Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

PROPOSED SPRINGSIDE (PHASES 11A, 11B, 12 & 13) COMPRISING 11 UNITS OF 3-STOREY TERRACE DWELLING HOUSE WITH ATTIC AND 3 UNITS OF SHOWHOUSES AT JALAN ULU SELETAR / SEMBAWANG ROAD (YISHUN PLANNING AREA)

For

KALLANG DEVELOPMENT PTE LTD

Copy No.	1

Prepared By: Goh Xiang Fei / Lim Chinwee

Authorised By: Choong Choon Guan

Date: 1 October 2014

TABLE OF CONTENTS

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

TABLE OF CONTENTS

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

SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	6080 - PQP	1 October 2014

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	26 November 2013	1 to 11	29	+ 26 pages (Section 4.1 – Overall Programme)
1	1 October 2014	1 to 11	29	+ 26 pages (Section 4.1 – Overall Programme

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Residential

Statistics of Development	
Site Area, m²	Approx. 27,011
Nett Floor Area, m²	-
Gross Floor Area, m²	27,845.36
Covered Carpark, m²	N.A.
No. of Covered Carpark Lots	N.A.
No. of Apartments/Houses	114 (Phase 11A – 23 units, Phase 11B – 27 units, Phase 12 – 31 units, Phase 13 – 33 units)
No. of Beds (for Hospitals)	N.A.
No. of Guestroom (for Hotels)	N.A.
No. of Blocks / No. of Storeys	3 storeys with an Attic
Green Mark Category	N.A.
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	3.5172	4.0328	-	-	5.72525	0.515				

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate	-	-	-
Awarded	-	-	88

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

2.3 Scope of Works

2.3.1 Scope of Consultancy Services

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

(✓*where applicable*)

2.3.2 Scope of M&E Services

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

(✓*where applicable*)

2.3.3 Submission to Relevant Authorities by Others

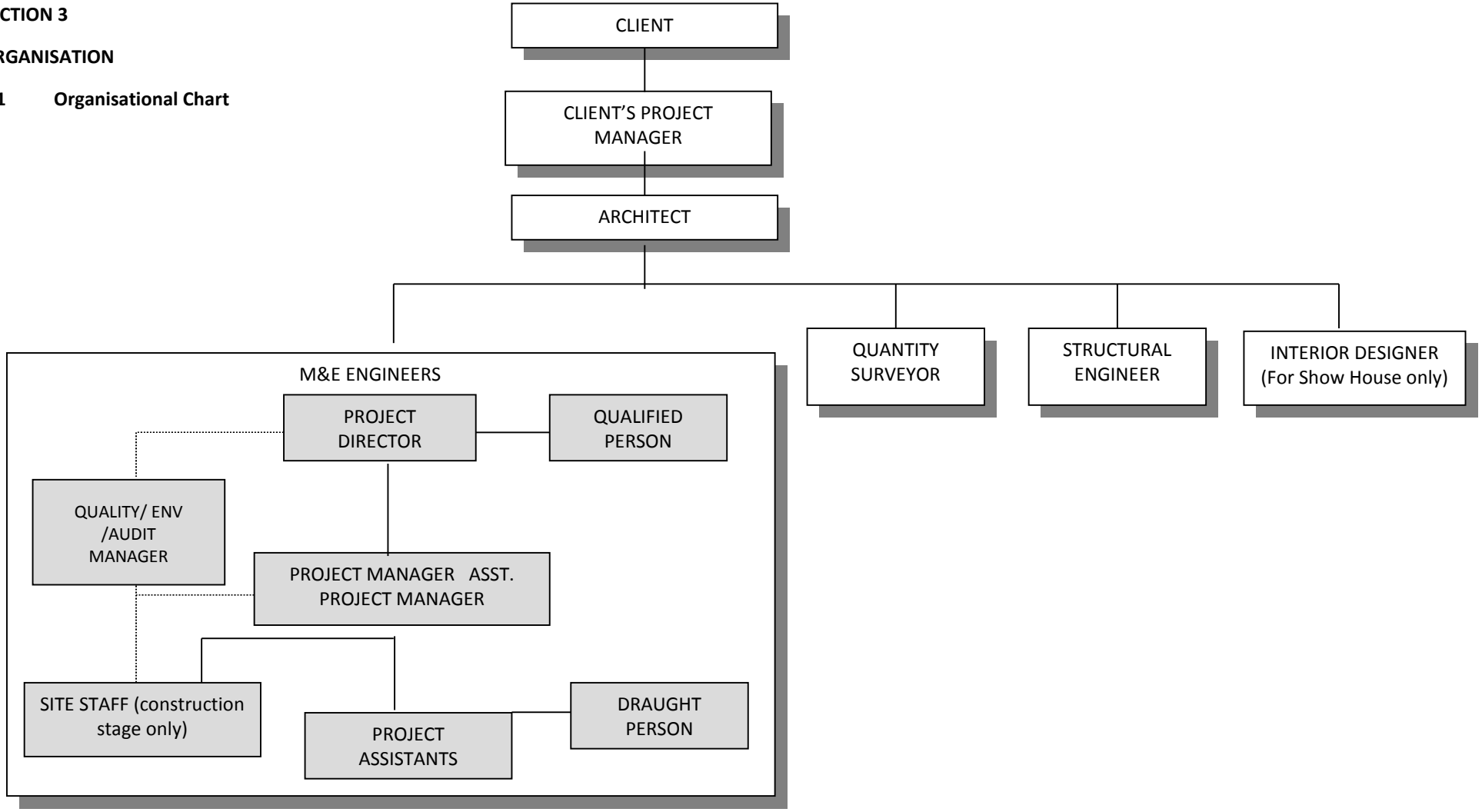
EJECTOR & DIVERTER		SUMP PUMP		FUEL OIL TANK		LIFT & ESCALATOR		PRESSURE VESSEL		HOISTS		FOAM	

(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		Choong Choon Guan (CCG)
Qualified Person	Mechanical	Choong Choon Guan (CCG)
	Electrical	Loh Fook Yuen (LFY)
Project Manager		Khor Bee Khoon (KBK)
Assistant Project Manager		Lim Chai Hoon (LCY)
Project Assistant (Mech)		Lim Chin Woo (LCW)
Project Assistant (Elect)		Goh Xiang Fei (GXF)
Draughtsperson		Common Pool
Resident Engineer (M&E)		-
Assistant Resident Engineer (M&E)		-
Clerk-of-Work (M&E)		Chan Khay Cheong (CKC)

3.3 Client/Client's Representatives

Client:- Kallang Development Pte Ltd

Address:- 65 Chulia Street #45-01
OCBC Centre
Singapore 049513

Tel:- 6538 2372

Fax:- 6535 5217

Client's Representatives:-

Name of Company	Contact Person	Contact
Kallang Development Pte Ltd	Name: Ms Lim Ling Huey Position: Project Manager	Tel: 6236 0252 Fax: 65355217 Handphone: 9107 0743 Email: LHLim@singapore-e.com.sg
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:

3.4 Other Consultants (Local)

Function / Name of Company	Contact Person	Contact
Architect ADDP Architects LLP	Name: Mr Richard Lai Teck Chuan / Mr Brian Lee Position: Principal Architect / Architect	Tel: 6220 2153 Fax: 6325 4918 Handphone: - Email: Richard@addp.sg brian@addp.sg
Quantity Surveyor Northcroft Lim Consultants Pte Ltd	Name: Mr James Loo/ Mr Tam Mun Chuan Position: Director / Senior Quantity Surveyor	Tel: 6220 7188 Fax: 6222 0868 Handphone: - Email: 1214ss@northcroft.sg mctam@northcroft.com.sg
Structural Engineer De Consultants (S) Pte Ltd	Name: Ms Megan Hoon / Mr Toh Bin Tee / Mr Nyan Position: Director / Senior Engineer / Engineer	Tel: 6227 3900 Fax: 6227 2909 Handphone: - Email: megan.hoon@de-consultants.com toh.bt@de-consultants.com nyan@de-consultants.com
Interior Designer -	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant -	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant -	Name: Position:	Tel: Fax: Handphone: Email:
_____	Name: Position:	Tel: Fax: Handphone: Email:
_____	Name: Position:	Tel: Fax: Handphone: Email:

3.4 Other Consultants (Overseas) – NOT USED

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

3.5 Contractors/Sub-Contractors

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor Tiong Seng Contractors Pte Ltd		Name: Ms Chua Wee Li Position: Senior Project Manager	Tel: 6356 0822 Fax: 6356 0688 Handphone: 9644 7986 Email: chua.wee.li@tiongseng.com.sg
Air Conditioning & Ventilation Installation Sub-Contractor Aston Air Control Pte Ltd	NSC	Name: Mr Patrick Chan Position: Project Manager	Tel: 6298 0682 Fax: 6291 2628 Handphone: 9641 0513 Email: patrick_chan@astonair.com
Plumbing & Sanitary Installation Sub-Contractor Markpoint Engineering Pte Ltd	DSC	Name: Mr Ang Galvin Position: Project Manager	Tel: 6456 8012 Fax: 6454 8012 Handphone: 9455 8012 Email: Markpoint@markpoint.com.sg
Electrical Installation Sub-Contractor RYB Engineering Pte Ltd	NSC	Name: Mr Edmund Thoo Position: General Manager	Tel: 6481 7382 Fax: 64817389 Handphone: 9766 0882 Email: edmund@ryb.com.sg
Lift & Escalator Installation Sub-Contractor -		Name: Position:	Tel: Fax: Handphone: Email:
Fire Fighting & Alarm Installation Sub-Contractor -		Name: Position:	Tel: Fax: Handphone: Email:
Swimming Pool Filtration Plant Installation Sub-Contractor Modern Pool Pte Ltd	DSC	Name: Jonny / Prabu Position:	Tel: 6283 7093 Fax: Handphone: 9002 8366 (Quek) Email: modernpl@signet.com.sg
Carpark System Installation Sub-Contractor -		Name: Position:	Tel: Fax: Handphone: Email:
_____		Name: Position:	Tel: Fax: Handphone: Email:

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

3.6 Authorities

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
SP PowerGrid:		
(a) LT Reticulation	Mr Dennis Woo (Planning Officer)	6378 8552 / 9656 4001
	Mr Teo Ming Wei (Project Officer)	mingwei@singaporepower.com.sg
SP Services:		
(a) Customer Supply	M/s Michelle / Mervyn	6671 7194
(b) Installation		
(c) Meter Section		
(d) Road Lighting		
TFCC:		
(a) SCV	Mr Bernard Lim	9061 5104
(b) SingTel	Mr Lee Chong Beng	9649 7719
(c) IDA	Mr Liang Shuang	6211 1129
BCA:	N.A.	
(a) Building Plan		
(b) Green Mark		
FSSD:	N.A.	
(a) Building Plan		
(b) M&E Plan	N.A	
PUB (Water Supply) Network Dept:		
(a) Water Conservation	N.A	
(b) Plumbing Plan	Leow	9757 9498
(c) Diversion	Kubaren	9384 1260
(d) NEWater	N.A	
PUB Water Reclamation (Network) Dept:	N.A.	
(a) Building Plan/CBPU		
(b) M&E Plan		
(c) Diversion		
City Gas Pte Ltd:	N.A.	
(a) Planning/Submission		
(b) Installation/Inspection		
PowerGas Pte Ltd	N.A.	
(a) Diversion		
NEA (Pollution Control)	N.A.	
(a) Planning/Submission		
(b) Inspection		

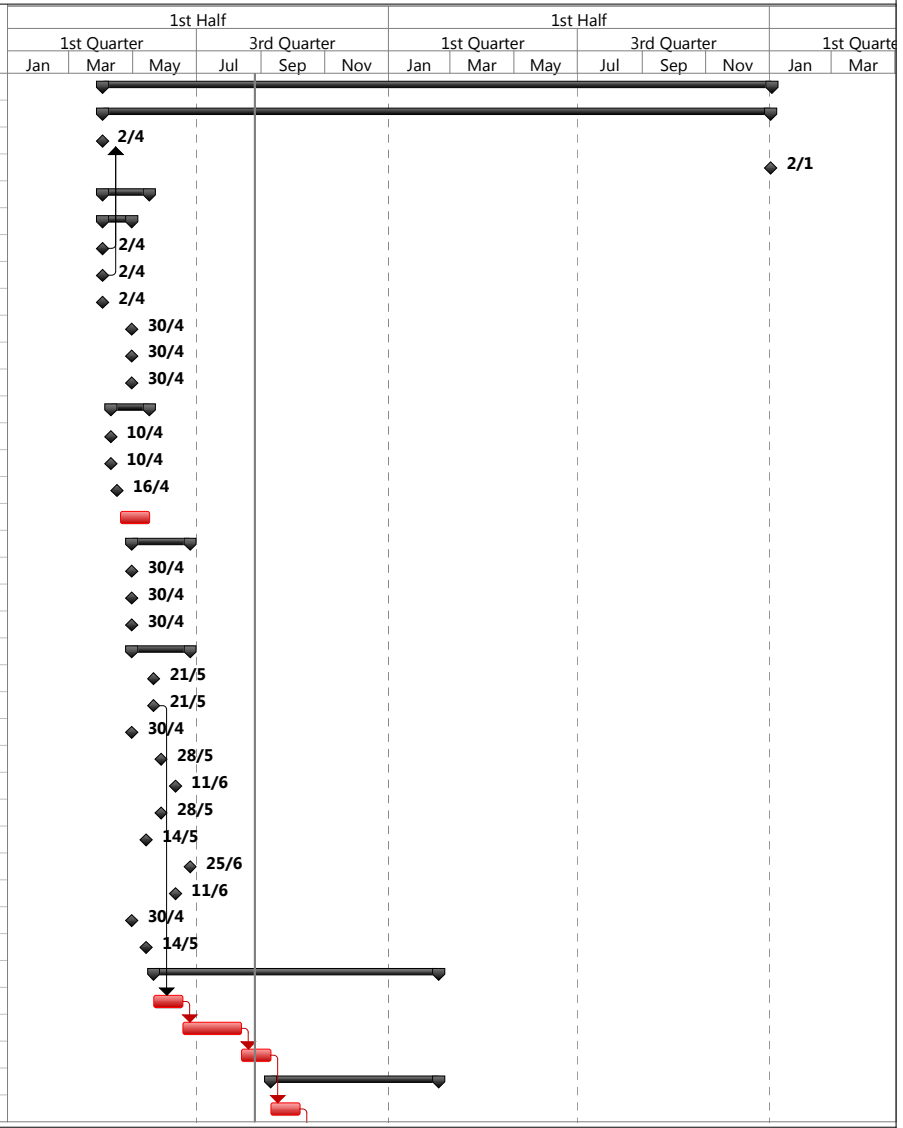
SECTION 4

PROGRAMME

4.1 Overall Programme – (Refer to attached)

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																									

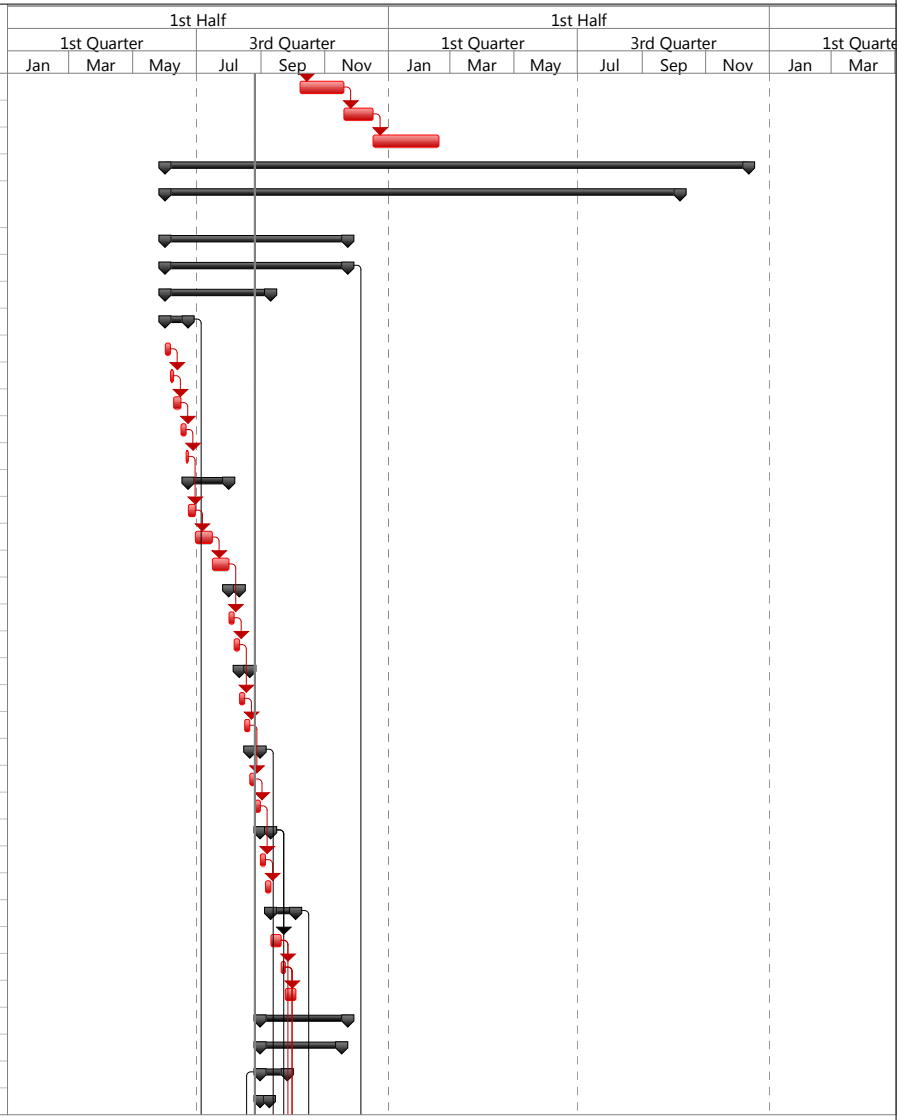
ID	Task Name	Duration	Start	Finish	Predecessors
1	**THE SPRINGSIDE**	**641 d**	**Tue 2/4/13**	**Fri 2/1/15**	
2	**Contract**	**640 d**	**Tue 2/4/13**	**Fri 2/1/15**	
3	Commencement Date	0 d	Tue 2/4/13	Tue 2/4/13	7,8
4	Completion Date	0 d	Fri 2/1/15	Fri 2/1/15	
5	**Key Approvals**	**45 d**	**Tue 2/4/13**	**Thu 16/5/13**	
6	**Authorities Approval for Commencement of Building Works**	**28 d**	**Tue 2/4/13**	**Tue 30/4/13**	
7	MOM - Factory Permit	0 d	Tue 2/4/13	Tue 2/4/13	
8	NEA - Earth Control Measure Approval	0 d	Tue 2/4/13	Tue 2/4/13	
9	BCA/SCDF - Household Shelter	0 d	Tue 2/4/13	Tue 2/4/13	
10	BCA - Structure Commencement Permit	0 d	Tue 30/4/13	Tue 30/4/13	
11	**Authorities Approval**	**0 d**	**Tue 30/4/13**	**Tue 30/4/13**	
12	PUB - Sanitary & Plumbing	0 d	Tue 30/4/13	Tue 30/4/13	
13	**Consultant's Approval**	**37 d**	**Wed 10/4/13**	**Thu 16/5/13**	
14	ADDP - Precomputation Survey Approval	0 d	Wed 10/4/13	Wed 10/4/13	
15	ADDP - Precondition Survey	0 d	Wed 10/4/13	Wed 10/4/13	
16	DEC - Concrete Design Mix Approval	0 d	Tue 16/4/13	Tue 16/4/13	
17	DEC - Concrete Trial Mix Approval	28 d	Fri 19/4/13	Thu 16/5/13	
18	**KEY AWARDS SCHEDULE**	**56 d**	**Tue 30/4/13**	**Tue 25/6/13**	
19	**MEP WORKS**	**0 d**	**Tue 30/4/13**	**Tue 30/4/13**	
20	Supply and Installation of Electrical & ACMV Works	0 d	Tue 30/4/13	Tue 30/4/13	
21	Supply and Installation of Plumbing & Sanitary Works	0 d	Tue 30/4/13	Tue 30/4/13	
22	**ARCHITECTURE WORKS**	**56 d**	**Tue 30/4/13**	**Tue 25/6/13**	
23	Supply and Installation of Aluminium Works	0 d	Tue 21/5/13	Tue 21/5/13	
24	Supply of Marble	0 d	Tue 21/5/13	Tue 21/5/13	
25	Supply of Sanitary Wares	0 d	Tue 30/4/13	Tue 30/4/13	
26	Supply of Tiles	0 d	Tue 28/5/13	Tue 28/5/13	
27	Supply of Ironmogery	0 d	Tue 11/6/13	Tue 11/6/13	
28	Supply and Installation of Roofing System	0 d	Tue 28/5/13	Tue 28/5/13	
29	Supply and Installation of Pipeless Swimming Pool System	0 d	Tue 14/5/13	Tue 14/5/13	
30	Supply and Installation of Timber Flooring	0 d	Tue 25/6/13	Tue 25/6/13	
31	Supply and Installation of Timber Doors	0 d	Tue 11/6/13	Tue 11/6/13	
32	Supply and Installation of HS Doors	0 d	Tue 30/4/13	Tue 30/4/13	
33	Supply and Installation of Waterproofing Works	0 d	Tue 14/5/13	Tue 14/5/13	
34	**MARBLE DRYLAY**	**273 d**	**Tue 21/5/13**	**Mon 17/2/14**	
35	Controlled Sample Approval	28 d	Tue 21/5/13	Mon 17/6/13	24
36	1st Shipment	56 d	Tue 18/6/13	Mon 12/8/13	35
37	Dry lay for Show Houses (3 Units)	28 d	Tue 13/8/13	Mon 9/9/13	36
38	**Dry Lay for 111 Units**	**161 d**	**Tue 10/9/13**	**Mon 17/2/14**	
39	Phase 11A (19 Units)	28 d	Tue 10/9/13	Mon 7/10/13	37



