Alpha
Consulting Engineers Pte Ltd

# PROJECT QUALITY PLAN

PROPOSED CONDOMINIUM HOUSING DEVELOPMENT COMPRISING 8 BLOCKS OF 5-STOREY RESIDENTIAL FLATS (TOTAL: 285 UNITS) WITH COMMON BASEMENT CARPARKS AND COMMUNAL FACILITIES MK04 ON LOT 04954N AT ANAMALAI AVENUE, BUKIT TIMAH ROAD, LILY AVENUE (BUKIT TIMAH PLANNING AREA)

For

SKY TOP INVESTMENTS PTE LTD

| | |
|---|---|
| Copy No. | 1 |

Prepared By : Koh Yong Huat/Lim Chai Hoon

Authorised By : Choong Choon Guan

Date : 7 February 2022

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**SECTION 1**

**QUALITY PLAN CONTROL AND DISTRIBUTION**

### 1.1 List of Copy Holders

| Copy No. | Copy Holder | Date of Issue |
|---|---|---|
| 1 | 6258 | 7 February 2022 |
| | | |
| | | |
| | | |
| | | |

### 1.2 Revision Record

| Revision | Date of Issue | Section Reference | Page(s) | Remarks |
|---|---|---|---|---|
| 0 | 5 February 2018 | 1 to 11 | 31 | + 2 pages (Section 4.1- Overall Programme) |
| 1 | 30 October 2019 | 1 to 11 | 30 | + 16 pages (Section 4.1- Overall Programme) |
| 2 | 21 January 2021 | 1 to 11 | 30 | + 17 pages (Section 4.1- Overall Programme) |
| 3 | 7 February 2022 | 1 to 11 | 30 | + 17 pages (Section 4.1- Overall Programme) |
| | | | | |
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**SECTION 2**

**PROJECT INFORMATION**

## 2.1 Project Description

| | |
|---|---|
| Type of Development | Residential |

| Statistics of Development | |
|---|---|
| Site Area, m² | 16,181.50 |
| Nett Floor Area, m² | - |
| Gross Floor Area, m² | 24,919.51 |
| Covered Carpark, m² | - |
| No. of Covered Carpark Lots | 285+3 Handicapped Lots |
| No. of Apartments/Houses | 285 |
| No. of Beds (for Hospitals) | - |
| No. of Guestroom (for Hotels) | - |
| No. of Blocks / No. of Storeys | 8 Blocks /5 storeys |
| Green Mark Category | Gold Plus |
| No. of Phases | 1 |

## 2.2 Project Cost

| M&E Services Cost Plan (S$ x 1M) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Services | EI | ACVI | LEI | FFAI | PSI | SPFI | | | | |
| Estimate | | | | | | | | | | |
| Awarded | 3.26 | 2.74 | 1.488 | 0.65 | 3.26 | 0.50 | | | | |

| Total Project Construction Cost (S$ x1M) | | | |
|---|---|---|---|
| | Site Clearance | Piling Works | Main Contract |
| Estimate | | | |
| Awarded | | | 80.997 |

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

## 2.3 Scope of Works

### 2.3.1 Scope of Consultancy Services

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

(✓*where applicable*)

### 2.3.2 Scope of M&E Services

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

(✓*where applicable*)

### 2.3.3 Submission to Relevant Authorities by Others

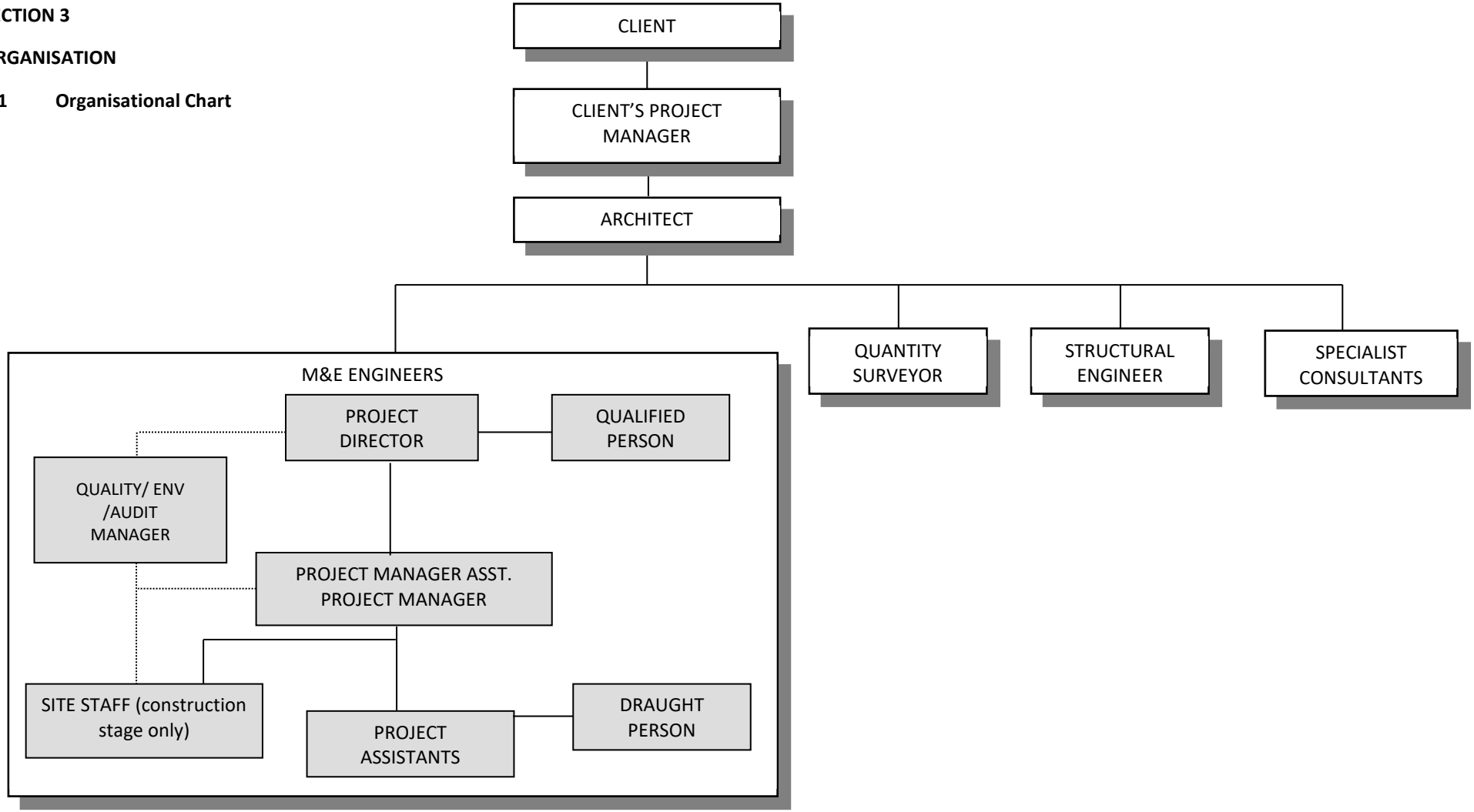
| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EJECTOR & DIVERTER | | SUMP PUMP | | FUEL OIL TANK | | LIFT | ✓ | PRESSURE VESSEL | | HOISTS | | FOAM | |

(✓*where applicable*)

**SECTION 3**

**ORGANISATION**

**3.1 Organisational Chart**



**SECTION 3**

**ORGANISATION**

### 3.2 ACEPL's Project Team Member

| TITLE | | NAME |
|---|---|---|
| Project Director | | Mr Choong Choon Guan (CCG) |
| Qualified Person | Mechanical | Mr Choong Choon Guan (CCG) |
| | Electrical | Mr Loh Fook Yuen (LFY) |
| Project Manager | | Ms Lim Chai Hoon (LCY) |
| Assistant Project Manager | | Mr Koh Yong Huat (KYH) |
| Project Assistant (Mech) | | - |
| Project Assistant (Elect) | | - |
| Draughtsperson | | - |
| Resident Engineer (M&E) | | - |
| Assistant Resident Engineer (M&E) | | - |
| Clerk-of-Work (M&E) | | - |
| Resident Technical Officer (RTO) | | Mr Wilson Kok (KTS) |
| | | |

### 3.3 Client/Client's Representatives

Client: Sky Top Investments Pte Ltd

Address: 1 Kim Seng Promenade #05-02 Great World City Singapore 237994

Tel: +6733 2822

Fax: +6738 3800

Client's Representatives:

| Name of Company | Contact Person | Contact |
|---|---|---|
| Sky Top Investments Pte Ltd | Name: Mr Teo Keng Chiong<br>Position: Executive Director | Tel: 6839 3802<br>Fax: –<br>Handphone: –<br>Email: kcteo@allgreen.com.sg |
| Sky Top Investments Pte Ltd | Name: Mr Wang Tung Shu<br>Position: Project Director | Tel: 6839 3805<br>Fax: –<br>Handphone: 9740 0844<br>Email: wants@allgreen.com.sg |
| Sky Top Investments Pte Ltd | Name: Ms Chan Jer Wei<br>Position: Design Manager | Tel: 6839 3825<br>Fax: –<br>Handphone: 9109 0974<br>Email: chanjw@allgreen.com.sg |
| | Name:<br>Position: | Tel:<br>Fax:<br>Handphone:<br>Email: |
| | Name:<br>Position: | Tel:<br>Fax:<br>Handphone:<br>Email: |
| | Name:<br>Position: | Tel:<br>Fax:<br>Handphone:<br>Email: |
| | Name:<br>Position: | Tel:<br>Fax:<br>Handphone:<br>Email: |
| | Name:<br>Position: | Tel:<br>Fax:<br>Handphone:<br>Email: |

### 3.4 **Other Consultants** (Local)

| Function / Name of Company | Contact Person | Contact |
|---|---|---|
| Project Architect<br>ADDP Architect LLP | Name: Mr Tang Kok Thye<br>Position: Associate Partner / Qualified Person | Tel: –<br>Fax: –<br>Handphone: 9667 5360<br>Email: kokthye@addp.sg |
| Structural Engineer<br>KTP Consultants Pte Ltd | Name: Er Liu Shao Yong<br>Position: Director/Qualified Person | Tel: –<br>Fax: –<br>Handphone: 9100 5818<br>Email: shaoyong.liu@ktpworld.com |
| Quantity Surveyor<br>Threesixty Cost Management Pte Ltd | Name: Mr Ho Kong Mo<br>Position: Managing Director | Tel: –<br>Fax: –<br>Handphone: 9781 0510<br>Email: kongmo.ho@threesixtyconsultants.com |
| Landscape Consultant<br>Tinderbox Studio Pte Ltd | Name: Mr Tan Peck Cheong<br>Position: Principle | Tel:<br>Fax:<br>Handphone: 8228 0776<br>Email: project@tinderbox.com.sg |

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

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

### 3.5 Contractors/Sub-Contractors

| Function / Name of Company | Contract * | Contact Person | Contact |
|---|---|---|---|
| Main Contractor<br>Woh Hup Pte Ltd | DSC | Name: Mr Tony Tang<br>Position: Site Manager | Tel: 6385 8585<br>Fax: 6272 3322<br>Handphone: 8233 6084<br>Email:<br>tang_liangliang@wohhup.com |
| Air Conditioning & Ventilation Installation Sub-Contractor<br>Kembla Air-con (S) Pte Ltd | DSC | Name: Mr Kyaw Myint Naing<br>Position: Project Manager | Tel: 6747 3600<br>Fax: 6747 2989<br>Handphone: 8118 7350<br>Email:<br>kyaw@kemblaaircon.com.sg |
| Plumbing & Sanitary Installation Sub-Contractor<br>Swiftskill Engineering Pte Ltd | DSC | Name: Choon inn Koh<br>Position: – | Tel: –<br>Fax: –<br>Handphone: 9216 8418<br>Email:<br>chooninnkoh@ymail.com |
| Electrical Installation Sub-Contractor<br>BNL Engineering Pte Ltd | DSC | Name: Aung Aye Chan<br>Position: Project Manager | Tel: –<br>Fax: –<br>Handphone: 9108 7155<br>Email:<br>chan.aungaye@bnlengrg.com |
| Lift & Escalator Installation Sub-Contractor<br>Kone Pte Ltd | NSC | Name: Chen Shu Tai<br>Position: – | Tel: 6424 6240<br>Fax: –<br>Handphone: –<br>Email:<br>ShuTai.CHEN@kone.com |
| Fire Fighting & Alarm Installation Sub-Contractor<br>Sprinkler Engineering Pte Ltd | DSC | Name: Tan Tiong Hin<br>Position: – | Tel: –<br>Fax: –<br>Handphone: 9780 0452<br>Email: tionghin@sprinkler-eng.com.sg |
| Swimming Pool Filtration Plant Installation Sub-Contractor<br>Hydrotechs Mechanical and Electrically Service Pte Ltd | DSC | Name: Mr Lai Heng Tong<br>Position: Executive Director | Tel: 6748 4779<br>Fax: 6748 8016<br>Handphone: 9026 1457<br>Email:<br>project@hydrotech.com.sg |

** 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 | Goh Li Qing | 6916 8888 / liqing@spgroup.com.sg |
| (b) Diversion | | |
| SP Services: | | |
| (a) Customer Supply | | |
| (b) Installation | | |
| (c) Meter Section | | |
| (d) Road Lighting | | |
| TFCC: | | |
| (a) SCV | | |
| (b) SingTel | Maynard Mangana | 9780 9069 / maynard@singtel.com |
| (c) StarHub | Mr Sahrul | 6431 0337 / sahrulnizam@netlinknbn.com |
| (d) IDA | Mr Amin Bin Tolhar | 9186 5137 / amin.tolhar@sptel.com |
| BCA: | | |
| (a) Building Plan | | |
| (b) Green Mark | | |
| FSSD: | | |
| (a) Building Plan | | |
| (b) M&E Plan | | |
| PUB (Water Supply) Network Dept: | | |
| (a) Water Conservation | | |
| (b) Plumbing Plan | Ms Neshitra Nair | 6885 2537 / 9451 3273 |
| (c) Diversion | | |
| (d) NEWater | | |
| PUB Water Reclamation (Network) Dept: | | |
| (a) Building Plan/CBPU | | |
| (b) M&E Plan | | |
| (c) Diversion | | |

**3.6 Authorities – Cont'd**

| Authorities/Department | Contact Person | Tel/Fax Nos./E-mail |
|---|---|---|
| City Gas Pte Ltd: | | |
| (a) Planning/Submission | Ms Eileen Loh | 6578 7867 / Eileenloh@citygas.com.sg |
| (b) Installation/Inspection | | |
| PowerGas Pte Ltd | | |
| (a) Diversion | | |
| NEA (Pollution Control) | | |
| (a) Planning/Submission | | |
| (b) Inspection | | |

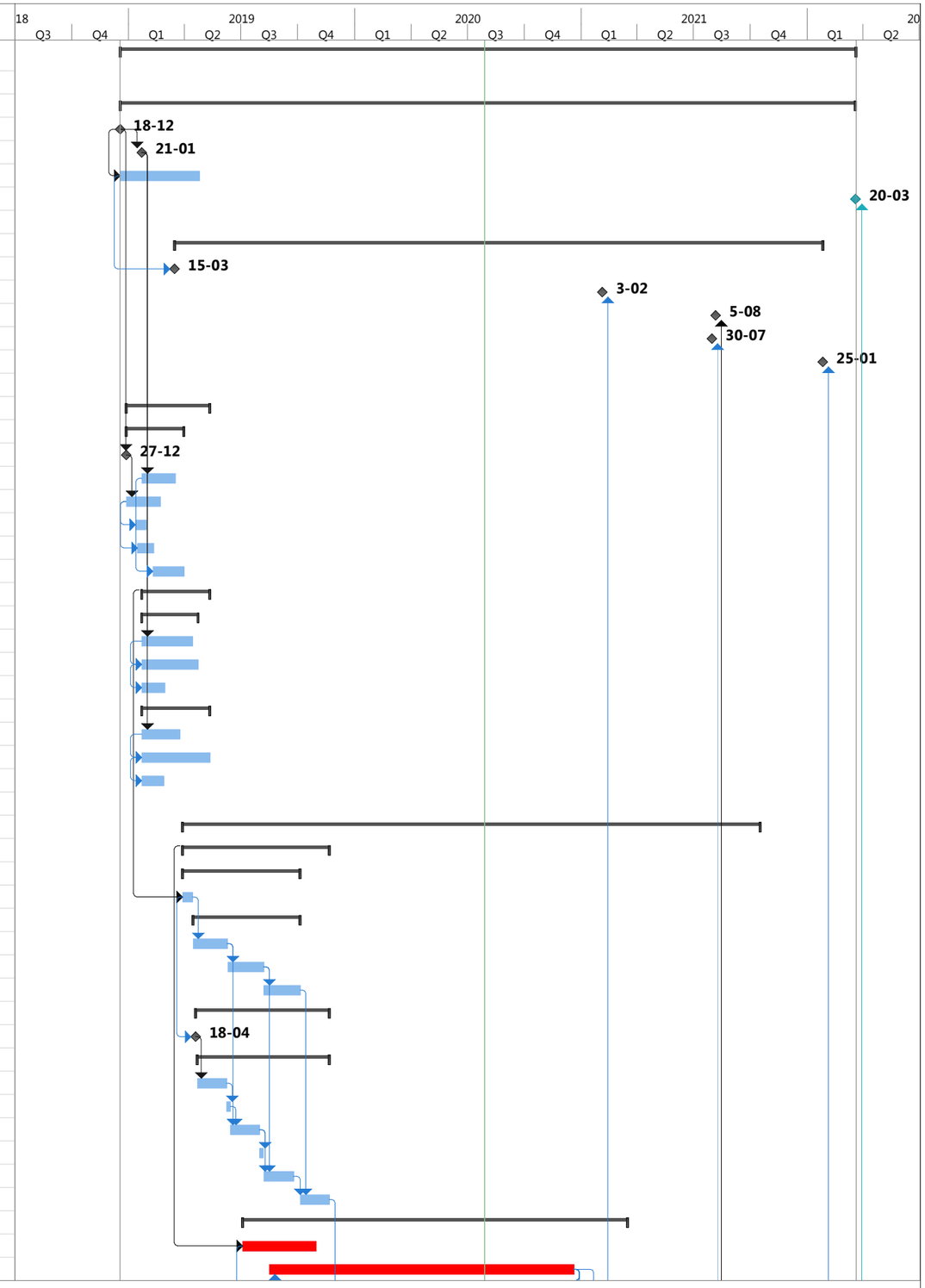
**SECTION 4**

**PROGRAMME**

### 4.1 Overall Programme – Refer to Attached Programme

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

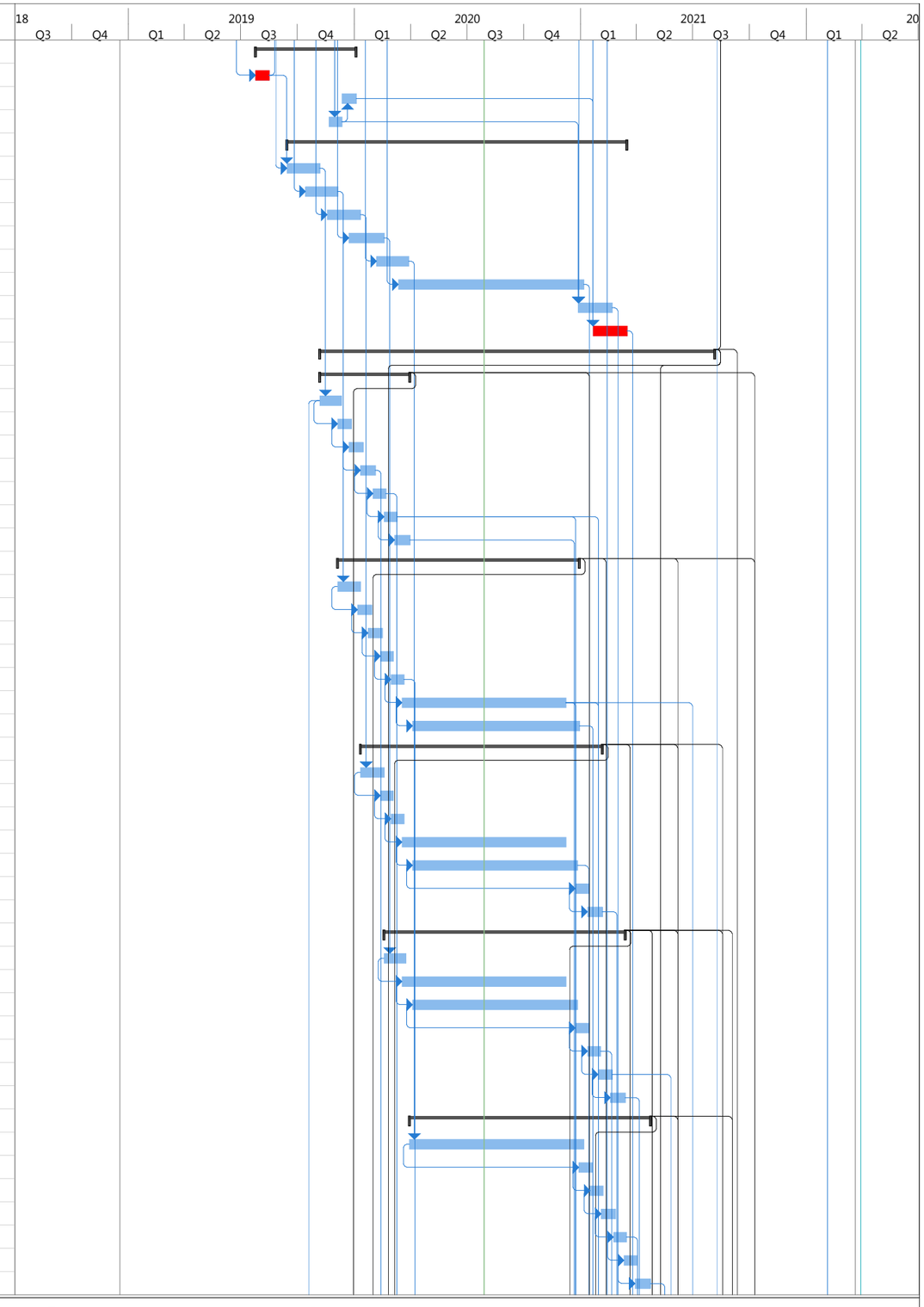
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 1 | **ROYALVILLE - Master Programme Rev.2 (30 Jul 2020)** | **994 days** | **18 Dec '18** | **20 Mar '22** | **0 days** |
| 2 | | | | | |
| 3 | **1A. Project Key Dates** | **993 days** | **18 Dec '18** | **20 Mar '22** | **0 days** |
| 4 | Letter of Award | 0 days | 18 Dec '18 | 18 Dec '18 | 68 days |
| 5 | Site Possession / Contract Commencement | 0 days | 21 Jan '19 | 21 Jan '19 | 68 days |
| 6 | Design Submission / Permit to commence work | 104 days | 18 Dec '18 | 24 Apr '19 | 683 days |
| 7 | TOP Obtained / Completion Date | 0 days | 20 Mar '22 | 20 Mar '22 | -206 days |
| 8 | | | | | |
| 9 | **1B. Critical Milestones** | **875 days** | **15 Mar '19** | **25 Jan '22** | **47 days** |
| 10 | A. PBU Confirmation | 0 days | 15 Mar '19 | 15 Mar '19 | 715 days |
| 11 | B. Completion of Mock Up Units (Type BP-1 (M), B-2, C-2, DP-1) | 0 days | 3 Feb '21 | 3 Feb '21 | 346 days |
| 12 | C. Structure Completion | 0 days | 5 Aug '21 | 5 Aug '21 | 193 days |
| 13 | D. Power Turn On | 0 days | 30 Jul '21 | 30 Jul '21 | 198 days |
| 14 | E. Water Turn On | 0 days | 25 Jan '22 | 25 Jan '22 | 47 days |
| 15 | | | | | |
| 16 | **2. Pre-Construction Works** | **110 days** | **27 Dec '18** | **11 May '19** | **876 days** |
| 17 | **2A. Site Mobilization** | **77 days** | **27 Dec '18** | **30 Mar '19** | **909 days** |
| 18 | Factory License Permit | 0 days | 27 Dec '18 | 27 Dec '18 | 829 days |
| 19 | Site Mobilisation / Setting Up | 45 days | 22 Jan '19 | 16 Mar '19 | 702 days |
| 20 | Pre-Condition Survey | 44 days | 28 Dec '18 | 20 Feb '19 | 810 days |
| 21 | Pre-Computation Plan | 14 days | 12 Jan '19 | 28 Jan '19 | 828 days |
| 22 | Cable / Utilities Detection | 21 days | 15 Jan '19 | 9 Feb '19 | 819 days |
| 23 | Instrumentation / Monitoring | 43 days | 9 Feb '19 | 30 Mar '19 | 702 days |
| 24 | **2B. Pre-Construction Works - Decommissioning of Services** | **90 days** | **22 Jan '19** | **11 May '19** | **876 days** |
| 25 | **1. Decomm services at MDF Room** | **74 days** | **22 Jan '19** | **22 Apr '19** | **892 days** |
| 26 | Netlink Trust | 69 days | 22 Jan '19 | 13 Apr '19 | 685 days |
| 27 | Singtel | 74 days | 22 Jan '19 | 22 Apr '19 | 760 days |
| 28 | Starhub | 30 days | 22 Jan '19 | 27 Feb '19 | 804 days |
| 29 | **2. Decomm of equipment at Sub Station** | **90 days** | **22 Jan '19** | **11 May '19** | **876 days** |
| 30 | SP Group | 51 days | 22 Jan '19 | 23 Mar '19 | 662 days |
| 31 | SP Telecom | 90 days | 22 Jan '19 | 11 May '19 | 68 days |
| 32 | Decomm SP Group (OG Box & Cables) | 28 days | 22 Jan '19 | 25 Feb '19 | 731 days |
| 33 | | | | | |
| 34 | **3. Structural Construction Works** | **779 days** | **29 Mar '19** | **16 Oct '21** | **80 days** |
| 35 | **3A. Asbestos Removal and Demolition Works** | **199 days** | **29 Mar '19** | **20 Nov '19** | **318 days** |
| 36 | **3A1. Asbestos Removal** | **159 days** | **29 Mar '19** | **4 Oct '19** | **318 days** |
| 37 | MOM Clearance | 14 days | 29 Mar '19 | 13 Apr '19 | 260 days |
| 38 | **Asbestos Removal** | **145 days** | **15 Apr '19** | **4 Oct '19** | **318 days** |
| 39 | Block 835 | 45 days | 15 Apr '19 | 8 Jun '19 | 111 days |
| 40 | Block 839 | 50 days | 10 Jun '19 | 6 Aug '19 | 111 days |
| 41 | Block 837 | 50 days | 7 Aug '19 | 4 Oct '19 | 111 days |
| 42 | **3A2. Demolition Works** | **181 days** | **18 Apr '19** | **20 Nov '19** | **349 days** |
| 43 | BCA Permit Approval (For Demolition Works) | 0 days | 18 Apr '19 | 18 Apr '19 | 266 days |
| 44 | Demolition Works | **181 days** | **22 Apr '19** | **20 Nov '19** | **349 days** |
| 45 | Block 833 (No Asbestos) | 40 days | 22 Apr '19 | 7 Jun '19 | 266 days |
| 46 | Substation | 5 days | 8 Jun '19 | 13 Jun '19 | 142 days |
| 47 | Block 835 | 40 days | 14 Jun '19 | 30 Jul '19 | 142 days |
| 48 | MDF Room | 5 days | 31 Jul '19 | 5 Aug '19 | 596 days |
| 49 | Block 839 | 40 days | 7 Aug '19 | 23 Sep '19 | 136 days |
| 50 | Block 837 | 40 days | 5 Oct '19 | 20 Nov '19 | 111 days |
| 51 | **3B. Substructure Works** | **518 days** | **4 Jul '19** | **16 Mar '21** | **0 days** |
| 52 | ERSS (Sheet piles) | 100 days | 4 Jul '19 | 29 Oct '19 | 0 days |
| 53 | Excavation | 412 days | 16 Aug '19 | 19 Dec '20 | 0 days |




