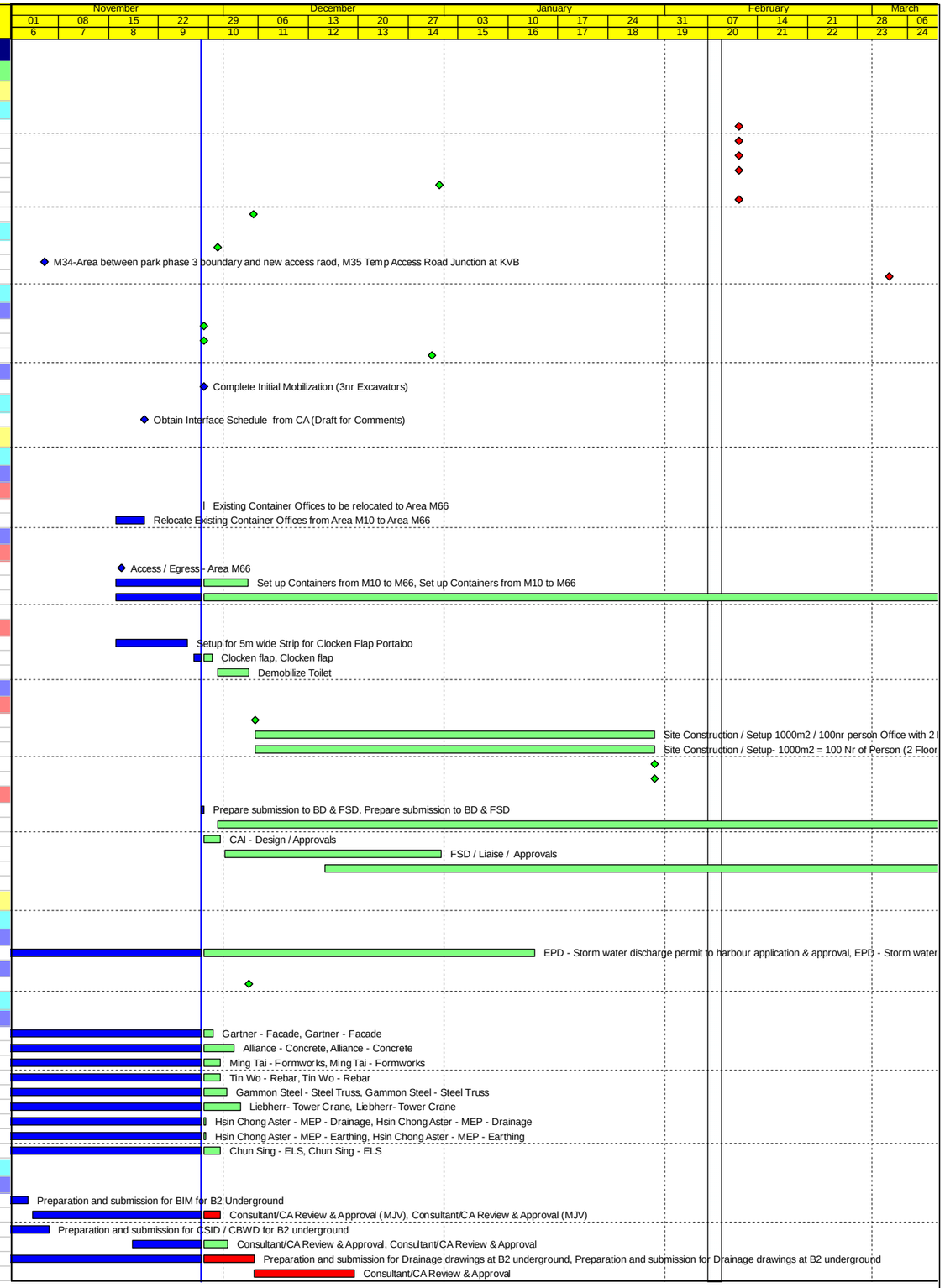
Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
M+3MRP - Rev B (1st Draft)							
M+.10 Prelims							
M+.10.00 Key Dates / IAS / LOC							
Access Date							
3M3A1020	Access date M05 - SPS	11-Feb-16		0			286
3M3A1030	Access date M06 - ICP	11-Feb-16		0			286
3M3A1040	Access date M07 - ICP	11-Feb-16		0			286
3M3A1050	Access date M22 - ICP/SPS	11-Feb-16		0			286
3M3A1060	Access date M23 - Park Area	31-Dec-15		0			319
3M3A1070	Access date M32 - ICP & SPS	11-Feb-16		0			286
3M3A1080	Access date M65 , M67 , M68 - Virtual Mock Up (VMU)	05-Dec-15		0			340
Vacation Date							
3MVD1000	M21-M+ north west area within at-grade road, M22-ICP/SPS frontage within at-grade road, (M72)	30-Nov-15		0			344
3MVD1010	M34-Area between park phase 3 boundary and new access raod, M35 Temp Access Road Junction at KVB	06-Nov-15 A		0			
3MVD1020	M14a, M15, M16, East boundary Lyric Interface	03-Mar-16		0			269
Milestone Dates							
Cost Centre A - Preliminaries & General requirements							
3MMSA01	Complete Construction Programme and Methodology Submission and Presentation	28-Nov-15		0			346
3MMSA02	Obtain approval from Contractor Admin on: Proj Man Doc's. Construction Prog., Insurance, mobilisation, etc	28-Nov-15		0			346
3MMSA03	Compliance Review to the Contract Administrator's satisfaction	30-Dec-15		0			320
Cost Centre B - M+							
3MMSB01	Complete Initial Mobilization (3nr Excavators)	28-Nov-15 A		0			
Other information as requested by the Contract Administrator							
3MMS01	Obtain Interface Schedule from CA (Draft for Comments)	20-Nov-15 A		0			
M+.10.10 Site Accommodation & Facilities							
M+ Site Offices							
Stage 1							
Existing Container Offices - Area M10							
3MSO015	Existing Container Offices to be relocated to Area M66	28-Nov-15 A	28-Nov-15 A	38			
3MSO018	Relocate Existing Container Offices from Area M10 to Area M66	16-Nov-15 A	20-Nov-15 A	16			
Stage 2							
Temporary Container Offices - Area M66							
3MSO060	Access / Egress - Area M66		16-Nov-15 A	0			
3MSO065	Set up Containers from M10 to M66	16-Nov-15 A	04-Dec-15	16			185
3MSO075	Period for Occupying the Temporary Containers	16-Nov-15 A	31-May-16	147			203
3MSO085	Demobilize Containers	16-May-16	31-May-16	14			203
Clocken Flap Event							
3MSO080	Setup for 5m wide Strip for Clocken Flap Portaloo	16-Nov-15 A	26-Nov-15 A	9			
3MSO095	Clocken flap	27-Nov-15 A	29-Nov-15	2			338
3MSO105	Demobilize Toilet	30-Nov-15	04-Dec-15	5			344
Stage 3							
Contractor's Site Office - Area M10 (1000m2)							
3MSO021	Start clearing and setting up of Contractor's Office at Area M10	05-Dec-15		0			294
3MSO031	Site Construction / Setup 1000m2 / 100nr person Office with 2 Levels	05-Dec-15	30-Jan-16	45			298
3MSO035	Site Construction / Setup- 1000m2 = 100 Nr of Person (2 Floors)	05-Dec-15	30-Jan-16	44			294
3MSO041	Period of Occupancy	30-Jan-16		0			298
3MSO045	Start to Occupancy	30-Jan-16		0			368
ASIO - Area L22 & L23 (3660 m2)							
3MSO000	Prepare submission to BD & FSD	28-Nov-15 A	28-Nov-15	20			252
3MSO005	Konwo Sub Contractor Works	30-Nov-15	22-Mar-16	91			252
3MSO010	CAI - Design / Approvals	28-Nov-15	30-Nov-15	2			252
3MSO020	FSD / Liaise / Approvals	01-Dec-15	31-Dec-15	25			323
3MSO030	Konwoo S/C Works	15-Dec-15	31-Mar-16	84			252
3MSO040	Start to Occupancy	01-Apr-16		0			252
M+.10.40 Site Administration							
Statutory procedures and consents (e.g. notification, permit, consent, etc.)							
Statutory Notice & Forms							
3MSA006	EPD - Storm water discharge permit to harbour application & approval	16-Oct-15 A	13-Jan-16	72			308
Building Department Consents							
3MSA007	ELS (Stage 2)		04-Dec-15	0			6
Key Domestic Subcontractors							
Finalize Major subcontractor agreements							
3MDS.10001	Gartner - Facade	26-Sep-15 A	29-Nov-15	29			344
3MDS.10002	Alliance - Concrete	26-Sep-15 A	02-Dec-15	29			342
3MDS.10003	Ming Tai - Formworks	26-Sep-15 A	30-Nov-15	29			343
3MDS.10004	Tin Wo - Rebar	26-Sep-15 A	30-Nov-15	29			343
3MDS.10005	Gammon Steel - Steel Truss	26-Sep-15 A	01-Dec-15	29			343
3MDS.10006	Liebherr- Tower Crane	26-Sep-15 A	03-Dec-15	29			341
3MDS.10007	Hsin Chong Aster - MEP - Drainage	26-Sep-15 A	28-Nov-15	29			345
3MDS.10008	Hsin Chong Aster - MEP - Earthing	26-Sep-15 A	28-Nov-15	29			345
3MDS.10009	Chun Sing - ELS	26-Sep-15 A	30-Nov-15	29			297
Design & Realization							
Basement							
3MDR.1001	Preparation and submission for BIM for B2 Underground	09-Oct-15 A	03-Nov-15 A	21			
3MDR.1002	Consultant/CA Review & Approval (MJV)	04-Nov-15 A	30-Nov-15	11			19
3MDR.1003	Preparation and submission for CSID / CBWD for B2 underground	09-Oct-15 A	06-Nov-15 A	23			
3MDR.1004	Consultant/CA Review & Approval	18-Nov-15 A	01-Dec-15	11			18
3MDR.1005	Preparation and submission for Drainage drawings at B2 underground	09-Oct-15 A	05-Dec-15	29			4
3MDR.1006	Consultant/CA Review & Approval	05-Dec-15	19-Dec-15	11			4