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

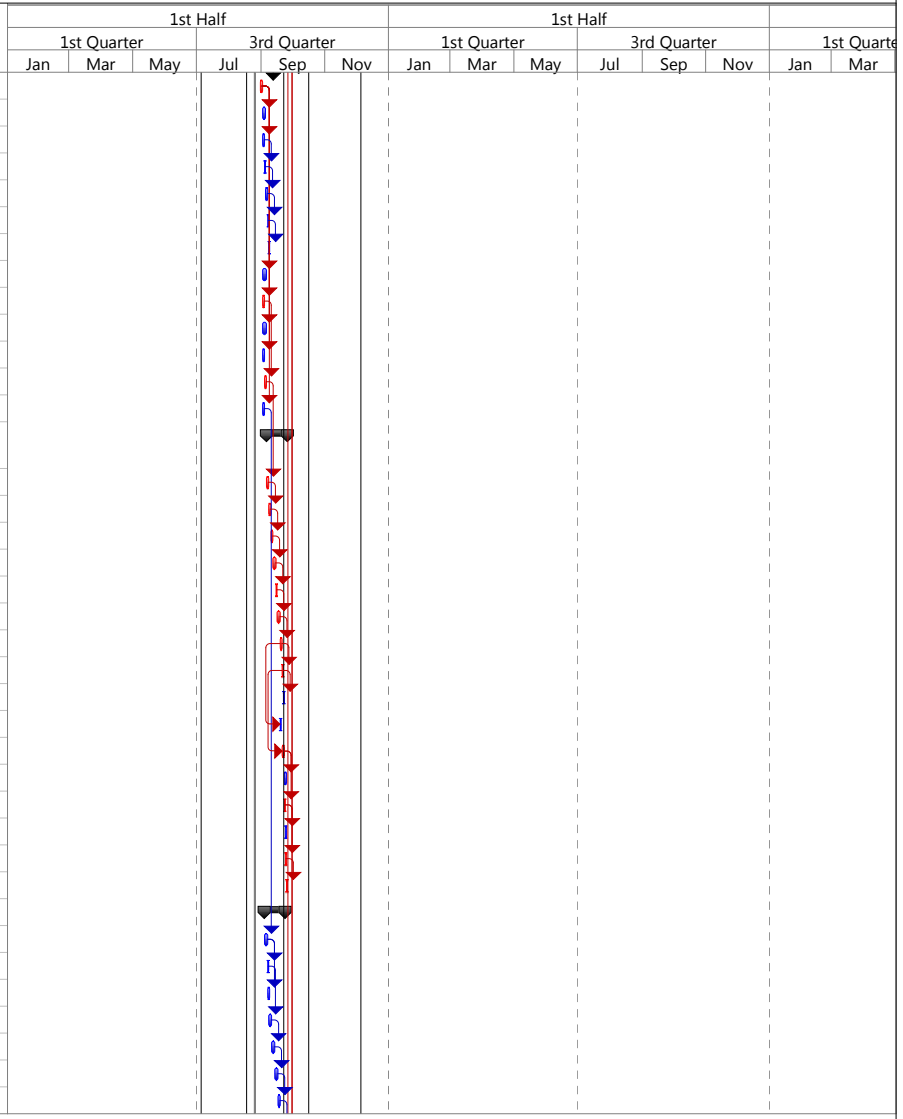
ID	Task Name	Duration	Start	Finish	Predecessors
40	Phase 11B (27 Units)	42 d	Tue 8/10/13	Mon 18/11/13	39
41	Phase 12 (19 Units)	28 d	Tue 19/11/13	Mon 16/12/13	40
42	Phase 13 - (45 Units)	63 d	Tue 17/12/13	Mon 17/2/14	41
43	**CONSTRUCTION PROGRAMME**	**559 d**	**Sat 1/6/13**	**Thu 11/12/14**	
44	**Show Houses Construction (Phase 11A - Zone A Plots 396, 395, 394, 393)**	**493 d**	**Sat 1/6/13**	**Mon 6/10/14**	
45	**Stage 1**	**175 d**	**Sat 1/6/13**	**Fri 22/11/13**	
46	**Phase 11A- Zone A (Plot 396 [TW1], 395, 394)**	**175 d**	**Sat 1/6/13**	**Fri 22/11/13**	
47	**Structure Works**	**101 d**	**Sat 1/6/13**	**Mon 9/9/13**	
48	**Pile cap**	**22 d**	**Sat 1/6/13**	**Sat 22/6/13**	
49	Excavation for Pile Cap	5 d	Sat 1/6/13	Wed 5/6/13	
50	Pile Head Hacking, ECC Taken, Lean Concrete	3 d	Thu 6/6/13	Sat 8/6/13	49
51	Rebar for Pile Cap	7 d	Sun 9/6/13	Sat 15/6/13	50
52	Form work for Pile Cap	5 d	Sun 16/6/13	Thu 20/6/13	51
53	Casting of Pile Cap	2 d	Fri 21/6/13	Sat 22/6/13	52
54	**1st Storey Construction**	**39 d**	**Sun 23/6/13**	**Wed 31/7/13**	
55	Under Ground Pipe work & Encasing	7 d	Sun 23/6/13	Sat 29/6/13	53
56	RC Ground Beam Work & Casting	16 d	Sun 30/6/13	Mon 15/7/13	55
57	1st Storey Slab Construction	16 d	Tue 16/7/13	Wed 31/7/13	56
58	**2nd Storey Construction**	**10 d**	**Thu 1/8/13**	**Sat 10/8/13**	
59	Vertical Member Construction	5 d	Thu 1/8/13	Mon 5/8/13	57
60	Horizontal Member Construction	5 d	Tue 6/8/13	Sat 10/8/13	59
61	**3rd Storey Construction**	**10 d**	**Sun 11/8/13**	**Tue 20/8/13**	
62	Vertical Member Construction	5 d	Sun 11/8/13	Thu 15/8/13	60
63	Horizontal Member Construction	5 d	Fri 16/8/13	Tue 20/8/13	62
64	**Attic Slab & Roof RC Beam Construction**	**10 d**	**Wed 21/8/13**	**Fri 30/8/13**	
65	Vertical Member Construction	5 d	Wed 21/8/13	Sun 25/8/13	63
66	Horizontal Member Construction	5 d	Mon 26/8/13	Fri 30/8/13	65
67	**Roof RC Beam & Slab Construction**	**10 d**	**Sat 31/8/13**	**Mon 9/9/13**	
68	Vertical Member Construction	5 d	Sat 31/8/13	Wed 4/9/13	66
69	Horizontal Member Construction	5 d	Thu 5/9/13	Mon 9/9/13	68
70	**Roof Finishing works**	**24 d**	**Tue 10/9/13**	**Thu 3/10/13**	
71	Roof Metal Underlaid works	10 d	Tue 10/9/13	Thu 19/9/13	67
72	Roof Insulation works	4 d	Fri 20/9/13	Mon 23/9/13	71
73	Roof Tiling works (including Lightening Conductor)	10 d	Tue 24/9/13	Thu 3/10/13	72
74	**Archi, MEP, Roof Finishing Works, Aluminium & External Works**	**84 d**	**Sat 31/8/13**	**Fri 22/11/13**	
75	**Plot No. 396 [TW1]**	**78 d**	**Sat 31/8/13**	**Sat 16/11/13**	
76	**1st Sty. Architectural, MEP Finishing Works**	**26 d**	**Sat 31/8/13**	**Wed 25/9/13**	
77	**Common (Wet Area & Dry Area)**	**9 d**	**Sat 31/8/13**	**Sun 8/9/13**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

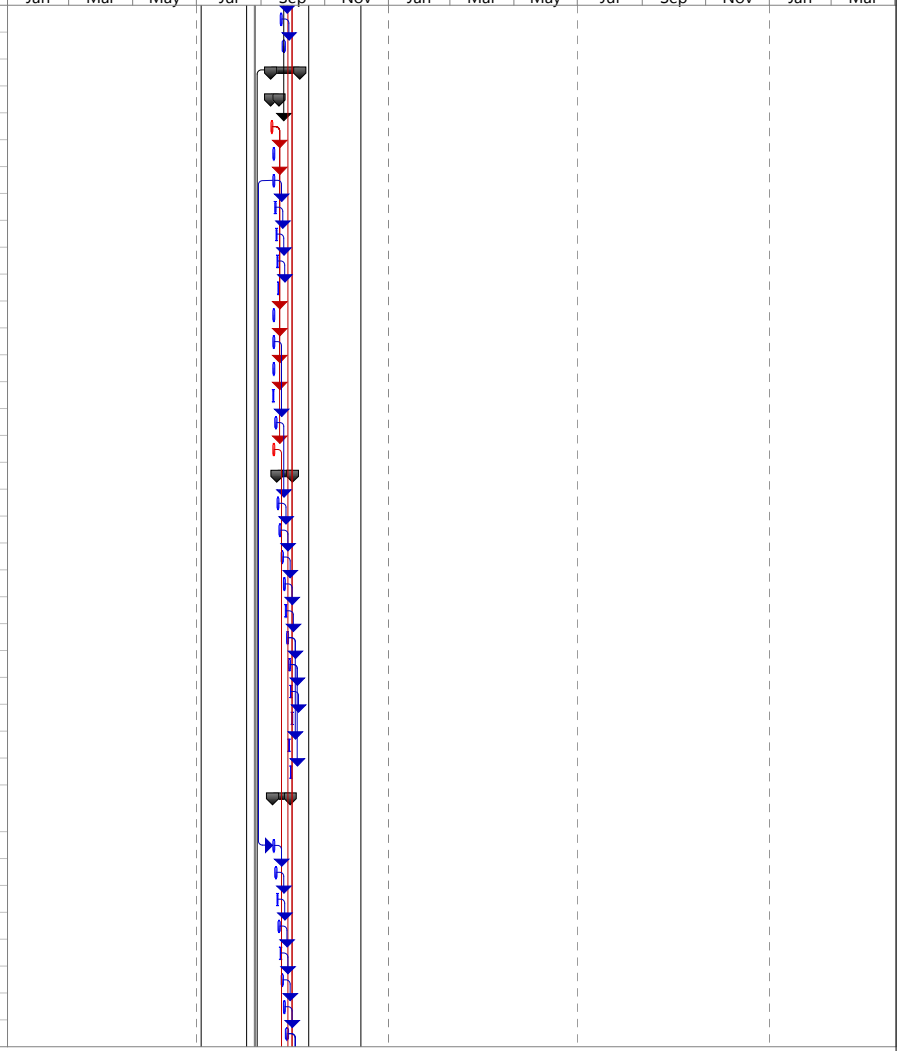
ID	Task Name	Duration	Start	Finish	Predecessors
78	Structural Clearance	2 d	Sat 31/8/13	Sun 1/9/13	64
79	Window Outer Frame Installation	3 d	Mon 2/9/13	Wed 4/9/13	78
80	RC Kerb Construction for Wet Area	2 d	Mon 2/9/13	Tue 3/9/13	78
81	Water Ponding Test	1 d	Wed 4/9/13	Wed 4/9/13	80
82	Water Proofing Application	2 d	Thu 5/9/13	Fri 6/9/13	81
83	Water Proofing Ponding Test	1 d	Sat 7/9/13	Sat 7/9/13	82
84	Protection Screed	1 d	Sun 8/9/13	Sun 8/9/13	83
85	MEP 1st Fix (High Level - above False Ceiling works)	4 d	Mon 2/9/13	Thu 5/9/13	78
86	MEP 1st Fix (Plumbing & Sanitary)	2 d	Mon 2/9/13	Tue 3/9/13	78
87	Cable Pulling	4 d	Mon 2/9/13	Thu 5/9/13	78
88	Ceiling Skim Coat (Car Porch & Yard)	2 d	Mon 2/9/13	Tue 3/9/13	78
89	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Wed 4/9/13	Thu 5/9/13	86
90	Timber Door Sub-Frame	2 d	Mon 2/9/13	Tue 3/9/13	78
91	**Internal Wet Area (Guest Bath, Wet Kitchen, Utility & WC)**	**20 d**	**Fri 6/9/13**	**Wed 25/9/13**	
92	Wall Base Coat	2 d	Fri 6/9/13	Sat 7/9/13	89
93	MEP 2nd Fix & Ceiling Clerance (Internal wiring, Ducted FC	2 d	Sun 8/9/13	Mon 9/9/13	92
94	False Ceiling Grid / Frame Installation works	2 d	Tue 10/9/13	Wed 11/9/13	93
95	Wall Tiling	3 d	Thu 12/9/13	Sat 14/9/13	94
96	Ceiling Board Covering with access panel	1 d	Sun 15/9/13	Sun 15/9/13	95
97	Floor Tiling	3 d	Mon 16/9/13	Wed 18/9/13	96
98	Sanitary Wares Installation (Main items)	2 d	Thu 19/9/13	Fri 20/9/13	97
99	Vanity Cabinet Carcass	1 d	Sat 21/9/13	Sat 21/9/13	98
100	Vanity Top	1 d	Sun 22/9/13	Sun 22/9/13	99
101	Shower Screen, Mirror	1 d	Thu 19/9/13	Thu 19/9/13	98SS
102	Wet Kitchen, Utility Cabinet Carcass	2 d	Sat 21/9/13	Sun 22/9/13	99SS
103	Wet Kitchen, Utility Top	2 d	Mon 23/9/13	Tue 24/9/13	102
104	Wet Kitchen, Utility Sink	1 d	Mon 23/9/13	Mon 23/9/13	102
105	Wet Kitchen Hood and Hob	1 d	Tue 24/9/13	Tue 24/9/13	104
106	Wet Kitchen Cabinet Door & Drawers	1 d	Tue 24/9/13	Tue 24/9/13	104
107	Wet Kitchen Accessories, Sanitary Accessories	1 d	Wed 25/9/13	Wed 25/9/13	106
108	**Dry Area**	**20 d**	**Wed 4/9/13**	**Mon 23/9/13**	
109	Internal Wall Plastering	3 d	Wed 4/9/13	Fri 6/9/13	90
110	Floor Screed (Guest Bed Room)	1 d	Sat 7/9/13	Sat 7/9/13	109
111	MS Railing Installation at Staircase	2 d	Sat 7/9/13	Sun 8/9/13	109
112	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ducted	3 d	Sun 8/9/13	Tue 10/9/13	110
113	Ceiling Frame Installation	3 d	Wed 11/9/13	Fri 13/9/13	112
114	Living, Dining & Dry Kitchen Floor Marble	3 d	Sat 14/9/13	Mon 16/9/13	113
115	Marble Skirting for Living / Dining & Dry Kitchen	2 d	Tue 17/9/13	Wed 18/9/13	114



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

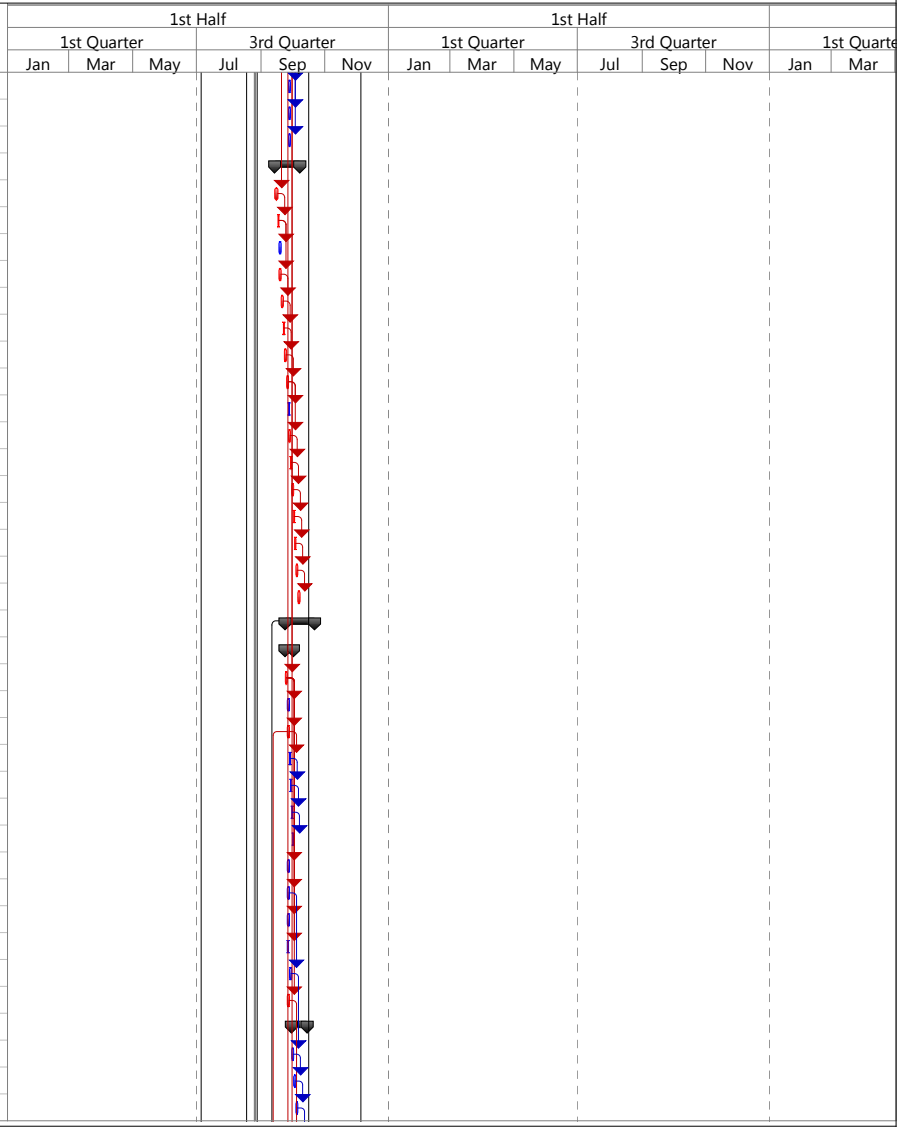
ID	Task Name	Duration	Start	Finish	Predecessors
116	Ceiling Board Covering	2 d	Thu 19/9/13	Fri 20/9/13	115
117	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	3 d	Sat 21/9/13	Mon 23/9/13	116
118	**2nd Sty. Architectural, MEP Finishing Works**	**28 d**	**Tue 10/9/13**	**Mon 7/10/13**	
119	**Common (Wet Area & Dry Area)**	**8 d**	**Tue 10/9/13**	**Tue 17/9/13**	
120	Structural Clearance	2 d	Tue 10/9/13	Wed 11/9/13	67
121	Window & Bay Window Outer Frame Installation	2 d	Thu 12/9/13	Fri 13/9/13	120
122	RC Kerb Construction for Wet Area	2 d	Thu 12/9/13	Fri 13/9/13	120
123	Water Ponding Test	1 d	Sat 14/9/13	Sat 14/9/13	122
124	Water Proofing Application	1 d	Sun 15/9/13	Sun 15/9/13	123
125	Water Proofing Ponding Test	1 d	Mon 16/9/13	Mon 16/9/13	124
126	Protection Screed	1 d	Tue 17/9/13	Tue 17/9/13	125
127	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Thu 12/9/13	Fri 13/9/13	120
128	MEP 1st Fix (Plumbing & Sanitary)	2 d	Thu 12/9/13	Fri 13/9/13	120
129	Cable Pulling	2 d	Thu 12/9/13	Fri 13/9/13	120
130	Ceiling Skim Coat (Hallway)	1 d	Thu 12/9/13	Thu 12/9/13	120
131	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Sat 14/9/13	Sun 15/9/13	128
132	Timber Door Sub-Frame	2 d	Thu 12/9/13	Fri 13/9/13	120
133	**Internal Wet Area (Master Bath, Bath 1)**	**15 d**	**Mon 16/9/13**	**Mon 30/9/13**	
134	Wall Base Coat	2 d	Mon 16/9/13	Tue 17/9/13	131
135	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Wed 18/9/13	Thu 19/9/13	134
136	False Ceiling Grid / Frame Installation works	2 d	Fri 20/9/13	Sat 21/9/13	135
137	Wall Tiling	2 d	Sun 22/9/13	Mon 23/9/13	136
138	Ceiling Board Covering with access panel	1 d	Tue 24/9/13	Tue 24/9/13	137
139	Floor marble / Tiling	2 d	Wed 25/9/13	Thu 26/9/13	138
140	Sanitary Wares Installation (Main items)	2 d	Fri 27/9/13	Sat 28/9/13	139
141	Vanity Cabinet Carcass	1 d	Sun 29/9/13	Sun 29/9/13	140
142	Vanity Top	1 d	Mon 30/9/13	Mon 30/9/13	141
143	Shower Screen, Mirror	1 d	Fri 27/9/13	Fri 27/9/13	139
144	Sanitary Accessories	1 d	Sun 29/9/13	Sun 29/9/13	140
145	**External Wet Area (RC Flat Roof, Open Terrace, AC Ledge)**	**17 d**	**Thu 12/9/13**	**Sat 28/9/13**	
146	RC Kerb Construction	2 d	Thu 12/9/13	Fri 13/9/13	122SS
147	External Wall Plastering	2 d	Sat 14/9/13	Sun 15/9/13	146
148	Water Ponding Test	1 d	Mon 16/9/13	Mon 16/9/13	147
149	Water Proofing Application	2 d	Tue 17/9/13	Wed 18/9/13	148
150	Water Proofing Ponding Test	1 d	Thu 19/9/13	Thu 19/9/13	149
151	Protection Screed	2 d	Fri 20/9/13	Sat 21/9/13	150
152	Open Terrace MS Railing Installation	2 d	Sun 22/9/13	Mon 23/9/13	151
153	Floor Tile work	3 d	Tue 24/9/13	Thu 26/9/13	152



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

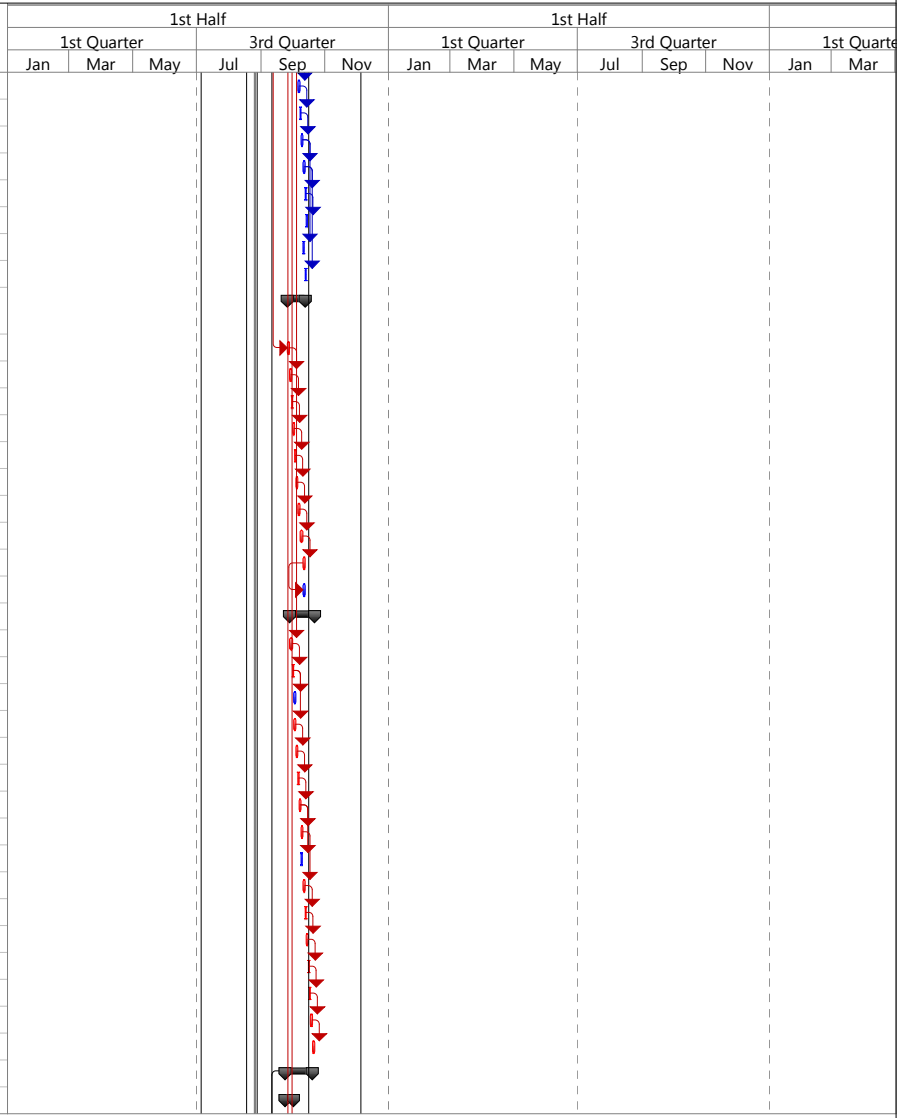
ID	Task Name	Duration	Start	Finish	Predecessors
154	Skirting work	2 d	Fri 27/9/13	Sat 28/9/13	153
155	Aluminium Trellis Screen at AC Ledge	2 d	Fri 27/9/13	Sat 28/9/13	153
156	Aluminium Framed Laminated Tinted Glass Sky Light Work	2 d	Fri 27/9/13	Sat 28/9/13	153
157	**Dry Area**	**24 d**	**Sat 14/9/13**	**Mon 7/10/13**	
158	Internal Wall Plastering	3 d	Sat 14/9/13	Mon 16/9/13	132
159	Floor Screed (Master Bed, Bed 1& Hallway)	1 d	Tue 17/9/13	Tue 17/9/13	158
160	MS Railing Installation at Staircase & Hallway	2 d	Wed 18/9/13	Thu 19/9/13	159
161	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Wed 18/9/13	Thu 19/9/13	159
162	Ceiling Frame Installation	2 d	Fri 20/9/13	Sat 21/9/13	161
163	Ceiling Board Covering	1 d	Sun 22/9/13	Sun 22/9/13	162
164	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Mon 23/9/13	Tue 24/9/13	163
165	Window inner frame & Glazing Work	2 d	Wed 25/9/13	Thu 26/9/13	164
166	MS Railing Installation at Window	1 d	Fri 27/9/13	Fri 27/9/13	165
167	Parquet Flooring work - Master Bed, Bed 1 & Hallway	2 d	Fri 27/9/13	Sat 28/9/13	165
168	Timber Skirting	1 d	Sun 29/9/13	Sun 29/9/13	167
169	1st Sanding - Parquet Floor	2 d	Mon 30/9/13	Tue 1/10/13	168
170	2nd Sanding - Parquet Floor	1 d	Wed 2/10/13	Wed 2/10/13	169
171	1st Coat Varnishing - Parquet Floor	1 d	Thu 3/10/13	Thu 3/10/13	170
172	Timber Door Panel, Aluminium Glass Sliding Door and Iron	2 d	Fri 4/10/13	Sat 5/10/13	171
173	MEP Final Fix	2 d	Sun 6/10/13	Mon 7/10/13	172
174	**3rd Sty. Architectural, MEP Finishing Works**	**28 d**	**Tue 24/9/13**	**Mon 21/10/13**	
175	**Common (Wet Area & Dry Area)**	**8 d**	**Tue 24/9/13**	**Tue 1/10/13**	
176	Structural Clearance	2 d	Tue 24/9/13	Wed 25/9/13	72
177	Window & Bay Window Outer Frame Installation	2 d	Thu 26/9/13	Fri 27/9/13	176
178	RC Kerb Construction for Wet Area	2 d	Thu 26/9/13	Fri 27/9/13	176
179	Water Ponding Test	1 d	Sat 28/9/13	Sat 28/9/13	178
180	Water Proofing Application	1 d	Sun 29/9/13	Sun 29/9/13	179
181	Water Proofing Ponding Test	1 d	Mon 30/9/13	Mon 30/9/13	180
182	Protection Screed	1 d	Tue 1/10/13	Tue 1/10/13	181
183	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Thu 26/9/13	Fri 27/9/13	176
184	MEP 1st Fix (Plumbing & Sanitary)	2 d	Thu 26/9/13	Fri 27/9/13	176
185	Cable Pulling	2 d	Thu 26/9/13	Fri 27/9/13	176
186	Ceiling Skim Coat (Hallway)	1 d	Thu 26/9/13	Thu 26/9/13	176
187	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Sat 28/9/13	Sun 29/9/13	184
188	Timber Door Sub-Frame	2 d	Thu 26/9/13	Fri 27/9/13	176
189	**Internal Wet Area (Bath 2 & Bath 3)**	**15 d**	**Mon 30/9/13**	**Mon 14/10/13**	
190	Wall Base Coat	2 d	Mon 30/9/13	Tue 1/10/13	187
191	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Wed 2/10/13	Thu 3/10/13	190
192	False Ceiling Grid / Frame Installation works	2 d	Fri 4/10/13	Sat 5/10/13	191