Project: Royalvillle Master Programme
Date: 30 Jul 2020
Rev: Rev.2

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

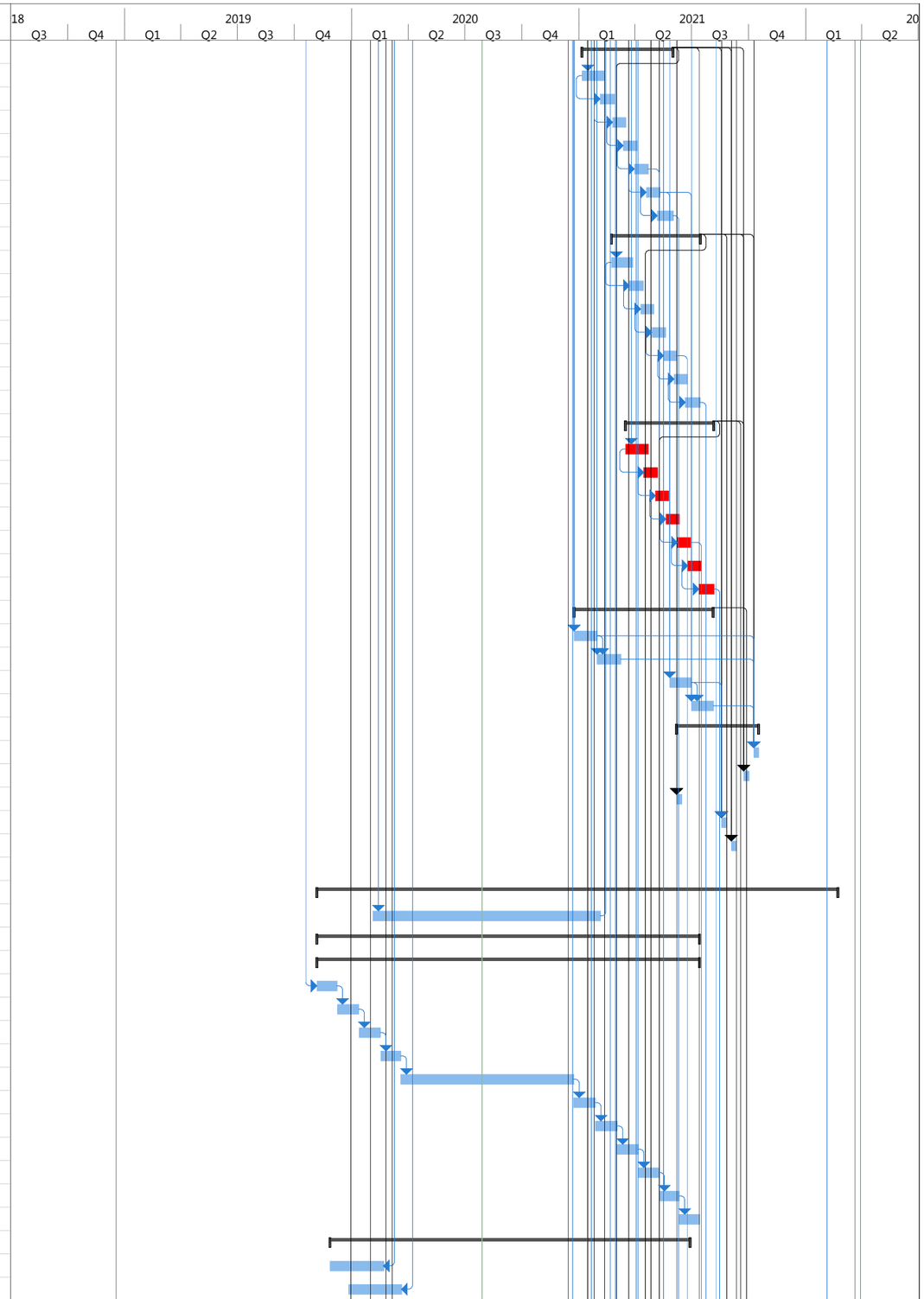
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 54 | **Piling (Block 1, 3, 5)** | **137 days** | **25 Jul '19** | **3 Jan '20** | **0 days** |
| 55 | Block 1 | 18 days | 25 Jul '19 | 15 Aug '19 | 0 days |
| 56 | Block 3 | 18 days | 12 Dec '19 | 3 Jan '20 | 111 days |
| 57 | Block 5 | 18 days | 21 Nov '19 | 11 Dec '19 | 111 days |
| 58 | **Basement Works** | **457 days** | **14 Sep '19** | **16 Mar '21** | **0 days** |
| 59 | Block 1 | 45 days | 14 Sep '19 | 5 Nov '19 | 394 days |
| 60 | Block 4 | 45 days | 14 Oct '19 | 4 Dec '19 | 369 days |
| 61 | Block 6 | 45 days | 18 Nov '19 | 10 Jan '20 | 340 days |
| 62 | Block 7 | 45 days | 23 Dec '19 | 17 Feb '20 | 309 days |
| 63 | Block 8 | 45 days | 6 Feb '20 | 28 Mar '20 | 275 days |
| 64 | Block 5 | 249 days | 12 Mar '20 | 5 Jan '21 | 40 days |
| 65 | Block 2 | 45 days | 28 Dec '20 | 20 Feb '21 | 19 days |
| 66 | Block 3 | 45 days | 21 Jan '21 | 16 Mar '21 | 0 days |
| 67 | **3C. Superstructure Works** | **532 days** | **6 Nov '19** | **5 Aug '21** | **39 days** |
| 68 | **Block 1** | **121 days** | **6 Nov '19** | **30 Mar '20** | **191 days** |
| 69 | 1st Sty | 30 days | 6 Nov '19 | 10 Dec '19 | 191 days |
| 70 | 2nd Sty | 18 days | 5 Dec '19 | 26 Dec '19 | 191 days |
| 71 | 3rd Sty | 18 days | 23 Dec '19 | 14 Jan '20 | 191 days |
| 72 | 4th Sty | 18 days | 11 Jan '20 | 3 Feb '20 | 191 days |
| 73 | 5th Sty | 18 days | 31 Jan '20 | 20 Feb '20 | 191 days |
| 74 | Roof | 18 days | 18 Feb '20 | 9 Mar '20 | 191 days |
| 75 | Upper Roof | 21 days | 6 Mar '20 | 30 Mar '20 | 191 days |
| 76 | **Block 4** | **324 days** | **5 Dec '19** | **29 Dec '20** | **166 days** |
| 77 | 1st Sty | 30 days | 5 Dec '19 | 10 Jan '20 | 166 days |
| 78 | 2nd Sty | 18 days | 6 Jan '20 | 28 Jan '20 | 166 days |
| 79 | 3rd Sty | 18 days | 23 Jan '20 | 14 Feb '20 | 166 days |
| 80 | 4th Sty | 18 days | 12 Feb '20 | 3 Mar '20 | 166 days |
| 81 | 5th Sty | 18 days | 29 Feb '20 | 20 Mar '20 | 166 days |
| 82 | Roof | 221 days | 18 Mar '20 | 7 Dec '20 | 166 days |
| 83 | Upper Roof | 224 days | 4 Apr '20 | 29 Dec '20 | 167 days |
| 84 | **Block 6** | **325 days** | **11 Jan '20** | **4 Feb '21** | **136 days** |
| 85 | 1st Sty | 30 days | 11 Jan '20 | 17 Feb '20 | 136 days |
| 86 | 2nd Sty | 18 days | 12 Feb '20 | 3 Mar '20 | 136 days |
| 87 | 3rd Sty | 18 days | 29 Feb '20 | 20 Mar '20 | 136 days |
| 88 | 4th Sty | 221 days | 18 Mar '20 | 7 Dec '20 | 136 days |
| 89 | 5th Sty | 222 days | 4 Apr '20 | 26 Dec '20 | 136 days |
| 90 | Roof | 18 days | 23 Dec '20 | 14 Jan '21 | 136 days |
| 91 | Upper Roof | 21 days | 12 Jan '21 | 4 Feb '21 | 136 days |
| 92 | **Block 7** | **325 days** | **18 Feb '20** | **13 Mar '21** | **105 days** |
| 93 | 1st Sty | 30 days | 18 Feb '20 | 23 Mar '20 | 105 days |
| 94 | 2nd Sty | 221 days | 18 Mar '20 | 7 Dec '20 | 105 days |
| 95 | 3rd Sty | 222 days | 4 Apr '20 | 26 Dec '20 | 105 days |
| 96 | 4th Sty | 18 days | 23 Dec '20 | 14 Jan '21 | 105 days |
| 97 | 5th Sty | 18 days | 12 Jan '21 | 1 Feb '21 | 105 days |
| 98 | Roof | 18 days | 29 Jan '21 | 20 Feb '21 | 105 days |
| 99 | Upper Roof | 21 days | 18 Feb '21 | 13 Mar '21 | 106 days |
| 100 | **Block 8** | **324 days** | **30 Mar '20** | **23 Apr '21** | **72 days** |
| 101 | 1st Sty | 234 days | 30 Mar '20 | 5 Jan '21 | 72 days |
| 102 | 2nd Sty | 18 days | 29 Dec '20 | 19 Jan '21 | 72 days |
| 103 | 3rd Sty | 18 days | 16 Jan '21 | 5 Feb '21 | 72 days |
| 104 | 4th Sty | 18 days | 3 Feb '21 | 25 Feb '21 | 72 days |
| 105 | 5th Sty | 18 days | 23 Feb '21 | 15 Mar '21 | 72 days |
| 106 | Roof | 18 days | 12 Mar '21 | 1 Apr '21 | 72 days |
| 107 | Upper Roof | 21 days | 30 Mar '21 | 23 Apr '21 | 72 days |




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

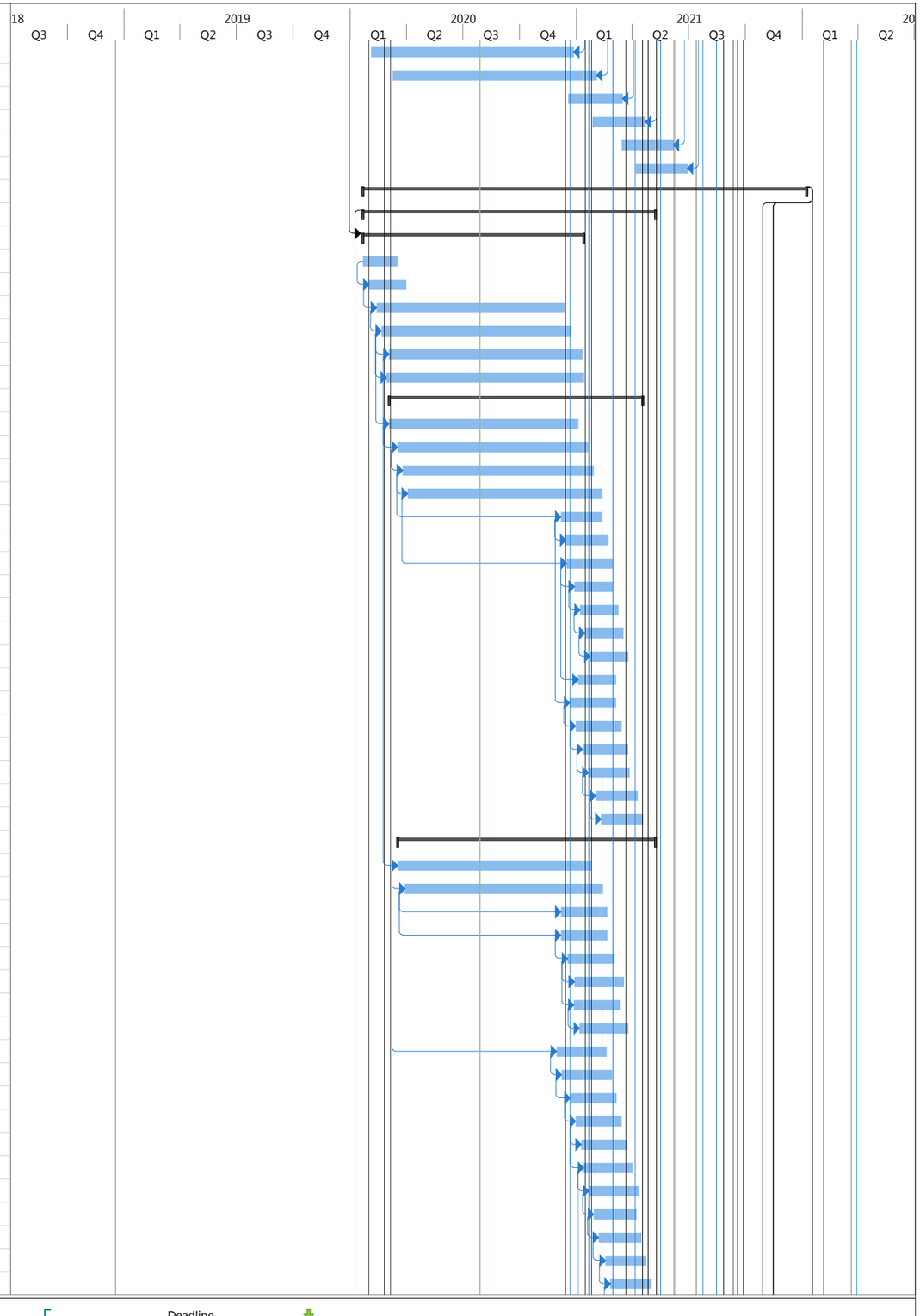
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 108 | **Block 5** | **121 days** | **6 Jan '21** | **31 May '21** | **40 days** |
| 109 | 1st Sty | 30 days | 6 Jan '21 | 9 Feb '21 | 40 days |
| 110 | 2nd Sty | 18 days | 4 Feb '21 | 26 Feb '21 | 40 days |
| 111 | 3rd Sty | 18 days | 24 Feb '21 | 16 Mar '21 | 40 days |
| 112 | 4th Sty | 18 days | 13 Mar '21 | 3 Apr '21 | 40 days |
| 113 | 5th Sty | 18 days | 31 Mar '21 | 21 Apr '21 | 40 days |
| 114 | Roof | 18 days | 19 Apr '21 | 10 May '21 | 40 days |
| 115 | Upper Roof | 21 days | 7 May '21 | 31 May '21 | 57 days |
| 116 | **Block 2** | **121 days** | **22 Feb '21** | **14 Jul '21** | **19 days** |
| 117 | 1st Sty | 30 days | 22 Feb '21 | 27 Mar '21 | 19 days |
| 118 | 2nd Sty | 18 days | 23 Mar '21 | 13 Apr '21 | 19 days |
| 119 | 3rd Sty | 18 days | 10 Apr '21 | 30 Apr '21 | 19 days |
| 120 | 4th Sty | 18 days | 28 Apr '21 | 19 May '21 | 19 days |
| 121 | 5th Sty | 18 days | 17 May '21 | 5 Jun '21 | 19 days |
| 122 | Roof | 18 days | 3 Jun '21 | 23 Jun '21 | 19 days |
| 123 | Upper Roof | 21 days | 21 Jun '21 | 14 Jul '21 | 19 days |
| 124 | **Block 3** | **120 days** | **17 Mar '21** | **5 Aug '21** | **0 days** |
| 125 | 1st Sty | 30 days | 17 Mar '21 | 21 Apr '21 | 0 days |
| 126 | 2nd Sty | 18 days | 15 Apr '21 | 6 May '21 | 0 days |
| 127 | 3rd Sty | 18 days | 4 May '21 | 24 May '21 | 0 days |
| 128 | 4th Sty | 18 days | 21 May '21 | 10 Jun '21 | 0 days |
| 129 | 5th Sty | 18 days | 8 Jun '21 | 28 Jun '21 | 0 days |
| 130 | Roof | 18 days | 25 Jun '21 | 15 Jul '21 | 0 days |
| 131 | Upper Roof | 21 days | 13 Jul '21 | 5 Aug '21 | 0 days |
| 132 | **Link Bridges & Tennis Court** | **186 days** | **24 Dec '20** | **4 Aug '21** | **40 days** |
| 133 | Tennis Court | 30 days | 24 Dec '20 | 29 Jan '21 | 166 days |
| 134 | Blk 1 to Blk 4 | 30 days | 30 Jan '21 | 8 Mar '21 | 166 days |
| 135 | Blk 5 to Blk 7 | 30 days | 27 May '21 | 30 Jun '21 | 40 days |
| 136 | Blk 4 to Blk 5 | 30 days | 1 Jul '21 | 4 Aug '21 | 40 days |
| 137 | **3D. Tower Crane Removal** | **113 days** | **7 Jun '21** | **16 Oct '21** | **132 days** |
| 138 | Tower Crane 1 (Serving Block 1, 2, 4) | 7 days | 9 Oct '21 | 16 Oct '21 | 132 days |
| 139 | Tower Crane 2 (Serving Block 2, 3, 5) | 7 days | 23 Sep '21 | 30 Sep '21 | 146 days |
| 140 | Tower Crane 3 (Serving Block 4, 6, 7) | 7 days | 7 Jun '21 | 14 Jun '21 | 238 days |
| 141 | Tower Crane 4 (Serving Block 5, 6, 7) | 7 days | 18 Aug '21 | 25 Aug '21 | 177 days |
| 142 | Tower Crane 5 (Serving Block 5, 7, 8) | 7 days | 3 Sep '21 | 10 Sep '21 | 163 days |
| 143 | | | | | |
| 144 | **4. Architecture/ MEP Works** | **701 days** | **6 Nov '19** | **21 Feb '22** | **24 days** |
| 145 | **4A. In situ Mock Up Units (Type BP-1 (M), B-2, C-2, DP-1)** | **306 days** | **4 Feb '20** | **3 Feb '21** | **346 days** |
| 146 | **4B. PBU Delivery and Installation** | **512 days** | **6 Nov '19** | **13 Jul '21** | **213 days** |
| 147 | **PBU Delivery** | **512 days** | **6 Nov '19** | **13 Jul '21** | **213 days** |
| 148 | Batch 1 | 28 days | 6 Nov '19 | 7 Dec '19 | 417 days |
| 149 | Batch 2 | 28 days | 9 Dec '19 | 11 Jan '20 | 213 days |
| 150 | Batch 3 | 28 days | 13 Jan '20 | 15 Feb '20 | 213 days |
| 151 | Batch 4 | 28 days | 17 Feb '20 | 19 Mar '20 | 213 days |
| 152 | Batch 5 | 232 days | 20 Mar '20 | 22 Dec '20 | 213 days |
| 153 | Batch 6 | 28 days | 23 Dec '20 | 26 Jan '21 | 213 days |
| 154 | Batch 7 | 28 days | 27 Jan '21 | 2 Mar '21 | 213 days |
| 155 | Batch 8 | 28 days | 3 Mar '21 | 5 Apr '21 | 213 days |
| 156 | Batch 9 | 28 days | 6 Apr '21 | 8 May '21 | 213 days |
| 157 | Batch 10 | 28 days | 10 May '21 | 10 Jun '21 | 213 days |
| 158 | Batch 11 | 28 days | 11 Jun '21 | 13 Jul '21 | 213 days |
| 159 | **PBU Installation (L1 to L5)** | **481 days** | **27 Nov '19** | **28 Jun '21** | **226 days** |
| 160 | Block 1 | 70 days | 27 Nov '19 | 20 Feb '20 | 637 days |
| 161 | Block 4 | 70 days | 27 Dec '19 | 20 Mar '20 | 612 days |




