
1476	Make-Up Water Tank Installation and Piping	106 days	25/4/23	30/8/23
1477	Cooling Tower Flushing	21 days	23/8/23	15/9/23
1478	MV (Fan/ Duct)	76 days	2/5/23	31/7/23
1479	T&C	26 days	22/8/23	20/9/23
1480	**Electrical**	**108 days**	**24/4/23**	**31/8/23**
1481	Trunking/ Cable Tray	73 days	24/4/23	20/7/23
1482	Cabling/ Wiring/ Control Panel	37 days	10/7/23	22/8/23
1483	T&C	30 days	27/7/23	31/8/23
1484	**Fire Protection**	**110 days**	**20/4/23**	**31/8/23**
1485	Piping/ Wiring/ Control Panel	84 days	20/4/23	31/7/23
1486	T&C	26 days	1/8/23	31/8/23
1487	**Façade Works**	**163 days**	**27/2/23**	**11/9/23**

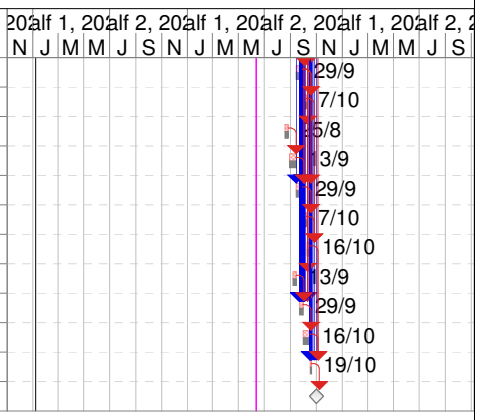
ID	Task Name	Duration	Start	Finish
1488	**Perimeter Louvres and Alum Cladding**	**152 days**	**27/2/23**	**29/8/23**
1489	**Zone A2 (GL 5-10/H-K)**	**152 days**	**27/2/23**	**29/8/23**
1493	Louvres Installation	55 days	10/5/23	14/7/23
1494	Cladding Installation	12 days	8/7/23	21/7/23
1495	BMU Track Cladding Installation	18 days	11/7/23	31/7/23
1496	Sealant/ Protection Removal	15 days	28/7/23	15/8/23
1497	Scaffold Dismantle	15 days	12/8/23	29/8/23
1498	**Zone A1 (GL 5-10/C-F)**	**124 days**	**13/3/23**	**10/8/23**
1502	Louvres Installation	35 days	26/5/23	7/7/23
1503	Cladding Installation	15 days	30/6/23	17/7/23
1504	BMU Track Cladding Installation	15 days	14/7/23	31/7/23
1505	Sealant/ Protection Removal	15 days	19/7/23	4/8/23
1506	Scaffold Dismantle	9 days	31/7/23	10/8/23
1507	**Zone C2 (GL 1-5/H-K)**	**133 days**	**13/3/23**	**21/8/23**
1510	Bracket Installation	45 days	17/4/23	10/6/23
1511	Louvres Installation	50 days	22/5/23	20/7/23
1512	Cladding Installation	7 days	18/7/23	25/7/23
1513	BMU Track Cladding Installation	8 days	22/7/23	31/7/23
1514	Sealant/ Protection Removal	15 days	24/7/23	10/8/23
1515	Scaffold Dismantle	12 days	7/8/23	21/8/23
1516	**Zone C1 (GL 1-5/C-F)**	**108 days**	**8/4/23**	**17/8/23**
1519	Bracket Installation	40 days	20/4/23	9/6/23
1520	Louvres Installation	18 days	23/6/23	14/7/23
1521	Cladding Installation	22 days	24/6/23	20/7/23
1522	BMU Track Cladding Installation	18 days	11/7/23	31/7/23
1523	Sealant/ Protection Removal	10 days	28/7/23	8/8/23
1524	Scaffold Dismantle	10 days	5/8/23	17/8/23