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

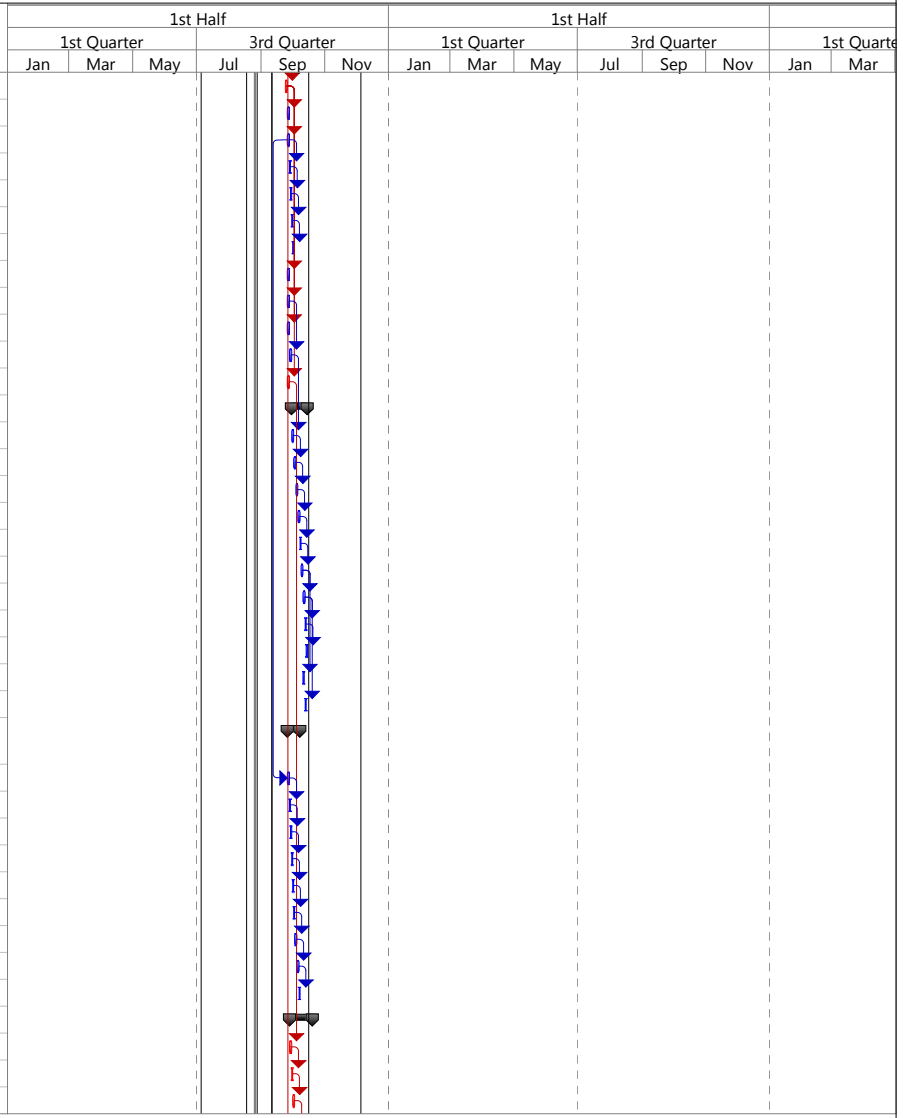
ID	Task Name	Duration	Start	Finish	Predecessors
193	Wall Marble / Tiling	2 d	Sun 6/10/13	Mon 7/10/13	192
194	Ceiling Board Covering with access panel	1 d	Tue 8/10/13	Tue 8/10/13	193
195	Floor marble / Tiling	2 d	Wed 9/10/13	Thu 10/10/13	194
196	Sanitary Wares Installation (Main items)	2 d	Fri 11/10/13	Sat 12/10/13	195
197	Vanity Cabinet Carcass	1 d	Sun 13/10/13	Sun 13/10/13	196
198	Vanity Top	1 d	Mon 14/10/13	Mon 14/10/13	197
199	Shower Screen, Mirror	1 d	Fri 11/10/13	Fri 11/10/13	195
200	Sanitary Accessories	1 d	Sun 13/10/13	Sun 13/10/13	196
201	**External Wet Area (Open Terrace, RC Flat Roof, AC Ledge)**	**17 d**	**Thu 26/9/13**	**Sat 12/10/13**	
202	RC Kerb Construction	2 d	Thu 26/9/13	Fri 27/9/13	178SS
203	External Wall Plastering	2 d	Sat 28/9/13	Sun 29/9/13	202
204	Water Ponding Test	1 d	Mon 30/9/13	Mon 30/9/13	203
205	Water Proofing Application	2 d	Tue 1/10/13	Wed 2/10/13	204
206	Water Proofing Ponding Test	1 d	Thu 3/10/13	Thu 3/10/13	205
207	Protection Screed	2 d	Fri 4/10/13	Sat 5/10/13	206
208	Open Terrace MS Railing Installation	2 d	Sun 6/10/13	Mon 7/10/13	207
209	Floor Tile work	3 d	Tue 8/10/13	Thu 10/10/13	208
210	Skirting work	2 d	Fri 11/10/13	Sat 12/10/13	209
211	Aluminium Trellis Screen at AC Ledge	2 d	Fri 11/10/13	Sat 12/10/13	210SS
212	**Dry Area**	**24 d**	**Sat 28/9/13**	**Mon 21/10/13**	
213	Internal Wall Plastering	3 d	Sat 28/9/13	Mon 30/9/13	188
214	Floor Screed (Bed 2, Bed 3& Hallway)	1 d	Tue 1/10/13	Tue 1/10/13	213
215	MS Railing Installation at Staircase & Hallway	2 d	Wed 2/10/13	Thu 3/10/13	214
216	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Wed 2/10/13	Thu 3/10/13	214
217	Ceiling Frame Installation	2 d	Fri 4/10/13	Sat 5/10/13	216
218	Ceiling Board Covering	1 d	Sun 6/10/13	Sun 6/10/13	217
219	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Mon 7/10/13	Tue 8/10/13	218
220	Window inner frame & Glazing Work	2 d	Wed 9/10/13	Thu 10/10/13	219
221	MS Railing Installation at Window	1 d	Wed 9/10/13	Wed 9/10/13	219
222	Parquet Flooring work - Bed 2, Bed 3 & Hallway	2 d	Fri 11/10/13	Sat 12/10/13	220
223	Timber Skirting	1 d	Sun 13/10/13	Sun 13/10/13	222
224	1st Sanding - Parquet Floor	2 d	Mon 14/10/13	Tue 15/10/13	223
225	2nd Sanding - Parquet Floor	1 d	Wed 16/10/13	Wed 16/10/13	224
226	1st Coat Varnishing - Parquet Floor	1 d	Thu 17/10/13	Thu 17/10/13	225
227	Timber Door Panel, Aluminium Glass Sliding Door and Iron	2 d	Fri 18/10/13	Sat 19/10/13	226
228	MEP Final Fix	2 d	Sun 20/10/13	Mon 21/10/13	227
229	**Attic & Roof Architectural, MEP Finishing Works**	**26 d**	**Tue 24/9/13**	**Sat 19/10/13**	
230	**Common (Wet Area & Dry Area)**	**8 d**	**Tue 24/9/13**	**Tue 1/10/13**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

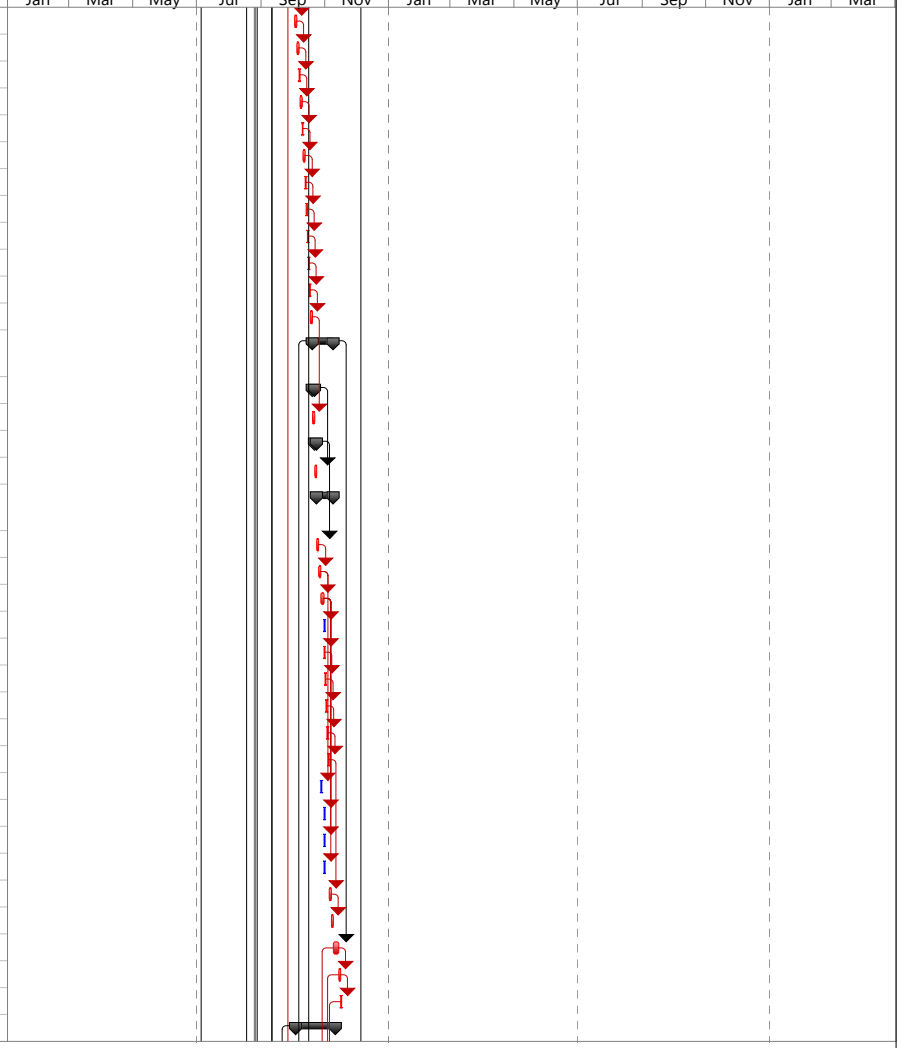
ID	Task Name	Duration	Start	Finish	Predecessors
231	Structural Clearance	2 d	Tue 24/9/13	Wed 25/9/13	72
232	Window & Bay Window Outer Frame Installation	2 d	Thu 26/9/13	Fri 27/9/13	231
233	RC Kerb Construction for Wet Area	2 d	Thu 26/9/13	Fri 27/9/13	231
234	Water Ponding Test	1 d	Sat 28/9/13	Sat 28/9/13	233
235	Water Proofing Application	1 d	Sun 29/9/13	Sun 29/9/13	234
236	Water Proofing Ponding Test	1 d	Mon 30/9/13	Mon 30/9/13	235
237	Protection Screed	1 d	Tue 1/10/13	Tue 1/10/13	236
238	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Thu 26/9/13	Fri 27/9/13	231
239	MEP 1st Fix (Plumbing & Sanitary)	2 d	Thu 26/9/13	Fri 27/9/13	231
240	Cable Pulling	2 d	Thu 26/9/13	Fri 27/9/13	231
241	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Sat 28/9/13	Sun 29/9/13	239
242	Timber Door Sub-Frame	2 d	Thu 26/9/13	Fri 27/9/13	231
243	**Internal Wet Area**	**15 d**	**Mon 30/9/13**	**Mon 14/10/13**	
244	Wall Base Coat	2 d	Mon 30/9/13	Tue 1/10/13	241
245	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ducte	2 d	Wed 2/10/13	Thu 3/10/13	244
246	False Ceiling Grid / Frame Installation works	2 d	Fri 4/10/13	Sat 5/10/13	245
247	Wall Marble / Tiling	2 d	Sun 6/10/13	Mon 7/10/13	246
248	Ceiling Board Covering with access panel	1 d	Tue 8/10/13	Tue 8/10/13	247
249	Floor marble / Tiling	2 d	Wed 9/10/13	Thu 10/10/13	248
250	Sanitary Wares Installation (Main items)	2 d	Fri 11/10/13	Sat 12/10/13	249
251	Vanity Cabinet Carcass	1 d	Sun 13/10/13	Sun 13/10/13	250
252	Vanity Top	1 d	Mon 14/10/13	Mon 14/10/13	251
253	Shower Screen, Mirror	1 d	Fri 11/10/13	Fri 11/10/13	249
254	Sanitary Accessories	1 d	Sun 13/10/13	Sun 13/10/13	250
255	**External Wet Area (Roof Terrace, Planter, RC Ledge & RC Roof)**	**12 d**	**Thu 26/9/13**	**Mon 7/10/13**	
256	RC Kerb Construction	2 d	Thu 26/9/13	Fri 27/9/13	233SS
257	External Wall Plastering	1 d	Sat 28/9/13	Sat 28/9/13	256
258	Water Ponding Test	1 d	Sun 29/9/13	Sun 29/9/13	257
259	Water Proofing Application	1 d	Mon 30/9/13	Mon 30/9/13	258
260	Water Proofing Ponding Test	1 d	Tue 1/10/13	Tue 1/10/13	259
261	Protection Screed	1 d	Wed 2/10/13	Wed 2/10/13	260
262	Open Terrace MS Railing Installation	2 d	Thu 3/10/13	Fri 4/10/13	261
263	Floor Tile work	2 d	Sat 5/10/13	Sun 6/10/13	262
264	Skirting work	1 d	Mon 7/10/13	Mon 7/10/13	263
265	**Dry Area**	**22 d**	**Sat 28/9/13**	**Sat 19/10/13**	
266	Internal Wall Plastering	2 d	Sat 28/9/13	Sun 29/9/13	242
267	Floor Screed	1 d	Mon 30/9/13	Mon 30/9/13	266
268	MS Railing Installation at Hallway	2 d	Tue 1/10/13	Wed 2/10/13	267



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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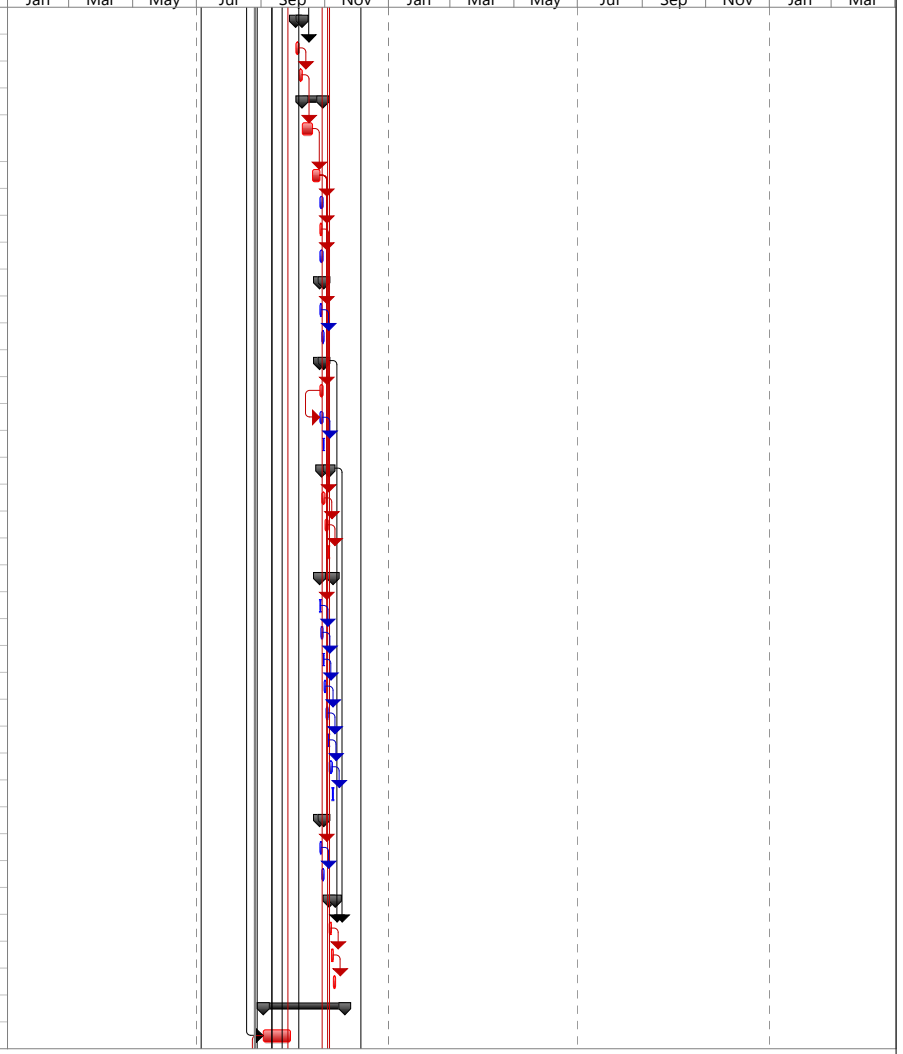
ID	Task Name	Duration	Start	Finish	Predecessors
269	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Thu 3/10/13	Fri 4/10/13	268
270	Ceiling Frame Installation	2 d	Sat 5/10/13	Sun 6/10/13	269
271	Ceiling Board Covering	1 d	Mon 7/10/13	Mon 7/10/13	270
272	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Tue 8/10/13	Wed 9/10/13	271
273	Window inner frame & Glazing Work	1 d	Thu 10/10/13	Thu 10/10/13	272
274	Parquet Flooring work - Bed 4 & Hallways	2 d	Fri 11/10/13	Sat 12/10/13	273
275	Timber Skirting	1 d	Sun 13/10/13	Sun 13/10/13	274
276	1st Sanding - Parquet Floor	1 d	Mon 14/10/13	Mon 14/10/13	275
277	2nd Sanding - Parquet Floor	1 d	Tue 15/10/13	Tue 15/10/13	276
278	1st Coat Varnishing - Parquet Floor	1 d	Wed 16/10/13	Wed 16/10/13	277
279	Timber Door Panel, Aluminium Glass Swing Door and Ironr	1 d	Thu 17/10/13	Thu 17/10/13	278
280	MEP Final Fix	2 d	Fri 18/10/13	Sat 19/10/13	279
281	**Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom Floor Finishing Works**	**20 d**	**Sun 20/10/13**	**Fri 8/11/13**	
282	**3rd Sty. Hallway & Staircase**	**2 d**	**Sun 20/10/13**	**Mon 21/10/13**	
283	Staircase Tread with Teak Wood Finish	2 d	Sun 20/10/13	Mon 21/10/13	280
284	**2nd Sty. Hallway & Staircase**	**2 d**	**Tue 22/10/13**	**Wed 23/10/13**	
285	Staircase Tread with Teak Wood Finish	2 d	Tue 22/10/13	Wed 23/10/13	282
286	**1st Sty. Staircase, Living, Dining, Dry Kitchen & Guest Bed Room**	**16 d**	**Thu 24/10/13**	**Fri 8/11/13**	
287	Staircase Tread with Teak Wood Finish	2 d	Thu 24/10/13	Fri 25/10/13	284
288	Marble Polishing and Protection	2 d	Sat 26/10/13	Sun 27/10/13	287
289	Window inner frame & Glazing Work	3 d	Mon 28/10/13	Wed 30/10/13	288
290	Aluminium Framed Glass Screen Wall	1 d	Thu 31/10/13	Thu 31/10/13	289
291	Parquet Flooring work - Guest Room	1 d	Thu 31/10/13	Thu 31/10/13	289
292	Timber Skirting	1 d	Fri 1/11/13	Fri 1/11/13	291
293	1st Sanding - Parquet Floor	1 d	Sat 2/11/13	Sat 2/11/13	292
294	2nd Sanding - Parquet Floor	1 d	Sun 3/11/13	Sun 3/11/13	293
295	1st Coat Varnishing - Parquet Floor	1 d	Mon 4/11/13	Mon 4/11/13	294
296	Dry Kitchen Cabinet Carcass Install	1 d	Mon 28/10/13	Mon 28/10/13	288
297	Dry Kitchen Top	1 d	Thu 31/10/13	Thu 31/10/13	289
298	Dry Kitchen Sink	1 d	Thu 31/10/13	Thu 31/10/13	289
299	Dry Kitchen Cabinet Drawers & Doors	1 d	Thu 31/10/13	Thu 31/10/13	289
300	Timber Door Panel, Aluminium Glass Sliding Door and Iron	2 d	Tue 5/11/13	Wed 6/11/13	295
301	MEP Final Fix	2 d	Thu 7/11/13	Fri 8/11/13	300
302	Internal Final Painting	5 d	Sat 9/11/13	Wed 13/11/13	281
303	Final Varnishing	2 d	Thu 14/11/13	Fri 15/11/13	302
304	Marble Puffing	1 d	Sat 16/11/13	Sat 16/11/13	303
305	**External Works**	**38 d**	**Fri 4/10/13**	**Sun 10/11/13**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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Rolled Up Task	External Tasks	Inactive Summary	Start-only	

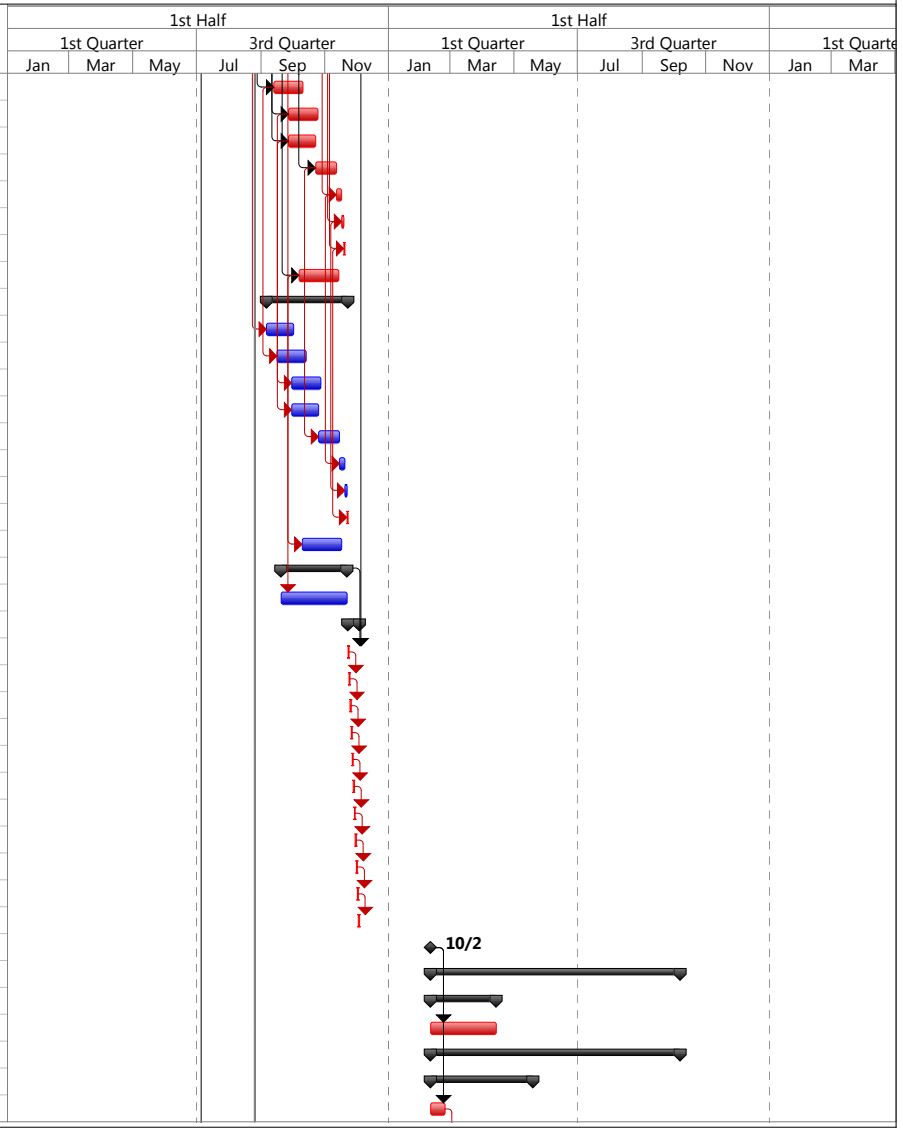
ID	Task Name	Duration	Start	Finish	Predecessors
306	**External Wall Finishing Works**	**6 d**	**Fri 4/10/13**	**Wed 9/10/13**	
307	External Wall Plastering	3 d	Fri 4/10/13	Sun 6/10/13	70
308	External Wall Painting	3 d	Mon 7/10/13	Wed 9/10/13	307
309	**Boundary Wall Construction**	**20 d**	**Thu 10/10/13**	**Tue 29/10/13**	
310	Boundary Wall Construction (including rebar, Form work & Casting)	10 d	Thu 10/10/13	Sat 19/10/13	308
311	Plastering for Boundary wall	7 d	Sun 20/10/13	Sat 26/10/13	310
312	Metre Compartment Finishings works	3 d	Sun 27/10/13	Tue 29/10/13	311
313	Main Gate & Wicket Gate Fixing & Finishing	2 d	Sun 27/10/13	Mon 28/10/13	311
314	Primary, Secondary & Final Painting to Wall & Gates	3 d	Sun 27/10/13	Tue 29/10/13	311
315	**Back Yard Construction**	**4 d**	**Sun 27/10/13**	**Wed 30/10/13**	
316	Levelling, Lean Concrete, RC Slab	2 d	Sun 27/10/13	Mon 28/10/13	311
317	Tile Laying with Skirting	2 d	Tue 29/10/13	Wed 30/10/13	316
318	**Surface Drain Work, Sump Construction**	**4 d**	**Sun 27/10/13**	**Wed 30/10/13**	
319	Excavation for Precast Sump & Open Drain	3 d	Sun 27/10/13	Tue 29/10/13	311
320	Erection of Precast Sump & Open Drain	3 d	Sun 27/10/13	Tue 29/10/13	319SS
321	Laying of PVC Cover	1 d	Wed 30/10/13	Wed 30/10/13	320
322	**Car Porch Finishing works**	**7 d**	**Tue 29/10/13**	**Mon 4/11/13**	
323	General Floor Tile	3 d	Tue 29/10/13	Thu 31/10/13	313
324	Accent Floor Tile	3 d	Fri 1/11/13	Sun 3/11/13	323
325	Skirting Tile	1 d	Mon 4/11/13	Mon 4/11/13	324
326	**Swimming Pool Finishing works**	**13 d**	**Sun 27/10/13**	**Fri 8/11/13**	
327	Swimming Pool Water Ponding Test	1 d	Sun 27/10/13	Sun 27/10/13	311
328	Swimming Pool Water Proofing Application	2 d	Mon 28/10/13	Tue 29/10/13	327
329	Swimming Pool Water Proofing Ponding Test	1 d	Wed 30/10/13	Wed 30/10/13	328
330	Protection Screed	2 d	Thu 31/10/13	Fri 1/11/13	329
331	Swimming Pool Base & Wall - Base Coat Plastering	2 d	Sat 2/11/13	Sun 3/11/13	330
332	Equipment Installation	1 d	Mon 4/11/13	Mon 4/11/13	331
333	Wall & Base Tiling works	3 d	Tue 5/11/13	Thu 7/11/13	332
334	Testing & Commissioning	1 d	Fri 8/11/13	Fri 8/11/13	333
335	**Composite Decking Finishing works**	**4 d**	**Sun 27/10/13**	**Wed 30/10/13**	
336	Levelling, Lean Concrete, RC Slab	2 d	Sun 27/10/13	Mon 28/10/13	311
337	Composite Timber Fixing	2 d	Tue 29/10/13	Wed 30/10/13	336
338	**Turfing Works**	**6 d**	**Tue 5/11/13**	**Sun 10/11/13**	
339	Earth Levelling	2 d	Tue 5/11/13	Wed 6/11/13	318,322
340	Spread Fertilised Soil	2 d	Thu 7/11/13	Fri 8/11/13	339
341	Planting Grass	2 d	Sat 9/11/13	Sun 10/11/13	340
342	**Plot No. 395 [TW]**	**78 d**	**Tue 3/9/13**	**Tue 19/11/13**	
343	1st Sty. Architectural, MEP Finishing Works	26 d	Tue 3/9/13	Sat 28/9/13	76SS+3 d