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Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
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Manual Progress
Critical Task

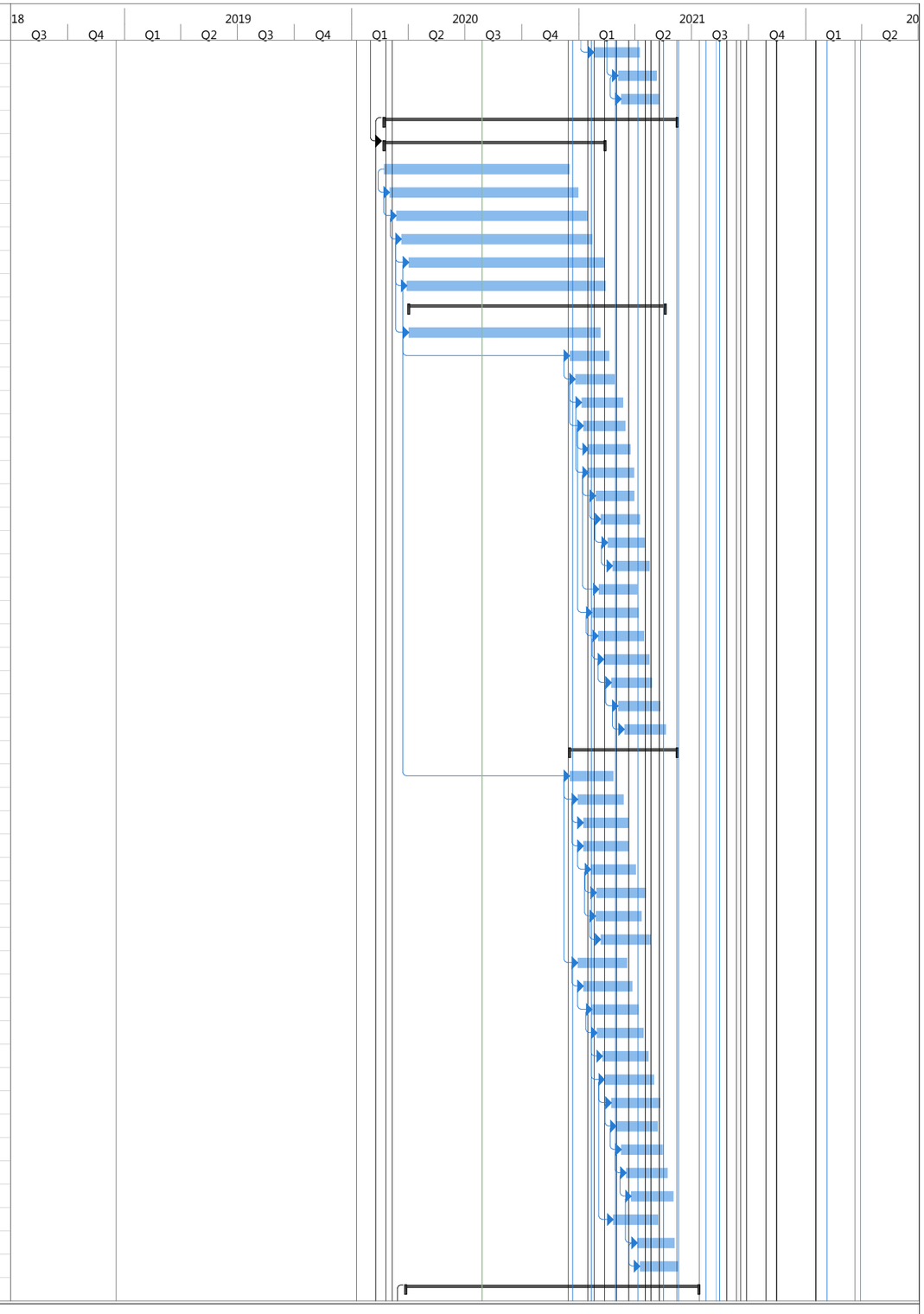
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 162 | Block 6 | 274 days | 4 Feb '20 | 26 Dec '20 | 378 days |
| 163 | Block 7 | 274 days | 10 Mar '20 | 1 Feb '21 | 348 days |
| 164 | Block 8 | 70 days | 19 Dec '20 | 15 Mar '21 | 314 days |
| 165 | Block 5 | 70 days | 27 Jan '21 | 21 Apr '21 | 283 days |
| 166 | Block 2 | 70 days | 15 Mar '21 | 5 Jun '21 | 245 days |
| 167 | Block 3 | 70 days | 7 Apr '21 | 28 Jun '21 | 226 days |
| 168 | **4C. Units Architecture / MEP Works** | **599 days** | **22 Jan '20** | **7 Jan '22** | **0 days** |
| 169 | **Block 1** | **392 days** | **22 Jan '20** | **8 May '21** | **207 days** |
| 170 | **General Works (Wet Areas & Dry Areas)** | **296 days** | **22 Jan '20** | **12 Jan '21** | **207 days** |
| 171 | Structural Clearance | 45 days | 22 Jan '20 | 16 Mar '20 | 411 days |
| 172 | Kerb Casting Completion | 50 days | 1 Feb '20 | 30 Mar '20 | 207 days |
| 173 | Structural Ponding Test | 254 days | 13 Feb '20 | 11 Dec '20 | 207 days |
| 174 | Acotec / Dry Wall Frame | 255 days | 21 Feb '20 | 21 Dec '20 | 207 days |
| 175 | Window / Door Frame Installation | 260 days | 4 Mar '20 | 9 Jan '21 | 207 days |
| 176 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 265 days | 29 Feb '20 | 12 Jan '21 | 303 days |
| 177 | **Wet Area - Bathroom / Wet Kitchen** | **341 days** | **4 Mar '20** | **17 Apr '21** | **224 days** |
| 178 | Waterproofing (Include Water Proofing Ponding Test) | 254 days | 4 Mar '20 | 2 Jan '21 | 224 days |
| 179 | Floor Screed | 255 days | 18 Mar '20 | 18 Jan '21 | 224 days |
| 180 | Ceiling Frame | 256 days | 26 Mar '20 | 27 Jan '21 | 224 days |
| 181 | Ceiling Clearance (M&E) | 261 days | 3 Apr '20 | 10 Feb '21 | 244 days |
| 182 | Wall Tiles | 55 days | 7 Dec '20 | 10 Feb '21 | 224 days |
| 183 | Floor Tiles | 55 days | 15 Dec '20 | 20 Feb '21 | 271 days |
| 184 | Ceiling Board Installation | 60 days | 16 Dec '20 | 27 Feb '21 | 244 days |
| 185 | Vanity Cabinet Carcass | 50 days | 29 Dec '20 | 27 Feb '21 | 244 days |
| 186 | Vanity Counter Top | 50 days | 7 Jan '21 | 8 Mar '21 | 244 days |
| 187 | WC & Basin | 50 days | 15 Jan '21 | 16 Mar '21 | 244 days |
| 188 | Shower Screen | 50 days | 23 Jan '21 | 24 Mar '21 | 244 days |
| 189 | Mirror | 50 days | 4 Jan '21 | 4 Mar '21 | 261 days |
| 190 | Kitchen Cabinet Carcass | 60 days | 21 Dec '20 | 4 Mar '21 | 224 days |
| 191 | Kitchen Top | 60 days | 31 Dec '20 | 13 Mar '21 | 224 days |
| 192 | Kitchen Sink | 60 days | 11 Jan '21 | 23 Mar '21 | 224 days |
| 193 | Kitchen Hood & Hob | 55 days | 20 Jan '21 | 26 Mar '21 | 224 days |
| 194 | Kitchen Cabinet Door & Drawers | 55 days | 1 Feb '21 | 8 Apr '21 | 224 days |
| 195 | Bathroom / Kitchen Accessories & Fitting | 55 days | 10 Feb '21 | 17 Apr '21 | 224 days |
| 196 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **346 days** | **18 Mar '20** | **8 May '21** | **207 days** |
| 197 | Floor Screed | 260 days | 18 Mar '20 | 23 Jan '21 | 207 days |
| 198 | Dry Wall Frame Work | 266 days | 30 Mar '20 | 11 Feb '21 | 244 days |
| 199 | Dry Wall Board Installation | 60 days | 7 Dec '20 | 18 Feb '21 | 273 days |
| 200 | Ceiling Frame | 60 days | 7 Dec '20 | 18 Feb '21 | 244 days |
| 201 | Ceiling Clearance (M&E) | 60 days | 18 Dec '20 | 2 Mar '21 | 244 days |
| 202 | Ceiling Board Installation | 65 days | 29 Dec '20 | 17 Mar '21 | 250 days |
| 203 | Living / Dining Floor Marble | 60 days | 28 Dec '20 | 10 Mar '21 | 244 days |
| 204 | Skim Coat | 65 days | 6 Jan '21 | 24 Mar '21 | 244 days |
| 205 | Window Glazing Installation | 65 days | 30 Nov '20 | 17 Feb '21 | 207 days |
| 206 | Parquet Installation | 65 days | 8 Dec '20 | 25 Feb '21 | 207 days |
| 207 | Parquet Coarse Sanding | 60 days | 22 Dec '20 | 5 Mar '21 | 207 days |
| 208 | Wardrobe Carcass Installation | 60 days | 31 Dec '20 | 13 Mar '21 | 207 days |
| 209 | Wardrobe Door and Infill | 60 days | 9 Jan '21 | 22 Mar '21 | 246 days |
| 210 | Door Frame / Panel | 65 days | 13 Jan '21 | 31 Mar '21 | 207 days |
| 211 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 21 Jan '21 | 9 Apr '21 | 207 days |
| 212 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 29 Jan '21 | 6 Apr '21 | 207 days |
| 213 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 6 Feb '21 | 14 Apr '21 | 207 days |
| 214 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 17 Feb '21 | 22 Apr '21 | 207 days |
| 215 | Timber Parquet Final Coat Varnishing | 55 days | 25 Feb '21 | 30 Apr '21 | 207 days |




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

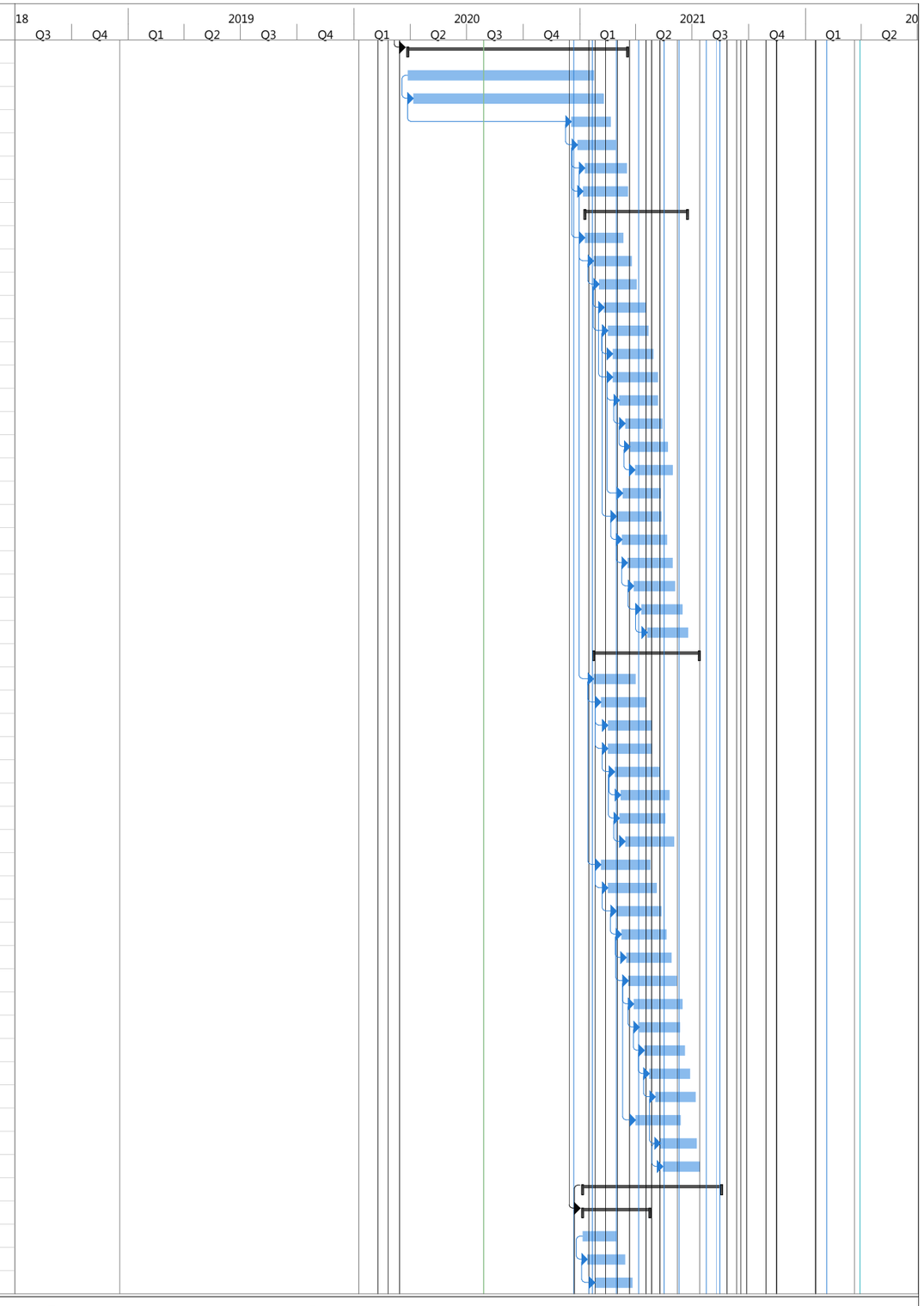
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 216 | Marble Polishing and Protection | 60 days | 25 Jan '21 | 7 Apr '21 | 233 days |
| 217 | Final Touch-Up and Cleaning | 50 days | 5 Mar '21 | 4 May '21 | 207 days |
| 218 | Final Touch-Up and Rectification | 50 days | 10 Mar '21 | 8 May '21 | 207 days |
| 219 | **Block 4** | **392 days** | **22 Feb '20** | **7 Jun '21** | **182 days** |
| 220 | **General Works (Wet Areas & Dry Areas)** | **297 days** | **22 Feb '20** | **11 Feb '21** | **182 days** |
| 221 | Structural Clearance | 249 days | 22 Feb '20 | 15 Dec '20 | 182 days |
| 222 | Kerb Casting Completion | 253 days | 2 Mar '20 | 29 Dec '20 | 182 days |
| 223 | Structural Ponding Test | 255 days | 13 Mar '20 | 13 Jan '21 | 182 days |
| 224 | Acotec / Dry Wall Frame | 255 days | 21 Mar '20 | 21 Jan '21 | 182 days |
| 225 | Window / Door Frame Installation | 261 days | 2 Apr '20 | 9 Feb '21 | 182 days |
| 226 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 266 days | 30 Mar '20 | 11 Feb '21 | 277 days |
| 227 | **Wet Area - Bathroom / Wet Kitchen** | **342 days** | **2 Apr '20** | **19 May '21** | **198 days** |
| 228 | Waterproofing (Include Water Proofing Ponding Test) | 256 days | 2 Apr '20 | 3 Feb '21 | 198 days |
| 229 | Floor Screed | 50 days | 17 Dec '20 | 17 Feb '21 | 198 days |
| 230 | Ceiling Frame | 50 days | 26 Dec '20 | 25 Feb '21 | 198 days |
| 231 | Ceiling Clearance (M&E) | 55 days | 5 Jan '21 | 11 Mar '21 | 219 days |
| 232 | Wall Tiles | 55 days | 8 Jan '21 | 15 Mar '21 | 198 days |
| 233 | Floor Tiles | 55 days | 16 Jan '21 | 23 Mar '21 | 245 days |
| 234 | Ceiling Board Installation | 60 days | 16 Jan '21 | 29 Mar '21 | 219 days |
| 235 | Vanity Cabinet Carcass | 50 days | 28 Jan '21 | 29 Mar '21 | 219 days |
| 236 | Vanity Counter Top | 50 days | 5 Feb '21 | 7 Apr '21 | 219 days |
| 237 | WC & Basin | 50 days | 16 Feb '21 | 15 Apr '21 | 219 days |
| 238 | Shower Screen | 50 days | 24 Feb '21 | 23 Apr '21 | 219 days |
| 239 | Mirror | 50 days | 2 Feb '21 | 3 Apr '21 | 236 days |
| 240 | Kitchen Cabinet Carcass | 60 days | 22 Jan '21 | 5 Apr '21 | 198 days |
| 241 | Kitchen Top | 60 days | 1 Feb '21 | 14 Apr '21 | 198 days |
| 242 | Kitchen Sink | 60 days | 10 Feb '21 | 23 Apr '21 | 198 days |
| 243 | Kitchen Hood & Hob | 55 days | 22 Feb '21 | 27 Apr '21 | 198 days |
| 244 | Kitchen Cabinet Door & Drawers | 55 days | 5 Mar '21 | 10 May '21 | 198 days |
| 245 | Bathroom / Kitchen Accessories & Fitting | 55 days | 15 Mar '21 | 19 May '21 | 198 days |
| 246 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **17 Dec '20** | **7 Jun '21** | **182 days** |
| 247 | Floor Screed | 55 days | 17 Dec '20 | 23 Feb '21 | 182 days |
| 248 | Dry Wall Frame Work | 60 days | 30 Dec '20 | 12 Mar '21 | 218 days |
| 249 | Dry Wall Board Installation | 60 days | 8 Jan '21 | 20 Mar '21 | 247 days |
| 250 | Ceiling Frame | 60 days | 8 Jan '21 | 20 Mar '21 | 218 days |
| 251 | Ceiling Clearance (M&E) | 60 days | 20 Jan '21 | 1 Apr '21 | 218 days |
| 252 | Ceiling Board Installation | 65 days | 29 Jan '21 | 17 Apr '21 | 224 days |
| 253 | Living / Dining Floor Marble | 60 days | 28 Jan '21 | 10 Apr '21 | 218 days |
| 254 | Skim Coat | 65 days | 5 Feb '21 | 24 Apr '21 | 218 days |
| 255 | Window Glazing Installation | 65 days | 30 Dec '20 | 18 Mar '21 | 182 days |
| 256 | Parquet Installation | 65 days | 8 Jan '21 | 26 Mar '21 | 182 days |
| 257 | Parquet Coarse Sanding | 60 days | 22 Jan '21 | 5 Apr '21 | 182 days |
| 258 | Wardrobe Carcass Installation | 60 days | 30 Jan '21 | 13 Apr '21 | 182 days |
| 259 | Wardrobe Door and Infill | 60 days | 8 Feb '21 | 21 Apr '21 | 221 days |
| 260 | Door Frame / Panel | 65 days | 11 Feb '21 | 30 Apr '21 | 182 days |
| 261 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 22 Feb '21 | 10 May '21 | 182 days |
| 262 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 2 Mar '21 | 6 May '21 | 182 days |
| 263 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 10 Mar '21 | 14 May '21 | 182 days |
| 264 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 18 Mar '21 | 22 May '21 | 182 days |
| 265 | Timber Parquet Final Coat Varnishing | 55 days | 26 Mar '21 | 31 May '21 | 182 days |
| 266 | Marble Polishing and Protection | 60 days | 25 Feb '21 | 7 May '21 | 208 days |
| 267 | Final Touch-Up and Cleaning | 50 days | 5 Apr '21 | 2 Jun '21 | 182 days |
| 268 | Final Touch-Up and Rectification | 50 days | 9 Apr '21 | 7 Jun '21 | 182 days |
| 269 | **Block 6** | **392 days** | **28 Mar '20** | **12 Jul '21** | **152 days** |