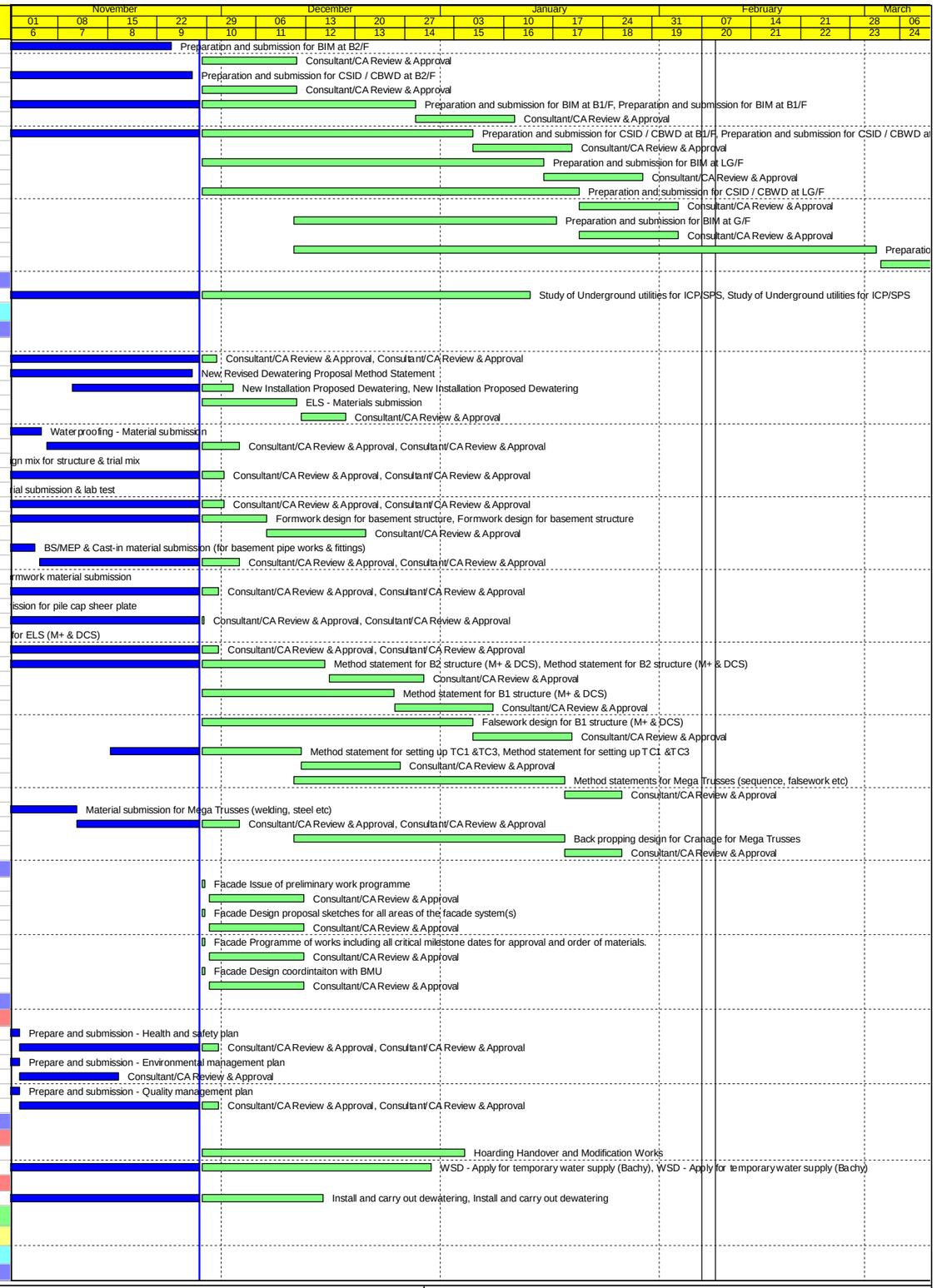
HSIN 新昌 CHONG

M+ 3 Months Rolling Programme (3MRP)
Revision B (1st Draft)

M+3 Months Rolling Programme

Date	Revision	Checked	Approved
22-Oct-15	MOBP/3MRP Prog Rev B	Edgar Payos	Leo Harnett
02-Dec-15	3MRP Rev B (1st Draft)	Edgar Payos	Leo Harnett

Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MDR.1007	Preparation and submission for BIM at B2/F	23-Oct-15 A	24-Nov-15 A	26			
3MDR.1008	Consultant/CA Review & Approval	28-Nov-15	11-Dec-15	11			271
3MDR.1009	Preparation and submission for CSID / CBWD at B2/F	23-Oct-15 A	27-Nov-15 A	29			
3MDR.1010	Consultant/CA Review & Approval	28-Nov-15	11-Dec-15	11			271
3MDR.1011	Preparation and submission for BIM at B1/F	30-Oct-15 A	28-Dec-15	49			258
3MDR.1012	Consultant/CA Review & Approval	28-Dec-15	11-Jan-16	11			310
3MDR.1013	Preparation and submission for CSID / CBWD at B1/F	30-Oct-15 A	05-Jan-16	54			258
3MDR.1014	Consultant/CA Review & Approval	05-Jan-16	19-Jan-16	11			303
3MDR.1015	Preparation and submission for BIM at LG/F	28-Nov-15	15-Jan-16	39			258
3MDR.1016	Consultant/CA Review & Approval	15-Jan-16	29-Jan-16	11			295
3MDR.1017	Preparation and submission for CSID / CBWD at LG/F	28-Nov-15	20-Jan-16	43			258
3MDR.1018	Consultant/CA Review & Approval	20-Jan-16	03-Feb-16	11			291
3MDR.1019	Preparation and submission for BIM at G/F	11-Dec-15	17-Jan-16	30			258
3MDR.1020	Consultant/CA Review & Approval	20-Jan-16	03-Feb-16	11			291
3MDR.1021	Preparation and submission for CSID / CBWD at LG/F	11-Dec-15	02-Mar-16	66			258
3MDR.1022	Consultant/CA Review & Approval	03-Mar-16	16-Mar-16	11			258
Interfacing Carpark and Sewage Pumping Station (SPS)							
3MDR.1023	Study of Underground utilities for ICP/SPS	16-Oct-15 A	13-Jan-16	72			308
Pre-construction submission for the early works							
Method Statement & Material Submission							
3MPS.1025	Dewatering proposal	09-Oct-15 A	15-Oct-15 A	6			
3MPS.1026	Consultant/CA Review & Approval	16-Oct-15 A	30-Nov-15	11			9
3MPS.1026a	New Revised Dewatering Proposal Method Statement	30-Oct-15 A	27-Nov-15 A	5			
3MPS.1026b	New Installation Proposed Dewatering	10-Nov-15 A	02-Dec-15	5			7
3MPS.1027	ELS - Materials submission	28-Nov-15	11-Dec-15	11			282
3MPS.1028	Consultant/CA Review & Approval	12-Dec-15	18-Dec-15	6			282
3MPS.1029	Waterproofing - Material submission	09-Oct-15 A	05-Nov-15 A	22			
3MPS.1030	Consultant/CA Review & Approval	06-Nov-15 A	03-Dec-15	11			34
3MPS.1031	Concrete design mix for structure & trial mix	09-Oct-15 A	22-Oct-15 A	11			
3MPS.1032	Consultant/CA Review & Approval	23-Oct-15 A	01-Dec-15	11			12
3MPS.1035	Rebar - Material submission & lab test	09-Oct-15 A	22-Oct-15 A	11			
3MPS.1036	Consultant/CA Review & Approval	23-Oct-15 A	01-Dec-15	11			12
3MPS.1037	Formwork design for basement structure	23-Oct-15 A	07-Dec-15	15			20
3MPS.1038	Consultant/CA Review & Approval	07-Dec-15	21-Dec-15	11			20
3MPS.1039	BS/MEP & Cast-in material submission (for basement pipe works & fittings)	16-Oct-15 A	04-Nov-15 A	16			
3MPS.1040	Consultant/CA Review & Approval	05-Nov-15 A	03-Dec-15	11			10
3MPS.1041	F3+ - Formwork material submission	16-Oct-15 A	25-Oct-15 A	8			
3MPS.1042	Consultant/CA Review & Approval	26-Oct-15 A	30-Nov-15	11			12
3MPS.1043	Material submission for pile cap sheer plate	09-Oct-15 A	22-Oct-15 A	11			
3MPS.1044	Consultant/CA Review & Approval	23-Oct-15 A	28-Nov-15	11			14
3MPS.1045	Method statement for ELS (M+ & DCS)	12-Oct-15 A	19-Oct-15 A	6			
3MPS.1046	Consultant/CA Review & Approval	20-Oct-15 A	30-Nov-15	6			8
3MPS.1047	Method statement for B2 structure (M+ & DCS)	20-Oct-15 A	15-Dec-15	18			13
3MPS.1048	Consultant/CA Review & Approval	16-Dec-15	29-Dec-15	11			13
3MPS.1049	Method statement for B1 structure (M+ & DCS)	28-Nov-15	25-Dec-15	22			312
3MPS.1050	Consultant/CA Review & Approval	25-Dec-15	08-Jan-16	11			312
3MPS.1051	Falsework design for B1 structure (M+ & DCS)	28-Nov-15	05-Jan-16	31			303
3MPS.1052	Consultant/CA Review & Approval	05-Jan-16	19-Jan-16	11			303
3MPS.1053	Method statement for setting up TC1 &TC3	15-Nov-15 A	12-Dec-15	15			42
3MPS.1054	Consultant/CA Review & Approval	12-Dec-15	26-Dec-15	11			42
3MPS.1055	Method statements for Mega Trusses (sequence, falsework etc)	11-Dec-15	18-Jan-16	31			298
3MPS.1056	Consultant/CA Review & Approval	18-Jan-16	26-Jan-16	7			298
3MPS.1057	Material submission for Mega Trusses (welding, steel etc)	23-Oct-15 A	10-Nov-15 A	15			
3MPS.1058	Consultant/CA Review & Approval	10-Nov-15 A	03-Dec-15	11			341
3MPS.1059	Back propping design for Cranage for Mega Trusses	11-Dec-15	18-Jan-16	31			298
3MPS.1060	Consultant/CA Review & Approval	18-Jan-16	26-Jan-16	7			298
Facade Submission and Approval							
3MPS.1061	Facade Issue of preliminary work programme	28-Nov-15	28-Nov-15	1			334
3MPS.1062	Consultant/CA Review & Approval	29-Nov-15	12-Dec-15	11			334
3MPS.1063	Facade Design proposal sketches for all areas of the facade system(s)	28-Nov-15	28-Nov-15	1			334
3MPS.1064	Consultant/CA Review & Approval	29-Nov-15	12-Dec-15	11			334
3MPS.1065	Facade Programme of works including all critical milestone dates for approval and order of materials.	28-Nov-15	28-Nov-15	1			334
3MPS.1066	Consultant/CA Review & Approval	29-Nov-15	12-Dec-15	11			334
3MPS.1067	Facade Design coordintaiton with BMU	28-Nov-15	28-Nov-15	1			334
3MPS.1068	Consultant/CA Review & Approval	29-Nov-15	12-Dec-15	11			334
Essential submissions on Programme, Health and Safety, Security, Quality etc							
HSEQ & Management Plan							
3MPS.1081	Prepare and submission - Health and safety plan	26-Sep-15 A	02-Nov-15 A	30			
3MPS.1082	Consultant/CA Review & Approval	02-Nov-15 A	30-Nov-15	11			343
3MPS.1083	Prepare and submission - Environmental management plan	26-Sep-15 A	02-Nov-15 A	30			
3MPS.1084	Consultant/CA Review & Approval	02-Nov-15 A	16-Nov-15 A	11			
3MPS.1085	Prepare and submission - Quality management plan	26-Sep-15 A	02-Nov-15 A	30			
3MPS.1086	Consultant/CA Review & Approval	02-Nov-15 A	30-Nov-15	11			343
Temporary services and site facilities							
Site Establishment & Temporary Facilities							
3MPS.1003	Hoarding Handover and Modification Works	28-Nov-15	04-Jan-16	30			316
3MPS.1004	WSD - Apply for temporary water supply (Bachy)	02-Oct-15 A	30-Dec-15	72			319
Procurement							
3MPS.1006	Install and carry out dewatering	26-Sep-15 A	15-Dec-15	20			277
M+.20 Construction Works (Excavation & ELS)							
M+ AEL North - North of AEL							
Stage 1							
Stage 1 - Site Formation (Area A)							