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

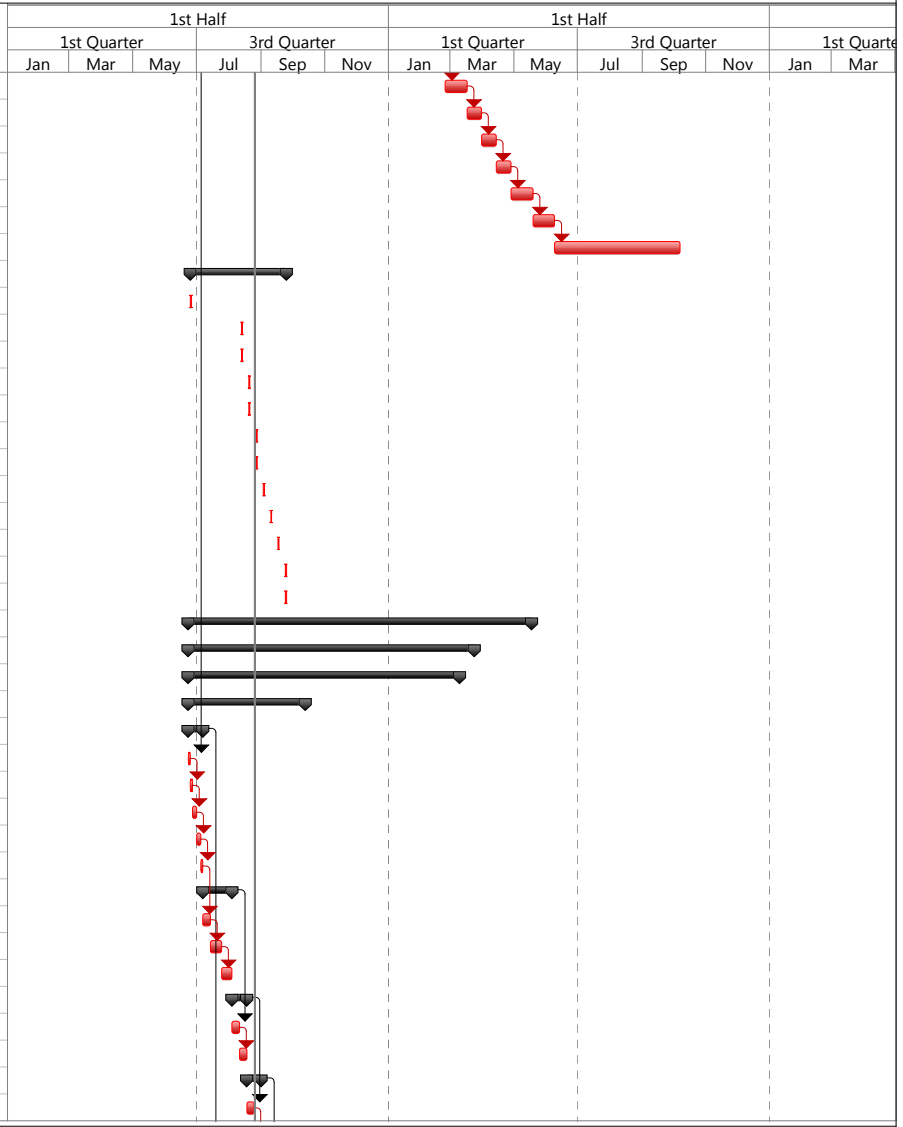
ID	Task Name	Duration	Start	Finish	Predecessors
344	2nd Sty. Architectural, MEP Finishing Works	28 d	Fri 13/9/13	Thu 10/10/13	118SS+3 d
345	3rd Sty. Architectural, MEP Finishing Works	28 d	Fri 27/9/13	Thu 24/10/13	174SS+3 d
346	Attic & Roof Architectural, MEP Finishing Works	26 d	Fri 27/9/13	Tue 22/10/13	229SS+3 d
347	Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom	20 d	Wed 23/10/13	Mon 11/11/13	281SS+3 d
348	Internal Final Painting	5 d	Tue 12/11/13	Sat 16/11/13	302SS+3 d
349	Final Varnishing	2 d	Sun 17/11/13	Mon 18/11/13	303SS+3 d
350	Marble Puffing	1 d	Tue 19/11/13	Tue 19/11/13	304SS+3 d
351	External Works	38 d	Mon 7/10/13	Wed 13/11/13	305SS+3 d
352	**Plot No. 394 [TW]**	**78 d**	**Fri 6/9/13**	**Fri 22/11/13**	
353	1st Sty. Architectural, MEP Finishing Works	26 d	Fri 6/9/13	Tue 1/10/13	343SS+3 d
354	2nd Sty. Architectural, MEP Finishing Works	28 d	Mon 16/9/13	Sun 13/10/13	344SS+3 d
355	3rd Sty. Architectural, MEP Finishing Works	28 d	Mon 30/9/13	Sun 27/10/13	345SS+3 d
356	Attic & Roof Architectural, MEP Finishing Works	26 d	Mon 30/9/13	Fri 25/10/13	346SS+3 d
357	Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom	20 d	Sat 26/10/13	Thu 14/11/13	347SS+3 d
358	Internal Final Painting	5 d	Fri 15/11/13	Tue 19/11/13	348SS+3 d
359	Final Varnishing	2 d	Wed 20/11/13	Thu 21/11/13	349SS+3 d
360	Marble Puffing	1 d	Fri 22/11/13	Fri 22/11/13	350SS+3 d
361	External Works	38 d	Thu 10/10/13	Sat 16/11/13	351SS+3 d
362	**Phase 11B - Zone AA (Plots 397 [TW1], 398, 399, 400)**	**63 d**	**Fri 20/9/13**	**Thu 21/11/13**	
363	Show Houses Car Parking Area	63 d	Fri 20/9/13	Thu 21/11/13	71
364	**Stage 2: RI & Partial TOP & Handing Over for Sale and Purchase**	**11 d**	**Sat 23/11/13**	**Tue 3/12/13**	
365	M & E testing & Commissioning	1 d	Sat 23/11/13	Sat 23/11/13	46,362
366	M & E RI Pre-Inspection	1 d	Sun 24/11/13	Sun 24/11/13	365
367	M & E rectification works	1 d	Mon 25/11/13	Mon 25/11/13	366
368	M & E RI Final Inspection	1 d	Tue 26/11/13	Tue 26/11/13	367
369	Architectural RI Pre-Inspection	1 d	Wed 27/11/13	Wed 27/11/13	368
370	Architectural rectification works	1 d	Thu 28/11/13	Thu 28/11/13	369
371	Architectural RI Final Inspection	1 d	Fri 29/11/13	Fri 29/11/13	370
372	BCA Inspection	1 d	Sat 30/11/13	Sat 30/11/13	371
373	Rectification works	1 d	Sun 1/12/13	Sun 1/12/13	372
374	BCA Final Inspection	1 d	Mon 2/12/13	Mon 2/12/13	373
375	Obtain Partial TOP	1 d	Tue 3/12/13	Tue 3/12/13	374
376	Stage 3: Takeover for Reconditioning and Construction	0 d	Mon 10/2/14	Mon 10/2/14	
377	**Stage 4: Permanent Construction**	**239 d**	**Mon 10/2/14**	**Mon 6/10/14**	
378	**Phase 11A - Zone A (Plot 396 [TW1], 395, 394)**	**63 d**	**Mon 10/2/14**	**Sun 13/4/14**	
379	Re-Conditioning Works	63 d	Mon 10/2/14	Sun 13/4/14	376
380	**Phase 11B - Zone AA (Plots 397 [TW1], 398, 399, 400)**	**239 d**	**Mon 10/2/14**	**Mon 6/10/14**	
381	**Structure Works**	**98 d**	**Mon 10/2/14**	**Sun 18/5/14**	
382	Pile cap	14 d	Mon 10/2/14	Sun 23/2/14	376



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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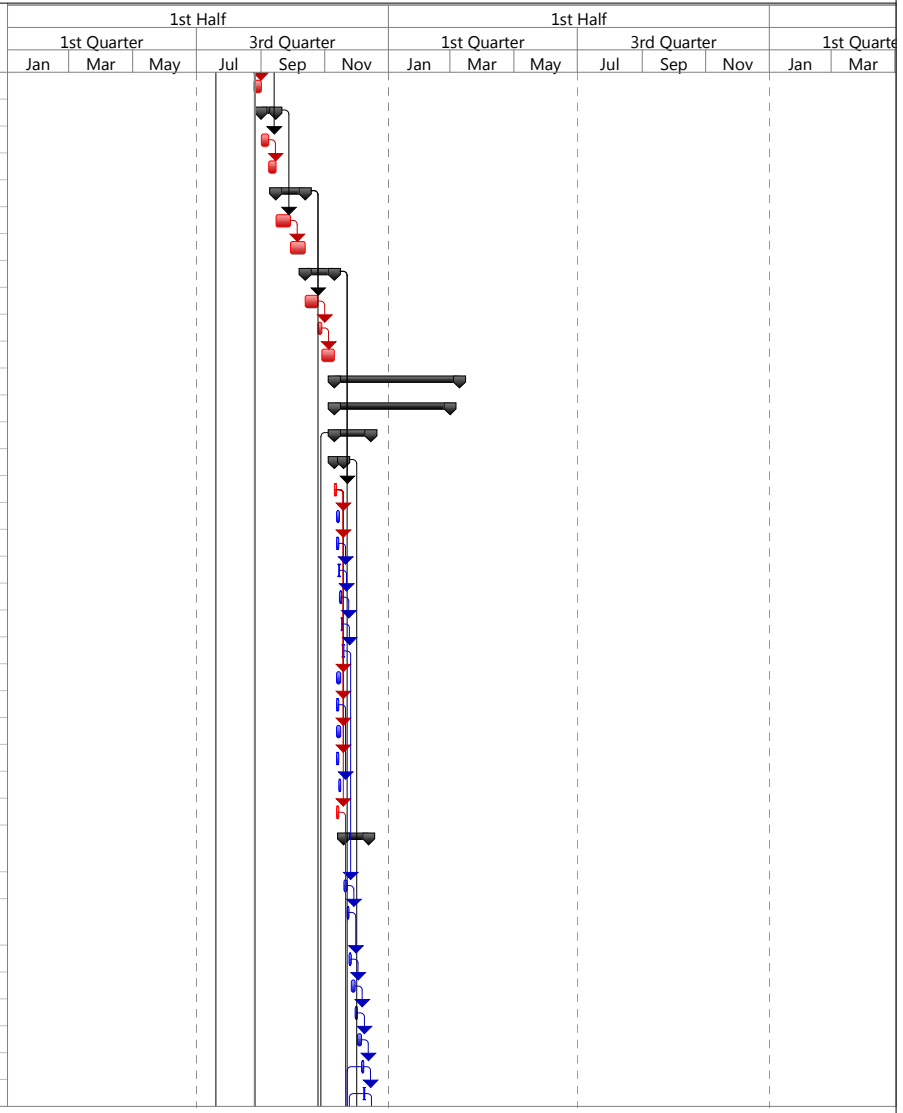
ID	Task Name	Duration	Start	Finish	Predecessors
383	1st Storey Construction	21 d	Mon 24/2/14	Sun 16/3/14	382
384	2nd Storey Construction	14 d	Mon 17/3/14	Sun 30/3/14	383
385	3rd Storey Construction	14 d	Mon 31/3/14	Sun 13/4/14	384
386	Attic Construction	14 d	Mon 14/4/14	Sun 27/4/14	385
387	Roof Construction	21 d	Mon 28/4/14	Sun 18/5/14	386
388	Roofing Works	21 d	Mon 19/5/14	Sun 8/6/14	387
389	Architecture Works	120 d	Mon 9/6/14	Mon 6/10/14	388
390	**Archi. Trade Demo**	**92 d**	**Tue 25/6/13**	**Tue 24/9/13**	
391	Anti-Termite Soil Treatment	1 d	Tue 25/6/13	Tue 25/6/13	
392	Waterproofing	1 d	Tue 13/8/13	Tue 13/8/13	
393	Brick Installation (for MEP Shaft Only)	1 d	Tue 13/8/13	Tue 13/8/13	
394	Ceiling Skim Coat / Piping work	1 d	Tue 20/8/13	Tue 20/8/13	
395	Floor Screeding	1 d	Tue 20/8/13	Tue 20/8/13	
396	Filing works	1 d	Tue 27/8/13	Tue 27/8/13	
397	Stone works	1 d	Tue 27/8/13	Tue 27/8/13	
398	Aluminium Window	1 d	Tue 3/9/13	Tue 3/9/13	
399	False Ceiling	1 d	Tue 10/9/13	Tue 10/9/13	
400	Timber Floor	1 d	Tue 17/9/13	Tue 17/9/13	
401	Railing	1 d	Tue 24/9/13	Tue 24/9/13	
402	Painting works	1 d	Tue 24/9/13	Tue 24/9/13	
403	**Phase 11A (19 Units exclude Showhouses)**	**329 d**	**Sun 23/6/13**	**Sat 17/5/14**	
404	**Zone B (Plots 392, 391,390, 389, 388, 387, 386, 385 [TW1])**	**274 d**	**Sun 23/6/13**	**Sun 23/3/14**	
405	**Zone B-1 (Plots 392, 391,390, 389)**	**260 d**	**Sun 23/6/13**	**Sun 9/3/14**	
406	**Structure Works**	**112 d**	**Sun 23/6/13**	**Sat 12/10/13**	
407	**Pile cap**	**14 d**	**Sun 23/6/13**	**Sat 6/7/13**	
408	Excavation for Pile Cap	2 d	Sun 23/6/13	Mon 24/6/13	48
409	Pile Head Hacking, ECC Taken, Lean Concrete	2 d	Tue 25/6/13	Wed 26/6/13	408
410	Rebar for Pile Cap	4 d	Thu 27/6/13	Sun 30/6/13	409
411	Form work for Pile Cap	4 d	Mon 1/7/13	Thu 4/7/13	410
412	Casting of Pile Cap	2 d	Fri 5/7/13	Sat 6/7/13	411
413	**1st Storey Construction**	**28 d**	**Sun 7/7/13**	**Sat 3/8/13**	
414	Under Ground Pipe work & Encasing	7 d	Sun 7/7/13	Sat 13/7/13	412
415	RC Ground Beam Work & Casting	11 d	Sun 14/7/13	Wed 24/7/13	414
416	1st Storey Slab Construction	10 d	Thu 25/7/13	Sat 3/8/13	415
417	**2nd Storey Construction**	**14 d**	**Sun 4/8/13**	**Sat 17/8/13**	
418	Vertical Member Construction	7 d	Sun 4/8/13	Sat 10/8/13	413
419	Horizontal Member Construction	7 d	Sun 11/8/13	Sat 17/8/13	418
420	**3rd Storey Construction**	**14 d**	**Sun 18/8/13**	**Sat 31/8/13**	
421	Vertical Member Construction	7 d	Sun 18/8/13	Sat 24/8/13	417



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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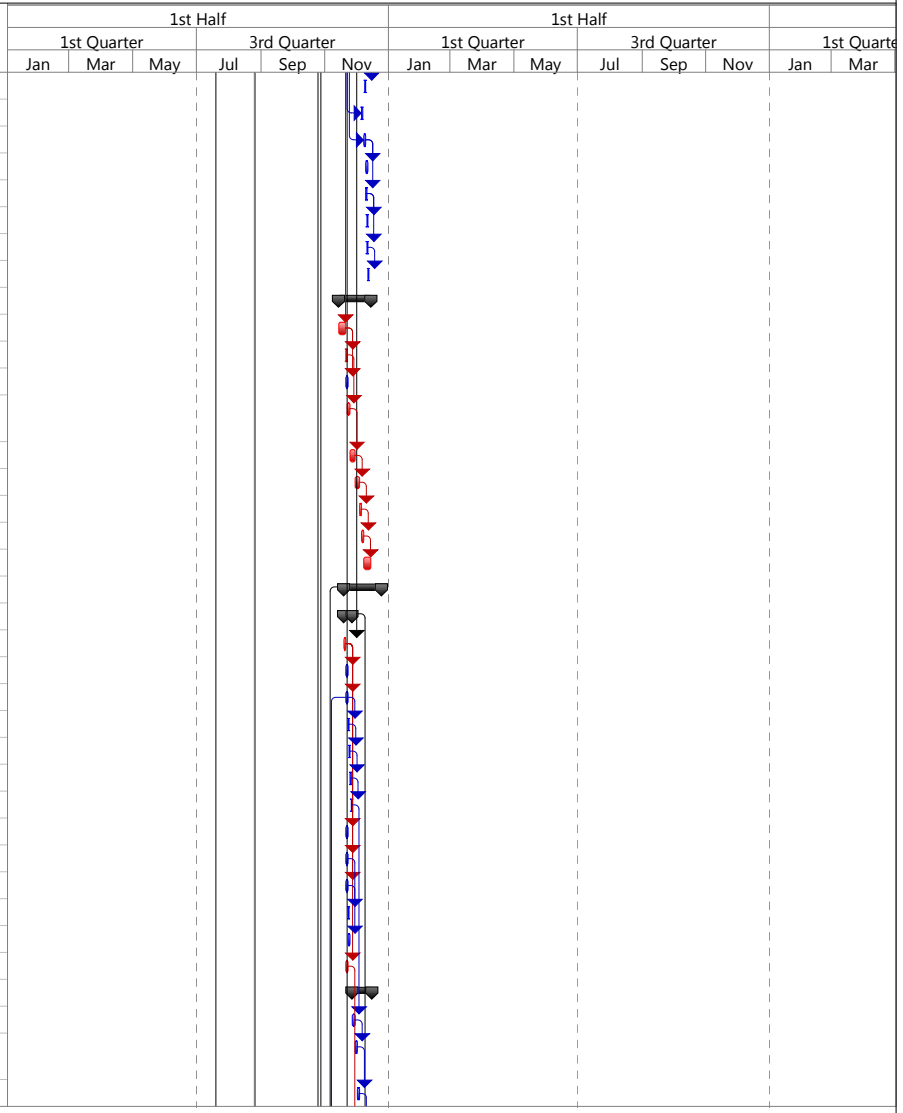
ID	Task Name	Duration	Start	Finish	Predecessors
422	Horizontal Member Construction	7 d	Sun 25/8/13	Sat 31/8/13	421
423	**Attic Construction**	**14 d**	**Sun 1/9/13**	**Sat 14/9/13**	
424	Vertical Member Construction	7 d	Sun 1/9/13	Sat 7/9/13	420
425	Horizontal Member Construction	7 d	Sun 8/9/13	Sat 14/9/13	424
426	**Roof Construction**	**28 d**	**Sun 15/9/13**	**Sat 12/10/13**	
427	Vertical Member Construction	14 d	Sun 15/9/13	Sat 28/9/13	423
428	Horizontal Member Construction	14 d	Sun 29/9/13	Sat 12/10/13	427
429	**Roofing Works**	**28 d**	**Sun 13/10/13**	**Sat 9/11/13**	
430	Roof Metal Underlaid works	12 d	Sun 13/10/13	Thu 24/10/13	426
431	Roof Insulation works	4 d	Fri 25/10/13	Mon 28/10/13	430
432	Roof Tiling works (including Lightening Conductor)	12 d	Tue 29/10/13	Sat 9/11/13	431
433	**Architecture Works**	**120 d**	**Sun 10/11/13**	**Sun 9/3/14**	
434	**Plot No. 392**	**111 d**	**Sun 10/11/13**	**Fri 28/2/14**	
435	**1st Sty. Architectural, MEP Finishing Works**	**35 d**	**Sun 10/11/13**	**Sat 14/12/13**	
436	**Common (Wet Area & Dry Area)**	**9 d**	**Sun 10/11/13**	**Mon 18/11/13**	
437	Structural Clearance	2 d	Sun 10/11/13	Mon 11/11/13	429
438	Window Outer Frame Installation	3 d	Tue 12/11/13	Thu 14/11/13	437
439	RC Kerb Construction for Wet Area	2 d	Tue 12/11/13	Wed 13/11/13	437
440	Water Ponding Test	1 d	Thu 14/11/13	Thu 14/11/13	439
441	Water Proofing Application	2 d	Fri 15/11/13	Sat 16/11/13	440
442	Water Proofing Ponding Test	1 d	Sun 17/11/13	Sun 17/11/13	441
443	Protection Screed	1 d	Mon 18/11/13	Mon 18/11/13	442
444	MEP 1st Fix (High Level - above False Ceiling works)	4 d	Tue 12/11/13	Fri 15/11/13	437
445	MEP 1st Fix (Plumbing & Sanitary)	2 d	Tue 12/11/13	Wed 13/11/13	437
446	Cable Pulling	4 d	Tue 12/11/13	Fri 15/11/13	437
447	Ceiling Skim Coat (Car Porch & Yard)	2 d	Tue 12/11/13	Wed 13/11/13	437
448	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Thu 14/11/13	Fri 15/11/13	445
449	Timber Door Sub-Frame	2 d	Tue 12/11/13	Wed 13/11/13	437
450	**Internal Wet Area (Guest Bath, Wet Kitchen, Utility & WC)**	**24 d**	**Tue 19/11/13**	**Thu 12/12/13**	
451	Wall Base Coat	3 d	Tue 19/11/13	Thu 21/11/13	443
452	MEP 2nd Fix & Ceiling Clerance (Internal wiring, Ducted FCU Installation & Testing)	2 d	Fri 22/11/13	Sat 23/11/13	451
453	False Ceiling Grid / Frame Installation works	2 d	Sun 24/11/13	Mon 25/11/13	452
454	Wall Tiling	4 d	Tue 26/11/13	Fri 29/11/13	453
455	Ceiling Board Covering with access panel	2 d	Sat 30/11/13	Sun 1/12/13	454
456	Floor Tiling	4 d	Mon 2/12/13	Thu 5/12/13	455
457	Sanitary Wares Installation (Main items)	2 d	Fri 6/12/13	Sat 7/12/13	456
458	Vanity Cabinet Carcass	1 d	Sun 8/12/13	Sun 8/12/13	457