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Task
Split
Milestone
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Project Summary
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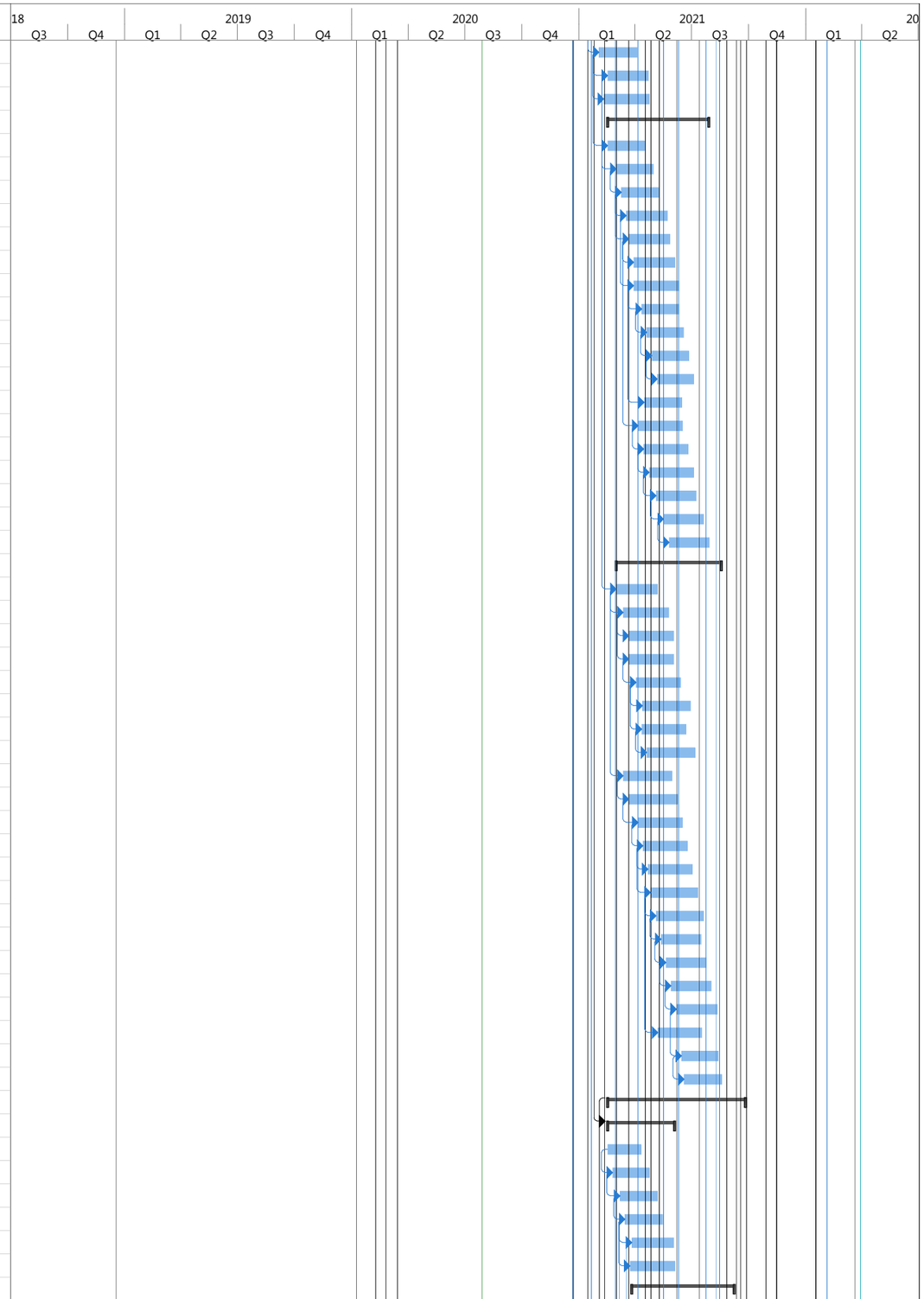
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 270 | **General Works (Wet Areas & Dry Areas)** | **295 days** | **28 Mar '20** | **18 Mar '21** | **152 days** |
| 271 | Structural Clearance | 250 days | 28 Mar '20 | 22 Jan '21 | 152 days |
| 272 | Kerb Casting Completion | 256 days | 6 Apr '20 | 6 Feb '21 | 152 days |
| 273 | Structural Ponding Test | 50 days | 18 Dec '20 | 18 Feb '21 | 152 days |
| 274 | Acotec / Dry Wall Frame | 50 days | 28 Dec '20 | 26 Feb '21 | 152 days |
| 275 | Window / Door Frame Installation | 55 days | 9 Jan '21 | 16 Mar '21 | 152 days |
| 276 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 6 Jan '21 | 18 Mar '21 | 249 days |
| 277 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **9 Jan '21** | **23 Jun '21** | **168 days** |
| 278 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 9 Jan '21 | 10 Mar '21 | 168 days |
| 279 | Floor Screed | 50 days | 23 Jan '21 | 24 Mar '21 | 168 days |
| 280 | Ceiling Frame | 50 days | 1 Feb '21 | 1 Apr '21 | 168 days |
| 281 | Ceiling Clearance (M&E) | 55 days | 9 Feb '21 | 16 Apr '21 | 189 days |
| 282 | Wall Tiles | 55 days | 15 Feb '21 | 20 Apr '21 | 168 days |
| 283 | Floor Tiles | 55 days | 23 Feb '21 | 28 Apr '21 | 215 days |
| 284 | Ceiling Board Installation | 60 days | 23 Feb '21 | 5 May '21 | 189 days |
| 285 | Vanity Cabinet Carcass | 50 days | 6 Mar '21 | 5 May '21 | 189 days |
| 286 | Vanity Counter Top | 50 days | 15 Mar '21 | 13 May '21 | 189 days |
| 287 | WC & Basin | 50 days | 23 Mar '21 | 21 May '21 | 189 days |
| 288 | Shower Screen | 50 days | 31 Mar '21 | 29 May '21 | 189 days |
| 289 | Mirror | 50 days | 11 Mar '21 | 10 May '21 | 206 days |
| 290 | Kitchen Cabinet Carcass | 60 days | 1 Mar '21 | 11 May '21 | 168 days |
| 291 | Kitchen Top | 60 days | 10 Mar '21 | 20 May '21 | 168 days |
| 292 | Kitchen Sink | 60 days | 19 Mar '21 | 29 May '21 | 168 days |
| 293 | Kitchen Hood & Hob | 55 days | 29 Mar '21 | 2 Jun '21 | 168 days |
| 294 | Kitchen Cabinet Door & Drawers | 55 days | 10 Apr '21 | 14 Jun '21 | 168 days |
| 295 | Bathroom / Kitchen Accessories & Fitting | 55 days | 20 Apr '21 | 23 Jun '21 | 168 days |
| 296 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **23 Jan '21** | **12 Jul '21** | **152 days** |
| 297 | Floor Screed | 55 days | 23 Jan '21 | 30 Mar '21 | 152 days |
| 298 | Dry Wall Frame Work | 60 days | 4 Feb '21 | 17 Apr '21 | 188 days |
| 299 | Dry Wall Board Installation | 60 days | 15 Feb '21 | 26 Apr '21 | 217 days |
| 300 | Ceiling Frame | 60 days | 15 Feb '21 | 26 Apr '21 | 188 days |
| 301 | Ceiling Clearance (M&E) | 60 days | 26 Feb '21 | 8 May '21 | 188 days |
| 302 | Ceiling Board Installation | 65 days | 8 Mar '21 | 24 May '21 | 194 days |
| 303 | Living / Dining Floor Marble | 60 days | 6 Mar '21 | 17 May '21 | 188 days |
| 304 | Skim Coat | 65 days | 15 Mar '21 | 31 May '21 | 188 days |
| 305 | Window Glazing Installation | 65 days | 4 Feb '21 | 23 Apr '21 | 152 days |
| 306 | Parquet Installation | 65 days | 15 Feb '21 | 3 May '21 | 152 days |
| 307 | Parquet Coarse Sanding | 60 days | 1 Mar '21 | 11 May '21 | 152 days |
| 308 | Wardrobe Carcass Installation | 60 days | 9 Mar '21 | 19 May '21 | 152 days |
| 309 | Wardrobe Door and Infill | 60 days | 17 Mar '21 | 27 May '21 | 191 days |
| 310 | Door Frame / Panel | 65 days | 20 Mar '21 | 5 Jun '21 | 152 days |
| 311 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 29 Mar '21 | 14 Jun '21 | 152 days |
| 312 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 7 Apr '21 | 10 Jun '21 | 152 days |
| 313 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 15 Apr '21 | 18 Jun '21 | 152 days |
| 314 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 23 Apr '21 | 26 Jun '21 | 152 days |
| 315 | Timber Parquet Final Coat Varnishing | 55 days | 3 May '21 | 5 Jul '21 | 152 days |
| 316 | Marble Polishing and Protection | 60 days | 1 Apr '21 | 11 Jun '21 | 178 days |
| 317 | Final Touch-Up and Cleaning | 50 days | 11 May '21 | 7 Jul '21 | 152 days |
| 318 | Final Touch-Up and Rectification | 50 days | 15 May '21 | 12 Jul '21 | 152 days |
| 319 | **Block 7** | **188 days** | **5 Jan '21** | **17 Aug '21** | **122 days** |
| 320 | **General Works (Wet Areas & Dry Areas)** | **91 days** | **5 Jan '21** | **23 Apr '21** | **122 days** |
| 321 | Structural Clearance | 45 days | 5 Jan '21 | 27 Feb '21 | 122 days |
| 322 | Kerb Casting Completion | 50 days | 13 Jan '21 | 13 Mar '21 | 122 days |
| 323 | Structural Ponding Test | 50 days | 25 Jan '21 | 25 Mar '21 | 122 days |




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

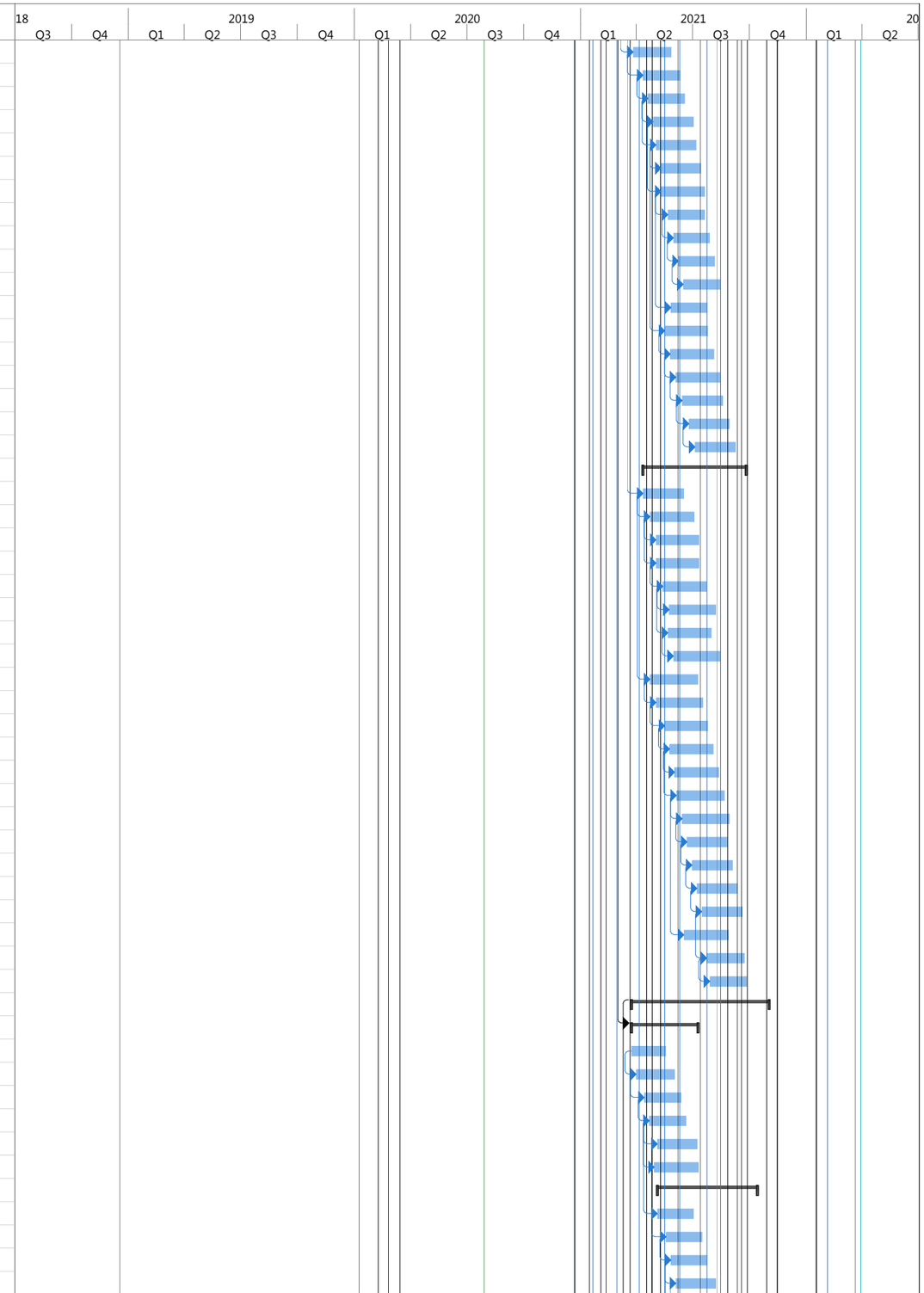
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 324 | Acotec / Dry Wall Frame | 50 days | 2 Feb '21 | 3 Apr '21 | 122 days |
| 325 | Window / Door Frame Installation | 55 days | 16 Feb '21 | 21 Apr '21 | 122 days |
| 326 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 10 Feb '21 | 23 Apr '21 | 219 days |
| 327 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **16 Feb '21** | **28 Jul '21** | **138 days** |
| 328 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 16 Feb '21 | 15 Apr '21 | 138 days |
| 329 | Floor Screed | 50 days | 2 Mar '21 | 29 Apr '21 | 138 days |
| 330 | Ceiling Frame | 50 days | 10 Mar '21 | 8 May '21 | 138 days |
| 331 | Ceiling Clearance (M&E) | 55 days | 18 Mar '21 | 22 May '21 | 159 days |
| 332 | Wall Tiles | 55 days | 22 Mar '21 | 26 May '21 | 138 days |
| 333 | Floor Tiles | 55 days | 30 Mar '21 | 3 Jun '21 | 185 days |
| 334 | Ceiling Board Installation | 60 days | 30 Mar '21 | 9 Jun '21 | 159 days |
| 335 | Vanity Cabinet Carcass | 50 days | 12 Apr '21 | 9 Jun '21 | 159 days |
| 336 | Vanity Counter Top | 50 days | 20 Apr '21 | 17 Jun '21 | 159 days |
| 337 | WC & Basin | 50 days | 28 Apr '21 | 25 Jun '21 | 159 days |
| 338 | Shower Screen | 50 days | 7 May '21 | 3 Jul '21 | 159 days |
| 339 | Mirror | 50 days | 16 Apr '21 | 14 Jun '21 | 176 days |
| 340 | Kitchen Cabinet Carcass | 60 days | 6 Apr '21 | 15 Jun '21 | 138 days |
| 341 | Kitchen Top | 60 days | 15 Apr '21 | 24 Jun '21 | 138 days |
| 342 | Kitchen Sink | 60 days | 24 Apr '21 | 3 Jul '21 | 138 days |
| 343 | Kitchen Hood & Hob | 55 days | 5 May '21 | 7 Jul '21 | 138 days |
| 344 | Kitchen Cabinet Door & Drawers | 55 days | 17 May '21 | 19 Jul '21 | 138 days |
| 345 | Bathroom / Kitchen Accessories & Fitting | 55 days | 26 May '21 | 28 Jul '21 | 138 days |
| 346 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **2 Mar '21** | **17 Aug '21** | **122 days** |
| 347 | Floor Screed | 55 days | 2 Mar '21 | 6 May '21 | 122 days |
| 348 | Dry Wall Frame Work | 60 days | 13 Mar '21 | 24 May '21 | 158 days |
| 349 | Dry Wall Board Installation | 60 days | 22 Mar '21 | 1 Jun '21 | 187 days |
| 350 | Ceiling Frame | 60 days | 22 Mar '21 | 1 Jun '21 | 158 days |
| 351 | Ceiling Clearance (M&E) | 60 days | 3 Apr '21 | 12 Jun '21 | 158 days |
| 352 | Ceiling Board Installation | 65 days | 13 Apr '21 | 28 Jun '21 | 164 days |
| 353 | Living / Dining Floor Marble | 60 days | 12 Apr '21 | 21 Jun '21 | 158 days |
| 354 | Skim Coat | 65 days | 20 Apr '21 | 5 Jul '21 | 158 days |
| 355 | Window Glazing Installation | 65 days | 13 Mar '21 | 29 May '21 | 122 days |
| 356 | Parquet Installation | 65 days | 22 Mar '21 | 7 Jun '21 | 122 days |
| 357 | Parquet Coarse Sanding | 60 days | 6 Apr '21 | 15 Jun '21 | 122 days |
| 358 | Wardrobe Carcass Installation | 60 days | 14 Apr '21 | 23 Jun '21 | 122 days |
| 359 | Wardrobe Door and Infill | 60 days | 22 Apr '21 | 1 Jul '21 | 161 days |
| 360 | Door Frame / Panel | 65 days | 26 Apr '21 | 10 Jul '21 | 122 days |
| 361 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 5 May '21 | 19 Jul '21 | 122 days |
| 362 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 13 May '21 | 15 Jul '21 | 122 days |
| 363 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 21 May '21 | 23 Jul '21 | 122 days |
| 364 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 29 May '21 | 31 Jul '21 | 122 days |
| 365 | Timber Parquet Final Coat Varnishing | 55 days | 7 Jun '21 | 10 Aug '21 | 122 days |
| 366 | Marble Polishing and Protection | 60 days | 8 May '21 | 16 Jul '21 | 148 days |
| 367 | Final Touch-Up and Cleaning | 50 days | 15 Jun '21 | 12 Aug '21 | 122 days |
| 368 | Final Touch-Up and Rectification | 50 days | 19 Jun '21 | 17 Aug '21 | 122 days |
| 369 | **Block 8** | **188 days** | **16 Feb '21** | **25 Sep '21** | **88 days** |
| 370 | **General Works (Wet Areas & Dry Areas)** | **91 days** | **16 Feb '21** | **3 Jun '21** | **88 days** |
| 371 | Structural Clearance | 45 days | 16 Feb '21 | 9 Apr '21 | 88 days |
| 372 | Kerb Casting Completion | 50 days | 24 Feb '21 | 23 Apr '21 | 88 days |
| 373 | Structural Ponding Test | 50 days | 8 Mar '21 | 6 May '21 | 88 days |
| 374 | Acotec / Dry Wall Frame | 50 days | 16 Mar '21 | 14 May '21 | 88 days |
| 375 | Window / Door Frame Installation | 55 days | 27 Mar '21 | 1 Jun '21 | 88 days |
| 376 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 24 Mar '21 | 3 Jun '21 | 185 days |
| 377 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **27 Mar '21** | **7 Sep '21** | **104 days** |




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

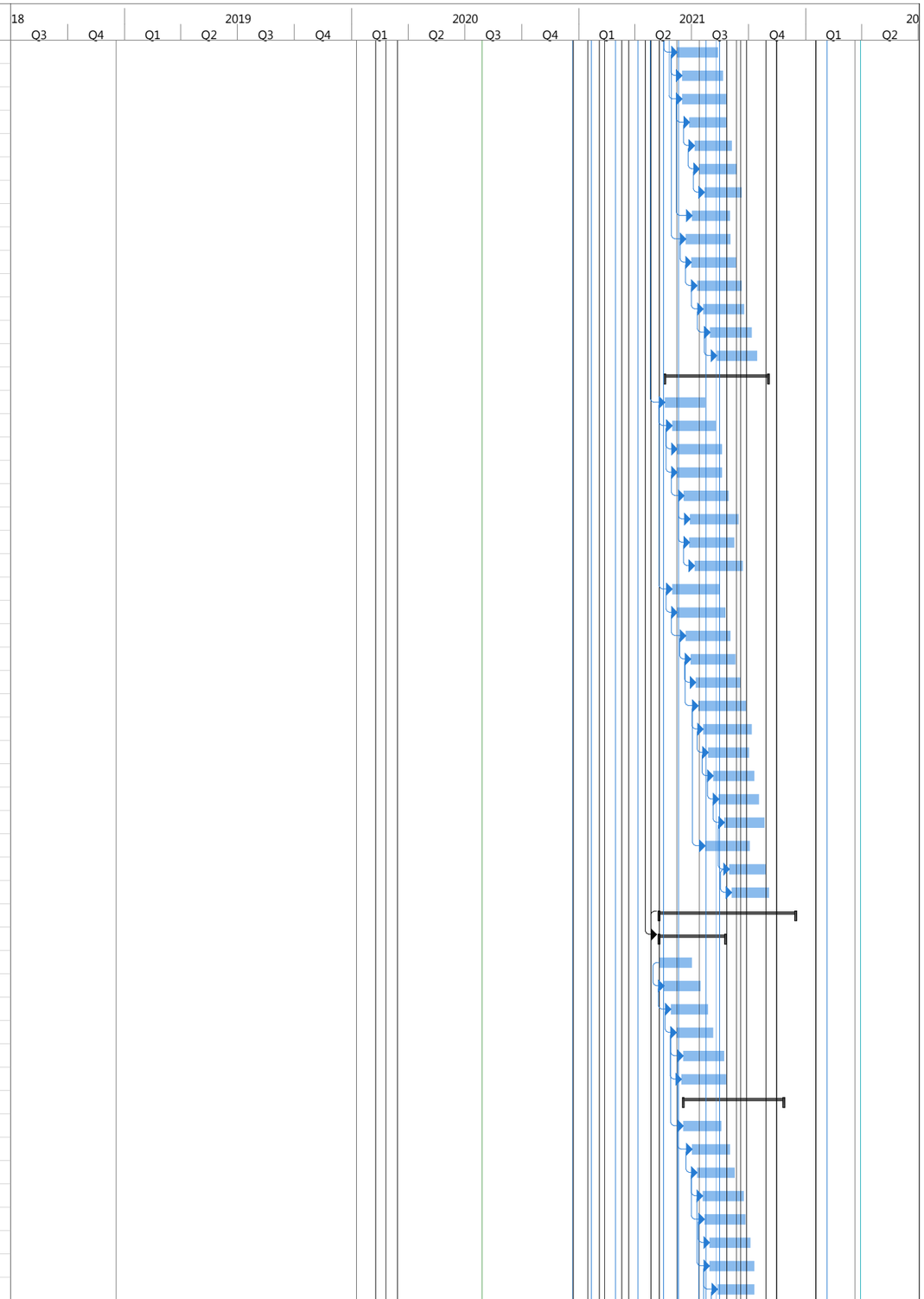
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|---|---|---|---|---|---|
| 378 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 27 Mar '21 | 26 May '21 | 104 days |
| 379 | Floor Screed | 50 days | 12 Apr '21 | 9 Jun '21 | 104 days |
| 380 | Ceiling Frame | 50 days | 20 Apr '21 | 17 Jun '21 | 104 days |
| 381 | Ceiling Clearance (M&E) | 55 days | 28 Apr '21 | 1 Jul '21 | 125 days |
| 382 | Wall Tiles | 55 days | 3 May '21 | 5 Jul '21 | 104 days |
| 383 | Floor Tiles | 55 days | 11 May '21 | 13 Jul '21 | 151 days |
| 384 | Ceiling Board Installation | 60 days | 11 May '21 | 19 Jul '21 | 125 days |
| 385 | Vanity Cabinet Carcass | 50 days | 22 May '21 | 19 Jul '21 | 125 days |
| 386 | Vanity Counter Top | 50 days | 31 May '21 | 27 Jul '21 | 125 days |
| 387 | WC & Basin | 50 days | 8 Jun '21 | 4 Aug '21 | 125 days |
| 388 | Shower Screen | 50 days | 16 Jun '21 | 13 Aug '21 | 125 days |
| 389 | Mirror | 50 days | 27 May '21 | 23 Jul '21 | 142 days |
| 390 | Kitchen Cabinet Carcass | 60 days | 17 May '21 | 24 Jul '21 | 104 days |
| 391 | Kitchen Top | 60 days | 26 May '21 | 3 Aug '21 | 104 days |
| 392 | Kitchen Sink | 60 days | 4 Jun '21 | 13 Aug '21 | 104 days |
| 393 | Kitchen Hood & Hob | 55 days | 14 Jun '21 | 17 Aug '21 | 104 days |
| 394 | Kitchen Cabinet Door & Drawers | 55 days | 25 Jun '21 | 28 Aug '21 | 104 days |
| 395 | Bathroom / Kitchen Accessories & Fitting | 55 days | 5 Jul '21 | 7 Sep '21 | 104 days |
| 396 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **12 Apr '21** | **25 Sep '21** | **88 days** |
| 397 | Floor Screed | 55 days | 12 Apr '21 | 15 Jun '21 | 88 days |
| 398 | Dry Wall Frame Work | 60 days | 23 Apr '21 | 2 Jul '21 | 124 days |
| 399 | Dry Wall Board Installation | 60 days | 3 May '21 | 10 Jul '21 | 153 days |
| 400 | Ceiling Frame | 60 days | 3 May '21 | 10 Jul '21 | 124 days |
| 401 | Ceiling Clearance (M&E) | 60 days | 14 May '21 | 22 Jul '21 | 124 days |
| 402 | Ceiling Board Installation | 65 days | 24 May '21 | 6 Aug '21 | 130 days |
| 403 | Living / Dining Floor Marble | 60 days | 22 May '21 | 30 Jul '21 | 124 days |
| 404 | Skim Coat | 65 days | 31 May '21 | 14 Aug '21 | 124 days |
| 405 | Window Glazing Installation | 65 days | 23 Apr '21 | 8 Jul '21 | 88 days |
| 406 | Parquet Installation | 65 days | 3 May '21 | 16 Jul '21 | 88 days |
| 407 | Parquet Coarse Sanding | 60 days | 17 May '21 | 24 Jul '21 | 88 days |
| 408 | Wardrobe Carcass Installation | 60 days | 25 May '21 | 2 Aug '21 | 88 days |
| 409 | Wardrobe Door and Infill | 60 days | 2 Jun '21 | 11 Aug '21 | 127 days |
| 410 | Door Frame / Panel | 65 days | 5 Jun '21 | 20 Aug '21 | 88 days |
| 411 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 14 Jun '21 | 28 Aug '21 | 88 days |
| 412 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 22 Jun '21 | 25 Aug '21 | 88 days |
| 413 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 30 Jun '21 | 2 Sep '21 | 88 days |
| 414 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 8 Jul '21 | 10 Sep '21 | 88 days |
| 415 | Timber Parquet Final Coat Varnishing | 55 days | 16 Jul '21 | 18 Sep '21 | 88 days |
| 416 | Marble Polishing and Protection | 60 days | 17 Jun '21 | 26 Aug '21 | 114 days |
| 417 | Final Touch-Up and Cleaning | 50 days | 24 Jul '21 | 21 Sep '21 | 88 days |
| 418 | Final Touch-Up and Rectification | 50 days | 29 Jul '21 | 25 Sep '21 | 88 days |
| 419 | **Block 5** | **188 days** | **24 Mar '21** | **1 Nov '21** | **57 days** |
| 420 | **General Works (Wet Areas & Dry Areas)** | **91 days** | **24 Mar '21** | **9 Jul '21** | **57 days** |
| 421 | Structural Clearance | 45 days | 24 Mar '21 | 17 May '21 | 57 days |
| 422 | Kerb Casting Completion | 50 days | 1 Apr '21 | 31 May '21 | 57 days |
| 423 | Structural Ponding Test | 50 days | 14 Apr '21 | 11 Jun '21 | 57 days |
| 424 | Acotec / Dry Wall Frame | 50 days | 22 Apr '21 | 19 Jun '21 | 57 days |
| 425 | Window / Door Frame Installation | 55 days | 5 May '21 | 7 Jul '21 | 57 days |
| 426 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 30 Apr '21 | 9 Jul '21 | 154 days |
| 427 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **5 May '21** | **13 Oct '21** | **73 days** |
| 428 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 5 May '21 | 1 Jul '21 | 73 days |
| 429 | Floor Screed | 50 days | 19 May '21 | 15 Jul '21 | 73 days |
| 430 | Ceiling Frame | 50 days | 27 May '21 | 23 Jul '21 | 73 days |
| 431 | Ceiling Clearance (M&E) | 55 days | 4 Jun '21 | 6 Aug '21 | 94 days |