1525	Balance Cladding Touch Up etc	21 days	18/8/23	11/9/23
1530	**Staircase Construction**	**508 days**	**8/1/22**	**13/9/23**
1531	**Remaining Structure**	**441 days**	**8/1/22**	**24/6/23**
1534	Steel Staircase 3 (B4 to L1)	**142 days**	**3/1/23**	**23/6/23**
1536	Staircase Construction	30 days	19/5/23	23/6/23
1541	Steel Staircase (SC 07 - B4 to L1)	172 days	28/11/22	24/6/23
1544	Installation	53 days	21/4/23	24/6/23
1545	**Archi and M&E Works**	**282 days**	**7/10/22**	**13/9/23**
1546	**In Situ Staircase (SC 01&02)**	**266 days**	**7/10/22**	**25/8/23**
1550	Plaster / Skimcoat	186 days	1/12/22	15/7/23
1551	M&E 1st & 2nd Fix	84 days	1/4/23	13/7/23
1552	Screeding	65 days	12/4/23	30/6/23
1553	Tiling Work (Step, Nosing, Landing)	72 days	25/5/23	19/8/23
1554	Railing Installation	35 days	12/7/23	22/8/23
1555	Painting	28 days	24/7/23	25/8/23
1556	Door Panel & Ironmongeries	28 days	21/7/23	23/8/23
1557	M&E Final Fix	28 days	24/7/23	25/8/23
1558	Misc. Finishes and Signage	18 days	4/8/23	25/8/23
1559	**Steel Staircase (SC 03 - B4 to L10)**	**236 days**	**1/12/22**	**13/9/23**
1561	Balance ALC Block	30 days	2/5/23	6/6/23
1562	Plaster / Skimcoat	181 days	1/12/22	10/7/23
1563	M&E 1st & 2nd Fix	72 days	14/4/23	11/7/23
1564	Screeding	50 days	12/6/23	10/8/23
1565	Tiling Work (Step, Nosing, Landing)	71 days	17/6/23	9/9/23
1566	Railing Installation	30 days	20/7/23	24/8/23
1567	Painting	30 days	7/8/23	11/9/23
1568	Door Panel & Ironmongeries	22 days	20/7/23	15/8/23
1569	M&E Final Fix	25 days	16/8/23	13/9/23
1570	Misc. Finishes and Signage	18 days	24/8/23	13/9/23
1571	**Steel Staircase (SC 04 - L2 to L10)**	**262 days**	**27/10/22**	**8/9/23**
1574	M&E 1st & 2nd Fix	160 days	21/12/22	5/7/23
1575	Screeding	41 days	21/5/23	10/7/23
1576	Tiling Work (Step, Nosing, Landing)	66 days	26/5/23	14/8/23
1578	Painting	30 days	19/7/23	23/8/23
1579	Door Panel & Ironmongeries	21 days	21/7/23	15/8/23
1580	M&E Final Fix	28 days	7/8/23	8/9/23
1581	Misc. Finishes and Signage	21 days	16/8/23	8/9/23
1582	**Steel Staircase (SC 05 - L1 to L.Roof)**	**221 days**	**14/12/22**	**8/9/23**
1585	M&E 1st & 2nd Fix	107 days	3/2/23	12/6/23
1586	Screeding	23 days	16/5/23	12/6/23