HSIN新昌 CHONG

M+ 3 Months Rolling Programme (3MRP)

Revision B (1st Draft)

M+3 Months Rolling Programme

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02-Dec-15	3MRP Rev B (1st Draft)	Edgar Payos	Leo Harnett

Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MSS.1000	Dewatering Commence	02-Dec-15		0			7
3MSS.1000.1	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL C'-H'/7'-6') - Portion A1	02-Nov-15 A	14-Nov-15 A	4			
3MSS.1000.11	Excavate +5.0Mpd to +1.8mPD for B2 battered slope (GL A'-J'/4'-6') - Portion A1	03-Nov-15 A	14-Nov-15 A	4			
3MSS.1000.21	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL C'-G'/2-7') - Portion A2	04-Nov-15 A	14-Nov-15 A	4			
3MSS.1000.31	Excavate +5.0Mpd to +1.8mPD for B2 battered slope (GL B'-C'/2-4') - Portion A2	05-Nov-15 A	14-Nov-15 A	4			
3MSS.1000.41	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL C'-F'/2-4) - Portion A3	06-Nov-15 A	14-Nov-15 A	4			
3MSS.1000.51	Excavate +5.0Mpd to +1.8mPD for B2 battered slope (GL I'-E/6'-4) - Portion A3	09-Nov-15 A	14-Nov-15 A	4			
3MSS.1002	Excavate +1.8mPD to _2.30mPD for B2 Slab Formation Level (GL C'-H'/7'-6') - Portion A1	05-Dec-15	10-Dec-15	5	5,475m3	2 machines @ 700m3/day	0
3MSS.1003	Excavate +1.8mPD to _2.30mPD for B2 battered slope (GL A'-J'/4'-6') - Portion A1	08-Dec-15	12-Dec-15	5	4,215m3	2 machines @ 700m3/day	0
3MSS.1004	Excavate +1.8mPD to _2.30mPD for B2 Slab Formation Level (GL C'-G'/2-7') - Portion A2	10-Dec-15	15-Dec-15	5	4,073m3	2 machines @ 700m3/day	10
3MSS.1005	Excavate +1.8mPD to _2.30mPD for B2 battered slope (GL B'-C'/2-4') - Portion A2	12-Dec-15	17-Dec-15	5	1,697m3	2 machines @ 700m3/day	10
3MSS.1006	Excavate +1.8mPD to _2.30mPD for B2 Slab Formation Level (GL C'-F'/2-4) - Portion A3	15-Dec-15	19-Dec-15	5	1,365m3	2 machines @ 700m3/day	10
3MSS.1007	Excavate +1.8mPD to _2.30mPD for B2 battered slope (GL I'-E'/6'-4) - Portion A3	16-Dec-15	21-Dec-15	5	3,996m3	2 machines @ 700m3/day	19
Stage 1 - Pile Cap Construction (Area A)							
Portion A1							
3MSS.1010	Local Excavation for Pile caps (-3.3mPD)- (GL C'-H'/7'-6') - Portion A1 -CPC40(7),41(7),42-2(3),42(7),43(7),40(7)	12-Dec-15	17-Dec-15	4	140m3	1 machine @ 190m3/day	0
3MSS.1011	Excavation works for Pile - CPC 40 (07)	12-Dec-15	15-Dec-15	2	24.5m3	1 machine @ 190m3/day	0
3MSS.1012	Excavation works for Pile -CPC 44 (07)	12-Dec-15	15-Dec-15	2	24.5m3	1 machine @ 190m3/day	0
3MSS.1013	Excavation works for Pile -CPC 41 (07)	12-Dec-15	15-Dec-15	2	24.5m3	1 machine @ 190m3/day	0
3MSS.1014	Excavation works for Pile - CPC 43 (07)	15-Dec-15	17-Dec-15	2	24.5m3	1 machine @ 190m3/day	0
3MSS.1015	Excavation works for Pile - CPC 42 (07)	15-Dec-15	17-Dec-15	2	24.5m3	1 machine @ 190m3/day	0
3MSS.1016	Excavation works for Pile - CPC 42-2 (03)	16-Dec-15	17-Dec-15	1	14.34m3	1 machine @ 190m3/day	0
3MSS.1017	Rebar Installation for Pile cap- Portion A1	15-Dec-15	18-Dec-15	3	123T	5 men @ 0.9T/man/day	0
3MSS.1018	Rebar Installation - CPC 40 (07)	15-Dec-15	16-Dec-15	1	22.05T		0
3MSS.1019	Rebar Installation - CPC 44 (07)	15-Dec-15	16-Dec-15	1	22.05T		0
3MSS.1020	Rebar Installation - CPC 41 (07)	15-Dec-15	16-Dec-15	1	22.05T		0
3MSS.1021	Rebar Installation - CPC 43 (07)	17-Dec-15	18-Dec-15	1	22.05T		0
3MSS.1022	Rebar Installation - CPC 42 (07)	17-Dec-15	18-Dec-15	1	22.05T		0
3MSS.1023	Rebar Installation - CPC 42-2 (03)	17-Dec-15	18-Dec-15	1	12.90T		0
3MSS.1024	Pile cap side formworks - Portion A1	16-Dec-15	21-Dec-15	4	162m2	2 men @ 22m2/d/man	0
3MSS.1025	Pile cap side formwork - CPC 40 (07)	16-Dec-15	18-Dec-15	2	28m3		0
3MSS.1026	Pile cap side formwork - CPC 44 (07)	16-Dec-15	18-Dec-15	2	28m3		0
3MSS.1027	Pile cap side formwork - CPC 41 (07)	16-Dec-15	18-Dec-15	2	28m3		0
3MSS.1028	Pile cap side formwork - CPC 43 (07)	18-Dec-15	21-Dec-15	2	28m3		0
3MSS.1029	Pile cap side formwork - CPC 42 (07)	18-Dec-15	21-Dec-15	2	28m3		0
3MSS.1030	Pile cap side formwork - CPC 42-2 (03)	18-Dec-15	21-Dec-15	2	21.44m3		0
3MSS.1031	Portion A1 concrete pouring for Pile cap	18-Dec-15	23-Dec-15	3	140m3		0
3MSS.1032	concrete pouring - CPC 40 (07)	18-Dec-15	19-Dec-15	1	24.5m3		2