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

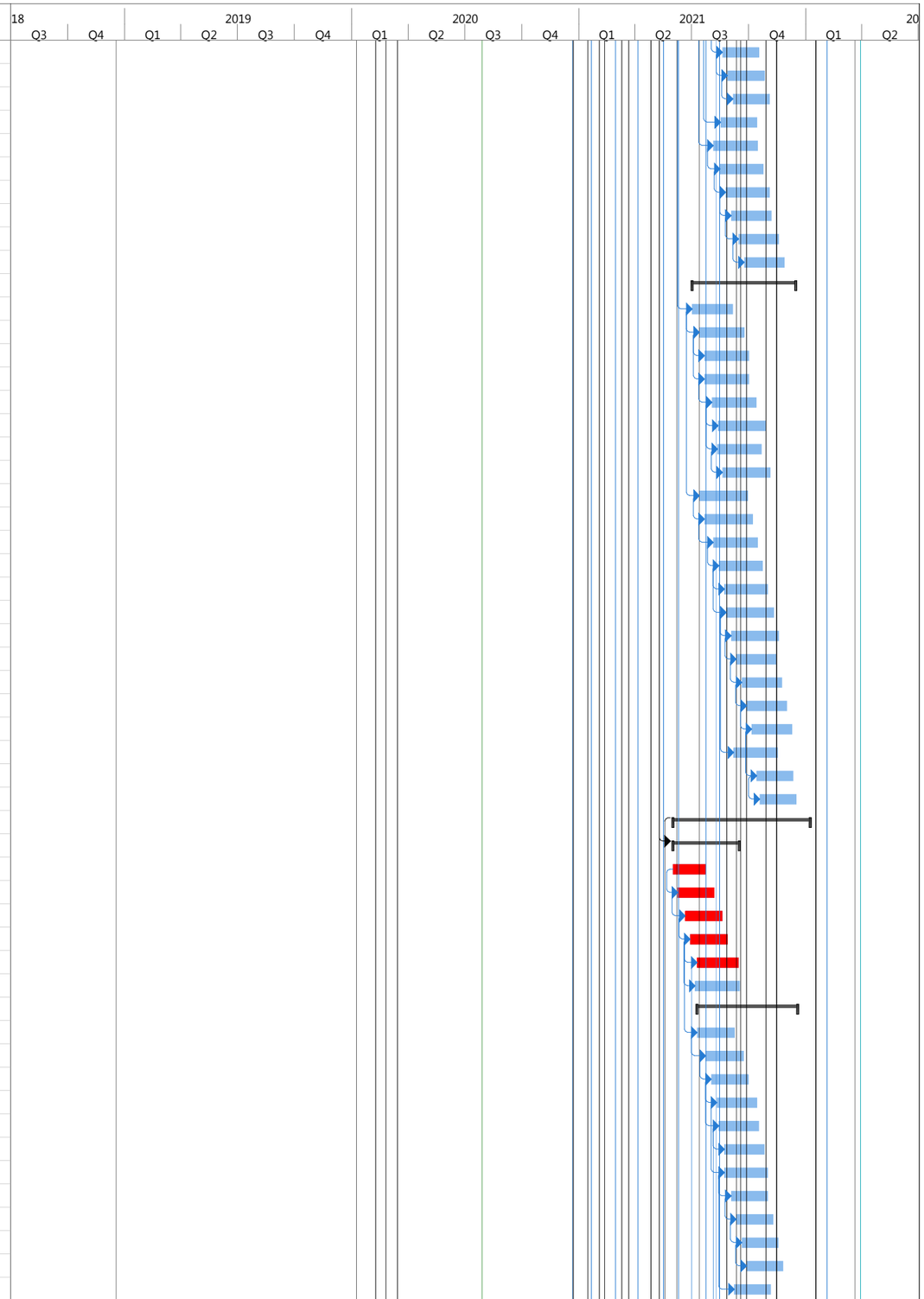
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 432 | Wall Tiles | 55 days | 8 Jun '21 | 11 Aug '21 | 73 days |
| 433 | Floor Tiles | 55 days | 16 Jun '21 | 19 Aug '21 | 120 days |
| 434 | Ceiling Board Installation | 60 days | 16 Jun '21 | 25 Aug '21 | 94 days |
| 435 | Vanity Cabinet Carcass | 50 days | 28 Jun '21 | 25 Aug '21 | 94 days |
| 436 | Vanity Counter Top | 50 days | 6 Jul '21 | 2 Sep '21 | 94 days |
| 437 | WC & Basin | 50 days | 14 Jul '21 | 10 Sep '21 | 94 days |
| 438 | Shower Screen | 50 days | 22 Jul '21 | 18 Sep '21 | 94 days |
| 439 | Mirror | 50 days | 2 Jul '21 | 30 Aug '21 | 111 days |
| 440 | Kitchen Cabinet Carcass | 60 days | 22 Jun '21 | 31 Aug '21 | 73 days |
| 441 | Kitchen Top | 60 days | 1 Jul '21 | 9 Sep '21 | 73 days |
| 442 | Kitchen Sink | 60 days | 10 Jul '21 | 18 Sep '21 | 73 days |
| 443 | Kitchen Hood & Hob | 55 days | 20 Jul '21 | 22 Sep '21 | 73 days |
| 444 | Kitchen Cabinet Door & Drawers | 55 days | 31 Jul '21 | 4 Oct '21 | 73 days |
| 445 | Bathroom / Kitchen Accessories & Fitting | 55 days | 11 Aug '21 | 13 Oct '21 | 73 days |
| 446 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **19 May '21** | **1 Nov '21** | **57 days** |
| 447 | Floor Screed | 55 days | 19 May '21 | 21 Jul '21 | 57 days |
| 448 | Dry Wall Frame Work | 60 days | 31 May '21 | 7 Aug '21 | 93 days |
| 449 | Dry Wall Board Installation | 60 days | 8 Jun '21 | 17 Aug '21 | 122 days |
| 450 | Ceiling Frame | 60 days | 8 Jun '21 | 17 Aug '21 | 93 days |
| 451 | Ceiling Clearance (M&E) | 60 days | 19 Jun '21 | 28 Aug '21 | 93 days |
| 452 | Ceiling Board Installation | 65 days | 29 Jun '21 | 13 Sep '21 | 99 days |
| 453 | Living / Dining Floor Marble | 60 days | 28 Jun '21 | 6 Sep '21 | 93 days |
| 454 | Skim Coat | 65 days | 6 Jul '21 | 20 Sep '21 | 93 days |
| 455 | Window Glazing Installation | 65 days | 31 May '21 | 14 Aug '21 | 57 days |
| 456 | Parquet Installation | 65 days | 8 Jun '21 | 23 Aug '21 | 57 days |
| 457 | Parquet Coarse Sanding | 60 days | 22 Jun '21 | 31 Aug '21 | 57 days |
| 458 | Wardrobe Carcass Installation | 60 days | 30 Jun '21 | 8 Sep '21 | 57 days |
| 459 | Wardrobe Door and Infill | 60 days | 8 Jul '21 | 16 Sep '21 | 96 days |
| 460 | Door Frame / Panel | 65 days | 12 Jul '21 | 25 Sep '21 | 57 days |
| 461 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 20 Jul '21 | 4 Oct '21 | 57 days |
| 462 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 28 Jul '21 | 30 Sep '21 | 57 days |
| 463 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 5 Aug '21 | 8 Oct '21 | 57 days |
| 464 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 14 Aug '21 | 16 Oct '21 | 57 days |
| 465 | Timber Parquet Final Coat Varnishing | 55 days | 23 Aug '21 | 25 Oct '21 | 57 days |
| 466 | Marble Polishing and Protection | 60 days | 23 Jul '21 | 1 Oct '21 | 83 days |
| 467 | Final Touch-Up and Cleaning | 50 days | 31 Aug '21 | 27 Oct '21 | 57 days |
| 468 | Final Touch-Up and Rectification | 50 days | 4 Sep '21 | 1 Nov '21 | 57 days |
| 469 | **Block 2** | **188 days** | **10 May '21** | **15 Dec '21** | **19 days** |
| 470 | **General Works (Wet Areas & Dry Areas)** | **91 days** | **10 May '21** | **24 Aug '21** | **19 days** |
| 471 | Structural Clearance | 45 days | 10 May '21 | 30 Jun '21 | 19 days |
| 472 | Kerb Casting Completion | 50 days | 18 May '21 | 14 Jul '21 | 19 days |
| 473 | Structural Ponding Test | 50 days | 29 May '21 | 26 Jul '21 | 19 days |
| 474 | Acotec / Dry Wall Frame | 50 days | 7 Jun '21 | 3 Aug '21 | 19 days |
| 475 | Window / Door Frame Installation | 55 days | 18 Jun '21 | 21 Aug '21 | 19 days |
| 476 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 15 Jun '21 | 24 Aug '21 | 116 days |
| 477 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **18 Jun '21** | **26 Nov '21** | **35 days** |
| 478 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 18 Jun '21 | 16 Aug '21 | 35 days |
| 479 | Floor Screed | 50 days | 2 Jul '21 | 30 Aug '21 | 35 days |
| 480 | Ceiling Frame | 50 days | 10 Jul '21 | 7 Sep '21 | 35 days |
| 481 | Ceiling Clearance (M&E) | 55 days | 19 Jul '21 | 21 Sep '21 | 56 days |
| 482 | Wall Tiles | 55 days | 22 Jul '21 | 24 Sep '21 | 35 days |
| 483 | Floor Tiles | 55 days | 30 Jul '21 | 2 Oct '21 | 82 days |
| 484 | Ceiling Board Installation | 60 days | 30 Jul '21 | 8 Oct '21 | 56 days |
| 485 | Vanity Cabinet Carcass | 50 days | 12 Aug '21 | 8 Oct '21 | 56 days |




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

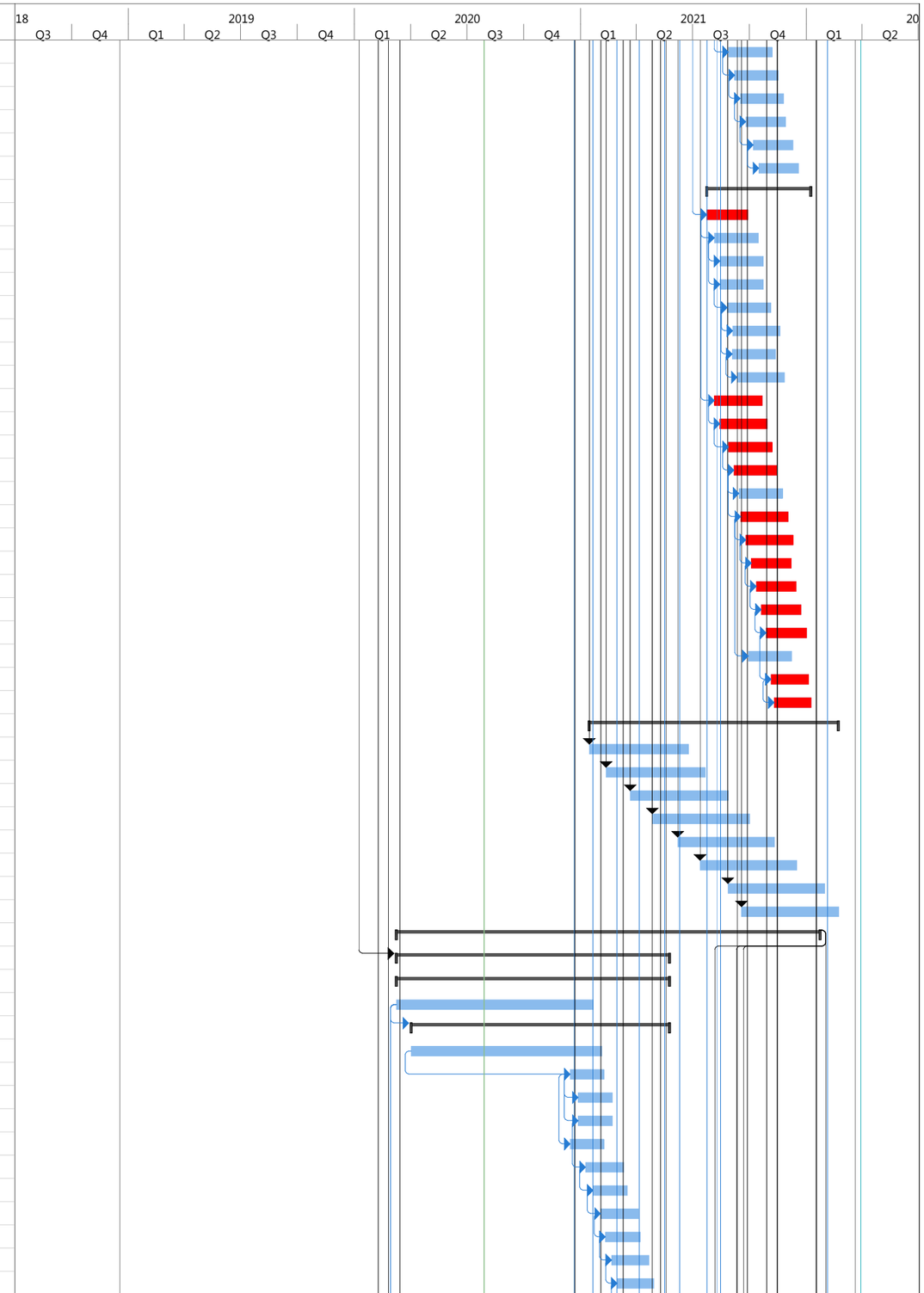
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 486 | Vanity Counter Top | 50 days | 20 Aug '21 | 16 Oct '21 | 56 days |
| 487 | WC & Basin | 50 days | 28 Aug '21 | 25 Oct '21 | 56 days |
| 488 | Shower Screen | 50 days | 6 Sep '21 | 2 Nov '21 | 56 days |
| 489 | Mirror | 50 days | 17 Aug '21 | 13 Oct '21 | 73 days |
| 490 | Kitchen Cabinet Carcass | 60 days | 5 Aug '21 | 14 Oct '21 | 35 days |
| 491 | Kitchen Top | 60 days | 16 Aug '21 | 23 Oct '21 | 35 days |
| 492 | Kitchen Sink | 60 days | 25 Aug '21 | 2 Nov '21 | 35 days |
| 493 | Kitchen Hood & Hob | 55 days | 3 Sep '21 | 5 Nov '21 | 35 days |
| 494 | Kitchen Cabinet Door & Drawers | 55 days | 15 Sep '21 | 17 Nov '21 | 35 days |
| 495 | Bathroom / Kitchen Accessories & Fitting | 55 days | 24 Sep '21 | 26 Nov '21 | 35 days |
| 496 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **2 Jul '21** | **15 Dec '21** | **19 days** |
| 497 | Floor Screed | 55 days | 2 Jul '21 | 4 Sep '21 | 19 days |
| 498 | Dry Wall Frame Work | 60 days | 14 Jul '21 | 22 Sep '21 | 55 days |
| 499 | Dry Wall Board Installation | 60 days | 22 Jul '21 | 30 Sep '21 | 84 days |
| 500 | Ceiling Frame | 60 days | 22 Jul '21 | 30 Sep '21 | 55 days |
| 501 | Ceiling Clearance (M&E) | 60 days | 3 Aug '21 | 12 Oct '21 | 55 days |
| 502 | Ceiling Board Installation | 65 days | 13 Aug '21 | 27 Oct '21 | 61 days |
| 503 | Living / Dining Floor Marble | 60 days | 12 Aug '21 | 20 Oct '21 | 55 days |
| 504 | Skim Coat | 65 days | 20 Aug '21 | 3 Nov '21 | 55 days |
| 505 | Window Glazing Installation | 65 days | 14 Jul '21 | 28 Sep '21 | 19 days |
| 506 | Parquet Installation | 65 days | 22 Jul '21 | 6 Oct '21 | 19 days |
| 507 | Parquet Coarse Sanding | 60 days | 5 Aug '21 | 14 Oct '21 | 19 days |
| 508 | Wardrobe Carcass Installation | 60 days | 14 Aug '21 | 22 Oct '21 | 19 days |
| 509 | Wardrobe Door and Infill | 60 days | 23 Aug '21 | 30 Oct '21 | 58 days |
| 510 | Door Frame / Panel | 65 days | 26 Aug '21 | 9 Nov '21 | 19 days |
| 511 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 3 Sep '21 | 17 Nov '21 | 19 days |
| 512 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 11 Sep '21 | 13 Nov '21 | 19 days |
| 513 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 20 Sep '21 | 22 Nov '21 | 19 days |
| 514 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 28 Sep '21 | 30 Nov '21 | 19 days |
| 515 | Timber Parquet Final Coat Varnishing | 55 days | 6 Oct '21 | 8 Dec '21 | 19 days |
| 516 | Marble Polishing and Protection | 60 days | 7 Sep '21 | 15 Nov '21 | 45 days |
| 517 | Final Touch-Up and Cleaning | 50 days | 14 Oct '21 | 10 Dec '21 | 19 days |
| 518 | Final Touch-Up and Rectification | 50 days | 19 Oct '21 | 15 Dec '21 | 19 days |
| 519 | **Block 3** | **188 days** | **1 Jun '21** | **7 Jan '22** | **0 days** |
| 520 | **General Works (Wet Areas & Dry Areas)** | **91 days** | **1 Jun '21** | **15 Sep '21** | **0 days** |
| 521 | Structural Clearance | 45 days | 1 Jun '21 | 22 Jul '21 | 0 days |
| 522 | Kerb Casting Completion | 50 days | 9 Jun '21 | 5 Aug '21 | 0 days |
| 523 | Structural Ponding Test | 50 days | 21 Jun '21 | 18 Aug '21 | 0 days |
| 524 | Acotec / Dry Wall Frame | 50 days | 29 Jun '21 | 26 Aug '21 | 0 days |
| 525 | Window / Door Frame Installation | 55 days | 10 Jul '21 | 13 Sep '21 | 0 days |
| 526 | M&E 2nd Fix (Clearance for Wall Plastering & Ceiling Works) | 60 days | 7 Jul '21 | 15 Sep '21 | 97 days |
| 527 | **Wet Area - Bathroom / Wet Kitchen** | **138 days** | **10 Jul '21** | **18 Dec '21** | **16 days** |
| 528 | Waterproofing (Include Water Proofing Ponding Test) | 50 days | 10 Jul '21 | 7 Sep '21 | 16 days |
| 529 | Floor Screed | 50 days | 24 Jul '21 | 21 Sep '21 | 16 days |
| 530 | Ceiling Frame | 50 days | 2 Aug '21 | 29 Sep '21 | 16 days |
| 531 | Ceiling Clearance (M&E) | 55 days | 11 Aug '21 | 13 Oct '21 | 37 days |
| 532 | Wall Tiles | 55 days | 14 Aug '21 | 16 Oct '21 | 16 days |
| 533 | Floor Tiles | 55 days | 23 Aug '21 | 25 Oct '21 | 63 days |
| 534 | Ceiling Board Installation | 60 days | 23 Aug '21 | 30 Oct '21 | 37 days |
| 535 | Vanity Cabinet Carcass | 50 days | 3 Sep '21 | 30 Oct '21 | 37 days |
| 536 | Vanity Counter Top | 50 days | 11 Sep '21 | 8 Nov '21 | 37 days |
| 537 | WC & Basin | 50 days | 20 Sep '21 | 16 Nov '21 | 37 days |
| 538 | Shower Screen | 50 days | 28 Sep '21 | 24 Nov '21 | 37 days |
| 539 | Mirror | 50 days | 8 Sep '21 | 4 Nov '21 | 54 days |