ID	Task Name	Duration	Start	Finish
1587	Tiling Work (Step, Nosing, Landing)	70 days	22/5/23	14/8/23
1588	Railing Installation	30 days	15/7/23	19/8/23
1589	Painting	30 days	19/7/23	23/8/23
1590	Door Panel & Ironmongeries	21 days	15/7/23	8/8/23
1591	M&E Final Fix	28 days	7/8/23	8/9/23
1592	Misc. Finishes and Signage	21 days	16/8/23	8/9/23
1593	**Steel Staircase (SC 06 - L1 to L.Roof)**	**158 days**	**4/3/23**	**11/9/23**
1595	Balance ALC/ Plaster / Skimcoat	110 days	4/3/23	15/7/23
1596	M&E 1st & 2nd Fix	94 days	28/3/23	20/7/23
1597	Screeding	44 days	9/6/23	31/7/23
1598	Tiling Work (Step, Nosing, Landing)	62 days	21/6/23	2/9/23
1599	Railing Installation	30 days	11/7/23	15/8/23
1600	Painting	30 days	5/8/23	9/9/23
1601	Door Panel & Ironmongeries	21 days	24/7/23	17/8/23
1602	M&E Final Fix	21 days	18/8/23	11/9/23
1603	Misc. Finishes and Signage	21 days	18/8/23	11/9/23
1604	**Steel Staircase (SC 07 - B4 to L1)**	**63 days**	**1/7/23**	**13/9/23**
1605	ALC Block	14 days	1/7/23	17/7/23
1606	Plaster / Skimcoat	18 days	10/7/23	29/7/23
1607	M&E 1st & 2nd Fix	35 days	1/7/23	11/8/23
1608	Screeding	23 days	14/7/23	10/8/23
1609	Tiling Work (Step, Nosing, Landing)	42 days	21/7/23	8/9/23
1610	Railing Installation	18 days	11/8/23	31/8/23
1611	Painting	18 days	24/8/23	13/9/23
1612	Door Panel & Ironmongeries	14 days	2/8/23	18/8/23
1613	M&E Final Fix	14 days	29/8/23	13/9/23
1614	Misc. Finishes and Signage	10 days	2/9/23	13/9/23
1615	**Lifts Installation**	**369 days**	**9/6/22**	**28/8/23**
1616	**Passenger Lifts**	**369 days**	**9/6/22**	**28/8/23**
1617	**1. PL01 [B4 -L12]**	**147 days**	**2/3/23**	**26/8/23**
1619	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1620	Lift Interior	25 days	4/7/23	1/8/23
1621	T&C	21 days	2/8/23	26/8/23
1622	**2. PL02 [B4 - L12]**	**147 days**	**2/3/23**	**26/8/23**
1624	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1625	Lift Interior	25 days	4/7/23	1/8/23
1626	T&C	21 days	2/8/23	26/8/23
1627	**3. PL03 [B4 - L12]**	**147 days**	**2/3/23**	**26/8/23**
1629	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1630	Lift Interior	25 days	4/7/23	1/8/23
1631	T&C	21 days	2/8/23	26/8/23
1632	**4. PL04 [B4 - L12]**	**147 days**	**2/3/23**	**26/8/23**
1634	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1635	Lift Interior	25 days	4/7/23	1/8/23
1636	T&C	21 days	2/8/23	26/8/23
1637	**5. PL05 [B4 - L12]**	**147 days**	**2/3/23**	**26/8/23**
1639	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1640	Lift Interior	25 days	4/7/23	1/8/23
1641	T&C	21 days	2/8/23	26/8/23
1642	**6. PL06 [L1 - L9] Used for construction**	**369 days**	**9/6/22**	**28/8/23**
1645	Lift Interior	25 days	5/7/23	2/8/23
1646	T&C	21 days	3/8/23	28/8/23
1647	**7. PL07 [L1 - L9] Used for construction**	**369 days**	**9/6/22**	**28/8/23**
1650	Lift Interior	25 days	5/7/23	2/8/23
1651	T&C	21 days	3/8/23	28/8/23
1652	**8. PL08 [B4 - L1]**	**281 days**	**15/9/22**	**21/8/23**
1655	Lift Interior	30 days	21/6/23	26/7/23