3MSS.1033	concrete pouring - CPC 44 (07)	18-Dec-15	19-Dec-15	1	24.5m3		2
3MSS.1034	concrete pouring - CPC 41 (07)	18-Dec-15	19-Dec-15	1	24.5m3		2
3MSS.1035	concrete pouring - CPC 43 (07)	21-Dec-15	23-Dec-15	1	24.5m3		0
3MSS.1036	concrete pouring - CPC 42 (07)	21-Dec-15	23-Dec-15	1	24.5m3		0
3MSS.1037	concrete pouring - CPC 42-2 (03)	21-Dec-15	23-Dec-15	1	14.34m3		0
Portion A2							
3MSS.1038	Local Excavation for Pile caps (-3.3mPD) - (GL C'-G'/2-7') - Portion A2- CPC49(2),50(2), PC 05(3),06(4),07(4),08(	19-Dec-15	23-Dec-15	2	64m3	1 machine @ 190m3/day	10
3MSS.1039	Excavation works for Pile - CPC 49 (02)	19-Dec-15	21-Dec-15	1	5.6m3	1 machine @ 190m3/day	10
3MSS.1040	Excavation works for Pile - CPC 50 (02)	19-Dec-15	21-Dec-15	1	5.6m3	1 machine @ 190m3/day	10
3MSS.1041	Excavation works for Pile - PC 05 (03)	19-Dec-15	21-Dec-15	1	14.34m3	1 machine @ 190m3/day	10
3MSS.1042	Excavation works for Pile - PC 08 (02)	21-Dec-15	23-Dec-15	1	5.6m3	1 machine @ 190m3/day	10
3MSS.1043	Excavation works for Pile - PC 06 (04)	21-Dec-15	23-Dec-15	1	15.68m3	1 machine @ 190m3/day	10
3MSS.1044	Excavation works for Pile - PC 07 (04)	21-Dec-15	23-Dec-15	1	15.68m3	1 machine @ 190m3/day	10
3MSS.1045	Rebar Installation for Pile cap- Portion A2	21-Dec-15	24-Dec-15	2	44T	5 men @ 0.9T/man/day	10
3MSS.1046	Rebar Installation - CPC 49 (02)	21-Dec-15	23-Dec-15	1	5.04T		10
3MSS.1047	Rebar Installation - CPC 50 (02)	21-Dec-15	23-Dec-15	1	5.04T		10
3MSS.1048	Rebar Installation - PC 05 (03)	21-Dec-15	23-Dec-15	1	12.9T		10
3MSS.1049	Rebar Installations - PC 08 (02)	23-Dec-15	24-Dec-15	1	5.04T		10
3MSS.1050	Rebar Installation - PC 06 (04)	23-Dec-15	24-Dec-15	1	14.11T		10
3MSS.1051	Rebar Installation - PC 07 (04)	23-Dec-15	24-Dec-15	1	14.11T		10
3MSS.1052	Pile cap side formworks - Portion A2	23-Dec-15	28-Dec-15	2	114m2	2 men @ 22m2/d/man	10
3MSS.1053	Pile cap side formworks - CPC 49 (02)	23-Dec-15	24-Dec-15	1	15.2m2		10
3MSS.1054	Pile cap side formworks - CPC 50 (02)	23-Dec-15	24-Dec-15	1	15.2m2		10
3MSS.1055	Pile cap side formworks - PC 05 (03)	23-Dec-15	24-Dec-15	1	21.44m2		10
3MSS.1056	Pile cap side formworks - PC 08 (02)	24-Dec-15	28-Dec-15	1	15.2m2		10
3MSS.1057	Pile cap side formworks - PC 06 (04)	24-Dec-15	28-Dec-15	1	22.4m2		10
3MSS.1058	Pile cap side formworks - PC 07 (04)	24-Dec-15	28-Dec-15	1	22.4m2		10
3MSS.1059	Portion A2 concrete pouring	28-Dec-15	29-Dec-15	1	64M3		10
3MSS.1060	Concrete Pouring - CPC 49 (02)	28-Dec-15	29-Dec-15	1	5.6m3		10
3MSS.1061	Concrete Pouring - CPC 50 (02)	28-Dec-15	29-Dec-15	1	5.6m3		10
3MSS.1062	Concrete Pouring - PC 05 (03)	28-Dec-15	29-Dec-15	1	14.34m3		10
3MSS.1063	Concrete Pouring - PC 08 (02)	28-Dec-15	29-Dec-15	1	5.6m3		10
3MSS.1064	Concrete Pouring - PC 06 (04)	28-Dec-15	29-Dec-15	1	15.68m3		10
3MSS.1065	Concrete Pouring - PC 07 (04)	28-Dec-15	29-Dec-15	1	15.68m3		10
Portion A3							
3MSS.1066	Local Excavation for Pile caps (-3.3mPD) - (GL C'-F'/2-4) - Portion A3 -PC17(1),18(1),19(2),20(7),21(2),33(2)	23-Dec-15	24-Dec-15	1	46m3	1 machine @ 190m3/day	22
3MSS.1067	Excavation works for Pile - PC 21 (02)	23-Dec-15	24-Dec-15	1	5.6m3	1 machine @ 190m3/day	17
3MSS.1068	Excavation works for Pile - PC 33 (02)	23-Dec-15	24-Dec-15	1	5.6m3	1 machine @ 190m3/day	17
3MSS.1069	Excavation works for Pile - PC 20 (07)	23-Dec-15	24-Dec-15	1	25m3	1 machine @ 190m3/day	17
3MSS.1070	Excavation works for Pile - PC 19 (02)	23-Dec-15	24-Dec-15	1	5.6m3	1 machine @ 190m3/day	22
3MSS.1071	Excavation works for Pile - PC 18 (01)	23-Dec-15	24-Dec-15	1	2m3	1 machine @ 190m3/day	22
3MSS.1072	Excavation works for Pile - PC 17 (01)	23-Dec-15	24-Dec-15	1	2m3	1 machine @ 190m3/day	22
3MSS.1073	Rebar Installation - Portion A3	24-Dec-15	02-Jan-16	5	41T	5 men @ 0.9T/man/day	18
3MSS.1074	Rebar /Earthing Installation - PC 21 (02)	24-Dec-15	28-Dec-15	1	5.04T	-do-	17
3MSS.1076	Rebar Installation - PC 33 (02)	24-Dec-15	28-Dec-15	1	5.04T	-do-	17
3MSS.1077	Rebar Installation - PC 20 (07)	24-Dec-15	02-Jan-16	5	22.05T	-do-	17
3MSS.1078	Rebar Installation - PC 19 (02)	31-Dec-15	02-Jan-16	1	5.04T	-do-	18