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Task
Split
Milestone
Summary
Project Summary
Inactive Task
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Inactive Summary
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Manual Summary Rollup
Manual Summary
Start-only
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External Tasks
External Milestone
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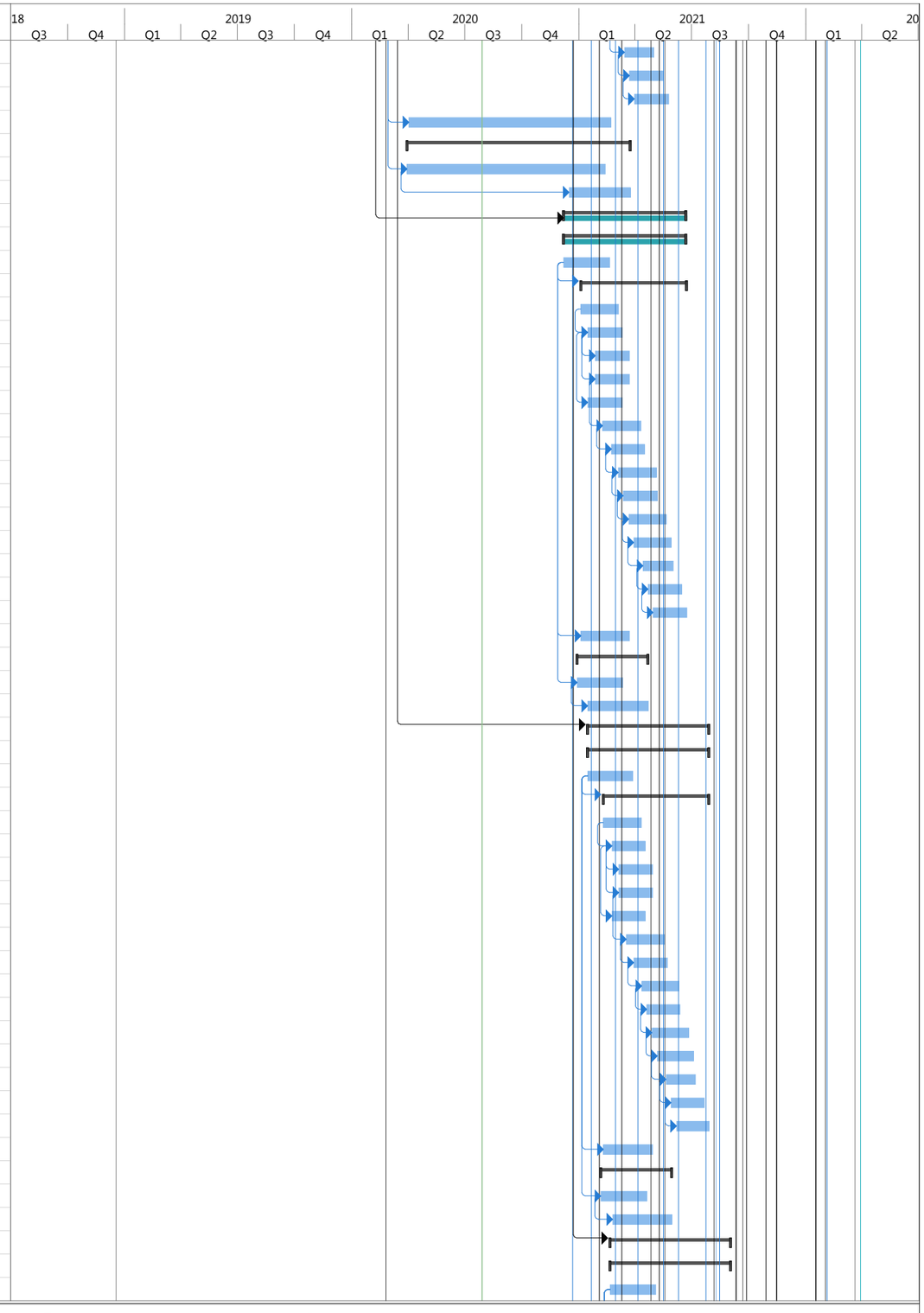
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 540 | Kitchen Cabinet Carcass | 60 days | 28 Aug '21 | 5 Nov '21 | 16 days |
| 541 | Kitchen Top | 60 days | 7 Sep '21 | 15 Nov '21 | 16 days |
| 542 | Kitchen Sink | 60 days | 16 Sep '21 | 24 Nov '21 | 16 days |
| 543 | Kitchen Hood & Hob | 55 days | 25 Sep '21 | 27 Nov '21 | 16 days |
| 544 | Kitchen Cabinet Door & Drawers | 55 days | 7 Oct '21 | 9 Dec '21 | 16 days |
| 545 | Bathroom / Kitchen Accessories & Fitting | 55 days | 16 Oct '21 | 18 Dec '21 | 16 days |
| 546 | **Dry Area - Living / Dining / Bedroom / Dry Kitchen** | **142 days** | **24 Jul '21** | **7 Jan '22** | **0 days** |
| 547 | Floor Screed | 55 days | 24 Jul '21 | 27 Sep '21 | 0 days |
| 548 | Dry Wall Frame Work | 60 days | 5 Aug '21 | 14 Oct '21 | 36 days |
| 549 | Dry Wall Board Installation | 60 days | 14 Aug '21 | 22 Oct '21 | 65 days |
| 550 | Ceiling Frame | 60 days | 14 Aug '21 | 22 Oct '21 | 36 days |
| 551 | Ceiling Clearance (M&E) | 60 days | 26 Aug '21 | 3 Nov '21 | 36 days |
| 552 | Ceiling Board Installation | 65 days | 4 Sep '21 | 18 Nov '21 | 42 days |
| 553 | Living / Dining Floor Marble | 60 days | 3 Sep '21 | 11 Nov '21 | 36 days |
| 554 | Skim Coat | 65 days | 11 Sep '21 | 25 Nov '21 | 36 days |
| 555 | Window Glazing Installation | 65 days | 5 Aug '21 | 20 Oct '21 | 0 days |
| 556 | Parquet Installation | 65 days | 14 Aug '21 | 28 Oct '21 | 0 days |
| 557 | Parquet Coarse Sanding | 60 days | 28 Aug '21 | 5 Nov '21 | 0 days |
| 558 | Wardrobe Carcass Installation | 60 days | 6 Sep '21 | 13 Nov '21 | 0 days |
| 559 | Wardrobe Door and Infill | 60 days | 14 Sep '21 | 22 Nov '21 | 39 days |
| 560 | Door Frame / Panel | 65 days | 17 Sep '21 | 1 Dec '21 | 0 days |
| 561 | Parquet 2nd Sanding / Varnishing / Skirting (Include Level Checking) | 65 days | 25 Sep '21 | 9 Dec '21 | 0 days |
| 562 | Internal Painting, Sealer Coat / First Coat - Wall / Ceiling | 55 days | 4 Oct '21 | 6 Dec '21 | 0 days |
| 563 | M&E Final Fix (Wall Mount FCU, etc) | 55 days | 12 Oct '21 | 14 Dec '21 | 0 days |
| 564 | Internal Painting Final Coat - Wall / Ceiling | 55 days | 20 Oct '21 | 22 Dec '21 | 0 days |
| 565 | Timber Parquet Final Coat Varnishing | 55 days | 28 Oct '21 | 31 Dec '21 | 0 days |
| 566 | Marble Polishing and Protection | 60 days | 29 Sep '21 | 7 Dec '21 | 26 days |
| 567 | Final Touch-Up and Cleaning | 50 days | 5 Nov '21 | 3 Jan '22 | 0 days |
| 568 | Final Touch-Up and Rectification | 50 days | 10 Nov '21 | 7 Jan '22 | 0 days |
| 569 | **4D. QM Preparation & Inspection** | **339 days** | **15 Jan '21** | **21 Feb '22** | **24 days** |
| 570 | Block 1 | 133 days | 15 Jan '21 | 23 Jun '21 | 230 days |
| 571 | Block 4 | 133 days | 11 Feb '21 | 20 Jul '21 | 207 days |
| 572 | Block 6 | 133 days | 22 Mar '21 | 26 Aug '21 | 176 days |
| 573 | Block 7 | 133 days | 27 Apr '21 | 30 Sep '21 | 146 days |
| 574 | Block 8 | 133 days | 7 Jun '21 | 9 Nov '21 | 112 days |
| 575 | Block 5 | 133 days | 13 Jul '21 | 15 Dec '21 | 81 days |
| 576 | Block 2 | 133 days | 27 Aug '21 | 29 Jan '22 | 43 days |
| 577 | Block 3 | 133 days | 18 Sep '21 | 21 Feb '22 | 24 days |
| 578 | **4E. Level 2 to 5 Common Area Works** | **574 days** | **9 Mar '20** | **22 Jan '22** | **5 days** |
| 579 | **Block 1** | **367 days** | **9 Mar '20** | **24 May '21** | **212 days** |
| 580 | **Architectural Works** | **367 days** | **9 Mar '20** | **24 May '21** | **212 days** |
| 581 | Staircase Works (Including Storey Shelter Works) | 265 days | 9 Mar '20 | 20 Jan '21 | 212 days |
| 582 | **Lift Lobby Works** | **346 days** | **2 Apr '20** | **24 May '21** | **212 days** |
| 583 | Floor Screed | 256 days | 2 Apr '20 | 3 Feb '21 | 212 days |
| 584 | Door Frames and Doors Installation | 45 days | 15 Dec '20 | 6 Feb '21 | 212 days |
| 585 | Wall Plastering Base Coat | 45 days | 28 Dec '20 | 20 Feb '21 | 289 days |
| 586 | Wall Plastering Final Coat | 45 days | 28 Dec '20 | 20 Feb '21 | 212 days |
| 587 | Lift Door Jamb | 45 days | 15 Dec '20 | 6 Feb '21 | 299 days |
| 588 | Painting of Doors | 50 days | 9 Jan '21 | 10 Mar '21 | 212 days |
| 589 | M&E Ceiling Clearance | 45 days | 21 Jan '21 | 16 Mar '21 | 212 days |
| 590 | Ceiling Grid Installation | 50 days | 2 Feb '21 | 3 Apr '21 | 212 days |
| 591 | Ceiling Plaster Board | 45 days | 10 Feb '21 | 6 Apr '21 | 212 days |
| 592 | Homogenous Wall Tiles | 50 days | 20 Feb '21 | 20 Apr '21 | 212 days |
| 593 | Homogenous Floor Tiles | 50 days | 1 Mar '21 | 28 Apr '21 | 212 days |




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

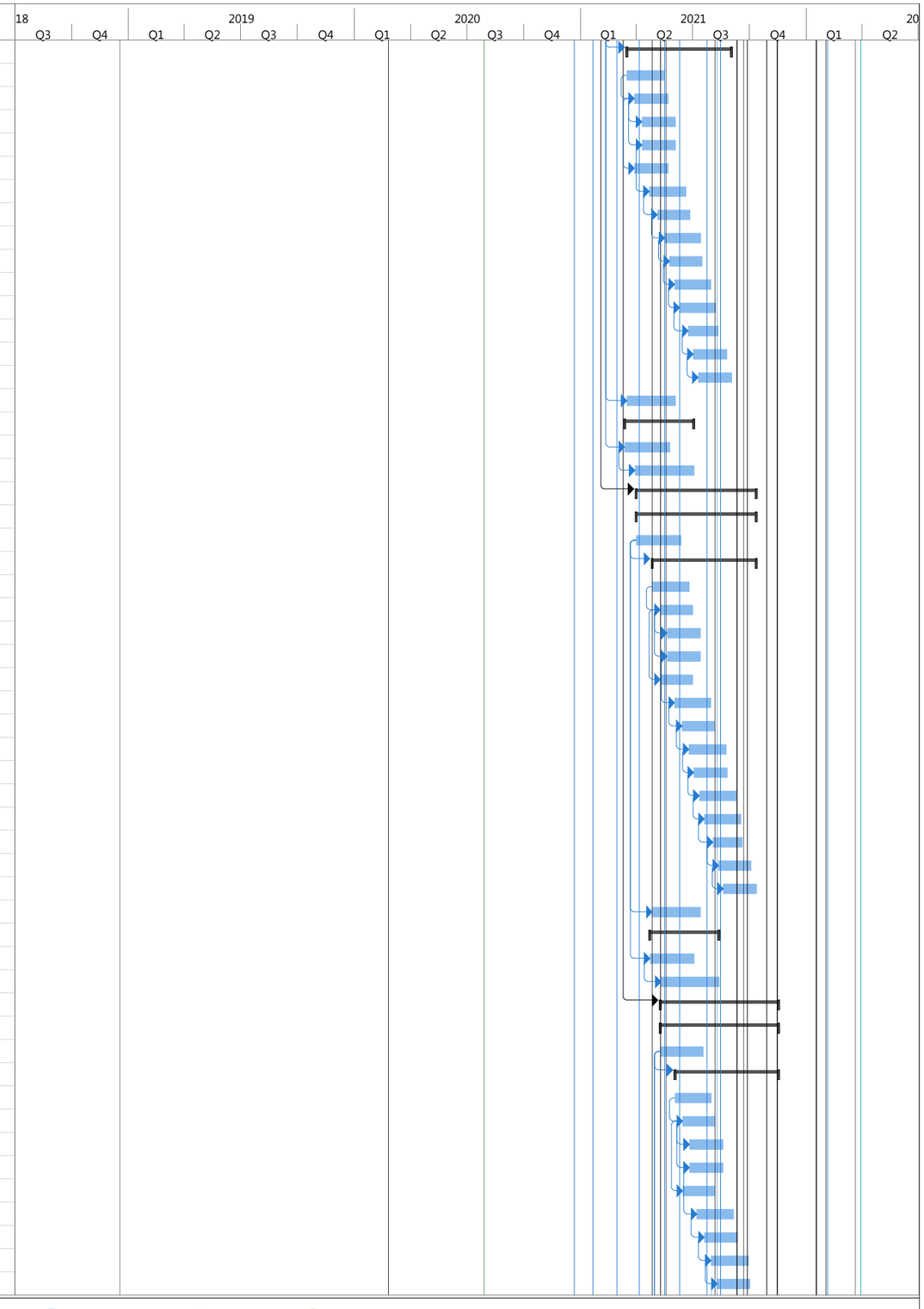
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 594 | Skirting Installation | 40 days | 15 Mar '21 | 30 Apr '21 | 212 days |
| 595 | M&E Fixes | 45 days | 23 Mar '21 | 15 May '21 | 212 days |
| 596 | Painting to Ceilings | 45 days | 31 Mar '21 | 24 May '21 | 212 days |
| 597 | External Plastering & Painting Works | 269 days | 2 Apr '20 | 20 Feb '21 | 289 days |
| 598 | **M&E Works** | **298 days** | **30 Mar '20** | **23 Mar '21** | **263 days** |
| 599 | Staircase Works (Including Storey Shelter Works) | 266 days | 30 Mar '20 | 11 Feb '21 | 263 days |
| 600 | Lift Lobby Works | 80 days | 16 Dec '20 | 23 Mar '21 | 263 days |
| 601 | **Block 4** | **163 days** | **7 Dec '20** | **21 Jun '21** | **0 days** |
| 602 | **Architectural Works** | **163 days** | **7 Dec '20** | **21 Jun '21** | **187 days** |
| 603 | Staircase Works (Including Storey Shelter Works) | 60 days | 7 Dec '20 | 18 Feb '21 | 36 days |
| 604 | **Lift Lobby Works** | **142 days** | **4 Jan '21** | **22 Jun '21** | **187 days** |
| 605 | Floor Screed | 50 days | 4 Jan '21 | 4 Mar '21 | 187 days |
| 606 | Door Frames and Doors Installation | 45 days | 15 Jan '21 | 10 Mar '21 | 187 days |
| 607 | Wall Plastering Base Coat | 45 days | 27 Jan '21 | 22 Mar '21 | 264 days |
| 608 | Wall Plastering Final Coat | 45 days | 27 Jan '21 | 22 Mar '21 | 187 days |
| 609 | Lift Door Jamb | 45 days | 15 Jan '21 | 10 Mar '21 | 274 days |
| 610 | Painting of Doors | 50 days | 8 Feb '21 | 9 Apr '21 | 187 days |
| 611 | M&E Ceiling Clearance | 45 days | 22 Feb '21 | 15 Apr '21 | 187 days |
| 612 | Ceiling Grid Installation | 50 days | 5 Mar '21 | 4 May '21 | 187 days |
| 613 | Ceiling Plaster Board | 45 days | 13 Mar '21 | 6 May '21 | 187 days |
| 614 | Homogenous Wall Tiles | 50 days | 22 Mar '21 | 20 May '21 | 187 days |
| 615 | Homogenous Floor Tiles | 50 days | 30 Mar '21 | 28 May '21 | 187 days |
| 616 | Skirting Installation | 40 days | 14 Apr '21 | 31 May '21 | 187 days |
| 617 | M&E Fixes | 45 days | 22 Apr '21 | 14 Jun '21 | 187 days |
| 618 | Painting to Ceilings | 45 days | 30 Apr '21 | 22 Jun '21 | 187 days |
| 619 | External Plastering & Painting Works | 65 days | 4 Jan '21 | 22 Mar '21 | 264 days |
| 620 | **M&E Works** | **94 days** | **29 Dec '20** | **21 Apr '21** | **239 days** |
| 621 | Staircase Works (Including Storey Shelter Works) | 60 days | 29 Dec '20 | 11 Mar '21 | 239 days |
| 622 | Lift Lobby Works | 80 days | 15 Jan '21 | 21 Apr '21 | 239 days |
| 623 | **Block 6** | **163 days** | **15 Jan '21** | **28 Jul '21** | **156 days** |
| 624 | **Architectural Works** | **163 days** | **15 Jan '21** | **28 Jul '21** | **156 days** |
| 625 | Staircase Works (Including Storey Shelter Works) | 60 days | 15 Jan '21 | 27 Mar '21 | 156 days |
| 626 | **Lift Lobby Works** | **142 days** | **9 Feb '21** | **28 Jul '21** | **156 days** |
| 627 | Floor Screed | 50 days | 9 Feb '21 | 10 Apr '21 | 156 days |
| 628 | Door Frames and Doors Installation | 45 days | 23 Feb '21 | 16 Apr '21 | 156 days |
| 629 | Wall Plastering Base Coat | 45 days | 6 Mar '21 | 28 Apr '21 | 233 days |
| 630 | Wall Plastering Final Coat | 45 days | 6 Mar '21 | 28 Apr '21 | 156 days |
| 631 | Lift Door Jamb | 45 days | 23 Feb '21 | 16 Apr '21 | 243 days |
| 632 | Painting of Doors | 50 days | 18 Mar '21 | 17 May '21 | 156 days |
| 633 | M&E Ceiling Clearance | 45 days | 30 Mar '21 | 22 May '21 | 156 days |
| 634 | Ceiling Grid Installation | 50 days | 12 Apr '21 | 9 Jun '21 | 156 days |
| 635 | Ceiling Plaster Board | 45 days | 20 Apr '21 | 11 Jun '21 | 156 days |
| 636 | Homogenous Wall Tiles | 50 days | 28 Apr '21 | 25 Jun '21 | 156 days |
| 637 | Homogenous Floor Tiles | 50 days | 7 May '21 | 3 Jul '21 | 156 days |
| 638 | Skirting Installation | 40 days | 21 May '21 | 6 Jul '21 | 156 days |
| 639 | M&E Fixes | 45 days | 29 May '21 | 20 Jul '21 | 156 days |
| 640 | Painting to Ceilings | 45 days | 7 Jun '21 | 28 Jul '21 | 156 days |
| 641 | External Plastering & Painting Works | 65 days | 9 Feb '21 | 28 Apr '21 | 233 days |
| 642 | **M&E Works** | **94 days** | **5 Feb '21** | **29 May '21** | **207 days** |
| 643 | Staircase Works (Including Storey Shelter Works) | 60 days | 5 Feb '21 | 19 Apr '21 | 207 days |
| 644 | Lift Lobby Works | 80 days | 24 Feb '21 | 29 May '21 | 207 days |
| 645 | **Block 7** | **163 days** | **20 Feb '21** | **1 Sep '21** | **127 days** |
| 646 | **Architectural Works** | **163 days** | **20 Feb '21** | **1 Sep '21** | **127 days** |
| 647 | Staircase Works (Including Storey Shelter Works) | 60 days | 20 Feb '21 | 3 May '21 | 127 days |




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

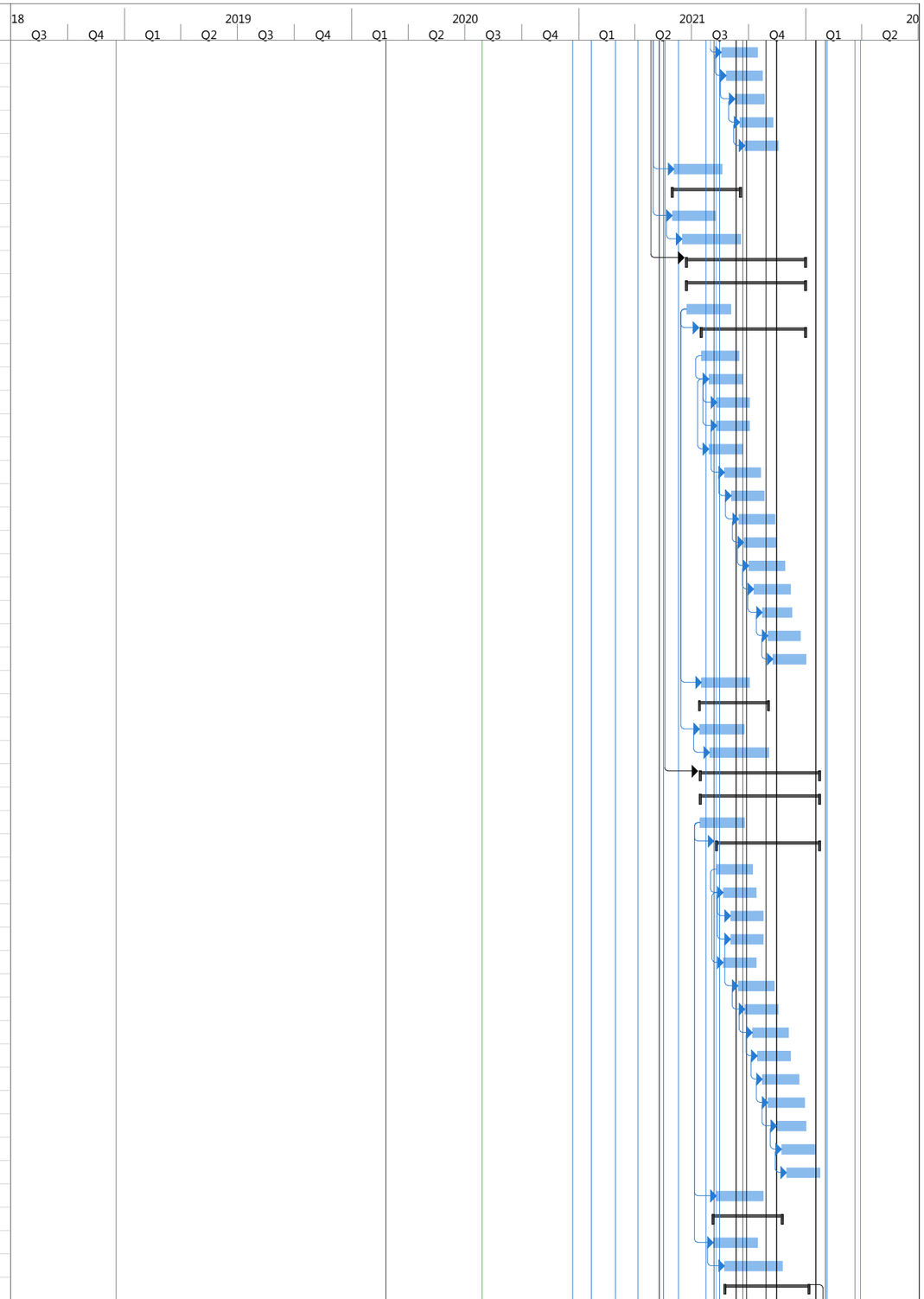
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 648 | **Lift Lobby Works** | **142 days** | **17 Mar '21** | **1 Sep '21** | **127 days** |
| 649 | Floor Screed | 50 days | 17 Mar '21 | 15 May '21 | 127 days |
| 650 | Door Frames and Doors Installation | 45 days | 29 Mar '21 | 21 May '21 | 127 days |
| 651 | Wall Plastering Base Coat | 45 days | 10 Apr '21 | 2 Jun '21 | 204 days |
| 652 | Wall Plastering Final Coat | 45 days | 10 Apr '21 | 2 Jun '21 | 127 days |
| 653 | Lift Door Jamb | 45 days | 29 Mar '21 | 21 May '21 | 214 days |
| 654 | Painting of Doors | 50 days | 22 Apr '21 | 19 Jun '21 | 127 days |
| 655 | M&E Ceiling Clearance | 45 days | 5 May '21 | 25 Jun '21 | 127 days |
| 656 | Ceiling Grid Installation | 50 days | 17 May '21 | 13 Jul '21 | 127 days |
| 657 | Ceiling Plaster Board | 45 days | 25 May '21 | 15 Jul '21 | 127 days |
| 658 | Homogenous Wall Tiles | 50 days | 2 Jun '21 | 29 Jul '21 | 127 days |
| 659 | Homogenous Floor Tiles | 50 days | 10 Jun '21 | 6 Aug '21 | 127 days |
| 660 | Skirting Installation | 40 days | 24 Jun '21 | 10 Aug '21 | 127 days |
| 661 | M&E Fixes | 45 days | 2 Jul '21 | 24 Aug '21 | 127 days |
| 662 | Painting to Ceilings | 45 days | 10 Jul '21 | 1 Sep '21 | 127 days |
| 663 | External Plastering & Painting Works | 65 days | 17 Mar '21 | 2 Jun '21 | 204 days |
| 664 | **M&E Works** | **94 days** | **13 Mar '21** | **2 Jul '21** | **178 days** |
| 665 | Staircase Works (Including Storey Shelter Works) | 60 days | 13 Mar '21 | 24 May '21 | 178 days |
| 666 | Lift Lobby Works | 80 days | 30 Mar '21 | 2 Jul '21 | 178 days |
| 667 | **Block 8** | **163 days** | **1 Apr '21** | **11 Oct '21** | **93 days** |
| 668 | **Architectural Works** | **163 days** | **1 Apr '21** | **11 Oct '21** | **93 days** |
| 669 | Staircase Works (Including Storey Shelter Works) | 60 days | 1 Apr '21 | 11 Jun '21 | 93 days |
| 670 | **Lift Lobby Works** | **142 days** | **27 Apr '21** | **11 Oct '21** | **93 days** |
| 671 | Floor Screed | 50 days | 27 Apr '21 | 24 Jun '21 | 93 days |
| 672 | Door Frames and Doors Installation | 45 days | 10 May '21 | 30 Jun '21 | 93 days |
| 673 | Wall Plastering Base Coat | 45 days | 21 May '21 | 12 Jul '21 | 170 days |
| 674 | Wall Plastering Final Coat | 45 days | 21 May '21 | 12 Jul '21 | 93 days |
| 675 | Lift Door Jamb | 45 days | 10 May '21 | 30 Jun '21 | 180 days |
| 676 | Painting of Doors | 50 days | 2 Jun '21 | 29 Jul '21 | 93 days |
| 677 | M&E Ceiling Clearance | 45 days | 14 Jun '21 | 4 Aug '21 | 93 days |
| 678 | Ceiling Grid Installation | 50 days | 25 Jun '21 | 23 Aug '21 | 93 days |
| 679 | Ceiling Plaster Board | 45 days | 3 Jul '21 | 25 Aug '21 | 93 days |
| 680 | Homogenous Wall Tiles | 50 days | 12 Jul '21 | 8 Sep '21 | 93 days |
| 681 | Homogenous Floor Tiles | 50 days | 20 Jul '21 | 16 Sep '21 | 93 days |
| 682 | Skirting Installation | 40 days | 3 Aug '21 | 18 Sep '21 | 93 days |
| 683 | M&E Fixes | 45 days | 12 Aug '21 | 2 Oct '21 | 93 days |
| 684 | Painting to Ceilings | 45 days | 20 Aug '21 | 11 Oct '21 | 93 days |
| 685 | External Plastering & Painting Works | 65 days | 27 Apr '21 | 12 Jul '21 | 170 days |
| 686 | **M&E Works** | **94 days** | **23 Apr '21** | **12 Aug '21** | **144 days** |
| 687 | Staircase Works (Including Storey Shelter Works) | 60 days | 23 Apr '21 | 2 Jul '21 | 144 days |
| 688 | Lift Lobby Works | 80 days | 11 May '21 | 12 Aug '21 | 144 days |
| 689 | **Block 5** | **163 days** | **10 May '21** | **16 Nov '21** | **62 days** |
| 690 | **Architectural Works** | **163 days** | **10 May '21** | **16 Nov '21** | **62 days** |
| 691 | Staircase Works (Including Storey Shelter Works) | 60 days | 10 May '21 | 17 Jul '21 | 62 days |
| 692 | **Lift Lobby Works** | **142 days** | **3 Jun '21** | **16 Nov '21** | **62 days** |
| 693 | Floor Screed | 50 days | 3 Jun '21 | 30 Jul '21 | 62 days |
| 694 | Door Frames and Doors Installation | 45 days | 15 Jun '21 | 5 Aug '21 | 62 days |
| 695 | Wall Plastering Base Coat | 45 days | 26 Jun '21 | 18 Aug '21 | 139 days |
| 696 | Wall Plastering Final Coat | 45 days | 26 Jun '21 | 18 Aug '21 | 62 days |
| 697 | Lift Door Jamb | 45 days | 15 Jun '21 | 5 Aug '21 | 149 days |
| 698 | Painting of Doors | 50 days | 8 Jul '21 | 4 Sep '21 | 62 days |
| 699 | M&E Ceiling Clearance | 45 days | 20 Jul '21 | 10 Sep '21 | 62 days |
| 700 | Ceiling Grid Installation | 50 days | 31 Jul '21 | 28 Sep '21 | 62 days |
| 701 | Ceiling Plaster Board | 45 days | 10 Aug '21 | 30 Sep '21 | 62 days |