ID	Task Name	Duration	Start	Finish
1656	T&C	21 days	27/7/23	21/8/23
1657	**9. PL09 [B4 - L5]**	**110 days**	**17/4/23**	**28/8/23**
1659	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	63 days	18/4/23	4/7/23
1660	Lift Interior	25 days	5/7/23	2/8/23
1661	T&C	21 days	3/8/23	28/8/23
1662	**10. PL10 [B4 - L5]**	**110 days**	**17/4/23**	**28/8/23**
1664	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	63 days	18/4/23	4/7/23
1665	Lift Interior	25 days	5/7/23	2/8/23
1666	T&C	21 days	3/8/23	28/8/23
1667	**11. PL11 [L2 - L3]**	**92 days**	**9/5/23**	**26/8/23**
1669	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	42 days	19/5/23	8/7/23
1670	Lift Interior	25 days	10/7/23	7/8/23
1671	T&C	21 days	2/8/23	26/8/23
1672	**Bed Lifts**	**229 days**	**22/11/22**	**26/8/23**
1673	**1.BL01 [L1 -L10]**	**217 days**	**22/11/22**	**12/8/23**
1676	Lift Interior	25 days	19/6/23	18/7/23
1677	T&C	21 days	19/7/23	12/8/23
1678	**2.BL02 [B1 -L9]**	**217 days**	**22/11/22**	**12/8/23**
1681	Lift Interior	25 days	19/6/23	18/7/23
1682	T&C	21 days	19/7/23	12/8/23
1683	**3.BL03 [B1 -L9]**	**165 days**	**9/2/23**	**26/8/23**
1685	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	118 days	10/2/23	3/7/23
1686	Lift Interior	25 days	4/7/23	1/8/23
1687	T&C	21 days	2/8/23	26/8/23
1688	**4.BL04 [L2 -L10]**	**147 days**	**2/3/23**	**26/8/23**
1690	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	100 days	3/3/23	3/7/23
1691	Lift Interior	25 days	4/7/23	1/8/23
1692	T&C	21 days	2/8/23	26/8/23
1693	**Service Lifts**	**262 days**	**10/10/22**	**23/8/23**
1694	**1. SL03 [B1 -L9]**	**244 days**	**1/11/22**	**23/8/23**
1697	Lift Interior	25 days	30/6/23	28/7/23
1698	T&C	21 days	29/7/23	23/8/23
1699	**2. SL04 [B1 -L9]**	**262 days**	**10/10/22**	**23/8/23**
1702	Lift Interior	25 days	30/6/23	28/7/23
1703	T&C	21 days	29/7/23	23/8/23
1704	**Fire Lifts**	**175 days**	**30/1/23**	**28/8/23**
1705	**1. FL01 [B4 -LR] Used for construction**	**175 days**	**30/1/23**	**28/8/23**
1707	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	116 days	1/2/23	20/6/23
1708	Lift Interior	25 days	27/7/23	25/8/23
1709	T&C	21 days	3/8/23	28/8/23
1710	**2. FL02 [B4 -LR] Used for construction**	**174 days**	**31/1/23**	**28/8/23**
1712	Installation of Passenger Lift (Guide Rail, Car Cage, Lift Jamb, Shaft Trunking, Travelling Cable, Car Wiring, Roping, Low/High Speed Testing etc)	116 days	1/2/23	20/6/23
1713	Lift Interior	25 days	27/7/23	25/8/23
1714	T&C	21 days	3/8/23	28/8/23
1715	**Façade Works (Balance at Main Building)**	**301 days**	**9/9/22**	**7/9/23**
1716	**Elevation 1 (GL 1-10/K)**	**269 days**	**9/9/22**	**31/7/23**
1718	Aluminium Cladding (GL 2-9/K) Level 6 Garden	62 days	15/4/23	30/6/23
1719	Staircase 3 (GL 1-2/K) Level 6 to Upper Roof	30 days	1/6/23	7/7/23
1720	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	26 days	1/7/23	31/7/23
1721	**Elevation 2 (GL 10-11/A1-K)**	**282 days**	**29/9/22**	**5/9/23**
1724	Staircase 5 (GL 9-10/H-K) Level 6 to Upper Roof	21 days	21/7/23	15/8/23
1725	Staircase 6 (GL 10/C-D) Level 6 to Upper Roof	38 days	1/7/23	15/8/23
1726	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	18 days	16/8/23	5/9/23