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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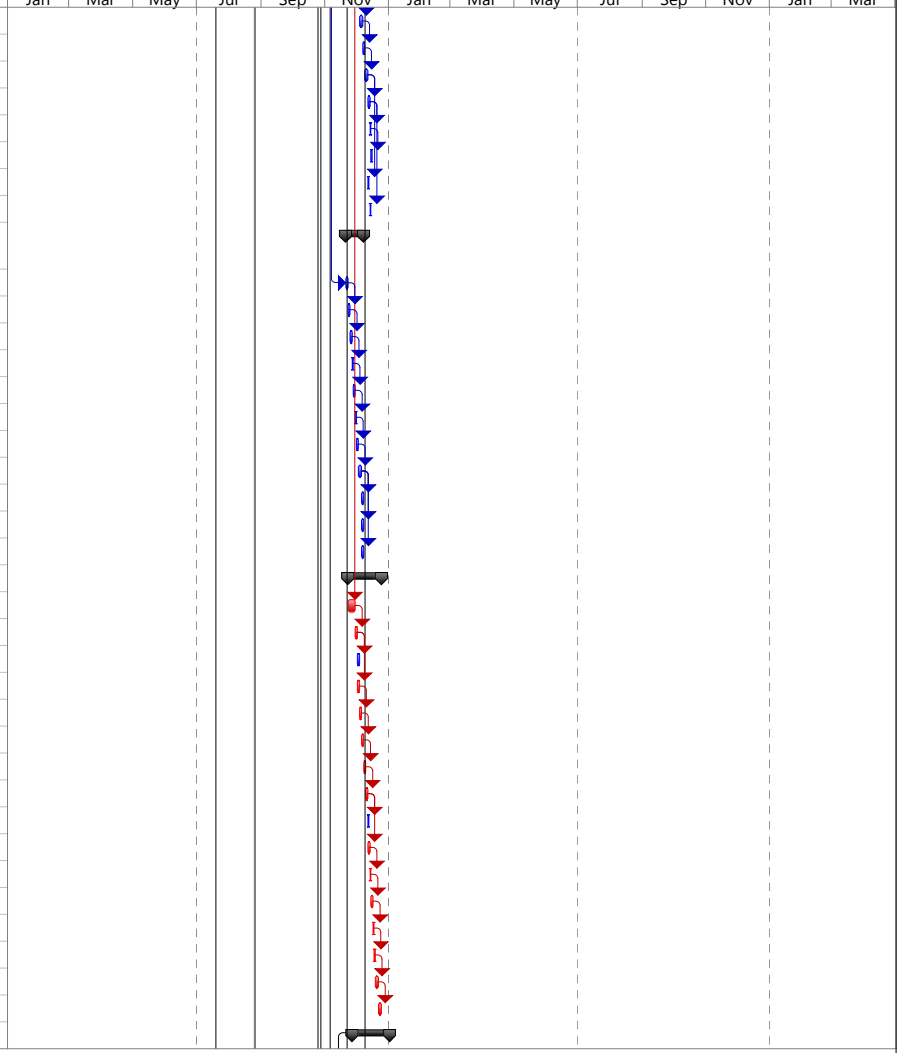
ID	Task Name	Duration	Start	Finish	Predecessors
459	Vanity Top	1 d	Mon 9/12/13	Mon 9/12/13	458
460	Shower Screen, Mirror	1 d	Fri 6/12/13	Fri 6/12/13	457SS
461	Wet Kitchen, Utility Cabinet Carcass	2 d	Sun 8/12/13	Mon 9/12/13	458SS
462	Wet Kitchen, Utility Top	2 d	Tue 10/12/13	Wed 11/12/13	461
463	Wet Kitchen, Utility Sink	1 d	Tue 10/12/13	Tue 10/12/13	461
464	Wet Kitchen Hood and Hob	1 d	Wed 11/12/13	Wed 11/12/13	463
465	Wet Kitchen Cabinet Door & Drawers	1 d	Wed 11/12/13	Wed 11/12/13	463
466	Wet Kitchen Accessories, Sanitary Accessories	1 d	Thu 12/12/13	Thu 12/12/13	465
467	**Dry Area**	**31 d**	**Thu 14/11/13**	**Sat 14/12/13**	
468	Internal Wall Plastering	7 d	Thu 14/11/13	Wed 20/11/13	449
469	Floor Screed (Guest Bed Room)	1 d	Thu 21/11/13	Thu 21/11/13	468
470	MS Railing Installation at Staircase	2 d	Thu 21/11/13	Fri 22/11/13	468
471	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ducted FCU Installation & Testing)	3 d	Fri 22/11/13	Sun 24/11/13	469
472	Ceiling Frame Installation	5 d	Mon 25/11/13	Fri 29/11/13	471
473	Living, Dining & Dry Kitchen Floor Marble	4 d	Sat 30/11/13	Tue 3/12/13	472
474	Marble Skirting for Living / Dining & Dry Kitchen	2 d	Wed 4/12/13	Thu 5/12/13	473
475	Ceiling Board Covering	2 d	Fri 6/12/13	Sat 7/12/13	474
476	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	7 d	Sun 8/12/13	Sat 14/12/13	475
477	**2nd Sty. Architectural, MEP Finishing Works**	**36 d**	**Tue 19/11/13**	**Tue 24/12/13**	
478	**Common (Wet Area & Dry Area)**	**8 d**	**Tue 19/11/13**	**Tue 26/11/13**	
479	Structural Clearance	2 d	Tue 19/11/13	Wed 20/11/13	436
480	Window & Bay Window Outer Frame Installation	2 d	Thu 21/11/13	Fri 22/11/13	479
481	RC Kerb Construction for Wet Area	2 d	Thu 21/11/13	Fri 22/11/13	479
482	Water Ponding Test	1 d	Sat 23/11/13	Sat 23/11/13	481
483	Water Proofing Application	1 d	Sun 24/11/13	Sun 24/11/13	482
484	Water Proofing Ponding Test	1 d	Mon 25/11/13	Mon 25/11/13	483
485	Protection Screed	1 d	Tue 26/11/13	Tue 26/11/13	484
486	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Thu 21/11/13	Fri 22/11/13	479
487	MEP 1st Fix (Plumbing & Sanitary)	2 d	Thu 21/11/13	Fri 22/11/13	479
488	Cable Pulling	2 d	Thu 21/11/13	Fri 22/11/13	479
489	Ceiling Skim Coat (Hallway)	1 d	Sat 23/11/13	Sat 23/11/13	488
490	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Sat 23/11/13	Sun 24/11/13	487
491	Timber Door Sub-Frame	2 d	Thu 21/11/13	Fri 22/11/13	479
492	**Internal Wet Area (Master Bath, Bath 1)**	**19 d**	**Wed 27/11/13**	**Sun 15/12/13**	
493	Wall Base Coat	3 d	Wed 27/11/13	Fri 29/11/13	485
494	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ducted FCU Installation & Testing)	2 d	Sat 30/11/13	Sun 1/12/13	493
495	False Ceiling Grid / Frame Installation works	2 d	Mon 2/12/13	Tue 3/12/13	494



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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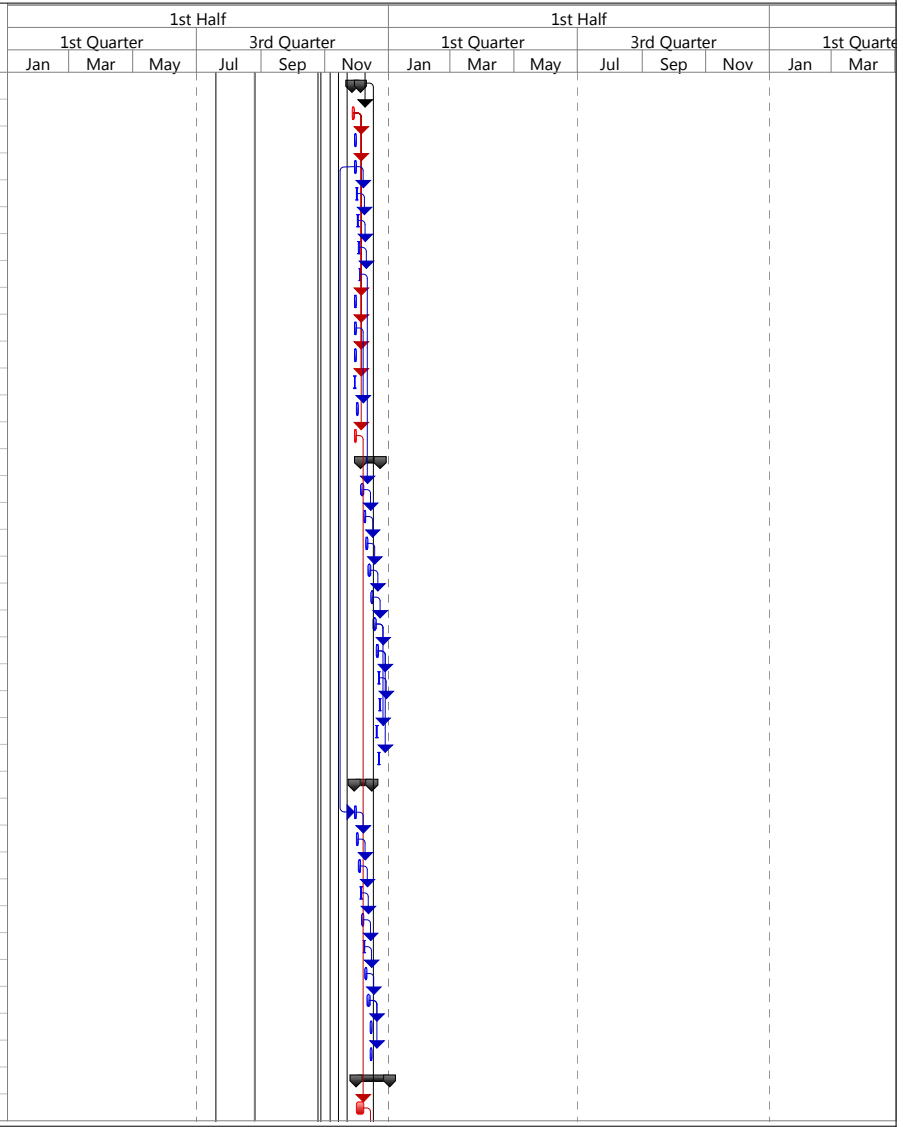
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496	Wall Tiling	3 d	Wed 4/12/13	Fri 6/12/13	495
497	Ceiling Board Covering with access panel	2 d	Sat 7/12/13	Sun 8/12/13	496
498	Floor marble / Tiling	3 d	Mon 9/12/13	Wed 11/12/13	497
499	Sanitary Wares Installation (Main items)	2 d	Thu 12/12/13	Fri 13/12/13	498
500	Vanity Cabinet Carcass	1 d	Sat 14/12/13	Sat 14/12/13	499
501	Vanity Top	1 d	Sun 15/12/13	Sun 15/12/13	500
502	Shower Screen, Mirror	1 d	Thu 12/12/13	Thu 12/12/13	498
503	Sanitary Accessories	1 d	Sat 14/12/13	Sat 14/12/13	499
504	**External Wet Area (RC Flat Roof, Open Terrace, AC Ledge)**	**17 d**	**Thu 21/11/13**	**Sat 7/12/13**	
505	RC Kerb Construction	2 d	Thu 21/11/13	Fri 22/11/13	481SS
506	Open Terrace MS Railing Installation	2 d	Sat 23/11/13	Sun 24/11/13	505
507	External Wall Plastering	2 d	Mon 25/11/13	Tue 26/11/13	506
508	Water Ponding Test	1 d	Wed 27/11/13	Wed 27/11/13	507
509	Water Proofing Application	2 d	Thu 28/11/13	Fri 29/11/13	508
510	Water Proofing Ponding Test	1 d	Sat 30/11/13	Sat 30/11/13	509
511	Protection Screed	2 d	Sun 1/12/13	Mon 2/12/13	510
512	Floor Tile work	3 d	Tue 3/12/13	Thu 5/12/13	511
513	Skirting work	2 d	Fri 6/12/13	Sat 7/12/13	512
514	Aluminium Trellis Screen at AC Ledge	2 d	Fri 6/12/13	Sat 7/12/13	512
515	Aluminium Framed Laminated Tinted Glass Sky Light Work	2 d	Fri 6/12/13	Sat 7/12/13	512
516	**Dry Area**	**32 d**	**Sat 23/11/13**	**Tue 24/12/13**	
517	Internal Wall Plastering	7 d	Sat 23/11/13	Fri 29/11/13	491
518	Floor Screed (Master Bed, Bed 1& Hallway)	2 d	Sat 30/11/13	Sun 1/12/13	517
519	MS Railing Installation at Staircase & Hallway	2 d	Mon 2/12/13	Tue 3/12/13	518
520	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Mon 2/12/13	Tue 3/12/13	518
521	Ceiling Frame Installation	2 d	Wed 4/12/13	Thu 5/12/13	520
522	Ceiling Board Covering	2 d	Fri 6/12/13	Sat 7/12/13	521
523	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Sun 8/12/13	Mon 9/12/13	522
524	Window inner frame & Glazing Work	2 d	Tue 10/12/13	Wed 11/12/13	523
525	MS Railing Installation at Window	1 d	Thu 12/12/13	Thu 12/12/13	524
526	Parquet Flooring work - Master Bed, Bed 1 & Hallway	2 d	Thu 12/12/13	Fri 13/12/13	524
527	Timber Skirting	1 d	Sat 14/12/13	Sat 14/12/13	526
528	1st Sanding - Parquet Floor	2 d	Sun 15/12/13	Mon 16/12/13	527
529	2nd Sanding - Parquet Floor	1 d	Tue 17/12/13	Tue 17/12/13	528
530	1st Coat Varnishing - Parquet Floor	1 d	Wed 18/12/13	Wed 18/12/13	529
531	Timber Door Panel, Aluminium Glass Sliding Door and Iron	3 d	Thu 19/12/13	Sat 21/12/13	530
532	MEP Final Fix	3 d	Sun 22/12/13	Tue 24/12/13	531
533	**3rd Sty. Architectural, MEP Finishing Works**	**36 d**	**Wed 27/11/13**	**Wed 1/1/14**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

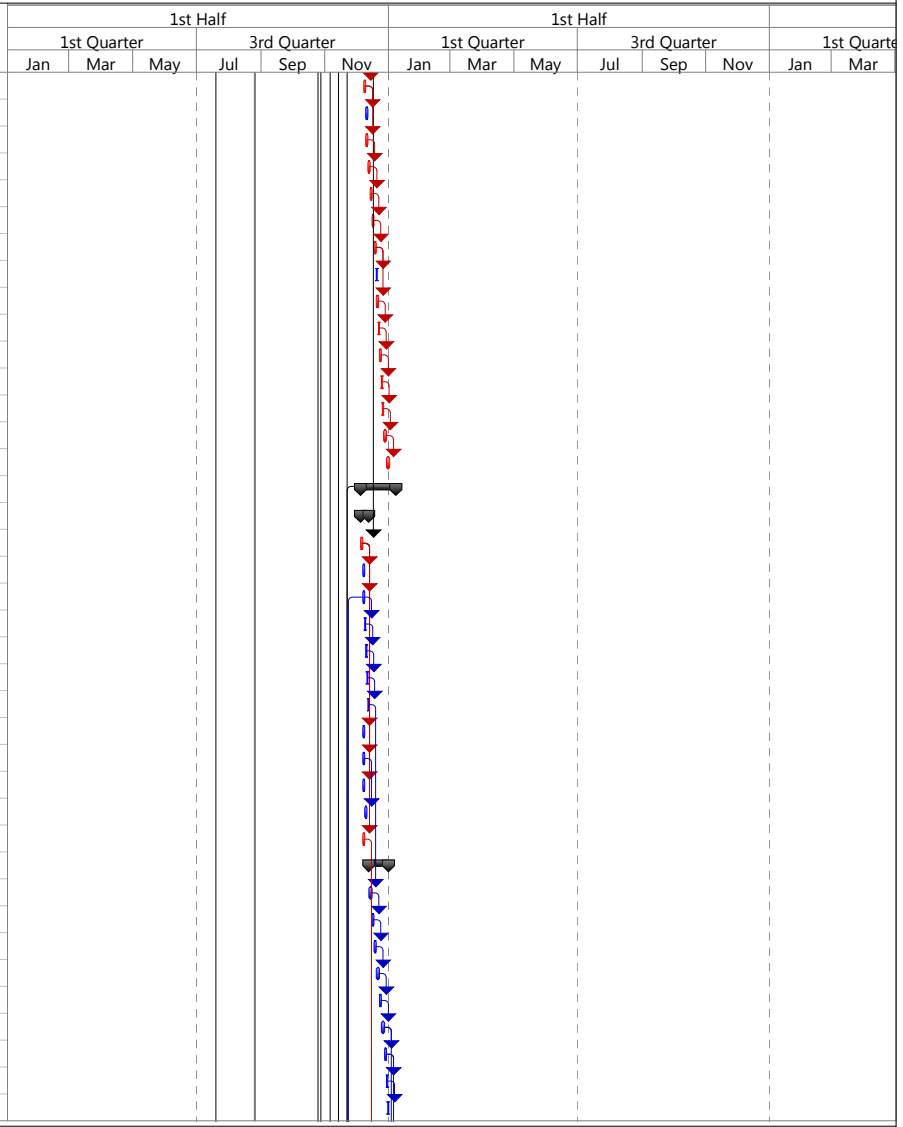
ID	Task Name	Duration	Start	Finish	Predecessors
534	**Common (Wet Area & Dry Area)**	**8 d**	**Wed 27/11/13**	**Wed 4/12/13**	
535	Structural Clearance	2 d	Wed 27/11/13	Thu 28/11/13	478
536	Window & Bay Window Outer Frame Installation	2 d	Fri 29/11/13	Sat 30/11/13	535
537	RC Kerb Construction for Wet Area	2 d	Fri 29/11/13	Sat 30/11/13	535
538	Water Ponding Test	1 d	Sun 1/12/13	Sun 1/12/13	537
539	Water Proofing Application	1 d	Mon 2/12/13	Mon 2/12/13	538
540	Water Proofing Ponding Test	1 d	Tue 3/12/13	Tue 3/12/13	539
541	Protection Screed	1 d	Wed 4/12/13	Wed 4/12/13	540
542	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Fri 29/11/13	Sat 30/11/13	535
543	MEP 1st Fix (Plumbing & Sanitary)	2 d	Fri 29/11/13	Sat 30/11/13	535
544	Cable Pulling	2 d	Fri 29/11/13	Sat 30/11/13	535
545	Ceiling Skim Coat (Hallway)	1 d	Fri 29/11/13	Fri 29/11/13	535
546	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Sun 1/12/13	Mon 2/12/13	543
547	Timber Door Sub-Frame	2 d	Fri 29/11/13	Sat 30/11/13	535
548	**Internal Wet Area (Bath 2 & Bath 3)**	**19 d**	**Thu 5/12/13**	**Mon 23/12/13**	
549	Wall Base Coat	3 d	Thu 5/12/13	Sat 7/12/13	541
550	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ducted	2 d	Sun 8/12/13	Mon 9/12/13	549
551	False Ceiling Grid / Frame Installation works	2 d	Tue 10/12/13	Wed 11/12/13	550
552	Wall Marble / Tiling	3 d	Thu 12/12/13	Sat 14/12/13	551
553	Ceiling Board Covering with access panel	2 d	Sun 15/12/13	Mon 16/12/13	552
554	Floor marble / Tiling	3 d	Tue 17/12/13	Thu 19/12/13	553
555	Sanitary Wares Installation (Main items)	2 d	Fri 20/12/13	Sat 21/12/13	554
556	Vanity Cabinet Carcass	1 d	Sun 22/12/13	Sun 22/12/13	555
557	Vanity Top	1 d	Mon 23/12/13	Mon 23/12/13	556
558	Shower Screen, Mirror	1 d	Fri 20/12/13	Fri 20/12/13	554
559	Sanitary Accessories	1 d	Sun 22/12/13	Sun 22/12/13	555
560	**External Wet Area (Open Terrace, RC Flat Roof, AC Le**	**17 d**	**Fri 29/11/13**	**Sun 15/12/13**	
561	RC Kerb Construction	2 d	Fri 29/11/13	Sat 30/11/13	537SS
562	Open Terrace MS Railing Installation	2 d	Sun 1/12/13	Mon 2/12/13	561
563	External Wall Plastering	2 d	Tue 3/12/13	Wed 4/12/13	562
564	Water Ponding Test	1 d	Thu 5/12/13	Thu 5/12/13	563
565	Water Proofing Application	2 d	Fri 6/12/13	Sat 7/12/13	564
566	Water Proofing Ponding Test	1 d	Sun 8/12/13	Sun 8/12/13	565
567	Protection Screed	2 d	Mon 9/12/13	Tue 10/12/13	566
568	Floor Tile work	3 d	Wed 11/12/13	Fri 13/12/13	567
569	Skirting work	2 d	Sat 14/12/13	Sun 15/12/13	568
570	Aluminium Trellis Screen at AC Ledge	2 d	Sat 14/12/13	Sun 15/12/13	568
571	**Dry Area**	**32 d**	**Sun 1/12/13**	**Wed 1/1/14**	
572	Internal Wall Plastering	7 d	Sun 1/12/13	Sat 7/12/13	547



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

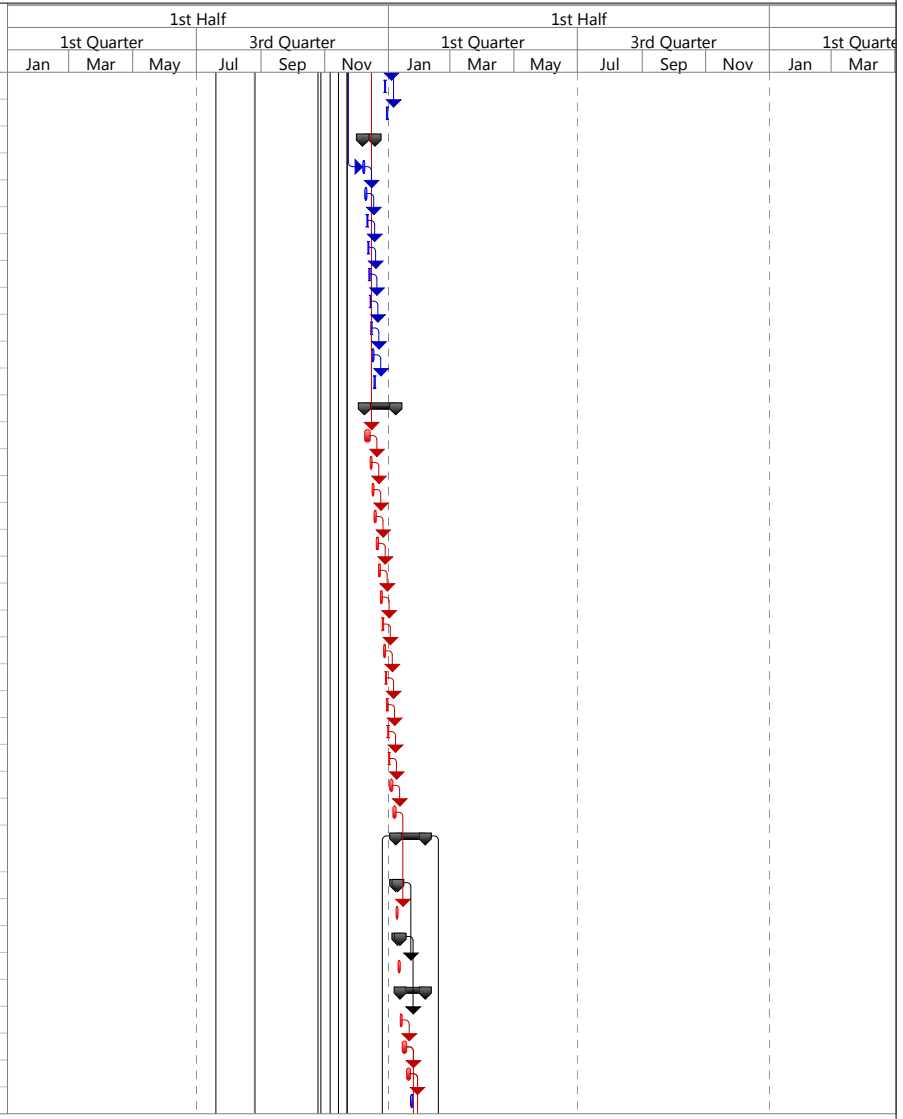
ID	Task Name	Duration	Start	Finish	Predecessors
573	Floor Screed (Bed 2, Bed 3& Hallway)	2 d	Sun 8/12/13	Mon 9/12/13	572
574	MS Railing Installation at Staircase & Hallway	2 d	Tue 10/12/13	Wed 11/12/13	573
575	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Tue 10/12/13	Wed 11/12/13	573
576	Ceiling Frame Installation	2 d	Thu 12/12/13	Fri 13/12/13	575
577	Ceiling Board Covering	2 d	Sat 14/12/13	Sun 15/12/13	576
578	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Mon 16/12/13	Tue 17/12/13	577
579	Window inner frame & Glazing Work	2 d	Wed 18/12/13	Thu 19/12/13	578
580	MS Railing Installation at Window	1 d	Fri 20/12/13	Fri 20/12/13	579
581	Parquet Flooring work - Bed 2, Bed 3 & Hallway	2 d	Fri 20/12/13	Sat 21/12/13	579
582	Timber Skirting	1 d	Sun 22/12/13	Sun 22/12/13	581
583	1st Sanding - Parquet Floor	2 d	Mon 23/12/13	Tue 24/12/13	582
584	2nd Sanding - Parquet Floor	1 d	Wed 25/12/13	Wed 25/12/13	583
585	1st Coat Varnishing - Parquet Floor	1 d	Thu 26/12/13	Thu 26/12/13	584
586	Timber Door Panel, Aluminium Glass Sliding Door and Iron	3 d	Fri 27/12/13	Sun 29/12/13	585
587	MEP Final Fix	3 d	Mon 30/12/13	Wed 1/1/14	586
588	**Attic & Roof Architectural, MEP Finishing Works**	**34 d**	**Thu 5/12/13**	**Tue 7/1/14**	
589	**Common (Wet Area & Dry Area)**	**8 d**	**Thu 5/12/13**	**Thu 12/12/13**	
590	Structural Clearance	2 d	Thu 5/12/13	Fri 6/12/13	534
591	Window & Bay Window Outer Frame Installation	2 d	Sat 7/12/13	Sun 8/12/13	590
592	RC Kerb Construction for Wet Area	2 d	Sat 7/12/13	Sun 8/12/13	590
593	Water Ponding Test	1 d	Mon 9/12/13	Mon 9/12/13	592
594	Water Proofing Application	1 d	Tue 10/12/13	Tue 10/12/13	593
595	Water Proofing Ponding Test	1 d	Wed 11/12/13	Wed 11/12/13	594
596	Protection Screed	1 d	Thu 12/12/13	Thu 12/12/13	595
597	MEP 1st Fix (High Level - above False Ceiling works)	2 d	Sat 7/12/13	Sun 8/12/13	590
598	MEP 1st Fix (Plumbing & Sanitary)	2 d	Sat 7/12/13	Sun 8/12/13	590
599	Cable Pulling	2 d	Sat 7/12/13	Sun 8/12/13	590
600	Brick Wall / Block Wall with Stiffners (for MEP Shafts)	2 d	Mon 9/12/13	Tue 10/12/13	598
601	Timber Door Sub-Frame	2 d	Sat 7/12/13	Sun 8/12/13	590
602	**Internal Wet Area**	**19 d**	**Fri 13/12/13**	**Tue 31/12/13**	
603	Wall Base Coat	3 d	Fri 13/12/13	Sun 15/12/13	596
604	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Mon 16/12/13	Tue 17/12/13	603
605	False Ceiling Grid / Frame Installation works	2 d	Wed 18/12/13	Thu 19/12/13	604
606	Wall Marble / Tiling	3 d	Fri 20/12/13	Sun 22/12/13	605
607	Ceiling Board Covering with access panel	2 d	Mon 23/12/13	Tue 24/12/13	606
608	Floor marble / Tiling	3 d	Wed 25/12/13	Fri 27/12/13	607
609	Sanitary Wares Installation (Main items)	2 d	Sat 28/12/13	Sun 29/12/13	608
610	Vanity Cabinet Carcass	1 d	Mon 30/12/13	Mon 30/12/13	609
611	Vanity Top	1 d	Tue 31/12/13	Tue 31/12/13	610