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M+ 3 Months Rolling Programme (3MRP)

Revision B (1st Draft)

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02-Dec-15	3MRP Rev B (1st Draft)	Edgar Payos	Leo Harnett

Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MSS.1079	Rebar /Earthing Installation - PC 18 (01)	31-Dec-15	02-Jan-16	1	1.8T	-do-	18
3MSS.1081	Rebar Installation - PC 17 (01)	31-Dec-15	02-Jan-16	1	1.8T	-do-	18
3MSS.1082	Pile cap side formworks - Portion A3	28-Dec-15	05-Jan-16	6	91m2	2 men @ 22m2/d/man	17
3MSS.1083	Pile cap side formworks - PC 21 (02)	28-Dec-15	29-Dec-15	1	15.2m2	-do-	21
3MSS.1084	Pile cap side formworks -PC 33 (02)	28-Dec-15	29-Dec-15	1	15.2m2	-do-	21
3MSS.1085	Pile cap side formworks -PC 20 (07)	02-Jan-16	05-Jan-16	2	28m2	-do-	17
3MSS.1086	Pile cap side formworks -PC 19 (02)	04-Jan-16	05-Jan-16	1	15.2m2	-do-	17
3MSS.1087	Pile cap side formworks -PC 18 (01)	04-Jan-16	05-Jan-16	1	8m2	-do-	17
3MSS.1088	Pile cap side formworks -PC 17 (01)	04-Jan-16	05-Jan-16	1	8m2	-do-	17
3MSS.1089	Portion A3 concrete pouring	05-Jan-16	06-Jan-16	1	46m3		17
3MSS.1090	Concrete Pouring - PC 21 (02)	05-Jan-16	06-Jan-16	1	5.6m3	-do-	17
3MSS.1091	Concrete Pouring - PC 33 (02)	05-Jan-16	06-Jan-16	1	5.6m3	-do-	17
3MSS.1092	Concrete Pouring - PC 20 (07)	05-Jan-16	06-Jan-16	1	25m3	-do-	17
3MSS.1093	Concrete Pouring - PC 19 (02)	05-Jan-16	06-Jan-16	1	5.6m3	-do-	17
3MSS.1094	Concrete Pouring - PC 18 (01)	05-Jan-16	06-Jan-16	1	2m3	-do-	17
3MSS.1095	Concrete Pouring - PC 17 (01)	05-Jan-16	06-Jan-16	1	2m3	-do-	17
Manhole(Type 1,25,19,38,2,14) - Portion A							
3MSS.1100	Excavation (Type 1) - GL 6'7'-D'E'	19-Dec-15	21-Dec-15	1	5m3	1 machine @ 190m3/day	7
3MSS.1101	Rebar Installation (Type 1) - GL 6'7'-D'E'	21-Dec-15	23-Dec-15	1			7
3MSS.1102	Formworks (Type 1) - GL 6'7'-D'E'	23-Dec-15	24-Dec-15	1			7
3MSS.1103	Concrete Pouring (Type 1) - GL 6'7'-D'E'	24-Dec-15	28-Dec-15	1			7
3MSS.1104	Excavation (Type 25) - GL 6'7'-D'E'	21-Dec-15	23-Dec-15	1	5m3	1 machine @ 190m3/day	7
3MSS.1105	Rebar Installation(Type 25) - GL 6'7'-D'E'	23-Dec-15	24-Dec-15	1			7
3MSS.1106	Formworks (Type 25) - GL 6'7'-D'E'	24-Dec-15	28-Dec-15	1			7
3MSS.1107	Concrete Pouring (Type 25) - GL 6'7'-D'E'	28-Dec-15	29-Dec-15	1			7
3MSS.1108	Excavation (Type 19) - GL 7'-1/D-'E'	29-Dec-15	30-Dec-15	1	5m3	1 machine @ 190m3/day	13
3MSS.1109	Rebar Installation (Type 19) - GL 7'-1/D-'E'	30-Dec-15	31-Dec-15	1			13
3MSS.1110	Formworks (Type 19) - GL 7'-1/D-'E'	31-Dec-15	02-Jan-16	1			13
3MSS.1111	Concrete Pouring (Type 19) - GL 7'-1/D-'E'	02-Jan-16	02-Jan-16	0			14
3MSS.1112	Excavation (Type 38) - GL 1/C-'D'	30-Dec-15	31-Dec-15	1	5m3	1 machine @ 190m3/day	13
3MSS.1113	Rebar Installation (Type 38) - GL 1/C-'D'	31-Dec-15	02-Jan-16	1			13
3MSS.1114	Formworks (Type 38) - GL 1/C-'D'	02-Jan-16	04-Jan-16	1			13
3MSS.1115	Concrete Pouring (Type 38) - GL 1/C-'D'	04-Jan-16	04-Jan-16	0			13
3MSS.1116	Excavation (Type 2) - GL 2/D-'E'	06-Jan-16	07-Jan-16	1	5m3	1 machine @ 190m3/day	19
3MSS.1117	Rebar Installation (Type 2) - GL 2/D-'E'	07-Jan-16	08-Jan-16	1			19
3MSS.1118	Formworks (Type 2) - GL 2/D-'E'	08-Jan-16	09-Jan-16	1			19
3MSS.1119	Concrete Pouring (Type 2) - GL 2/D-'E'	09-Jan-16	11-Jan-16	1			19
3MSS.1120	Excavation (Type 14) - GL 2-3/E'-F'	07-Jan-16	08-Jan-16	1	5m3	1 machine @ 190m3/day	19
3MSS.1121	Rebar Installation (Type 14) - GL 2-3/E'-F'	08-Jan-16	09-Jan-16	1			19
3MSS.1122	Formworks (Type 14) - GL 2-3/E'-F'	09-Jan-16	11-Jan-16	1			19
3MSS.1123	Concrete Pouring (Type 14) - GL 2-3/E'-F'	11-Jan-16	12-Jan-16	1			19
Stage 1 - Site Formation (Area B)							
3MSS.1124	Dewatering Commence	02-Dec-15		0			17
3MSS.1125	Initial Site formation	02-Nov-15 A	14-Nov-15 A	1			
3MSS.1125.1	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL A-K'/9-3)	03-Nov-15 A	14-Nov-15 A	4			
3MSS.1125.11	Excavate +5.0Mpd to +1.8mPD for B2 battered slope (GL A/2-10')	04-Nov-15 A	14-Nov-15 A	4			
3MSS.1125.21	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL K'-A'/8-3)	05-Nov-15 A	14-Nov-15 A	4			
3MSS.1125.31	Excavate +5.0Mpd to +1.8mPD for B2 battered slope (GL A-B'/3-7')	06-Nov-15 A	14-Nov-15 A	4			
3MSS.1125.41	Excavate +5.0Mpd to +1.8mPD for B2 Slab Formation Level (GL A'-C/2-6)	07-Nov-15 A	14-Nov-15 A	4			
3MSS.1125.51	Excavate +5.0Mpd to +1.8mPD battered slope (GL A-E/10-4)	09-Nov-15 A	14-Nov-15 A	4			
3MSS.1126	Excavate +1.8mPD to -2.3mPD for B2 Slab Formation Level (GL A-K'/9-3)	08-Dec-15	14-Dec-15	5			17
3MSS.1127	Excavate +1.8mPD to -2.3mPD for B2 battered slope (GL A/2-10')	09-Dec-15	15-Dec-15	5	4,215m3	2 machines @ 700m3/day	17
3MSS.1128	Excavate +1.8mPD to -2.3mPD for B2 Slab Formation Level (GL K'-A'/8-3)	11-Dec-15	17-Dec-15	5	3,723m3	2 machines @ 700m3/day	29
3MSS.1129	Excavate +1.8mPD to -2.3mPD for B2 battered slope (GL A-B'/3-7')	14-Dec-15	19-Dec-15	5	1,697m3	2 machines @ 700m3/day	29
3MSS.1130	Excavate +1.8mPD to -2.3mPD for B2 Slab Formation Level (GL A'-C/2-6)	16-Dec-15	23-Dec-15	5	7,665m3	2 machines @ 700m3/day	29
3MSS.1131	Excavate +1.8mPD to -2.3mPD for B2 battered slope (GL A-E/10-4)	17-Dec-15	24-Dec-15	5	3,996m3	2 machines @ 700m3/day	47
Stage 1 - Pile Cap Construction (Area B)							
Portion B1							
3MSS.1132	Local Excavation for Pile caps (-3.3mPD)- (GL A-K'/9-3) - Portion B1 - PC 39(2),50(2),59(2) ; PC72 - 33%	17-Dec-15	21-Dec-15	3	391m3	1 machine @ 190m3/day	29
3MSS.1133	Excavation works for Pile - PC 72 - 33% (S1)	15-Dec-15	17-Dec-15	2	380m3	1 machine @ 190m3/day	17
3MSS.1134	Excavation works for Pile - PC 39 (02)	17-Dec-15	21-Dec-15	3	5.6m3	1 machine @ 190m3/day	17
3MSS.1135	Excavation works for Pile - PC 59 (02)	17-Dec-15	21-Dec-15	3	5.6m3	1 machine @ 190m3/day	29
3MSS.1136	Excavation works for Pile - PC 50 (02)	17-Dec-15	21-Dec-15	3	5.6m3	1 machine @ 190m3/day	29
3MSS.1137	Rebar Installation - Portion B1	21-Dec-15	23-Jan-16	25	355T	5 men @ 0.9T/man/day	17
3MSS.1138	Rebar Installation - PC 72 - 33% (s1)	21-Dec-15	23-Jan-16	25	341T		17
3MSS.1139	Rebar /Earthing Installation - PC 39 (02)	21-Dec-15	23-Dec-15	1	5.04T		36
3MSS.1140	Rebar /Earthing Installation -PC 59 (02)	21-Dec-15	23-Dec-15	1	5.04T		36
3MSS.1141	Rebar /Earthing Installation - PC 50 (02)	23-Dec-15	24-Dec-15	1	5.04T		36
3MSS.1142	Pile cap side formworks - Portion B1	23-Dec-15	26-Jan-16	26	129m2	2 men @ 22m2/d/man	17
3MSS.1143	Pile cap side formworks -PC 72 - 33% (s1)	23-Jan-16	26-Jan-16	2	82m2		17
3MSS.1144	Pile cap side formworks - PC 39 (02)	23-Dec-15	24-Dec-15	1	15.2m2		37
3MSS.1145	Pile cap side formworks - PC 59 (02)	23-Dec-15	24-Dec-15	1	15.2m2		37
3MSS.1146	Pile cap side formworks - PC 50 (02)	24-Dec-15	28-Dec-15	1	15.2m2		36
3MSS.1147	Portion B1 concrete pouring	24-Dec-15	27-Jan-16	26	391m3		17
3MSS.1148	concrete pouring - PC 72 - 33% (s1)	26-Jan-16	27-Jan-16	1	380m3		17
3MSS.1149	concrete pouring - PC 39 (02)	24-Dec-15	28-Dec-15	1	5.6m3		37
3MSS.1150	concrete pouring - PC 59 (02)	24-Dec-15	28-Dec-15	1	5.6m3		37
3MSS.1151	concrete pouring - PC 50 (02)	28-Dec-15	29-Dec-15	1	5.6m3		36
Portion B2							
3MSS.1152	Local Excavation for Pile caps (-3.3mPD)- (GL K'-A'/8-3) - Portion B2 - PC 40(7),51(2),60(2)	21-Dec-15	24-Dec-15	2	36m3	1 machine @ 190m3/day	29
3MSS.1153	Excavation works for Pile - PC 60 (02)	21-Dec-15	23-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1154	Excavation works for Pile - PC 40 (07)	21-Dec-15	24-Dec-15	2	24.5m3	1 machine @ 190m3/day	29
3MSS.1155	Excavation works for Pile - PC 51 (02)	23-Dec-15	24-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1156	Rebar Installation - Portion B2	23-Dec-15	05-Jan-16	8	33T	5 men @ 0.9T/man/day	35