ID	Task Name	Duration	Start	Finish
1727	**Elevation 3 (GL 1-10/C)**	**281 days**	**30/9/22**	**5/9/23**
1729	Staircase 6 (GL 9-10/C) Level 6 to Upper Roof	38 days	1/7/23	15/8/23
1730	Staircase 4 (GL 1-2/C) Level 6 to Lower Roof	26 days	1/6/23	3/7/23
1732	Misc. (Aluminium Fin etc)	18 days	16/8/23	5/9/23
1733	**Elevation 4 (GL 1/C-K)**	**251 days**	**30/9/22**	**31/7/23**
1739	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	30 days	26/6/23	31/7/23
1740	**Elevation 5 : Level 6 & 7 (GL 4-7/H-J)**	**226 days**	**19/10/22**	**20/7/23**
1742	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	36 days	8/6/23	20/7/23
1743	**Elevation 8 (GL 1-4&7-10/F)**	**273 days**	**28/9/22**	**24/8/23**
1746	TC 2 Area Curtain Wall (GL 1-4/F) above Level 6	35 days	8/6/23	19/7/23
1747	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	30 days	20/7/23	24/8/23
1748	**Elevation 9 (GL 1-4&7-10/H)**	**270 days**	**3/10/22**	**25/8/23**
1750	Staircase 5 (GL 9-10/H) Level 6 to Upper Roof	40 days	2/6/23	20/7/23
1752	Misc. (Balance In-fill Panel/ Aluminium Fin etc)	30 days	21/7/23	25/8/23
1753	**Lower/ Upper Roof**	**101 days**	**10/5/23**	**7/9/23**
1754	Façade Louvres	60 days	10/5/23	20/7/23
1755	Aluminium Cladding	50 days	11/7/23	7/9/23
1756	**Hospital Decontamination Station (HDS) and Link Bridge**	**482 days**	**14/3/22**	**16/10/23**
1757	**HDS Construction**	**482 days**	**14/3/22**	**16/10/23**
1758	**Structural Works**	**417 days**	**14/3/22**	**31/7/23**
1763	L3 Parapet Wall and Planter Wall	62 days	15/4/23	30/6/23
1764	L4 Slab (Main Building)	76 days	15/3/23	15/6/23
1765	Down Ramp Construction	**252 days**	**29/9/22**	**31/7/23**
1767	RC Structure	225 days	1/11/22	31/7/23
1771	**Architectural and M&E Works**	**170 days**	**25/3/23**	**16/10/23**
1772	Roofing Works	60 days	13/5/23	24/7/23
1773	Secondary Steel for Ceiling, Catwalk and HDS Support Installation	41 days	27/5/23	15/7/23
1774	Façade Installation	100 days	25/3/23	25/7/23
1775	L2&L3 Architectural/ M&E and Interfacing Works	58 days	15/7/23	21/9/23
1776	Road Works	79 days	15/7/23	16/10/23
1777	**Linkbridge Works**	**394 days**	**30/5/22**	**15/9/23**
1780	RC Works (L3 Slab and Roof)	82 days	30/4/23	7/8/23
1781	Façade Installation	43 days	1/7/23	21/8/23
1782	Architectural/ M&E and Interfacing Works	65 days	1/7/23	15/9/23
1783	**External Works**	**141 days**	**26/4/23**	**11/10/23**
1784	**Level 1 along Bukit Merah (GL 1-10/K)**	**141 days**	**26/4/23**	**11/10/23**
1785	Balance Structure Works	71 days	26/4/23	20/7/23
1786	Hardscape and M&E Works	60 days	15/7/23	23/9/23
1787	Softscape Works	45 days	21/8/23	11/10/23
1788	**Level 1 along Hospital Boulevard (GL 11/A1-K)**	**105 days**	**1/6/23**	**4/10/23**
1789	Balance Structure Works	50 days	1/6/23	31/7/23
1790	Hardscape and M&E Works	60 days	3/7/23	11/9/23
1791	Softscape Works	40 days	19/8/23	4/10/23
1792	**Level 1 to B1 Accessway (GL 1/C-K)**	**86 days**	**28/6/23**	**7/10/23**
1793	Balance Structure Works	45 days	28/6/23	21/8/23
1794	Hardscape and M&E Works	45 days	17/8/23	7/10/23
1795	Softscape Works	30 days	4/9/23	7/10/23
1796	**Level 2 HDS Entrance along Hospital Crescent (GL 1-11/A1-C)**	**76 days**	**24/6/23**	**22/9/23**
1797	Balance Structure Works	60 days	24/6/23	4/9/23
1798	Hardscape and M&E Works	50 days	26/7/23	22/9/23
1799	Softscape Works	30 days	19/8/23	22/9/23
1800	**Temporary Occupation Permit (Phase 1B) Inspection**	**307 days**	**27/10/22**	**31/10/23**
1801	**Power / Water / Aircon Turn-On**	**255 days**	**27/10/22**	**31/8/23**
1804	Aircon Turn-On	0 days	31/8/23	31/8/23
1805	Individual Services Testing	75 days	19/5/23	17/8/23
1806	**Combined Test**	**21 days**	**29/8/23**	**21/9/23**
1807	**Authorities Inspection**	**47 days**	**24/7/23**	**16/9/23**
1808	PUB (WRN) Inspection	14 days	24/7/23	8/8/23
1809	Sewer Connection Clearance	14 days	23/8/23	7/9/23
1810	NEA Mech. Inspection/ Clearance	14 days	1/9/23	16/9/23
1811	ENV Sanitary Inspection/ Clearance	14 days	10/8/23	25/8/23
1812	**RI / TOP Inspection**	**64 days**	**18/8/23**	**31/10/23**
1813	M&E Pre-RI Inspection	7 days	18/8/23	25/8/23
1814	Rectification of M&E Pre-RI Inspection Comments	14 days	29/8/23	13/9/23