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

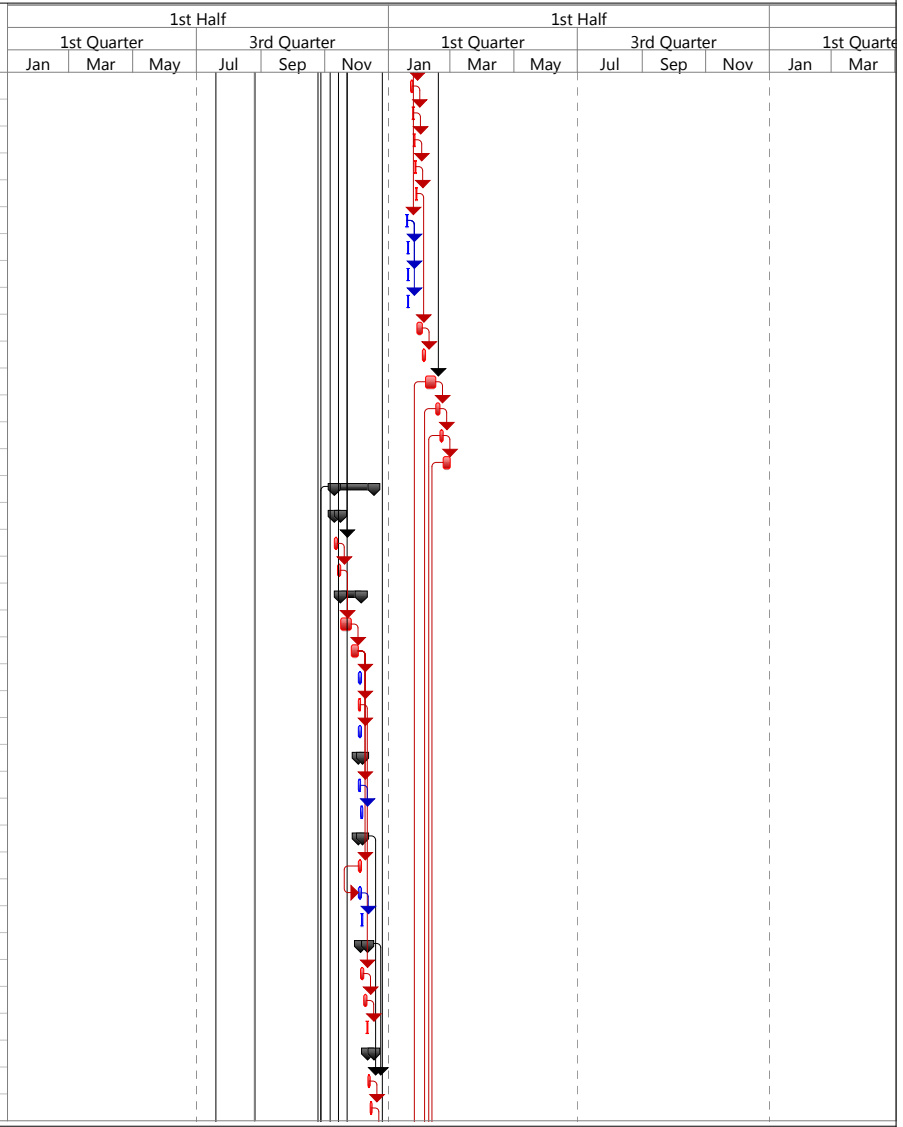
ID	Task Name	Duration	Start	Finish	Predecessors
612	Shower Screen, Mirror	1 d	Sat 28/12/13	Sat 28/12/13	608
613	Sanitary Accessories	1 d	Mon 30/12/13	Mon 30/12/13	609
614	**External Wet Area (Roof Terrace, Planter, RC Ledge &**	**12 d**	**Sat 7/12/13**	**Wed 18/12/13**	
615	RC Kerb Construction	2 d	Sat 7/12/13	Sun 8/12/13	592SS
616	Open Terrace MS Railing Installation	2 d	Mon 9/12/13	Tue 10/12/13	615
617	External Wall Plastering	1 d	Wed 11/12/13	Wed 11/12/13	616
618	Water Ponding Test	1 d	Thu 12/12/13	Thu 12/12/13	617
619	Water Proofing Application	1 d	Fri 13/12/13	Fri 13/12/13	618
620	Water Proofing Ponding Test	1 d	Sat 14/12/13	Sat 14/12/13	619
621	Protection Screed	1 d	Sun 15/12/13	Sun 15/12/13	620
622	Floor Tile work	2 d	Mon 16/12/13	Tue 17/12/13	621
623	Skirting work	1 d	Wed 18/12/13	Wed 18/12/13	622
624	**Dry Area**	**30 d**	**Mon 9/12/13**	**Tue 7/1/14**	
625	Internal Wall Plastering	5 d	Mon 9/12/13	Fri 13/12/13	601
626	Floor Screed	2 d	Sat 14/12/13	Sun 15/12/13	625
627	MS Railing Installation at Hallway	2 d	Mon 16/12/13	Tue 17/12/13	626
628	MEP 2nd Fix and Ceiling Clearance (Internal wiring, Ductec	2 d	Wed 18/12/13	Thu 19/12/13	627
629	Ceiling Frame Installation	2 d	Fri 20/12/13	Sat 21/12/13	628
630	Ceiling Board Covering	2 d	Sun 22/12/13	Mon 23/12/13	629
631	Painting 1st Coat (Putty Coat, Sealer Coat - Wall & Ceiling)	2 d	Tue 24/12/13	Wed 25/12/13	630
632	Window inner frame & Glazing Work	1 d	Thu 26/12/13	Thu 26/12/13	631
633	Parquet Flooring work - Bed 4 & Hallways	2 d	Fri 27/12/13	Sat 28/12/13	632
634	Timber Skirting	1 d	Sun 29/12/13	Sun 29/12/13	633
635	1st Sanding - Parquet Floor	1 d	Mon 30/12/13	Mon 30/12/13	634
636	2nd Sanding - Parquet Floor	1 d	Tue 31/12/13	Tue 31/12/13	635
637	1st Coat Varnishing - Parquet Floor	1 d	Wed 1/1/14	Wed 1/1/14	636
638	Timber Door Panel, Aluminium Glass Swing Door and Ironr	3 d	Thu 2/1/14	Sat 4/1/14	637
639	MEP Final Fix	3 d	Sun 5/1/14	Tue 7/1/14	638
640	**Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom Floor Finishing Works**	**28 d**	**Wed 8/1/14**	**Tue 4/2/14**	
641	**3rd Sty. Hallway & Staircase**	**2 d**	**Wed 8/1/14**	**Thu 9/1/14**	
642	Staircase Tread with Teak Wood Finish	2 d	Wed 8/1/14	Thu 9/1/14	639
643	**2nd Sty. Hallway & Staircase**	**2 d**	**Fri 10/1/14**	**Sat 11/1/14**	
644	Staircase Tread with Teak Wood Finish	2 d	Fri 10/1/14	Sat 11/1/14	641
645	**1st Sty. Staircase, Living, Dining, Dry Kitchen & Guest**	**24 d**	**Sun 12/1/14**	**Tue 4/2/14**	
646	Staircase Tread with Teak Wood Finish	2 d	Sun 12/1/14	Mon 13/1/14	643
647	Marble Polishing and Protection	4 d	Tue 14/1/14	Fri 17/1/14	646
648	Window inner frame & Glazing Work	4 d	Sat 18/1/14	Tue 21/1/14	647
649	Aluminium Framed Glass Screen Wall	2 d	Wed 22/1/14	Thu 23/1/14	648



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

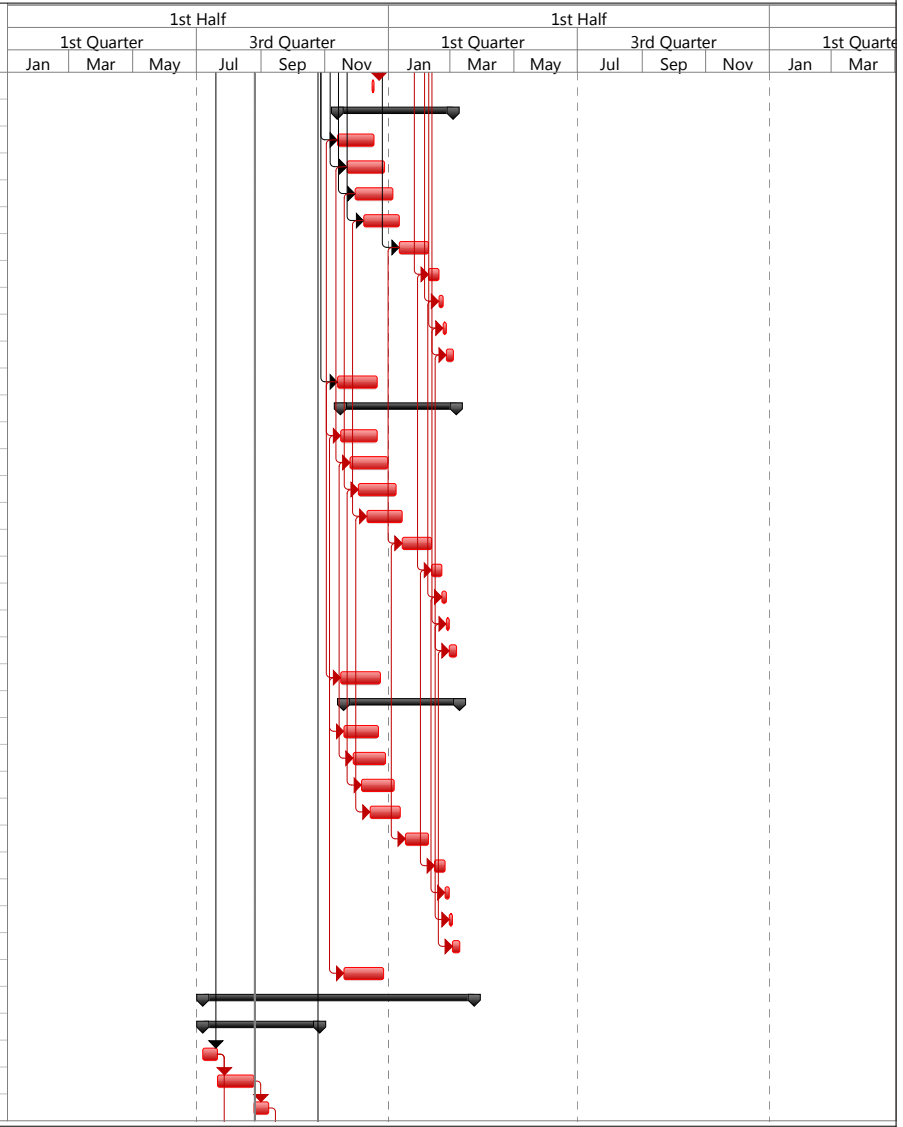
ID	Task Name	Duration	Start	Finish	Predecessors
650	Parquet Flooring work - Guest Room	2 d	Wed 22/1/14	Thu 23/1/14	648
651	Timber Skirting	1 d	Fri 24/1/14	Fri 24/1/14	650
652	1st Sanding - Parquet Floor	1 d	Sat 25/1/14	Sat 25/1/14	651
653	2nd Sanding - Parquet Floor	1 d	Sun 26/1/14	Sun 26/1/14	652
654	1st Coat Varnishing - Parquet Floor	1 d	Mon 27/1/14	Mon 27/1/14	653
655	Dry Kitchen Cabinet Carcass Install	1 d	Sat 18/1/14	Sat 18/1/14	647
656	Dry Kitchen Top	1 d	Sun 19/1/14	Sun 19/1/14	655
657	Dry Kitchen Sink	1 d	Sun 19/1/14	Sun 19/1/14	655
658	Dry Kitchen Cabinet Drawers & Doors	1 d	Sun 19/1/14	Sun 19/1/14	655
659	Timber Door Panel, Aluminium Glass Sliding Door and Iron	5 d	Tue 28/1/14	Sat 1/2/14	654
660	MEP Final Fix	3 d	Sun 2/2/14	Tue 4/2/14	659
661	Internal Final Painting	10 d	Wed 5/2/14	Fri 14/2/14	640
662	Final Varnishing	4 d	Sat 15/2/14	Tue 18/2/14	661
663	Marble Puffing	3 d	Wed 19/2/14	Fri 21/2/14	662
664	Final Touchup & Cleaning	7 d	Sat 22/2/14	Fri 28/2/14	663
665	**External Works**	**38 d**	**Sun 10/11/13**	**Tue 17/12/13**	
666	**External Wall Finishing Works**	**6 d**	**Sun 10/11/13**	**Fri 15/11/13**	
667	External Wall Plastering	3 d	Sun 10/11/13	Tue 12/11/13	429
668	External Wall Painting	3 d	Wed 13/11/13	Fri 15/11/13	667
669	**Boundary Wall Construction**	**20 d**	**Sat 16/11/13**	**Thu 5/12/13**	
670	Boundary Wall Construction (including rebar, Form work &	10 d	Sat 16/11/13	Mon 25/11/13	668
671	Plastering for Boundary wall	7 d	Tue 26/11/13	Mon 2/12/13	670
672	Metre Compartment Finishings works	3 d	Tue 3/12/13	Thu 5/12/13	671
673	Main Gate & Wicket Gate Fixing & Finishing	2 d	Tue 3/12/13	Wed 4/12/13	671
674	Primary, Secondary & Final Painting to Wall & Gates	3 d	Tue 3/12/13	Thu 5/12/13	671
675	**Back Yard Construction**	**4 d**	**Tue 3/12/13**	**Fri 6/12/13**	
676	Levelling, Lean Concrete, RC Slab	2 d	Tue 3/12/13	Wed 4/12/13	671
677	Tile Laying with Skirting	2 d	Thu 5/12/13	Fri 6/12/13	676
678	**Surface Drain Work, Sump Construction**	**4 d**	**Tue 3/12/13**	**Fri 6/12/13**	
679	Excavation for Precast Sump & Open Drain	3 d	Tue 3/12/13	Thu 5/12/13	671
680	Erection of Precast Sump & Open Drain	3 d	Tue 3/12/13	Thu 5/12/13	679SS
681	Laying of PVC Cover	1 d	Fri 6/12/13	Fri 6/12/13	680
682	**Car Porch Finishing works**	**7 d**	**Thu 5/12/13**	**Wed 11/12/13**	
683	General Floor Tile	3 d	Thu 5/12/13	Sat 7/12/13	673
684	Accent Floor Tile	3 d	Sun 8/12/13	Tue 10/12/13	683
685	Skirting Tile	1 d	Wed 11/12/13	Wed 11/12/13	684
686	**Turfing Works**	**6 d**	**Thu 12/12/13**	**Tue 17/12/13**	
687	Earth Levelling	2 d	Thu 12/12/13	Fri 13/12/13	678,682
688	Spread Fertilised Soil	2 d	Sat 14/12/13	Sun 15/12/13	687



Project: 2013 08 05 - Springside Maste
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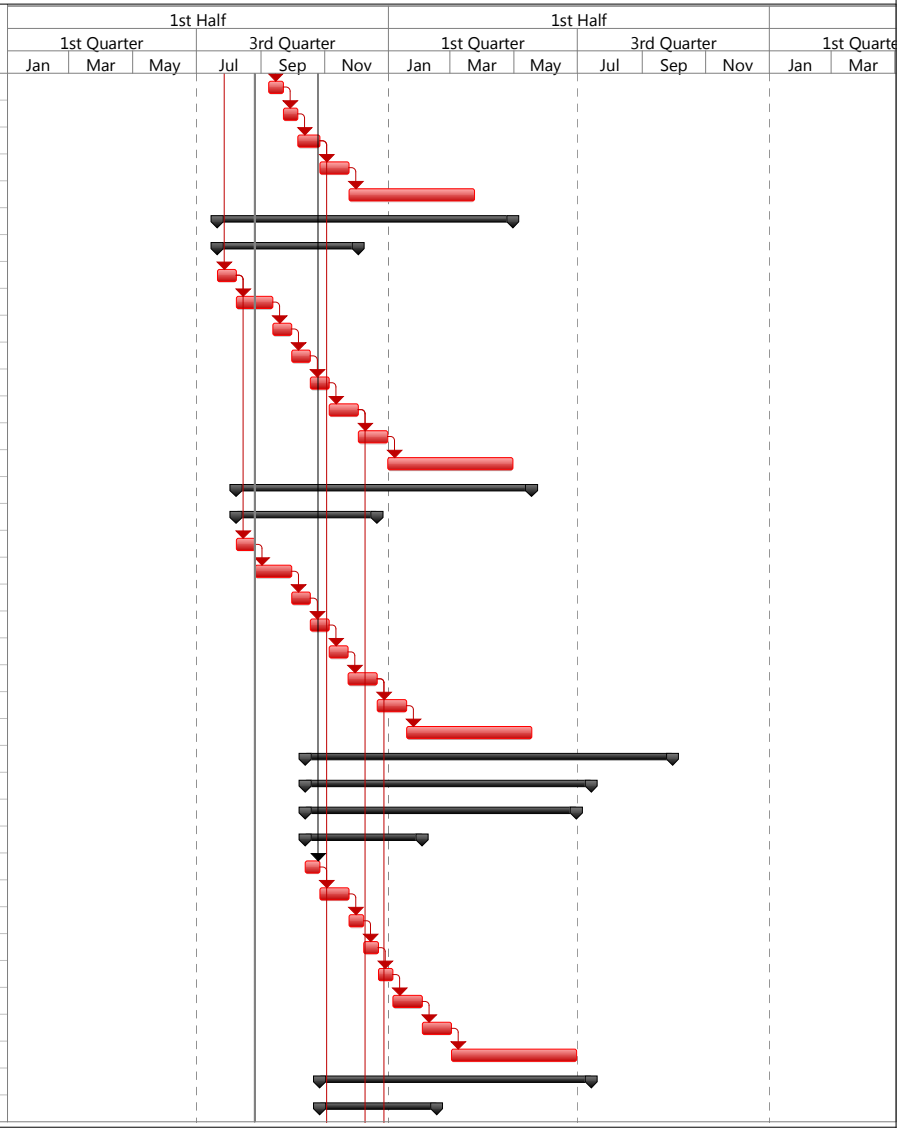
ID	Task Name	Duration	Start	Finish	Predecessors
689	Planting Grass	2 d	Mon 16/12/13	Tue 17/12/13	688
690	**Plot No. 391**	**111 d**	**Wed 13/11/13**	**Mon 3/3/14**	
691	1st Sty. Architectural, MEP Finishing Works	35 d	Wed 13/11/13	Tue 17/12/13	435SS+3 d
692	2nd Sty. Architectural, MEP Finishing Works	36 d	Fri 22/11/13	Fri 27/12/13	477SS+3 d
693	3rd Sty. Architectural, MEP Finishing Works	36 d	Sat 30/11/13	Sat 4/1/14	533SS+3 d
694	Attic & Roof Architectural, MEP Finishing Works	34 d	Sun 8/12/13	Fri 10/1/14	588SS+3 d
695	Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom	28 d	Sat 11/1/14	Fri 7/2/14	640SS+3 d
696	Internal Final Painting	10 d	Sat 8/2/14	Mon 17/2/14	661SS+3 d
697	Final Varnishing	4 d	Tue 18/2/14	Fri 21/2/14	662SS+3 d
698	Marble Puffing	3 d	Sat 22/2/14	Mon 24/2/14	663SS+3 d
699	Final Touchup & Cleaning	7 d	Tue 25/2/14	Mon 3/3/14	664SS+3 d
700	External Works	38 d	Wed 13/11/13	Fri 20/12/13	665SS+3 d
701	**Plot No. 390**	**111 d**	**Sat 16/11/13**	**Thu 6/3/14**	
702	1st Sty. Architectural, MEP Finishing Works	35 d	Sat 16/11/13	Fri 20/12/13	691SS+3 d
703	2nd Sty. Architectural, MEP Finishing Works	36 d	Mon 25/11/13	Mon 30/12/13	692SS+3 d
704	3rd Sty. Architectural, MEP Finishing Works	36 d	Tue 3/12/13	Tue 7/1/14	693SS+3 d
705	Attic & Roof Architectural, MEP Finishing Works	34 d	Wed 11/12/13	Mon 13/1/14	694SS+3 d
706	Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom	28 d	Tue 14/1/14	Mon 10/2/14	695SS+3 d
707	Internal Final Painting	10 d	Tue 11/2/14	Thu 20/2/14	696SS+3 d
708	Final Varnishing	4 d	Fri 21/2/14	Mon 24/2/14	697SS+3 d
709	Marble Puffing	3 d	Tue 25/2/14	Thu 27/2/14	698SS+3 d
710	Final Touchup & Cleaning	7 d	Fri 28/2/14	Thu 6/3/14	699SS+3 d
711	External Works	38 d	Sat 16/11/13	Mon 23/12/13	700SS+3 d
712	**Plot No. 389**	**111 d**	**Tue 19/11/13**	**Sun 9/3/14**	
713	1st Sty. Architectural, MEP Finishing Works	33 d	Tue 19/11/13	Sat 21/12/13	702SS+3 d
714	2nd Sty. Architectural, MEP Finishing Works	31 d	Thu 28/11/13	Sat 28/12/13	703SS+3 d
715	3rd Sty. Architectural, MEP Finishing Works	31 d	Fri 6/12/13	Sun 5/1/14	704SS+3 d
716	Attic & Roof Architectural, MEP Finishing Works	29 d	Sat 14/12/13	Sat 11/1/14	705SS+3 d
717	Hall Way, Staircase, Living, Dining, Dry Kitchen & Guest Bedroom	22 d	Fri 17/1/14	Fri 7/2/14	706SS+3 d
718	Internal Final Painting	10 d	Fri 14/2/14	Sun 23/2/14	707SS+3 d
719	Final Varnishing	4 d	Mon 24/2/14	Thu 27/2/14	708SS+3 d
720	Marble Puffing	3 d	Fri 28/2/14	Sun 2/3/14	709SS+3 d
721	Final Touchup & Cleaning	7 d	Mon 3/3/14	Sun 9/3/14	710SS+3 d
722	External Works	38 d	Tue 19/11/13	Thu 26/12/13	711SS+3 d
723	**Zone B-2 (Plots 388, 387, 386, 385 [TW1])**	**260 d**	**Sun 7/7/13**	**Sun 23/3/14**	
724	**Structure Works**	**112 d**	**Sun 7/7/13**	**Sat 26/10/13**	
725	Pile cap	14 d	Sun 7/7/13	Sat 20/7/13	407
726	1st Storey Construction	35 d	Sun 21/7/13	Sat 24/8/13	725
727	2nd Storey Construction	14 d	Sun 25/8/13	Sat 7/9/13	726