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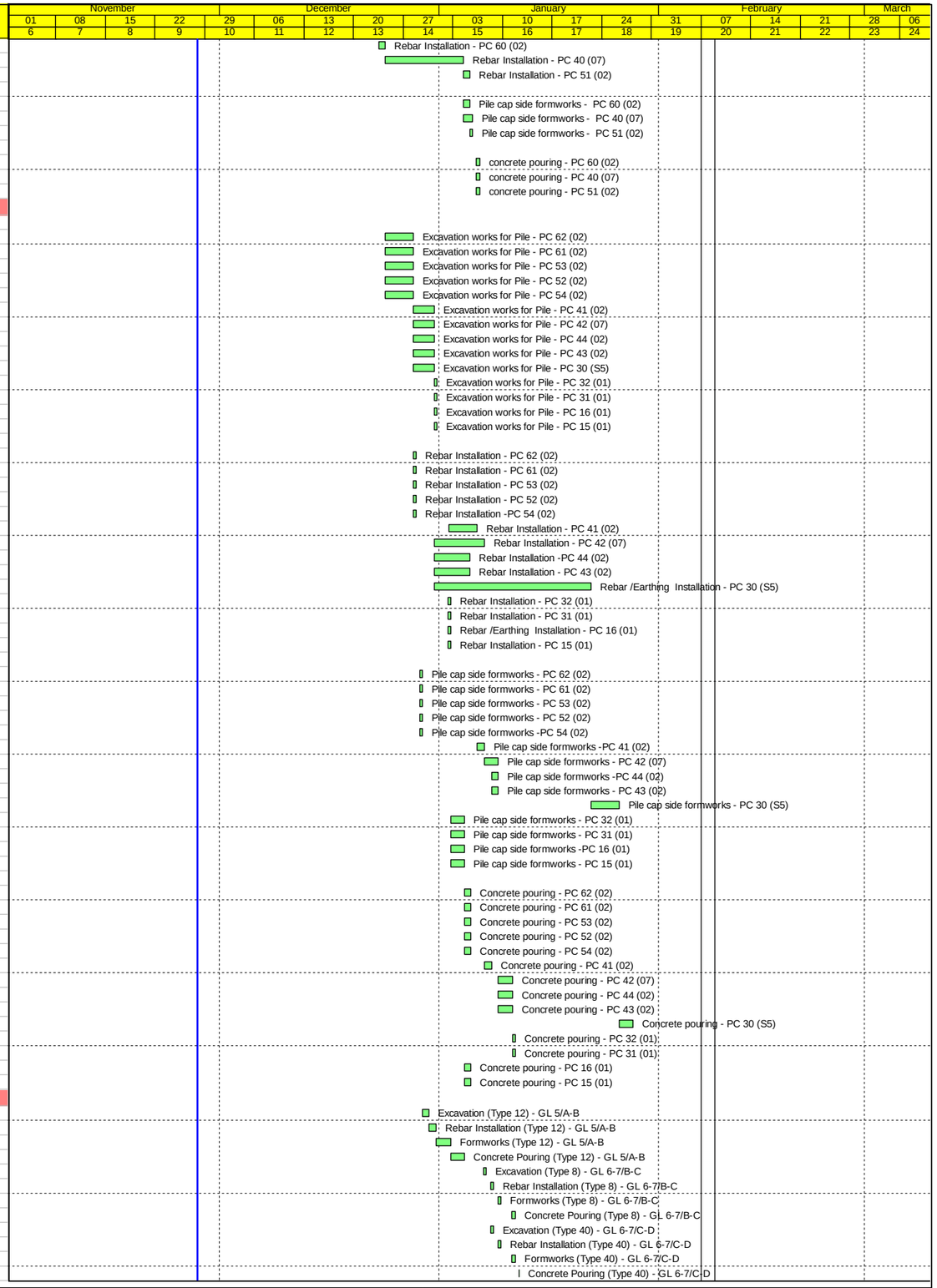
Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MSS.1157	Rebar Installation - PC 60 (02)	23-Dec-15	24-Dec-15	1	5.04T		49
3MSS.1158	Rebar Installation - PC 40 (07)	24-Dec-15	04-Jan-16	6	22.05T		35
3MSS.1159	Rebar Installation - PC 51 (02)	04-Jan-16	05-Jan-16	1	5.04T		35
3MSS.1160	Pile cap side formworks - Portion B2	04-Jan-16	05-Jan-16	2	59m2	2 men @ 22m2/d/man	35
3MSS.1161	Pile cap side formworks - PC 60 (02)	04-Jan-16	05-Jan-16	1	15.2m2		43
3MSS.1162	Pile cap side formworks - PC 40 (07)	04-Jan-16	05-Jan-16	2	28m2		35
3MSS.1163	Pile cap side formworks - PC 51 (02)	05-Jan-16	05-Jan-16	1	15.2m2		35
3MSS.1164	Portion B2 concrete pouring	06-Jan-16	06-Jan-16	1	36m3		35
3MSS.1165	concrete pouring - PC 60 (02)	06-Jan-16	06-Jan-16	1	5.6m3		42
3MSS.1166	concrete pouring - PC 40 (07)	06-Jan-16	06-Jan-16	1	24.5m3		35
3MSS.1167	concrete pouring - PC 51 (02)	06-Jan-16	06-Jan-16	1	5.6m3		35
Portion B3							
3MSS.1168	Local Exc'n for Pile (GL A'-C/2-6) - Portion B3 - PC 41(2),52(2),61(2),61(1),16(6),30(s5),42(2),62(2),31(1),32(1),4	24-Dec-15	31-Dec-15	5	219m3	1 machine @ 190m3/day	44
3MSS.1169	Excavation works for Pile - PC 62 (02)	24-Dec-15	28-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1170	Excavation works for Pile - PC 61 (02)	24-Dec-15	28-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1171	Excavation works for Pile - PC 53 (02)	24-Dec-15	28-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1172	Excavation works for Pile - PC 52 (02)	24-Dec-15	28-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1173	Excavation works for Pile - PC 54 (02)	24-Dec-15	28-Dec-15	1	5.6m3	1 machine @ 190m3/day	29
3MSS.1174	Excavation works for Pile - PC 41 (02)	28-Dec-15	31-Dec-15	3	5.6m3	1 machine @ 190m3/day	29
3MSS.1175	Excavation works for Pile - PC 42 (07)	28-Dec-15	31-Dec-15	3	24.5m3	1 machine @ 190m3/day	29
3MSS.1176	Excavation works for Pile - PC 44 (02)	28-Dec-15	31-Dec-15	3	5.6m3	1 machine @ 190m3/day	29
3MSS.1177	Excavation works for Pile - PC 43 (02)	28-Dec-15	31-Dec-15	3	5.6m3	1 machine @ 190m3/day	29
3MSS.1178	Excavation works for Pile - PC 30 (S5)	28-Dec-15	31-Dec-15	3	142m3	1 machine @ 190m3/day	29
3MSS.1179	Excavation works for Pile - PC 32 (01)	31-Dec-15	31-Dec-15	1	2m3	1 machine @ 190m3/day	44
3MSS.1180	Excavation works for Pile - PC 31 (01)	31-Dec-15	31-Dec-15	1	2m3	1 machine @ 190m3/day	44
3MSS.1181	Excavation works for Pile - PC 16 (01)	31-Dec-15	31-Dec-15	1	2m3	1 machine @ 190m3/day	44
3MSS.1182	Excavation works for Pile - PC 15 (01)	31-Dec-15	31-Dec-15	1	2m3	1 machine @ 190m3/day	44
3MSS.1183	Rebar Installation - Portion B3	28-Dec-15	02-Jan-16	5	176T	5 men @ 0.9T/man/day	44
3MSS.1184	Rebar Installation - PC 62 (02)	28-Dec-15	28-Dec-15	1	5.04T		48