ID	Task Name	Duration	Start	Finish
1815	M&E RI Inspection and Rectification Works	14 days	14/9/23	29/9/23
1816	M&E RI Re-inspection and Clearance	7 days	30/9/23	7/10/23
1817	Archi Pre-RI Inspection	7 days	18/8/23	25/8/23
1818	Rectification of Archi Pre-RI Inspection Comments	14 days	29/8/23	13/9/23
1819	Archi RI Inspection and Rectification Works	14 days	14/9/23	29/9/23
1820	Archi RI Re-inspection and Clearance	7 days	30/9/23	7/10/23
1821	TFP Application and Approval	7 days	9/10/23	16/10/23
1822	Application for BCA TOP Inspection	7 days	6/9/23	13/9/23
1823	BCA 1st Inspection (Including Greenmark Inspection)	7 days	22/9/23	29/9/23
1824	BCA TOP Inspection Rectification Works	14 days	30/9/23	16/10/23
1825	BCA Final/2nd Inspection Application and Inspection	3 days	17/10/23	19/10/23
1826	TOP Obtained	0 days	31/10/23	31/10/23



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 – submission by SJC	SP Services Ltd									
Power Supply Substation – submission by SJC	SP PowerGrid Ltd									
Metering Layout – submission by SJC	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept	15/2/18	5/6/18							7/6/18
Domestic Water Supply	PUB (Water Supply) Network Dept	26/2/18	13/3/18	18/7/18	2/10/18	12/2/19	28/2/19			3/6/19
Gas Supply Installation	City Gas Pte Ltd	-	-	-	-	-	-	-	-	-
Air Conditioning & Ventilation Inst. – submission by SJC	FSSD									
Fire Fighting & Alarm Installation	FSSD	16/3/18	10/7/18							7/8/18
Telephone Installation – submission by SJC	TFCC									
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD									
	NEA (Pollution Control)									
Emergency Voice Comm. – submission by SJC	FSSD									