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

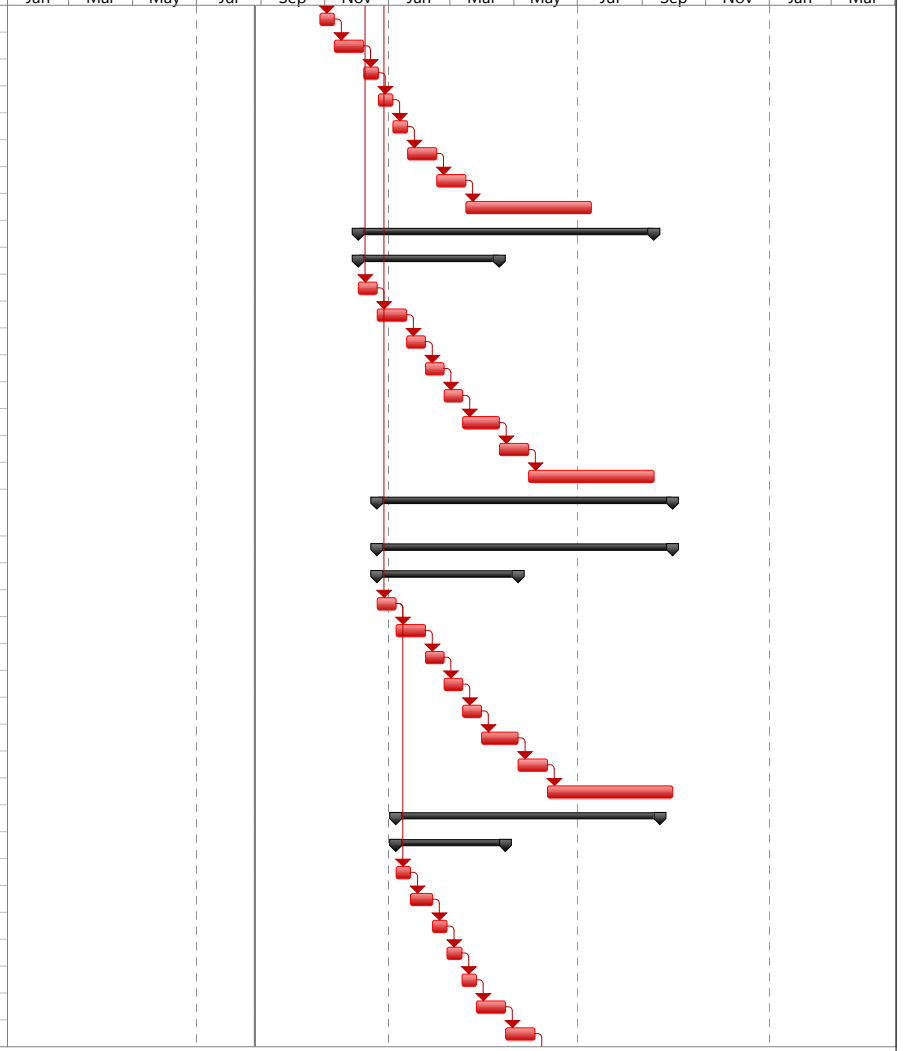
ID	Task Name	Duration	Start	Finish	Predecessors
728	3rd Storey Construction	14 d	Sun 8/9/13	Sat 21/9/13	727
729	Attic Construction	14 d	Sun 22/9/13	Sat 5/10/13	728
730	Roof Construction	21 d	Sun 6/10/13	Sat 26/10/13	729
731	Roofing Works	28 d	Sun 27/10/13	Sat 23/11/13	730
732	Architecture Works	120 d	Sun 24/11/13	Sun 23/3/14	731
733	**Zone C (Plots 384 [TW1], 382, 381, 380, 379, 378 [TW1a])**	**283 d**	**Sun 21/7/13**	**Tue 29/4/14**	
734	**Structure Works**	**135 d**	**Sun 21/7/13**	**Mon 2/12/13**	
735	Pile cap	18 d	Sun 21/7/13	Wed 7/8/13	725
736	1st Storey Construction	35 d	Thu 8/8/13	Wed 11/9/13	735
737	2nd Storey Construction	18 d	Thu 12/9/13	Sun 29/9/13	736
738	3rd Storey Construction	18 d	Mon 30/9/13	Thu 17/10/13	737
739	Attic Construction	18 d	Fri 18/10/13	Mon 4/11/13	738
740	Roof Construction	28 d	Tue 5/11/13	Mon 2/12/13	739
741	Roofing Works	28 d	Tue 3/12/13	Mon 30/12/13	740
742	Architecture Works	120 d	Tue 31/12/13	Tue 29/4/14	741
743	**Zone D (Plots 377 [TW1b], 376, 375, 374, 373 [TW1])**	**283 d**	**Thu 8/8/13**	**Sat 17/5/14**	
744	**Structure Works**	**135 d**	**Thu 8/8/13**	**Fri 20/12/13**	
745	Pile cap	18 d	Thu 8/8/13	Sun 25/8/13	735
746	1st Storey Construction	35 d	Mon 26/8/13	Sun 29/9/13	745
747	2nd Storey Construction	18 d	Mon 30/9/13	Thu 17/10/13	746
748	3rd Storey Construction	18 d	Fri 18/10/13	Mon 4/11/13	747
749	Attic Construction	18 d	Tue 5/11/13	Fri 22/11/13	748
750	Roof Construction	28 d	Sat 23/11/13	Fri 20/12/13	749
751	Roofing Works	28 d	Sat 21/12/13	Fri 17/1/14	750
752	Architecture Works	120 d	Sat 18/1/14	Sat 17/5/14	751
753	**Phase 11B (23 Units exclude Showhouses Car Parking)**	**352 d**	**Sun 13/10/13**	**Mon 29/9/14**	
754	**Zone BB (Plots 401, 402, 403, 404, 405, 416, 417, 418 [TW1])**	**274 d**	**Sun 13/10/13**	**Sun 13/7/14**	
755	**Area BB-1 (Plots 401, 402, 403, 404)**	**260 d**	**Sun 13/10/13**	**Sun 29/6/14**	
756	**Structure Works**	**112 d**	**Sun 13/10/13**	**Sat 1/2/14**	
757	Pile cap	14 d	Sun 13/10/13	Sat 26/10/13	426
758	1st Storey Construction	28 d	Sun 27/10/13	Sat 23/11/13	757
759	2nd Storey Construction	14 d	Sun 24/11/13	Sat 7/12/13	758
760	3rd Storey Construction	14 d	Sun 8/12/13	Sat 21/12/13	759
761	Attic Construction	14 d	Sun 22/12/13	Sat 4/1/14	760
762	Roof Construction	28 d	Sun 5/1/14	Sat 1/2/14	761
763	Roofing Works	28 d	Sun 2/2/14	Sat 1/3/14	762
764	Architecture Works	120 d	Sun 2/3/14	Sun 29/6/14	763
765	**Area BB-2 (405, 416, 471, 417 [TW1])**	**260 d**	**Sun 27/10/13**	**Sun 13/7/14**	
766	**Structure Works**	**112 d**	**Sun 27/10/13**	**Sat 15/2/14**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

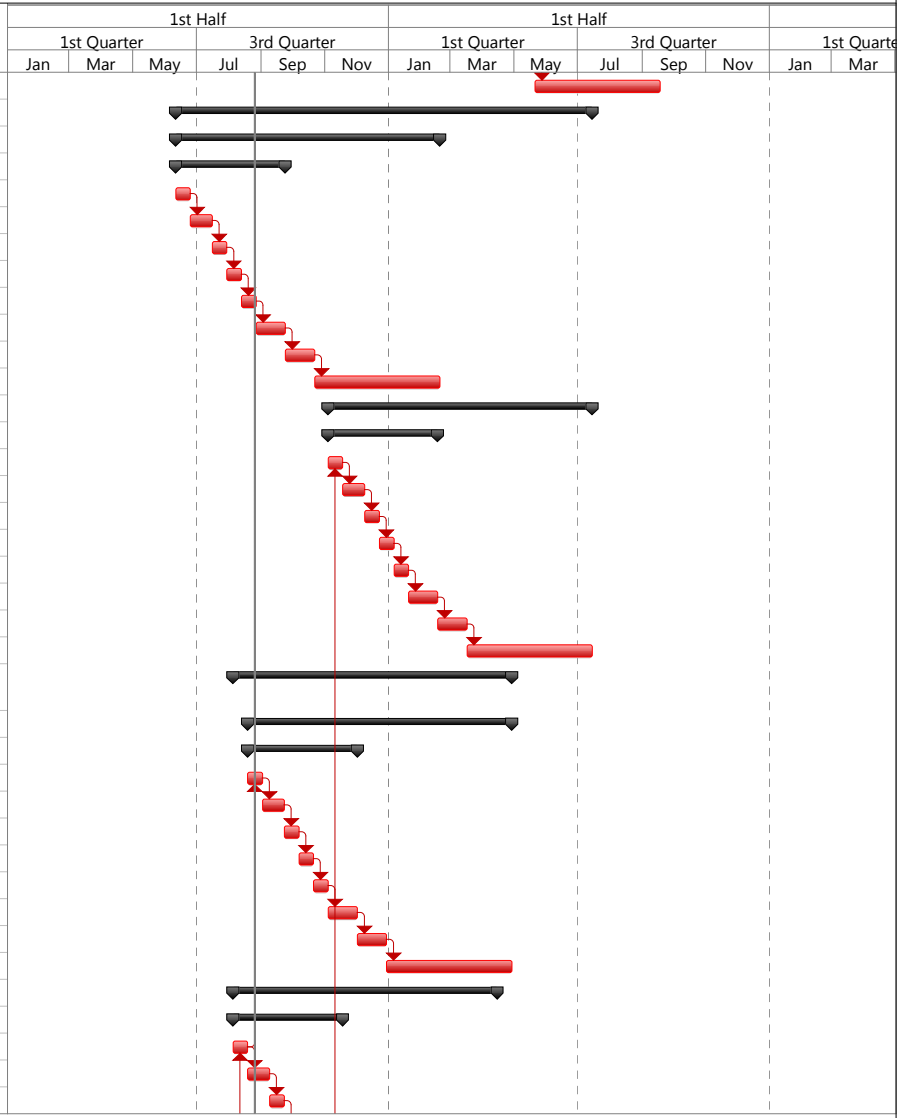
ID	Task Name	Duration	Start	Finish	Predecessors
767	Pile cap	14 d	Sun 27/10/13	Sat 9/11/13	730
768	1st Storey Construction	28 d	Sun 10/11/13	Sat 7/12/13	767
769	2nd Storey Construction	14 d	Sun 8/12/13	Sat 21/12/13	768
770	3rd Storey Construction	14 d	Sun 22/12/13	Sat 4/1/14	769
771	Attic Construction	14 d	Sun 5/1/14	Sat 18/1/14	770
772	Roof Construction	28 d	Sun 19/1/14	Sat 15/2/14	771
773	Roofing Works	28 d	Sun 16/2/14	Sat 15/3/14	772
774	Architecture Works	120 d	Sun 16/3/14	Sun 13/7/14	773
775	**Zone CC (Plots 419 [TW1], 420, 421, 422, 423, 424[TW1])**	**283 d**	**Tue 3/12/13**	**Thu 11/9/14**	
776	**Structure Works**	**135 d**	**Tue 3/12/13**	**Wed 16/4/14**	
777	Pile cap	18 d	Tue 3/12/13	Fri 20/12/13	740
778	1st Storey Construction	28 d	Sat 21/12/13	Fri 17/1/14	777
779	2nd Storey Construction	18 d	Sat 18/1/14	Tue 4/2/14	778
780	3rd Storey Construction	18 d	Wed 5/2/14	Sat 22/2/14	779
781	Attic Construction	18 d	Sun 23/2/14	Wed 12/3/14	780
782	Roof Construction	35 d	Thu 13/3/14	Wed 16/4/14	781
783	Roofing Works	28 d	Thu 17/4/14	Wed 14/5/14	782
784	Architecture Works	120 d	Thu 15/5/14	Thu 11/9/14	783
785	**Zone DD (Plots 425 [TW1e], 426, 427, 428 429, 430, 431, 432, 433 [TW1])**	**283 d**	**Sat 21/12/13**	**Mon 29/9/14**	
786	**Area DD-1 (Plots 425 [TW1e], 426, 427, 428 429)**	**283 d**	**Sat 21/12/13**	**Mon 29/9/14**	
787	**Structure Works**	**135 d**	**Sat 21/12/13**	**Sun 4/5/14**	
788	Pile cap	18 d	Sat 21/12/13	Tue 7/1/14	750
789	1st Storey Construction	28 d	Wed 8/1/14	Tue 4/2/14	788
790	2nd Storey Construction	18 d	Wed 5/2/14	Sat 22/2/14	789
791	3rd Storey Construction	18 d	Sun 23/2/14	Wed 12/3/14	790
792	Attic Construction	18 d	Thu 13/3/14	Sun 30/3/14	791
793	Roof Construction	35 d	Mon 31/3/14	Sun 4/5/14	792
794	Roofing Works	28 d	Mon 5/5/14	Sun 1/6/14	793
795	Architecture Works	120 d	Mon 2/6/14	Mon 29/9/14	794
796	**Area DD-2 (Plots 430, 431, 432, 433)**	**253 d**	**Wed 8/1/14**	**Wed 17/9/14**	
797	**Structure Works**	**105 d**	**Wed 8/1/14**	**Tue 22/4/14**	
798	Pile cap	14 d	Wed 8/1/14	Tue 21/1/14	788
799	1st Storey Construction	21 d	Wed 22/1/14	Tue 11/2/14	798
800	2nd Storey Construction	14 d	Wed 12/2/14	Tue 25/2/14	799
801	3rd Storey Construction	14 d	Wed 26/2/14	Tue 11/3/14	800
802	Attic Construction	14 d	Wed 12/3/14	Tue 25/3/14	801
803	Roof Construction	28 d	Wed 26/3/14	Tue 22/4/14	802
804	Roofing Works	28 d	Wed 23/4/14	Tue 20/5/14	803



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

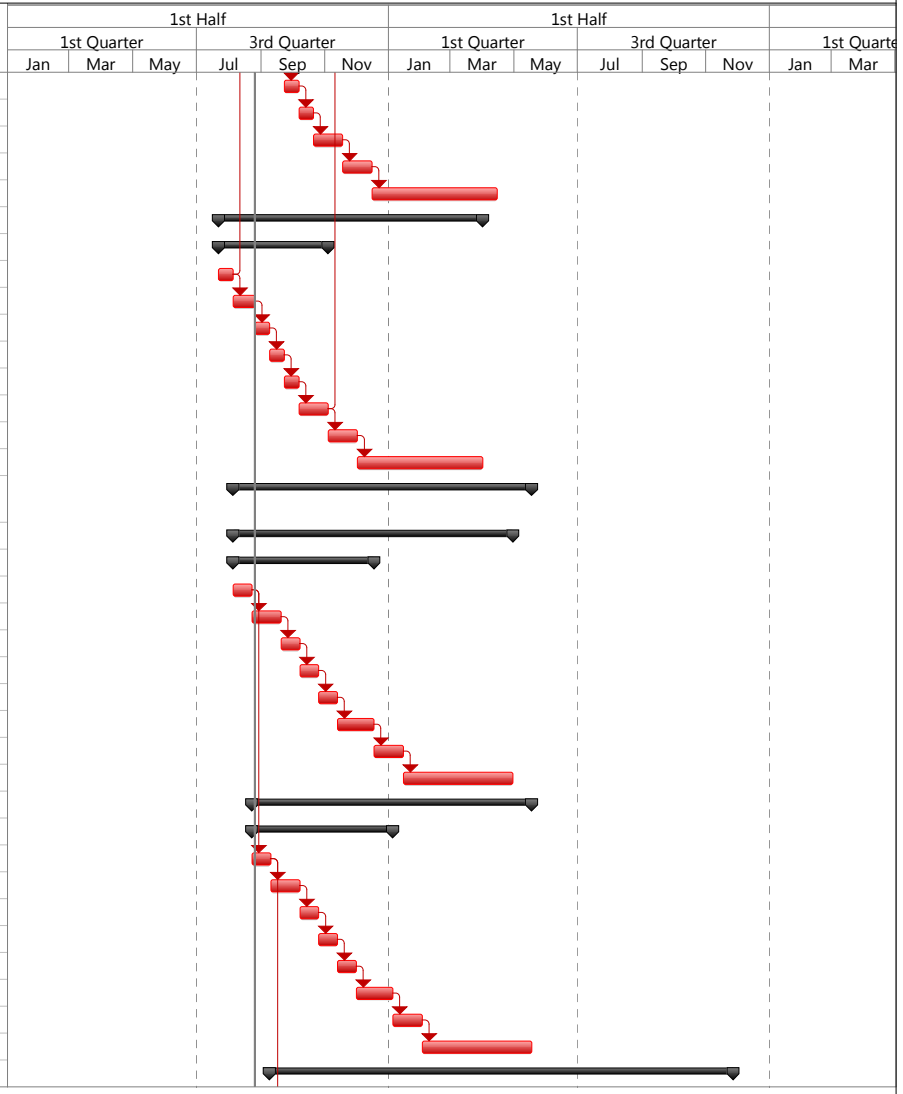
ID	Task Name	Duration	Start	Finish	Predecessors
805	Architecture Works	120 d	Wed 21/5/14	Wed 17/9/14	804
806	**Phase 12 (31 Units)**	**399 d**	**Tue 11/6/13**	**Mon 14/7/14**	
807	**Zone E (Plots 434 [TW1c], 435 [TW], 436 [TW], 437 [TWId])**	**253 d**	**Tue 11/6/13**	**Tue 18/2/14**	
808	**Structure Works**	**105 d**	**Tue 11/6/13**	**Mon 23/9/13**	
809	Pile cap	14 d	Tue 11/6/13	Mon 24/6/13	
810	1st Storey Construction	21 d	Tue 25/6/13	Mon 15/7/13	809
811	2nd Storey Construction	14 d	Tue 16/7/13	Mon 29/7/13	810
812	3rd Storey Construction	14 d	Tue 30/7/13	Mon 12/8/13	811
813	Attic Construction	14 d	Tue 13/8/13	Mon 26/8/13	812
814	Roof Construction	28 d	Tue 27/8/13	Mon 23/9/13	813
815	Roofing Works	28 d	Tue 24/9/13	Mon 21/10/13	814
816	Architecture Works	120 d	Tue 22/10/13	Tue 18/2/14	815
817	**Zone F (Plots 438[TY3], 439[TY2], 440[TY2], 441[TY2])**	**253 d**	**Mon 4/11/13**	**Mon 14/7/14**	
818	**Structure Works**	**105 d**	**Mon 4/11/13**	**Sun 16/2/14**	
819	Pile cap	14 d	Mon 4/11/13	Sun 17/11/13	855
820	1st Storey Construction	21 d	Mon 18/11/13	Sun 8/12/13	819
821	2nd Storey Construction	14 d	Mon 9/12/13	Sun 22/12/13	820
822	3rd Storey Construction	14 d	Mon 23/12/13	Sun 5/1/14	821
823	Attic Construction	14 d	Mon 6/1/14	Sun 19/1/14	822
824	Roof Construction	28 d	Mon 20/1/14	Sun 16/2/14	823
825	Roofing Works	28 d	Mon 17/2/14	Sun 16/3/14	824
826	Architecture Works	120 d	Mon 17/3/14	Mon 14/7/14	825
827	**Zone G (Plots 442 [TY], 443 [TY], 444 [TY], 445 [TY], 446 [TY], 447 [TY], 449 [TY], 450 [TY1])**	**267 d**	**Mon 5/8/13**	**Mon 28/4/14**	
828	**Area G-1 (Plots 442, 443, 444, 445)**	**253 d**	**Mon 19/8/13**	**Mon 28/4/14**	
829	**Structure Works**	**105 d**	**Mon 19/8/13**	**Sun 1/12/13**	
830	Pile cap	14 d	Mon 19/8/13	Sun 1/9/13	840
831	1st Storey Construction	21 d	Mon 2/9/13	Sun 22/9/13	830
832	2nd Storey Construction	14 d	Mon 23/9/13	Sun 6/10/13	831
833	3rd Storey Construction	14 d	Mon 7/10/13	Sun 20/10/13	832
834	Attic Construction	14 d	Mon 21/10/13	Sun 3/11/13	833
835	Roof Construction	28 d	Mon 4/11/13	Sun 1/12/13	834
836	Roofing Works	28 d	Mon 2/12/13	Sun 29/12/13	835
837	Architecture Works	120 d	Mon 30/12/13	Mon 28/4/14	836
838	**Area G-2 (Plots 446, 447, 449, 450)**	**253 d**	**Mon 5/8/13**	**Mon 14/4/14**	
839	**Structure Works**	**105 d**	**Mon 5/8/13**	**Sun 17/11/13**	
840	Pile cap	14 d	Mon 5/8/13	Sun 18/8/13	850
841	1st Storey Construction	21 d	Mon 19/8/13	Sun 8/9/13	840
842	2nd Storey Construction	14 d	Mon 9/9/13	Sun 22/9/13	841



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

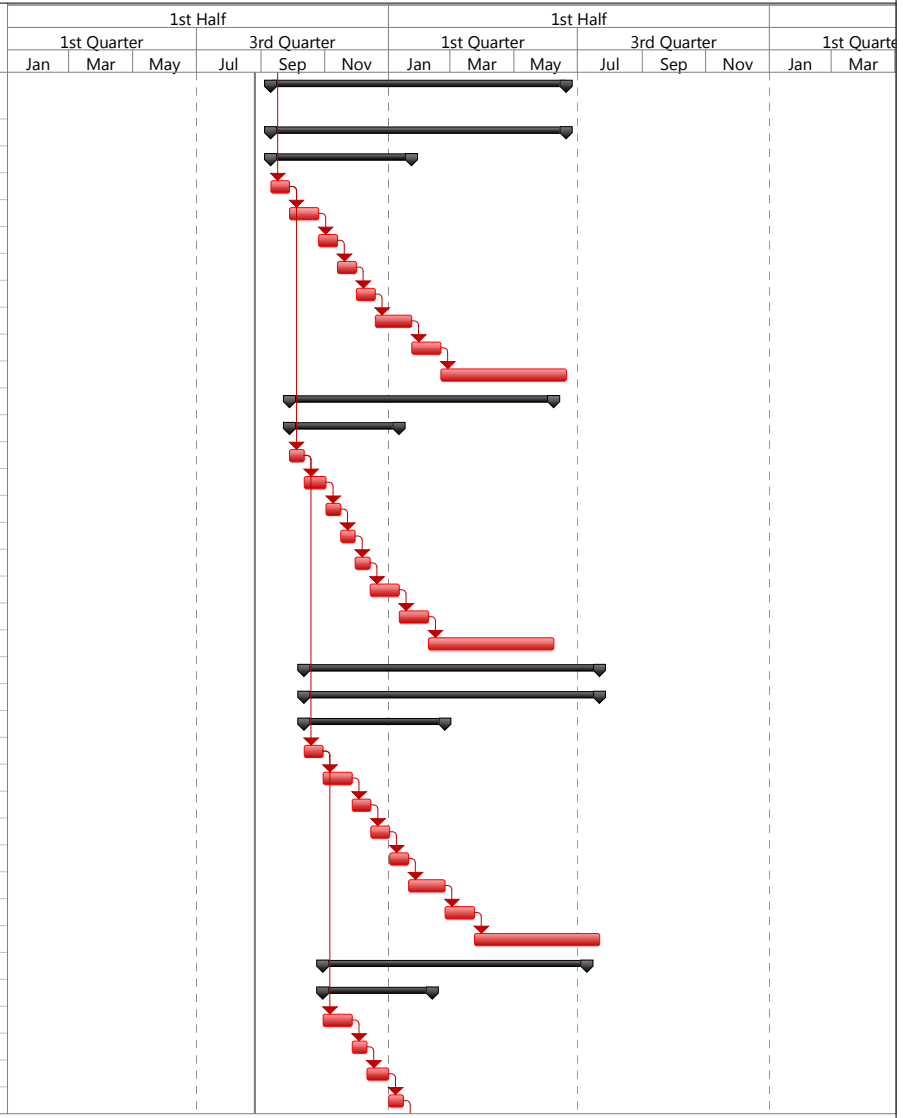
ID	Task Name	Duration	Start	Finish	Predecessors
843	3rd Storey Construction	14 d	Mon 23/9/13	Sun 6/10/13	842
844	Attic Construction	14 d	Mon 7/10/13	Sun 20/10/13	843
845	Roof Construction	28 d	Mon 21/10/13	Sun 17/11/13	844
846	Roofing Works	28 d	Mon 18/11/13	Sun 15/12/13	845
847	Architecture Works	120 d	Mon 16/12/13	Mon 14/4/14	846
848	**Zone H (Plots 451 [TY1], 452 [TY], 453 [TY3])**	**253 d**	**Mon 22/7/13**	**Mon 31/3/14**	
849	**Structure Works**	**105 d**	**Mon 22/7/13**	**Sun 3/11/13**	
850	Pile cap	14 d	Mon 22/7/13	Sun 4/8/13	
851	1st Storey Construction	21 d	Mon 5/8/13	Sun 25/8/13	850
852	2nd Storey Construction	14 d	Mon 26/8/13	Sun 8/9/13	851
853	3rd Storey Construction	14 d	Mon 9/9/13	Sun 22/9/13	852
854	Attic Construction	14 d	Mon 23/9/13	Sun 6/10/13	853
855	Roof Construction	28 d	Mon 7/10/13	Sun 3/11/13	854
856	Roofing Works	28 d	Mon 4/11/13	Sun 1/12/13	855
857	Architecture Works	120 d	Mon 2/12/13	Mon 31/3/14	856
858	**Zone K (Plots 456 [TX1], 457, 458, 459, 460, 461, 462, 463, 464, 469, 491, 492 [TX1])**	**286 d**	**Mon 5/8/13**	**Sat 17/5/14**	
859	**Area K-1 (Plots 456 [TX1], 457, 458, 459, 460, 461)**	**268 d**	**Mon 5/8/13**	**Tue 29/4/14**	
860	**Structure Works**	**135 d**	**Mon 5/8/13**	**Tue 17/12/13**	
861	Pile cap	18 d	Mon 5/8/13	Thu 22/8/13	
862	1st Storey Construction	28 d	Fri 23/8/13	Thu 19/9/13	861
863	2nd Storey Construction	18 d	Fri 20/9/13	Mon 7/10/13	862
864	3rd Storey Construction	18 d	Tue 8/10/13	Fri 25/10/13	863
865	Attic Construction	18 d	Sat 26/10/13	Tue 12/11/13	864
866	Roof Construction	35 d	Wed 13/11/13	Tue 17/12/13	865
867	Roofing Works	28 d	Wed 18/12/13	Tue 14/1/14	866
868	Architecture Works	105 d	Wed 15/1/14	Tue 29/4/14	867
869	**Area K-2 (Plots 462, 463, 464, 469, 491, 492 [TX1])**	**268 d**	**Fri 23/8/13**	**Sat 17/5/14**	
870	**Structure Works**	**135 d**	**Fri 23/8/13**	**Sat 4/1/14**	
871	Pile cap	18 d	Fri 23/8/13	Mon 9/9/13	861
872	1st Storey Construction	28 d	Tue 10/9/13	Mon 7/10/13	871
873	2nd Storey Construction	18 d	Tue 8/10/13	Fri 25/10/13	872
874	3rd Storey Construction	18 d	Sat 26/10/13	Tue 12/11/13	873
875	Attic Construction	18 d	Wed 13/11/13	Sat 30/11/13	874
876	Roof Construction	35 d	Sun 1/12/13	Sat 4/1/14	875
877	Roofing Works	28 d	Sun 5/1/14	Sat 1/2/14	876
878	Architecture Works	105 d	Sun 2/2/14	Sat 17/5/14	877
879	**Phase 13 - TYPE TX & TX1 (33 Units)**	**444 d**	**Mon 9/9/13**	**Wed 26/11/14**	