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

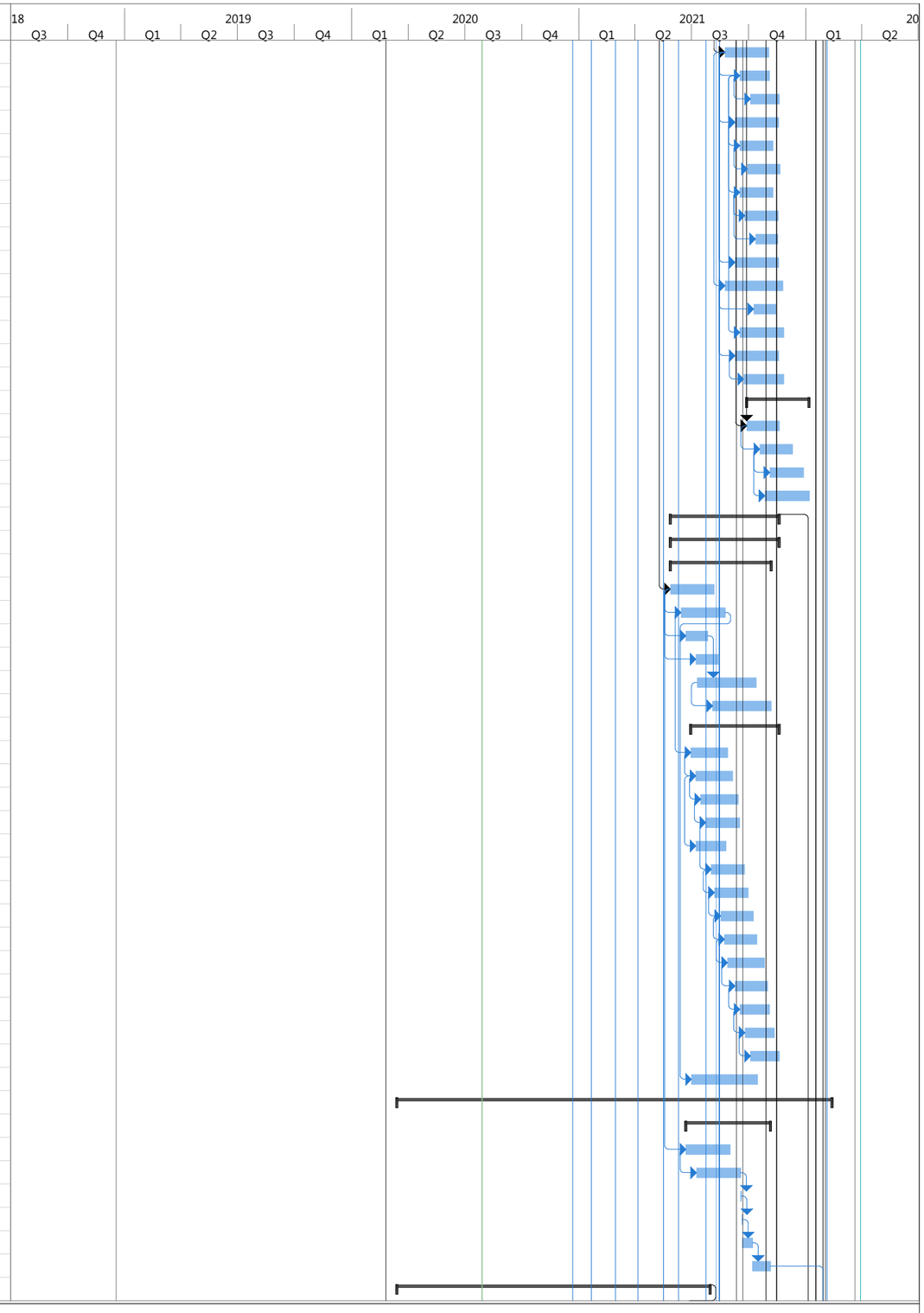
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 702 | Homogenous Wall Tiles | 50 days | 18 Aug '21 | 14 Oct '21 | 62 days |
| 703 | Homogenous Floor Tiles | 50 days | 26 Aug '21 | 22 Oct '21 | 62 days |
| 704 | Skirting Installation | 40 days | 9 Sep '21 | 25 Oct '21 | 62 days |
| 705 | M&E Fixes | 45 days | 17 Sep '21 | 8 Nov '21 | 62 days |
| 706 | Painting to Ceilings | 45 days | 25 Sep '21 | 16 Nov '21 | 62 days |
| 707 | External Plastering & Painting Works | 65 days | 3 Jun '21 | 18 Aug '21 | 139 days |
| 708 | **M&E Works** | **94 days** | **31 May '21** | **17 Sep '21** | **113 days** |
| 709 | Staircase Works (Including Storey Shelter Works) | 60 days | 31 May '21 | 7 Aug '21 | 113 days |
| 710 | Lift Lobby Works | 80 days | 16 Jun '21 | 17 Sep '21 | 113 days |
| 711 | **Block 2** | **163 days** | **23 Jun '21** | **31 Dec '21** | **24 days** |
| 712 | **Architectural Works** | **163 days** | **23 Jun '21** | **31 Dec '21** | **24 days** |
| 713 | Staircase Works (Including Storey Shelter Works) | 60 days | 23 Jun '21 | 1 Sep '21 | 24 days |
| 714 | **Lift Lobby Works** | **142 days** | **17 Jul '21** | **31 Dec '21** | **24 days** |
| 715 | Floor Screed | 50 days | 17 Jul '21 | 14 Sep '21 | 24 days |
| 716 | Door Frames and Doors Installation | 45 days | 29 Jul '21 | 20 Sep '21 | 24 days |
| 717 | Wall Plastering Base Coat | 45 days | 11 Aug '21 | 1 Oct '21 | 101 days |
| 718 | Wall Plastering Final Coat | 45 days | 11 Aug '21 | 1 Oct '21 | 24 days |
| 719 | Lift Door Jamb | 45 days | 29 Jul '21 | 20 Sep '21 | 111 days |
| 720 | Painting of Doors | 50 days | 23 Aug '21 | 19 Oct '21 | 24 days |
| 721 | M&E Ceiling Clearance | 45 days | 3 Sep '21 | 25 Oct '21 | 24 days |
| 722 | Ceiling Grid Installation | 50 days | 15 Sep '21 | 11 Nov '21 | 24 days |
| 723 | Ceiling Plaster Board | 45 days | 23 Sep '21 | 13 Nov '21 | 24 days |
| 724 | Homogenous Wall Tiles | 50 days | 1 Oct '21 | 27 Nov '21 | 24 days |
| 725 | Homogenous Floor Tiles | 50 days | 9 Oct '21 | 6 Dec '21 | 24 days |
| 726 | Skirting Installation | 40 days | 23 Oct '21 | 8 Dec '21 | 24 days |
| 727 | M&E Fixes | 45 days | 1 Nov '21 | 22 Dec '21 | 24 days |
| 728 | Painting to Ceilings | 45 days | 9 Nov '21 | 31 Dec '21 | 24 days |
| 729 | External Plastering & Painting Works | 65 days | 17 Jul '21 | 1 Oct '21 | 101 days |
| 730 | **M&E Works** | **94 days** | **14 Jul '21** | **1 Nov '21** | **75 days** |
| 731 | Staircase Works (Including Storey Shelter Works) | 60 days | 14 Jul '21 | 22 Sep '21 | 75 days |
| 732 | Lift Lobby Works | 80 days | 30 Jul '21 | 1 Nov '21 | 75 days |
| 733 | **Block 3** | **163 days** | **15 Jul '21** | **22 Jan '22** | **5 days** |
| 734 | **Architectural Works** | **163 days** | **15 Jul '21** | **22 Jan '22** | **5 days** |
| 735 | Staircase Works (Including Storey Shelter Works) | 60 days | 15 Jul '21 | 23 Sep '21 | 5 days |
| 736 | **Lift Lobby Works** | **142 days** | **10 Aug '21** | **22 Jan '22** | **5 days** |
| 737 | Floor Screed | 50 days | 10 Aug '21 | 6 Oct '21 | 5 days |
| 738 | Door Frames and Doors Installation | 45 days | 21 Aug '21 | 12 Oct '21 | 5 days |
| 739 | Wall Plastering Base Coat | 45 days | 2 Sep '21 | 23 Oct '21 | 82 days |
| 740 | Wall Plastering Final Coat | 45 days | 2 Sep '21 | 23 Oct '21 | 5 days |
| 741 | Lift Door Jamb | 45 days | 21 Aug '21 | 12 Oct '21 | 92 days |
| 742 | Painting of Doors | 50 days | 14 Sep '21 | 10 Nov '21 | 5 days |
| 743 | M&E Ceiling Clearance | 45 days | 25 Sep '21 | 16 Nov '21 | 5 days |
| 744 | Ceiling Grid Installation | 50 days | 7 Oct '21 | 3 Dec '21 | 5 days |
| 745 | Ceiling Plaster Board | 45 days | 15 Oct '21 | 6 Dec '21 | 5 days |
| 746 | Homogenous Wall Tiles | 50 days | 23 Oct '21 | 20 Dec '21 | 5 days |
| 747 | Homogenous Floor Tiles | 50 days | 1 Nov '21 | 29 Dec '21 | 5 days |
| 748 | Skirting Installation | 40 days | 15 Nov '21 | 31 Dec '21 | 5 days |
| 749 | M&E Fixes | 45 days | 23 Nov '21 | 14 Jan '22 | 5 days |
| 750 | Painting to Ceilings | 45 days | 1 Dec '21 | 22 Jan '22 | 5 days |
| 751 | External Plastering & Painting Works | 65 days | 10 Aug '21 | 23 Oct '21 | 82 days |
| 752 | **M&E Works** | **94 days** | **5 Aug '21** | **23 Nov '21** | **56 days** |
| 753 | Staircase Works (Including Storey Shelter Works) | 60 days | 5 Aug '21 | 14 Oct '21 | 56 days |
| 754 | Lift Lobby Works | 80 days | 23 Aug '21 | 23 Nov '21 | 56 days |
| 755 | **4F. External Common Area Works (Architectural Works + Landscape Lightings)** | **115 days** | **24 Aug '21** | **5 Jan '22** | **20 days** |




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

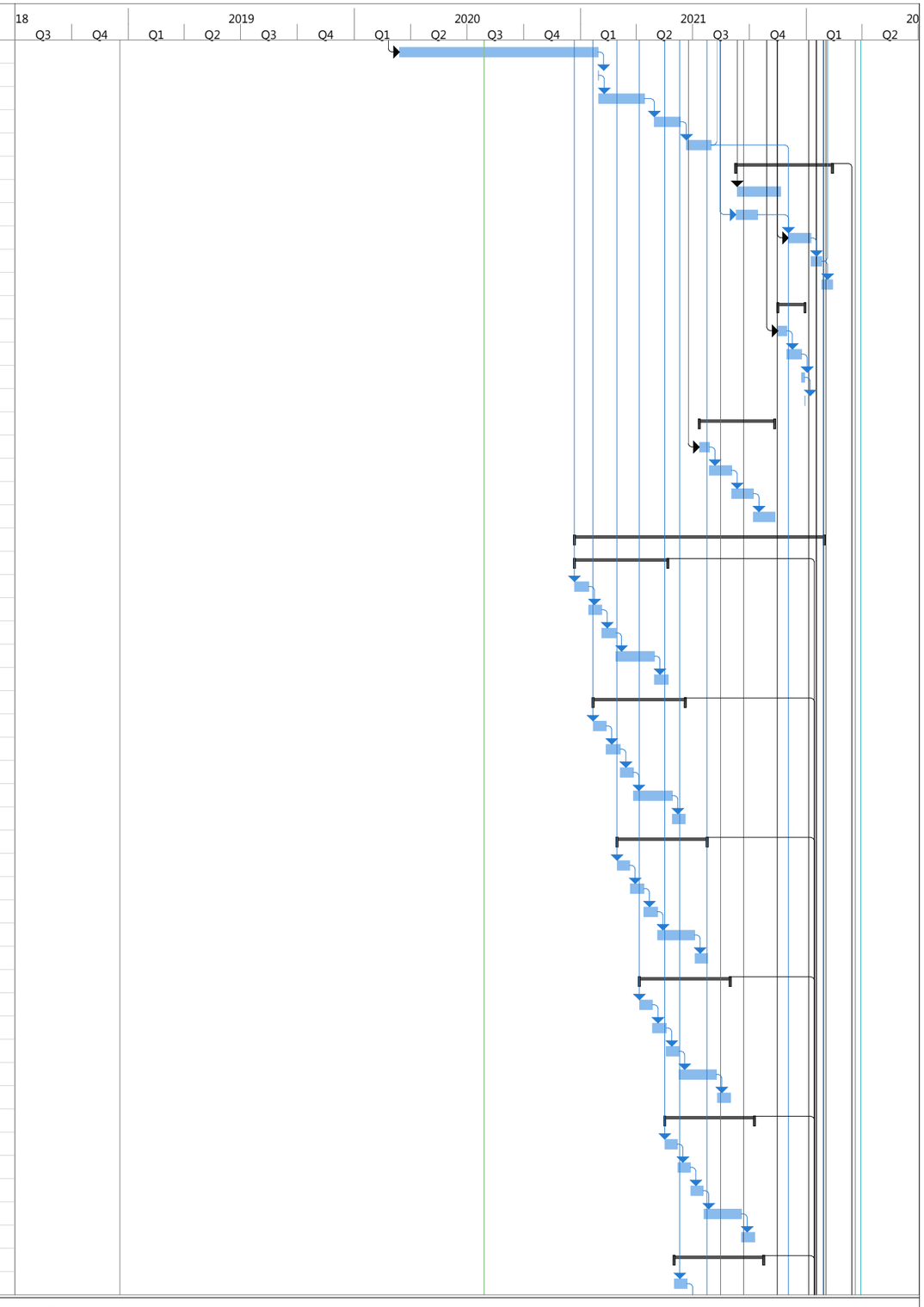
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 756 | Swimming Lap Pool & Spa Pool | 60 days | 24 Aug '21 | 1 Nov '21 | 54 days |
| 757 | Kid's Pool | 40 days | 17 Sep '21 | 2 Nov '21 | 54 days |
| 758 | Pool Deck | 40 days | 4 Oct '21 | 18 Nov '21 | 60 days |
| 759 | Gym + Toilet | 60 days | 9 Sep '21 | 17 Nov '21 | 59 days |
| 760 | Forest Grove Courtyard | 45 days | 17 Sep '21 | 8 Nov '21 | 59 days |
| 761 | BBQ Pavillion | 45 days | 29 Sep '21 | 19 Nov '21 | 59 days |
| 762 | Water Feature | 45 days | 17 Sep '21 | 8 Nov '21 | 62 days |
| 763 | Function Room / Reading Room / Party Room / Children Indoor Play Area | 45 days | 25 Sep '21 | 16 Nov '21 | 62 days |
| 764 | Signages | 30 days | 12 Oct '21 | 15 Nov '21 | 63 days |
| 765 | Guard House | 60 days | 9 Sep '21 | 17 Nov '21 | 61 days |
| 766 | Boundary Wall & Fence | 80 days | 24 Aug '21 | 24 Nov '21 | 54 days |
| 767 | Drainage | 30 days | 9 Oct '21 | 12 Nov '21 | 65 days |
| 768 | Driveway / Pedestrain Walkway / Drop-Off Areas / Fire Engine Access | 60 days | 17 Sep '21 | 25 Nov '21 | 54 days |
| 769 | Softscape | 60 days | 9 Sep '21 | 17 Nov '21 | 54 days |
| 770 | Artificial Green Wall + Full Landscape for Lush | 55 days | 23 Sep '21 | 25 Nov '21 | 54 days |
| 771 | Roof Common Area Works | 85 days | 28 Sep '21 | 5 Jan '22 | 20 days |
| 772 | Tennis Court | 45 days | 28 Sep '21 | 18 Nov '21 | 20 days |
| 773 | Meditation Pavilion / Garden Pavilion | 45 days | 19 Oct '21 | 9 Dec '21 | 20 days |
| 774 | Outdoor Fitness Area | 45 days | 4 Nov '21 | 27 Dec '21 | 28 days |
| 775 | Scented Garden Deck / Sky Park Deck / Flower Garden Deck | 60 days | 27 Oct '21 | 5 Jan '22 | 20 days |
| 776 | **4G. Basement Carpark & Lift Lobbies** | **149 days** | **28 May '21** | **18 Nov '21** | **39 days** |
| 777 | **Architecture Works** | **149 days** | **28 May '21** | **18 Nov '21** | **39 days** |
| 778 | **General Works** | **138 days** | **28 May '21** | **5 Nov '21** | **39 days** |
| 779 | Ceiling Skim Coat | 60 days | 28 May '21 | 5 Aug '21 | 39 days |
| 780 | Plaster & Painting | 60 days | 14 Jun '21 | 23 Aug '21 | 39 days |
| 781 | Wheel Stopper | 30 days | 22 Jun '21 | 26 Jul '21 | 50 days |
| 782 | Column Guard | 30 days | 8 Jul '21 | 12 Aug '21 | 123 days |
| 783 | Floor Rectification | 80 days | 10 Jul '21 | 12 Oct '21 | 50 days |
| 784 | Floor Harderner | 80 days | 4 Aug '21 | 5 Nov '21 | 50 days |
| 785 | **Lift Lobby Works** | **121 days** | **30 Jun '21** | **18 Nov '21** | **39 days** |
| 786 | Floor Screed | 50 days | 30 Jun '21 | 27 Aug '21 | 39 days |
| 787 | Door Frames and Doors Installation | 50 days | 8 Jul '21 | 4 Sep '21 | 39 days |
| 788 | Wall Plastering Base Coat | 50 days | 16 Jul '21 | 13 Sep '21 | 39 days |
| 789 | Wall Plastering Final Coat | 45 days | 24 Jul '21 | 15 Sep '21 | 39 days |
| 790 | Lift Door Jamb | 40 days | 8 Jul '21 | 24 Aug '21 | 113 days |
| 791 | Painting of Doors | 45 days | 2 Aug '21 | 23 Sep '21 | 39 days |
| 792 | M&E Ceiling Clearance | 45 days | 7 Aug '21 | 29 Sep '21 | 39 days |
| 793 | Ceiling Grid Installation | 45 days | 17 Aug '21 | 7 Oct '21 | 39 days |
| 794 | Ceiling Plaster Board | 45 days | 23 Aug '21 | 13 Oct '21 | 39 days |
| 795 | Homogenous Wall Tiles | 50 days | 28 Aug '21 | 25 Oct '21 | 39 days |
| 796 | Homogenous Floor Tiles | 45 days | 9 Sep '21 | 30 Oct '21 | 39 days |
| 797 | Skirting Installation | 40 days | 17 Sep '21 | 2 Nov '21 | 39 days |
| 798 | M&E Fixes | 40 days | 25 Sep '21 | 10 Nov '21 | 39 days |
| 799 | Painting to Ceilings | 40 days | 4 Oct '21 | 18 Nov '21 | 39 days |
| 800 | **M&E Works** | **90 days** | **1 Jul '21** | **14 Oct '21** | **69 days** |
| 801 | **4H. M&E & Ancillary Works** | **586 days** | **14 Mar '20** | **11 Feb '22** | **32 days** |
| 802 | **Singtel / Starhub / OpenNet** | **116 days** | **22 Jun '21** | **4 Nov '21** | **72 days** |
| 803 | MDF Rooms Architectural Finishes | 60 days | 22 Jun '21 | 31 Aug '21 | 72 days |
| 804 | MDF Rooms M&E Works | 60 days | 9 Jul '21 | 17 Sep '21 | 72 days |
| 805 | Handover of MDF Room / Tel Risers | 1 day | 18 Sep '21 | 18 Sep '21 | 72 days |
| 806 | TAS / SCV Riser Handover | 1 day | 20 Sep '21 | 20 Sep '21 | 72 days |
| 807 | Inspection by Authorities | 14 days | 21 Sep '21 | 6 Oct '21 | 72 days |
| 808 | Cable Readiness Approval by Authorities | 25 days | 7 Oct '21 | 4 Nov '21 | 72 days |
| 809 | **Permanent Power Supply** | **420 days** | **14 Mar '20** | **30 Jul '21** | **111 days** |