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		12/7/23							14/7/23
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		16/10/23							20/10/23
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/CC	✓	- 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	All project drawings in softcopy to be saved in server
Incoming Architectural Sketches/Details	
Incoming Structural Drawings	
M&E Drawings - Electrical Installation - Air Conditioning & Ventilation Installation (admin office only) - Fire Fighting & Alarm Installation - Plumbing & Sanitary 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	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface With External Design Teams	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, 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

Item No.	Description*	Required From	Required By	Date Required	Remarks
1.	Mechanical equipment power requirements (Admin floors)	YKL/AWL	CSW	15 May 2016	
2.	Mechanical equipment power requirements (Non-admin floors)	YKL/AWL	SJC	15 June 2016	
3.	Cooling load for admin floors	YKL/AWL	SJC	15 June 2016	
4.	Lighting & power distribution for admin floors	CSW	SJC	5 Sept 2016	
5.	Hydrants & rising mains locations & quantity	RDC	AWL/YKL	5 Sept 2016	
6.	Exit lights for admin floors	RDC	CSW	5 Sept 2016	

** 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	C,A	-	-	-	-	
b.	Project Administration	I	-	-	-	-	
c.	Project Cost Estimate/Contract Cost	C,A	-	-	-	-	
2.	**Drawings**						
a.	Outline Design Drgs.	C	-	-	-	-	
b.	Sketch Design Drgs.	C	-	-	-	-	
c.	Final Design Drgs.	C	-	-	-	-	
d.	Shop Drawings	I	-	-	-	-	
e.	As Built Drgs.	I	-	-	-	-	
3.	**Other Document**						
a.	Specification	C,A	-	-	-	-	
b.	Tender Document	C,A	-	-	-	-	
c.	Tender Evaluation Report	-	-	-	-	-	
d.	Design Report	C,A	-	-	-	-	
e.	Progress Report	I	-	-	-	-	
f.	Financial Report	-	-	-	-	-	-
g.	Minutes of Meeting	-	-	-	-	-	
h.	Inspection Report	I	-	-	-	-	
i.	Testing & Comm. Report	I	-	-	-	-	
j.	O & M Manual	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
Project Information and Employer's Requirements	Project Folder (S:\Project\6219-SGH H9A\Scope of Project)

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	CP 5
Air Conditioning & Ventilation Installation	SS 553:2009 (for Admin Offices)
Sprinkler System	CP 52:2004
Wet Riser System	SS 575:2012
Automatic Fire Alarm System	CP 10:2005
Sanitary System	Code of Practice on Sewerage & Sanitary Works
Plumbing System	CP 48:2005
Town Gas/LPG Supply System	CP 608:2015

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Plumbing Engineering Services Design Guide

8.4 List of Pre-Consultation and Waiver

S/N	Description	Date of Application	Date of Approval	Remarks
1	i. Clause 5.6 of CP 52 ii. To advise if the proposed classification of occupancies are acceptable. Consultation Ref No. CON/CO5695/15 Waiver Ref. No.	30 Oct 2015	30 Oct 2015	QP shall comply with CP 52 design guidelines and requirements
2	i. To exempt the LAN rooms, provided with smoke detectors and 2 hr fire compartment from sprinkler provision ii. To propose that the DECAM to be located in the Fault Reporting Centre of the campus rather than the FCC room. Consultation Ref No. CON/C02450/16 Waiver Ref. No.	24 May 2016	25 May 2016	i. This does not comply with the Fire Code requirements. ii. This does not comply with the Fire Code requirements.