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

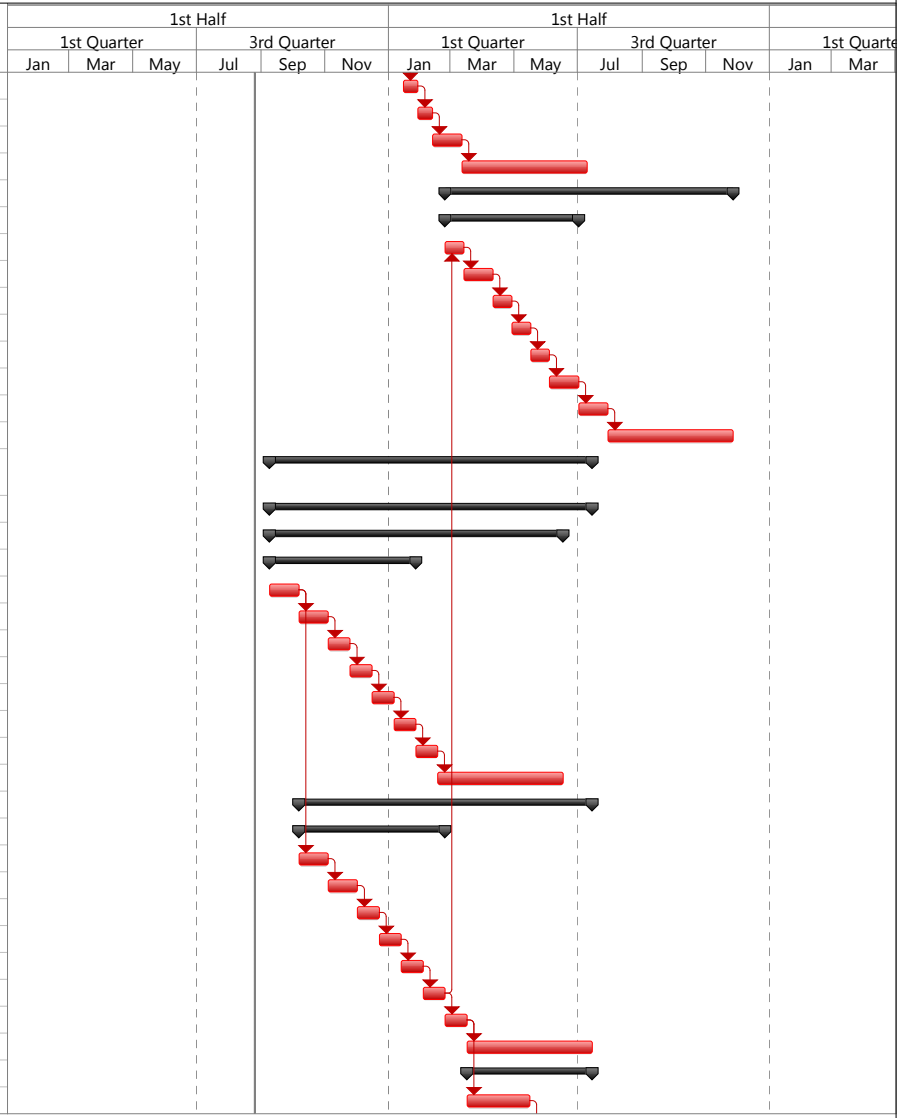
ID	Task Name	Duration	Start	Finish	Predecessors
880	**Zone L (Plots 497 [TX1], 498, 512, 513, 514, 515, 516, 517, 518 [TX1])**	**283 d**	**Tue 10/9/13**	**Thu 19/6/14**	
881	**Area L-1 (Plots 497 [TX1], 498, 512, 513, 514)**	**283 d**	**Tue 10/9/13**	**Thu 19/6/14**	
882	**Structure Works**	**135 d**	**Tue 10/9/13**	**Wed 22/1/14**	
883	Pile cap	18 d	Tue 10/9/13	Fri 27/9/13	871
884	1st Storey Construction	28 d	Sat 28/9/13	Fri 25/10/13	883
885	2nd Storey Construction	18 d	Sat 26/10/13	Tue 12/11/13	884
886	3rd Storey Construction	18 d	Wed 13/11/13	Sat 30/11/13	885
887	Attic Construction	18 d	Sun 1/12/13	Wed 18/12/13	886
888	Roof Construction	35 d	Thu 19/12/13	Wed 22/1/14	887
889	Roofing Works	28 d	Thu 23/1/14	Wed 19/2/14	888
890	Architecture Works	120 d	Thu 20/2/14	Thu 19/6/14	889
891	**Area L-2 (Plots 515, 516, 517, 518 [TX1])**	**253 d**	**Sat 28/9/13**	**Sat 7/6/14**	
892	**Structure Works**	**105 d**	**Sat 28/9/13**	**Fri 10/1/14**	
893	Pile cap	14 d	Sat 28/9/13	Fri 11/10/13	883
894	1st Storey Construction	21 d	Sat 12/10/13	Fri 1/11/13	893
895	2nd Storey Construction	14 d	Sat 2/11/13	Fri 15/11/13	894
896	3rd Storey Construction	14 d	Sat 16/11/13	Fri 29/11/13	895
897	Attic Construction	14 d	Sat 30/11/13	Fri 13/12/13	896
898	Roof Construction	28 d	Sat 14/12/13	Fri 10/1/14	897
899	Roofing Works	28 d	Sat 11/1/14	Fri 7/2/14	898
900	Architecture Works	120 d	Sat 8/2/14	Sat 7/6/14	899
901	**Zone M (Plots 519 [TX1], 520, 521, 522, 523, 524, 525, 526, 527)**	**283 d**	**Sat 12/10/13**	**Mon 21/7/14**	
902	**Area M-1 (Plots 519, 520, 521, 522, 523)**	**283 d**	**Sat 12/10/13**	**Mon 21/7/14**	
903	**Structure Works**	**135 d**	**Sat 12/10/13**	**Sun 23/2/14**	
904	Pile cap	18 d	Sat 12/10/13	Tue 29/10/13	893
905	1st Storey Construction	28 d	Wed 30/10/13	Tue 26/11/13	904
906	2nd Storey Construction	18 d	Wed 27/11/13	Sat 14/12/13	905
907	3rd Storey Construction	18 d	Sun 15/12/13	Wed 1/1/14	906
908	Attic Construction	18 d	Thu 2/1/14	Sun 19/1/14	907
909	Roof Construction	35 d	Mon 20/1/14	Sun 23/2/14	908
910	Roofing Works	28 d	Mon 24/2/14	Sun 23/3/14	909
911	Architecture Works	120 d	Mon 24/3/14	Mon 21/7/14	910
912	**Area M-2 (Plots 524, 525, 526, 527)**	**253 d**	**Wed 30/10/13**	**Wed 9/7/14**	
913	**Structure Works**	**105 d**	**Wed 30/10/13**	**Tue 11/2/14**	
914	Pile cap	28 d	Wed 30/10/13	Tue 26/11/13	904
915	1st Storey Construction	14 d	Wed 27/11/13	Tue 10/12/13	914
916	2nd Storey Construction	21 d	Wed 11/12/13	Tue 31/12/13	915
917	3rd Storey Construction	14 d	Wed 1/1/14	Tue 14/1/14	916



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

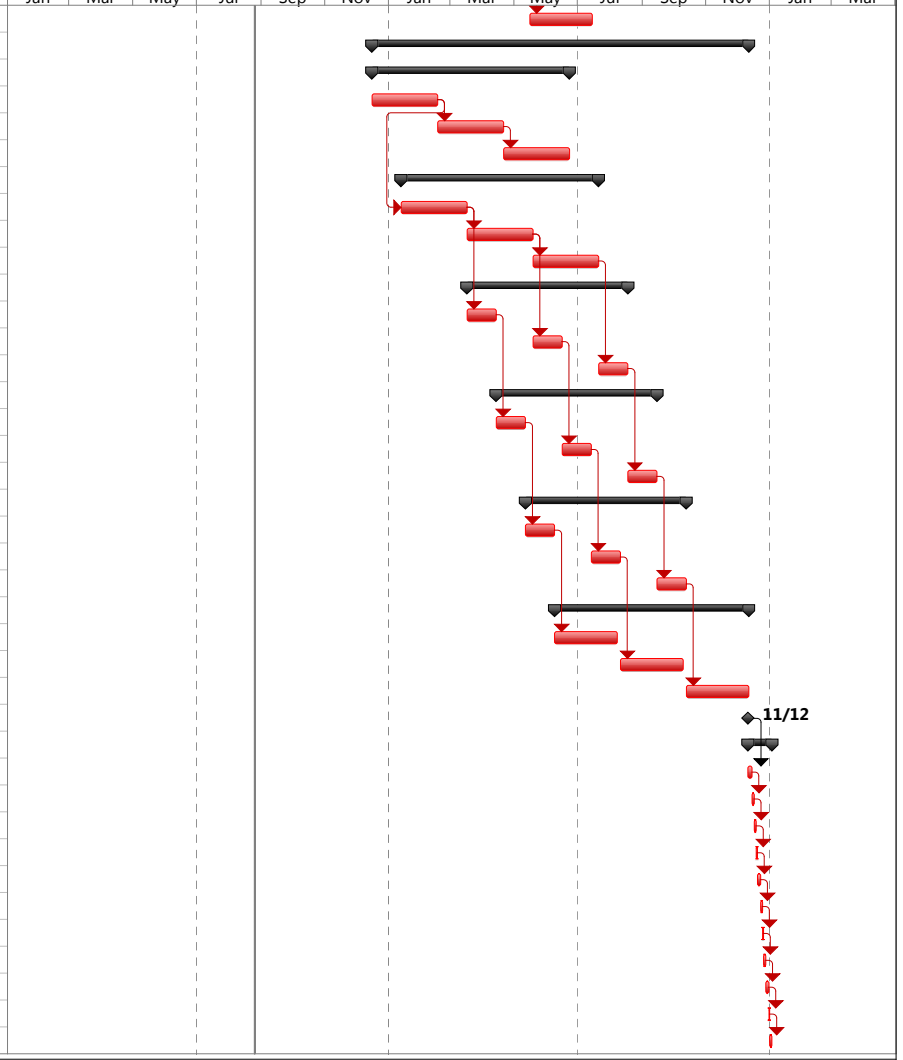
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918	Attic Construction	14 d	Wed 15/1/14	Tue 28/1/14	917
919	Roof Construction	14 d	Wed 29/1/14	Tue 11/2/14	918
920	Roofing Works	28 d	Wed 12/2/14	Tue 11/3/14	919
921	Architecture Works	120 d	Wed 12/3/14	Wed 9/7/14	920
922	**Zone N (Plots 528, 529, 530 [TX1], 531 [TX1])**	**276 d**	**Mon 24/2/14**	**Wed 26/11/14**	
923	**Structure Works**	**128 d**	**Mon 24/2/14**	**Tue 1/7/14**	
924	Pile cap	18 d	Mon 24/2/14	Thu 13/3/14	951
925	1st Storey Construction	28 d	Fri 14/3/14	Thu 10/4/14	924
926	2nd Storey Construction	18 d	Fri 11/4/14	Mon 28/4/14	925
927	3rd Storey Construction	18 d	Tue 29/4/14	Fri 16/5/14	926
928	Attic Construction	18 d	Sat 17/5/14	Tue 3/6/14	927
929	Roof Construction	28 d	Wed 4/6/14	Tue 1/7/14	928
930	Roofing Works	28 d	Wed 2/7/14	Tue 29/7/14	929
931	Architecture Works	120 d	Wed 30/7/14	Wed 26/11/14	930
932	**Zone P (Plots 542 [TX1], 541, 540, 539, 538, 537, 536, 535, 534, 533. 532)**	**309 d**	**Mon 9/9/13**	**Mon 14/7/14**	
933	**STAGE 1 - Exclude Car Park Area)**	**309 d**	**Mon 9/9/13**	**Mon 14/7/14**	
934	**Area P-1 (Plots 542 [TX1], 541, 540, 539, 538,537)**	**281 d**	**Mon 9/9/13**	**Mon 16/6/14**	
935	**Structure Works**	**140 d**	**Mon 9/9/13**	**Sun 26/1/14**	
936	Pile cap	28 d	Mon 9/9/13	Sun 6/10/13	
937	1st Storey Construction	28 d	Mon 7/10/13	Sun 3/11/13	936
938	2nd Storey Construction	21 d	Mon 4/11/13	Sun 24/11/13	937
939	3rd Storey Construction	21 d	Mon 25/11/13	Sun 15/12/13	938
940	Attic Construction	21 d	Mon 16/12/13	Sun 5/1/14	939
941	Roof Construction	21 d	Mon 6/1/14	Sun 26/1/14	940
942	Roofing Works	21 d	Mon 27/1/14	Sun 16/2/14	941
943	Architecture Works	120 d	Mon 17/2/14	Mon 16/6/14	942
944	**Area P-2 (Plots 536, 535, 534, 533, 532)**	**281 d**	**Mon 7/10/13**	**Mon 14/7/14**	
945	**Structure Works**	**140 d**	**Mon 7/10/13**	**Sun 23/2/14**	
946	Pile cap	28 d	Mon 7/10/13	Sun 3/11/13	936
947	1st Storey Construction	28 d	Mon 4/11/13	Sun 1/12/13	946
948	2nd Storey Construction	21 d	Mon 2/12/13	Sun 22/12/13	947
949	3rd Storey Construction	21 d	Mon 23/12/13	Sun 12/1/14	948
950	Attic Construction	21 d	Mon 13/1/14	Sun 2/2/14	949
951	Roof Construction	21 d	Mon 3/2/14	Sun 23/2/14	950
952	Roofing Works	21 d	Mon 24/2/14	Sun 16/3/14	951
953	Architecture Works	120 d	Mon 17/3/14	Mon 14/7/14	952
954	**STAGE 2 - Car Park Area**	**120 d**	**Mon 17/3/14**	**Mon 14/7/14**	
955	Area P-1 (Plots 542 [TX1], 541, 540, 539, 538,537)	60 d	Mon 17/3/14	Thu 15/5/14	952



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

ID	Task Name	Duration	Start	Finish	Predecessors
956	Area P-2 (Plots 536, 535, 534, 533, 532)	60 d	Fri 16/5/14	Mon 14/7/14	955
957	**INFRASTRUCTURE WORKS**	**361 d**	**Mon 16/12/13**	**Thu 11/12/14**	
958	**MINOR SEWER**	**189 d**	**Mon 16/12/13**	**Sun 22/6/14**	
959	Sector A	63 d	Mon 16/12/13	Sun 16/2/14	
960	Sector B	63 d	Mon 17/2/14	Sun 20/4/14	959
961	Sector C	63 d	Mon 21/4/14	Sun 22/6/14	960
962	**DRAIN WORK**	**189 d**	**Mon 13/1/14**	**Sun 20/7/14**	
963	Sector A	63 d	Mon 13/1/14	Sun 16/3/14	959FS-35 d
964	Sector B	63 d	Mon 17/3/14	Sun 18/5/14	963
965	Sector C	63 d	Mon 19/5/14	Sun 20/7/14	964
966	**POWER**	**154 d**	**Mon 17/3/14**	**Sun 17/8/14**	
967	Sector A	28 d	Mon 17/3/14	Sun 13/4/14	963
968	Sector B	28 d	Mon 19/5/14	Sun 15/6/14	964
969	Sector C	28 d	Mon 21/7/14	Sun 17/8/14	965
970	**TELECOM & SCV**	**154 d**	**Mon 14/4/14**	**Sun 14/9/14**	
971	Sector A	28 d	Mon 14/4/14	Sun 11/5/14	967
972	Sector B	28 d	Mon 16/6/14	Sun 13/7/14	968
973	Sector C	28 d	Mon 18/8/14	Sun 14/9/14	969
974	**WATER**	**154 d**	**Mon 12/5/14**	**Sun 12/10/14**	
975	Sector A	28 d	Mon 12/5/14	Sun 8/6/14	971
976	Sector B	28 d	Mon 14/7/14	Sun 10/8/14	972
977	Sector C	28 d	Mon 15/9/14	Sun 12/10/14	973
978	**ROAD WORKS**	**186 d**	**Mon 9/6/14**	**Thu 11/12/14**	
979	Sector A	60 d	Mon 9/6/14	Thu 7/8/14	975
980	Sector B	60 d	Mon 11/8/14	Thu 9/10/14	976
981	Sector C	60 d	Mon 13/10/14	Thu 11/12/14	977
982	Service Connection and Turn-On	0 d	Thu 11/12/14	Thu 11/12/14	
983	**TOP**	**23 d**	**Thu 11/12/14**	**Fri 2/1/15**	
984	M & E testing & Commissioning	4 d	Thu 11/12/14	Sun 14/12/14	982
985	M & E RI Pre-Inspection	2 d	Mon 15/12/14	Tue 16/12/14	984
986	M & E rectification works	2 d	Wed 17/12/14	Thu 18/12/14	985
987	M & E RI Final Inspection	1 d	Fri 19/12/14	Fri 19/12/14	986
988	Architectural RI Pre-Inspection	3 d	Sat 20/12/14	Mon 22/12/14	987
989	Architectural rectification works	2 d	Tue 23/12/14	Wed 24/12/14	988
990	Architectural RI Final Inspection	1 d	Thu 25/12/14	Thu 25/12/14	989
991	BCA Inspection	2 d	Fri 26/12/14	Sat 27/12/14	990
992	Rectification works	3 d	Sun 28/12/14	Tue 30/12/14	991
993	BCA Final Inspection	1 d	Wed 31/12/14	Wed 31/12/14	992
994	Obtain Partial TOP	2 d	Thu 1/1/15	Fri 2/1/15	993



Project: 2013 08 05 - Springside Maste
Date: 05th August 2013

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

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	By Electrical Contractor								-
Power Supply Substation (LT reticulation)	SP PowerGrid Ltd	-	19 Nov 12							13 Dec 13
Metering Layout	SP Services Ltd	By Electrical Contractor								-
Sanitary Installation	PUB Water Reclamation (Network) Dept	Pending CBPU DC clearance								-
Domestic Water Supply	PUB (Water Supply) Network Dept	-	05 Dec 12							03 Jan 13
Gas Supply Installation	City Gas Pte Ltd	N.A.								-
Air Conditioning & Ventilation Inst.	FSSD	N.A.								-
Fire Fighting & Alarm Installation	FSSD	N.A.								-
Telephone Installation	TFCC	Phase 11A Phase 11B Phase 12 Phase 13	20 Nov 12							Phase 11A – 11 Jan 13 Phase 11B – 02 Jan 13 Phase 12 – 14 Jan 13 Phase 13 – 08 Jan 13
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD	N.A.								-
	NEA (Pollution Control)	N.A.								-

SECTION 4

PROGRAMME

4.3 Authority Submission Status for M&E Services (Amendments) - 2nd Submission – NOT USED

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd									
Power Supply Substation	SP PowerGrid Ltd									
Metering Layout	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply	PUB (Water Supply) Network Dept									
Gas Supply Installation	City Gas Pte Ltd									
Air Conditioning & Ventilation Inst.	FSSD									
Fire Fighting & Alarm Installation	FSSD									
Telephone Installation	TFCC									
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: 6080		File Ref:		File Ref:	
- PP/VO	✓				

(✓*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	Incoming soft copy in server
Incoming Architectural Sketches/Details	Incoming soft copy in server
Incoming Structural Drawings	Incoming soft copy in server
M&E Drawings	
- Electrical Installation	Goh Xiang Fei
- Lift & Escalator Installation	N.A.
- Air Conditioning & Ventilation Installation	Lim Chin Woo
- Fire Fighting & Alarm Installation	N.A.
- Plumbing & Sanitary Installation	Lim Chin Woo
- Swimming Pool & Filtration Installation	Lim Chin Woo
Other Drawings	

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	M&E Design Report	N.A
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface With External Design Teams	M&E Design Report	N.A
	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*)

Note: M&E design report not required by Client

SECTION 6

INTERFACING

6.2 Internal Design Interface

Item No.	Description*	Required From	Required By	Date Required	Remarks
1.	Power requirement on Mechanical Item	KBK	GXF	-	Completed

** Information required by INTERNAL DESIGN TEAM MEMBERS*

SECTION 6

INTERFACING

6.3 Circulation of Documents to External Parties

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

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 USED

ITEM	KEPT BY

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	CP 5
Lightning Protection System	SS 555
Emergency Voice Communication System	N.A.
Air Conditioning & Ventilation Installation	SS 553
Lift & Escalator Installation	N.A.
Sprinkler System	N.A.
Wet Riser System	N.A.
Automatic Fire Alarm System	N.A.
Sanitary System	COP on Sanitary & Sewerage Works
Plumbing System	CP 48
Town Gas/LPG Supply System	N.A.
Boiler and Steam Supply System	N.A.
Mechanical Smoke Control System	N.A.

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used – NOT 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 USED

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

*To fill in actual information

8.5 List of Applicable Quality System Procedures

Alpha Consulting Engineers Pte Ltd's Quality Management System Procedures

Section	Title	✓ where applicable
M1	Preparation of Consultancy Offer	✓
M2	Project Commissioning and Service Agreement	✓
M3	Design Control	✓
M4	Design Change Control	✓
M5	Tender Process and Evaluation	✓
M6	Authority Submission	✓
M7	Construction Process Control	✓
M8	Testing and Commissioning	✓
S1	Document Control	✓
S2	Documentation of Quality & Environmental Management System Procedure	✓
S3	Documentation of Project Quality Plan	✓
S4	Specification Control	✓
S5	Library Control	✓
S6	Archive Control	✓
S7	Filing Control	✓
S8	Drawing Control	✓
S9	Administration Control	✓
S10	Purchasing Control	
S11	Training Control	
S12	Computer Control	
QE1	Quality & Environmental System Audit	✓
QE2	Feedback Reporting	✓
QE3	Clients Feedback	✓
QE4	Management Review	✓

8.6 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Calculux	2.30	Philips	Lighting design	
Cophos	3.31	Zumtobel	Lighting design	
Carrier E20-II	3.21	Carrier	Programme for determination of heat load, duct size and its losses, etc.	✓
Gensize 2	2.1	Onan	Generator sizing	
Lift Traffic	-	Alpha Consulting Engineers Pte Ltd	Lift traffic calculation	
Econdial	2.5	Merlin Gerlin	Design for low voltage network	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Fault Level Calculation	-	Alpha Consulting Engineers Pte Ltd	Calculation of voltage drop and fault level	

(✓*where applicable*)

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.1 Sustainable Design Features / Criteria

Item	Remarks
Green Mark criteria	N.A.
Green Design Features	N.A.

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	Ms Chua Wee LI
Alarm system / methods	-

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.4 Reporting of Environmental Non-conformances

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

9.5 List of Applicable Environmental management system Procedures – NOT USED

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	N.A.
M&E Cost Estimate Report	A
Pre-Qualification of Tenderers	A
Tender Documents	C
Tender Report	C
Payment Valuation for QS	I
Certificates of Supervision for TOP/CSC	Re

* *Remarks*

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

Other purposes and for action: please specify.

10.2 Specific Procedures Required By Client *(If applicable)* – NOT USED

SECTION 11

LIST OF SUB-JOB

11.1 List of Sub-Job Numbers – NOT USED

Sub Job No	Description	Allocation Details