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

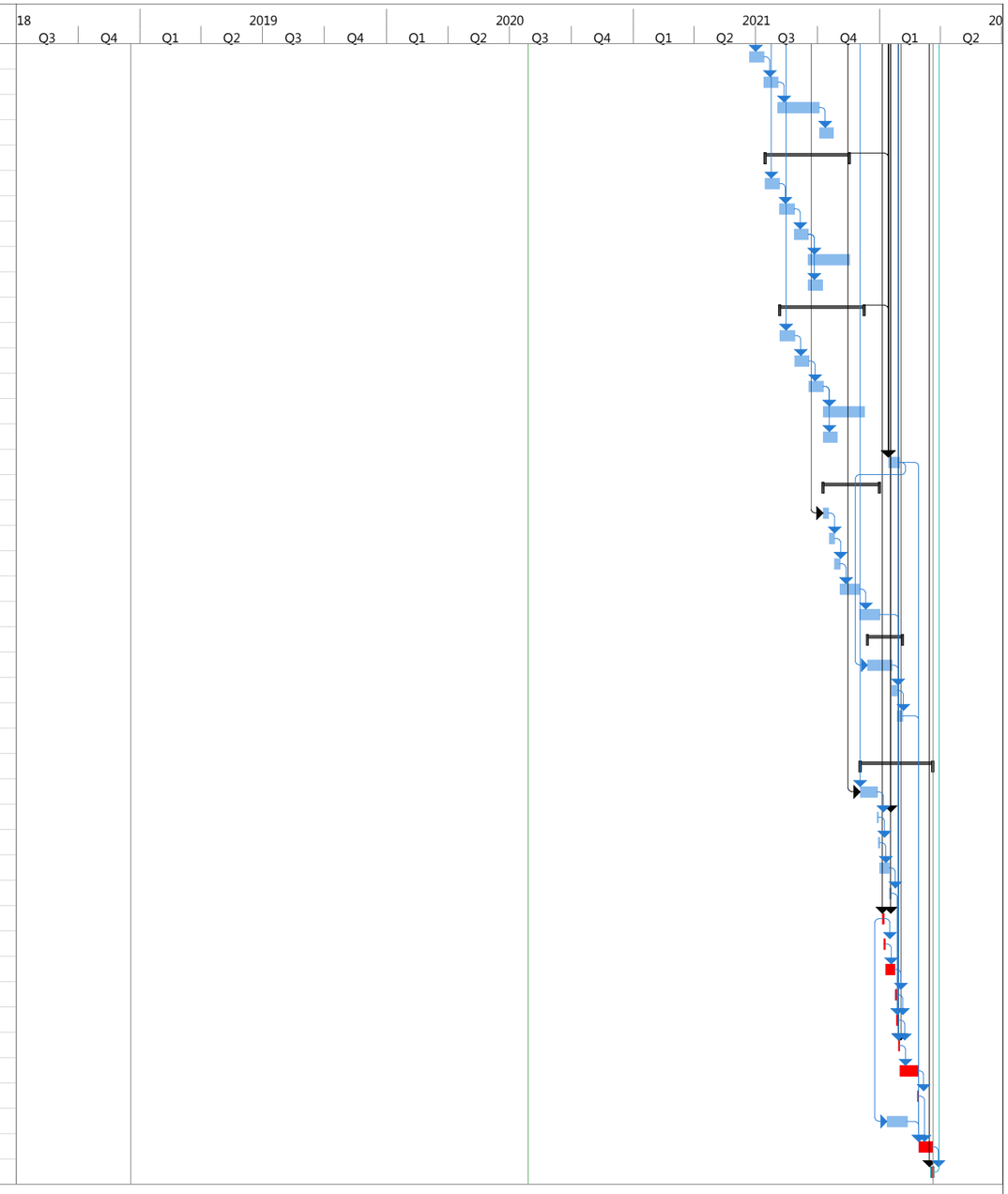
| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 810 | Electrical Substation Works | 267 days | 14 Mar '20 | 28 Jan '21 | 111 days |
| 811 | Substation Handover | 1 day | 29 Jan '21 | 29 Jan '21 | 111 days |
| 812 | Consumer Switchroom Transformer Works | 60 days | 30 Jan '21 | 13 Apr '21 | 111 days |
| 813 | Powergrid Inspection | 35 days | 30 Apr '21 | 10 Jun '21 | 111 days |
| 814 | Power Turn On | 35 days | 21 Jun '21 | 30 Jul '21 | 111 days |
| 815 | **Water Supply** | **133 days** | **9 Sep '21** | **11 Feb '22** | **31 days** |
| 816 | Water Tank / Booster Pump | 60 days | 11 Sep '21 | 19 Nov '21 | 102 days |
| 817 | Swimming Pool Filtration System | 30 days | 9 Sep '21 | 13 Oct '21 | 74 days |
| 818 | PUB Water Service Inspection | 30 days | 3 Dec '21 | 7 Jan '22 | 31 days |
| 819 | Water Turn-On | 15 days | 8 Jan '22 | 25 Jan '22 | 31 days |
| 820 | Installation of Submeter by PUB | 15 days | 26 Jan '22 | 11 Feb '22 | 31 days |
| 821 | **Gas Supply** | **37 days** | **16 Nov '21** | **29 Dec '21** | **70 days** |
| 822 | As Built Drawings Submission | 12 days | 16 Nov '21 | 29 Nov '21 | 70 days |
| 823 | As Built Drawings Clearance | 21 days | 30 Nov '21 | 23 Dec '21 | 70 days |
| 824 | Pressure Test | 3 days | 24 Dec '21 | 28 Dec '21 | 70 days |
| 825 | Gas Turn On | 1 day | 29 Dec '21 | 29 Dec '21 | 70 days |
| 826 | **SP Services** | **104 days** | **12 Jul '21** | **10 Nov '21** | **111 days** |
| 827 | In-House Inspection | 14 days | 12 Jul '21 | 27 Jul '21 | 111 days |
| 828 | Sample Unit Testing by SP | 30 days | 28 Jul '21 | 1 Sep '21 | 111 days |
| 829 | Unit Meter Installation | 30 days | 2 Sep '21 | 6 Oct '21 | 111 days |
| 830 | 100% Unit Testing & Cable Readiness | 30 days | 7 Oct '21 | 10 Nov '21 | 111 days |
| 831 | **Lift Installation including Internal Finishes / T&C** | **339 days** | **22 Dec '20** | **29 Jan '22** | **20 days** |
| 832 | **Block 1** | **124 days** | **22 Dec '20** | **21 May '21** | **191 days** |
| 833 | Builder's Works within Lift Shafts | 18 days | 22 Dec '20 | 13 Jan '21 | 191 days |
| 834 | Lift Shafts installation by Lift Contractor | 18 days | 14 Jan '21 | 3 Feb '21 | 191 days |
| 835 | Lifts Installation by Lift Contractor | 18 days | 4 Feb '21 | 26 Feb '21 | 191 days |
| 836 | Lift Testing & Commissioning | 52 days | 27 Feb '21 | 29 Apr '21 | 191 days |
| 837 | Lifts Interior Finishes by Lift Contractor | 18 days | 30 Apr '21 | 21 May '21 | 191 days |
| 838 | **Block 4** | **124 days** | **21 Jan '21** | **18 Jun '21** | **167 days** |
| 839 | Builder's Works within Lift Shafts | 18 days | 21 Jan '21 | 10 Feb '21 | 167 days |
| 840 | Lift Shafts installation by Lift Contractor | 18 days | 11 Feb '21 | 5 Mar '21 | 167 days |
| 841 | Lifts Installation by Lift Contractor | 18 days | 6 Mar '21 | 26 Mar '21 | 167 days |
| 842 | Lift Testing & Commissioning | 52 days | 27 Mar '21 | 28 May '21 | 167 days |
| 843 | Lifts Interior Finishes by Lift Contractor | 18 days | 29 May '21 | 18 Jun '21 | 167 days |
| 844 | **Block 6** | **124 days** | **1 Mar '21** | **24 Jul '21** | **136 days** |
| 845 | Builder's Works within Lift Shafts | 18 days | 1 Mar '21 | 20 Mar '21 | 136 days |
| 846 | Lift Shafts installation by Lift Contractor | 18 days | 22 Mar '21 | 12 Apr '21 | 136 days |
| 847 | Lifts Installation by Lift Contractor | 18 days | 13 Apr '21 | 4 May '21 | 136 days |
| 848 | Lift Testing & Commissioning | 52 days | 5 May '21 | 3 Jul '21 | 136 days |
| 849 | Lifts Interior Finishes by Lift Contractor | 18 days | 5 Jul '21 | 24 Jul '21 | 136 days |
| 850 | **Block 7** | **124 days** | **6 Apr '21** | **30 Aug '21** | **106 days** |
| 851 | Builder's Works within Lift Shafts | 18 days | 6 Apr '21 | 26 Apr '21 | 106 days |
| 852 | Lift Shafts installation by Lift Contractor | 18 days | 27 Apr '21 | 18 May '21 | 106 days |
| 853 | Lifts Installation by Lift Contractor | 18 days | 19 May '21 | 8 Jun '21 | 106 days |
| 854 | Lift Testing & Commissioning | 52 days | 9 Jun '21 | 7 Aug '21 | 106 days |
| 855 | Lifts Interior Finishes by Lift Contractor | 18 days | 10 Aug '21 | 30 Aug '21 | 106 days |
| 856 | **Block 8** | **124 days** | **17 May '21** | **8 Oct '21** | **72 days** |
| 857 | Builder's Works within Lift Shafts | 18 days | 17 May '21 | 5 Jun '21 | 72 days |
| 858 | Lift Shafts installation by Lift Contractor | 18 days | 7 Jun '21 | 26 Jun '21 | 72 days |
| 859 | Lifts Installation by Lift Contractor | 18 days | 28 Jun '21 | 17 Jul '21 | 72 days |
| 860 | Lift Testing & Commissioning | 52 days | 19 Jul '21 | 17 Sep '21 | 72 days |
| 861 | Lifts Interior Finishes by Lift Contractor | 18 days | 18 Sep '21 | 8 Oct '21 | 72 days |
| 862 | **Block 5** | **124 days** | **1 Jun '21** | **23 Oct '21** | **59 days** |
| 863 | Builder's Works within Lift Shafts | 18 days | 1 Jun '21 | 21 Jun '21 | 59 days |




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

| ID | Task Name | Duration | Start | Finish | Total Slack |
|---|---|---|---|---|---|
| 864 | Lift Shafts installation by Lift Contractor | 18 days | 22 Jun '21 | 12 Jul '21 | 59 days |
| 865 | Lifts Installation by Lift Contractor | 18 days | 13 Jul '21 | 2 Aug '21 | 59 days |
| 866 | Lift Testing & Commissioning | 52 days | 3 Aug '21 | 2 Oct '21 | 59 days |
| 867 | Lifts Interior Finishes by Lift Contractor | 18 days | 4 Oct '21 | 23 Oct '21 | 59 days |
| 868 | **Block 2** | **106 days** | **15 Jul '21** | **16 Nov '21** | **39 days** |
| 869 | Builder's Works within Lift Shafts | 18 days | 15 Jul '21 | 4 Aug '21 | 39 days |
| 870 | Lift Shafts installation by Lift Contractor | 18 days | 5 Aug '21 | 26 Aug '21 | 39 days |
| 871 | Lifts Installation by Lift Contractor | 18 days | 27 Aug '21 | 16 Sep '21 | 39 days |
| 872 | Lift Testing & Commissioning | 52 days | 17 Sep '21 | 16 Nov '21 | 39 days |
| 873 | Lifts Interior Finishes by Lift Contractor | 18 days | 17 Sep '21 | 7 Oct '21 | 73 days |
| 874 | **Block 3** | **106 days** | **6 Aug '21** | **8 Dec '21** | **20 days** |
| 875 | Builder's Works within Lift Shafts | 18 days | 6 Aug '21 | 27 Aug '21 | 20 days |
| 876 | Lift Shafts installation by Lift Contractor | 18 days | 28 Aug '21 | 17 Sep '21 | 20 days |
| 877 | Lifts Installation by Lift Contractor | 18 days | 18 Sep '21 | 8 Oct '21 | 20 days |
| 878 | Lift Testing & Commissioning | 52 days | 9 Oct '21 | 8 Dec '21 | 20 days |
| 879 | Lifts Interior Finishes by Lift Contractor | 18 days | 9 Oct '21 | 29 Oct '21 | 54 days |
| 880 | Lift Lodgement to BCA | 14 days | 14 Jan '22 | 29 Jan '22 | 20 days |
| 881 | **Staircase Storey Shelter** | **71 days** | **9 Oct '21** | **31 Dec '21** | **24 days** |
| 882 | Pre 1st Commissioning Inspection (AL) | 7 days | 9 Oct '21 | 16 Oct '21 | 24 days |
| 883 | 1st Commissioning Inspection | 7 days | 18 Oct '21 | 25 Oct '21 | 24 days |
| 884 | 1st Storey Storey Shelter Commissioning | 7 days | 26 Oct '21 | 2 Nov '21 | 24 days |
| 885 | Pre Full Commissioning Inspection (AL) | 25 days | 3 Nov '21 | 1 Dec '21 | 24 days |
| 886 | Storey Shelter Commissioning | 25 days | 2 Dec '21 | 31 Dec '21 | 24 days |
| 887 | **Singpost** | **44 days** | **14 Dec '21** | **3 Feb '22** | **20 days** |
| 888 | Letterbox Installation | 30 days | 14 Dec '21 | 18 Jan '22 | 20 days |
| 889 | Singpost Inspection | 7 days | 19 Jan '22 | 26 Jan '22 | 20 days |
| 890 | Issuance of Letter of Compliance | 7 days | 27 Jan '22 | 3 Feb '22 | 20 days |
| 891 | | | | | |
| 892 | **5. Temporary Occupation Permit (TOP)** | **92 days** | **3 Dec '21** | **20 Mar '22** | **0 days** |
| 893 | M&E Final Testing & Commissioning | 20 days | 3 Dec '21 | 27 Dec '21 | 7 days |
| 894 | Pre M&E RI Inspection | 2 days | 28 Dec '21 | 29 Dec '21 | 7 days |
| 895 | M&E RI Inspection | 2 days | 30 Dec '21 | 31 Dec '21 | 7 days |
| 896 | M&E Rectification works | 12 days | 1 Jan '22 | 14 Jan '22 | 7 days |
| 897 | M&E RI Final Inspection | 2 days | 15 Jan '22 | 17 Jan '22 | 7 days |
| 898 | Pre Architectural RI Inspection | 2 days | 5 Jan '22 | 6 Jan '22 | 0 days |
| 899 | Architectural RI Inspection | 2 days | 7 Jan '22 | 8 Jan '22 | 0 days |
| 900 | Architectural Rectification Works | 12 days | 10 Jan '22 | 22 Jan '22 | 0 days |
| 901 | Architectural RI Final Inspection | 2 days | 24 Jan '22 | 25 Jan '22 | 0 days |
| 902 | RI Issue Form 2 | 3 days | 26 Jan '22 | 28 Jan '22 | 0 days |
| 903 | BCA TOP 1st Inspection | 1 day | 29 Jan '22 | 29 Jan '22 | 0 days |
| 904 | TOP Recitification Works | 23 days | 31 Jan '22 | 25 Feb '22 | 0 days |
| 905 | BCA TOP 2nd Inspction | 1 day | 26 Feb '22 | 26 Feb '22 | 0 days |
| 906 | Green Mark Stage 1 Verification | 26 days | 12 Jan '22 | 10 Feb '22 | 14 days |
| 907 | TOP Lodgement | 18 days | 28 Feb '22 | 19 Mar '22 | 0 days |
| 908 | TOP Obtained / Completion Date | 1 day | 20 Mar '22 | 20 Mar '22 | 0 days |




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

**SECTION 4**

**PROGRAMME**

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

| Service | Authority | Original Submission | | Comments/Resubmission | | | | | | Approval/ |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Scheduled | Actual | Comment | Resubmit | Comment | Resubmit | Comment | Resubmit | Clearance |
| Application for Electricity Supply | SP Services Ltd | 06/06/18 | 06/06/18 | | | | | | | 26/06/19 |
| Power Supply Substation | SP PowerGrid Ltd | 30/06/19 | 27/3/19 | | 30/04/19 | | | | | 18/06/19 |
| Metering Layout | SP Services Ltd | | | | | | | | | |
| Sanitary Installation | PUB Water Reclamation (Network) Dept | 27/06/19 | 28/06/19 | | | | | | | 29/06/19 |
| Domestic Water Supply | PUB (Water Supply) Network Dept | 30/08/19 | 14/10/19 | | | | | | | 19/02/20 |
| Gas Supply Installation | City Gas Pte Ltd | 30/08/19 | 22/08/19 | 23/09/20 | 17/11/20 | 29/03/21 | 12/04/21 | 26/04/21 | 28/04/21 | 14/05/21 |
| Air Conditioning & Ventilation Inst. | FSSD | 18/10/19 | 25/10/19 | | | | | | | 29/11/19 |
| Fire Fighting & Alarm Installation | FSSD | 18/10/19 | 09/12/19 | | | | | | | 03/01/20 |
| Telephone Installation | TFCC | 30/06/19 | | | | | | | | 06/06/19 |
| Broadband Co-axial Cable System (BCS) | Starhub Cable Vision | | | | | | | | | |
| Fuel Storage | FSSD | | | | | | | | | |
| | NEA (Pollution Control) | | | | | | | | | |
| | | | | | | | | | | |

**SECTION 4**

**PROGRAMME**

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

| Service | Authority | Original Submission | | Comments/Resubmission | | | | | | Approval/ |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Scheduled | Actual | Comment | Resubmit | Comment | Resubmit | Comment | Resubmit | Clearance |
| Application for Electricity Supply | SP Services Ltd | | | | | | | | | |
| Power Supply Substation | SP PowerGrid Ltd | | | | | | | | | |
| Metering Layout | SP Services Ltd | | | | | | | | | |
| Sanitary Installation | PUB Water Reclamation (Network) Dept | | | | | | | | | |
| Domestic Water Supply | PUB (Water Supply) Network Dept | | | | | | | | | |
| Gas Supply Installation | City Gas Pte Ltd | | | | | | | | | |
| Air Conditioning & Ventilation Inst. | FSSD | | | | | | | | | |
| Fire Fighting & Alarm Installation | FSSD | 30/08/20 | 15/09/20 | | | | | | | 16/09/20 |
| Telephone Installation | TFCC | | | | | | | | | |
| Broadband Co-axial Cable System (BCS) | Starhub Cable Vision | | | | | | | | | |
| Fuel Storage | FSSD | | | | | | | | | |
| | NEA (Pollution Control) | | | | | | | | | |
| | | | | | | | | | | |

**SECTION 5**

**PROJECT RECORDS**

**5.1 List of Internal Files**

**Standard Files**

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

**Project Files to be initiated by PM as and when required**

| File Ref: | | File Ref: | | File Ref: | |
|---|---|---|---|---|---|
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(✓*where applicable*)

**SECTION 5**

**PROJECT RECORDS**

**5.2 Filing of Drawings**

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

| Description | Team Member |
|---|---|
| Incoming Architectural Floor Plans | Softcopy saved in the server |
| Incoming Architectural Sketches/Details | |
| Incoming Structural Drawings | |
| M&E Drawings<br>- Electrical Installation<br>- Lift Installation<br>- Air Conditioning & Ventilation Installation<br>- Fire Fighting & Alarm Installation<br>- Plumbing & Sanitary Installation<br>- Swimming Pool & Filtration Installation | |
| Other Drawings | |
| | |
| | |
| | |
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**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 – NOT APPLICABLE**

| Item No. | Description* | Required From | Required By | Date Required | Remarks |
|---|---|---|---|---|---|
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** Information required by INTERNAL DESIGN TEAM MEMBERS*

**SECTION 6**

**INTERFACING**

### 6.3 Circulation of Documents to External Parties

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

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

**SECTION 7**

**WORK AUTHORISATION**

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

(✓*where authorised*)

Key to abbreviations:-

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

**SECTION 8**

**DESIGN INPUT & METHODOLOGY**

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

| ITEM | KEPT BY |
|---|---|
| | |
| | |
| | |
| | |
| | |

## 8.2 List of Applicable Code of Practice and Regulations

| Services | Title of Code of Practice/Standard |
|---|---|
| Electrical Wiring | SS CP 5 : 1998 |
| Lightning Protection System | SS 555 : 2018 |
| Emergency Voice Communication System | NA |
| Air Conditioning & Ventilation Installation | SS 553 : 2016 |
| Lift & Escalator Installation | SS 550 : 2009 |
| Sprinkler System | SS CP 52 : 2004 |
| Wet Riser System | NA |
| Automatic Fire Alarm System | SS CP 10 : 2005 |
| Sanitary System | Code of Practice on Sewerage & Sanitary Works : 2004 |
| Plumbing System | SS 636 : 2018 |
| Town Gas/LPG Supply System | SS 608 : 2015 |
| Boiler and Steam Supply System | NA |
| Mechanical Smoke Control System | NA |

**SECTION 8**

**DESIGN INPUT & METHODOLOGY**

## 8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Institute of Plumbing's Plumbing Services Design Guide

## 8.4 List of Pre-Consultation and Waiver – NOT APPLICABLE

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

*To fill in actual information

### 8.5 List of Applicable Quality System Procedures

Alpha Consulting Engineers Pte Ltd's Quality Management System Procedures

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

### 8.6 List of Software Used For Design/Analysis

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

(✓*where applicable*)

**SECTION 9**

**ENVIRONMENTAL CONSIDERATIONS**

### 9.1 Sustainable Design Features / Criteria

| Item | Remarks |
|---|---|
| Green Mark criteria | Gold$^{Plus}$ |
| Green Design Features | - |

### 9.2 Site PPE Requirement

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

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

### 9.3 Site Emergency Preparedness

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

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

**SECTION 9**

**ENVIRONMENTAL CONSIDERATIONS**

### 9.4 Reporting of Environmental Non-conformances

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

### 9.5 List of Applicable Environmental Management System Procedures

Alpha Consulting Engineers Pte Ltd's Environmental Management System Procedures

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

**SECTION 10**

**CLIENT'S REQUIREMENTS**

**10.1 List of Output Required by Client:-**

| Item | * Remarks |
|---|---|
| M&E Design Report | A |
| M&E Cost Estimate Report | A |
| Pre-Qualification of Tenderers | Not Applicable |
| Tender Documents | A |
| Tender Report | A |
| Payment Valuation for QS | A |
| Certificates of Supervision for TOP/CSC | RE |

* *Remarks*

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

*Other purposes and for action: please specify.*

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

**SECTION 11**

**LIST OF SUB-JOB**

**11.1 List of Sub-Job Numbers – NOT APPLICABLE**

| Sub Job No | Description | Allocation Details |
|---|---|---|
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