8.4 List of Pre-Consultation and Waiver (Cont'd)

S/N	Description	Date of Application	Date of Approval	Remarks
3	i. Private fire hydrant can receive direct supply from public water mains provided the conditions complied to Clause 4.4.2(a) of Fire Code 2013? ii. Table 4.4.2 depicted the total design flow rate for largest compartment more than 10,000m² shall be capped at 57l/s if the area is sprinkler protected. The clause on additional 19l/s for subsequent 5,000m² shall only apply for area not protected by sprinkler. Is the understanding correct? Consultation Ref No. CON/C02346/19 Waiver Ref. No.	23 May 2019	23 May 2019	i. Acceptable as long as complying with the requirements/conditions stated in Fire Code 2013 ii. Not correct. The 57l/s cap if for sprinkler protected building than is less than 10,000m². If greater than 10,000m², will need to add 19l/s for every 5,000m² of area.
4	We would like to seek confirmation that the combined direct and pumped feed system for the private hydrants to achieve required total flowrate of 95l/s is in compliance to the fire code Consultation Ref No. Waiver Ref. No.	30 May 2019	13 Jun 2019	It is not acceptable

8.4 List of Pre-Consultation and Waiver (Cont'd)

S/N	Description	Date of Application	Date of Approval	Remarks
5	Cl. 6.3 of CP52. Based on the sprinkler spray pattern obtained from the manufacturer, the water spray from the first sprinkler is directed below the adjacent sprinkler even though the sprinklers are spaced less than 2m apart. To clarify if it is acceptable to not installed the baffle plate stipulated in Cl. 6.6 in CP52 in this case. Consultation Ref No. CON/C01276/20 Waiver Ref. No.	31 Aug 2020	31 Aug 2020	As clarified, the requirements in Cl. 6.3 in CP 52 shall still be applicable.
6	For sprinkler protected area, additional smoke detectors are to be provided for early detection purpose by end user. Kindly advise if the provision of smoke detection system can be delinked from the fire alarm system? Consultation Ref No. CON/C01353/20 Waiver Ref. No.	16 Oct 2020	16 Oct 2020	No, any additional system shall be complying to SS 645 and be link to the building fire alarm system.
7	To waive DECAM at the proposed H9A development (H9A) Consultation Ref No. Waiver Ref. No. WVR/02793/16	9 Sept 2016	16 Sept 2016	Approved

8.4 List of Pre-Consultation and Waiver (Cont'd)

S/N	Description	Date of Application	Date of Approval	Remarks
8	To permit the combined direct feed and pump feed system for the private hydrants withing the development to achieve the required flowrate of 95l/s (based on the largest compartmentation area of 18,000m² of the sprinkler basement carpark) Consultation Ref No. Waiver Ref. No. WVR/01656/19	28 Jun 2019	8 Jul 2019	Disapproved Reason supporting waiver application not accepted
9	To permit the combined direct feed and pump feed system for the private hydrants withing the development to achieve the required flowrate of 95l/s (based on the largest compartmentation area of 18,000m² of the sprinkler basement carpark) Consultation Ref No. Waiver Ref. No. WVR/01883/19	23 Jul 2019	26 Jul 2019	Conditionally Approved Waiver accepted on condition that the hydrant tank provided shall be full sized (based on the required flowrate and duration of the 2 hydrants it is supplying) and shall not be of reduced capacity.

*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	–
QE1	Quality & Environmental System Audit	✓
QE2	Feedback Reporting	✓
QE3	Clients Feedback	✓
QE4	Management Review	✓

8.6 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Calculux	2.30	Philips	Lighting design	
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	
Lift Traffic	-	Alpha Consulting Engineers Pte Ltd	Lift traffic calculation	
Econdial	2.5	Merlin Gerlin	Design for low voltage network	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Fault Level Calculation	-	Alpha Consulting Engineers Pte Ltd	Calculation of voltage drop and fault level	
DiaLux	4.11	Freewave	Lighting design	✓

(✓*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:	N.A

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

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	C,A
M&E Cost Estimate Report	C,A
Pre-Qualification of Tenderers	-
Tender Documents	C,A
Tender Report	C,A
Payment Valuation for QS	C,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