3MSS.1185	Rebar Installation - PC 61 (02)	28-Dec-15	28-Dec-15	1	5.04T		48
3MSS.1186	Rebar Installation - PC 53 (02)	28-Dec-15	28-Dec-15	1	5.04T		49
3MSS.1187	Rebar Installation - PC 52 (02)	28-Dec-15	28-Dec-15	1	5.04T		49
3MSS.1188	Rebar Installation -PC 54 (02)	28-Dec-15	28-Dec-15	1	5.04T		49
3MSS.1189	Rebar Installation - PC 41 (02)	02-Jan-16	06-Jan-16	3	5.04T		43
3MSS.1190	Rebar Installation - PC 42 (07)	31-Dec-15	07-Jan-16	5	22.05T		42
3MSS.1191	Rebar Installation -PC 44 (02)	31-Dec-15	05-Jan-16	3	5.04T		45
3MSS.1192	Rebar Installation - PC 43 (02)	31-Dec-15	05-Jan-16	3	5.04T		45
3MSS.1193	Rebar /Earthing Installation - PC 30 (S5)	31-Dec-15	22-Jan-16	18	128.55T		29
3MSS.1194	Rebar Installation - PC 32 (01)	02-Jan-16	02-Jan-16	1	1.8T		44
3MSS.1195	Rebar Installation - PC 31 (01)	02-Jan-16	02-Jan-16	1	1.8T		44
3MSS.1196	Rebar /Earthing Installation - PC 16 (01)	02-Jan-16	02-Jan-16	1	1.8T		44
3MSS.1197	Rebar Installation - PC 15 (01)	02-Jan-16	02-Jan-16	1	1.8T		44
3MSS.1198	Pile cap side formworks - Portion B3	29-Dec-15	04-Jan-16	5	169m2	2 men @ 22m2/d/man	44
3MSS.1199	Pile cap side formworks - PC 62 (02)	29-Dec-15	29-Dec-15	1	15.2m2		48
3MSS.1200	Pile cap side formworks - PC 61 (02)	29-Dec-15	29-Dec-15	1	15.2m2		48
3MSS.1201	Pile cap side formworks - PC 53 (02)	29-Dec-15	29-Dec-15	1	15.2m2		49
3MSS.1202	Pile cap side formworks - PC 52 (02)	29-Dec-15	29-Dec-15	1	15.2m2		49
3MSS.1203	Pile cap side formworks -PC 54 (02)	29-Dec-15	29-Dec-15	1	15.2m2		49
3MSS.1204	Pile cap side formworks -PC 41 (02)	06-Jan-16	07-Jan-16	1	15.2m2		43
3MSS.1205	Pile cap side formworks - PC 42 (07)	07-Jan-16	09-Jan-16	2	28m2		42
3MSS.1206	Pile cap side formworks -PC 44 (02)	08-Jan-16	09-Jan-16	1	15.2m2		42
3MSS.1207	Pile cap side formworks - PC 43 (02)	08-Jan-16	09-Jan-16	1	15.2m2		42
3MSS.1208	Pile cap side formworks - PC 30 (S5)	22-Jan-16	26-Jan-16	3	69m2		29
3MSS.1209	Pile cap side formworks - PC 32 (01)	02-Jan-16	04-Jan-16	1	8m2		44
3MSS.1210	Pile cap side formworks - PC 31 (01)	02-Jan-16	04-Jan-16	1	8m2		44
3MSS.1211	Pile cap side formworks -PC 16 (01)	02-Jan-16	04-Jan-16	1	8m2		44
3MSS.1212	Pile cap side formworks - PC 15 (01)	02-Jan-16	04-Jan-16	1	8m2		44
3MSS.1213	Portion B3 concrete pouring	04-Jan-16	04-Jan-16	0	190m3		44
3MSS.1214	Concrete pouring - PC 62 (02)	04-Jan-16	05-Jan-16	1	5.6m3		45
3MSS.1215	Concrete pouring - PC 61 (02)	04-Jan-16	05-Jan-16	1	5.6m3		45
3MSS.1216	Concrete pouring - PC 53 (02)	04-Jan-16	05-Jan-16	1	5.6m3		46
3MSS.1217	Concrete pouring - PC 52 (02)	04-Jan-16	05-Jan-16	1	5.6m3		46
3MSS.1218	Concrete pouring - PC 54 (02)	04-Jan-16	05-Jan-16	1	5.6m3		46
3MSS.1219	Concrete pouring - PC 41 (02)	07-Jan-16	08-Jan-16	1	5.6m3		43
3MSS.1220	Concrete pouring - PC 42 (07)	09-Jan-16	11-Jan-16	1	25m3		42
3MSS.1221	Concrete pouring - PC 44 (02)	09-Jan-16	11-Jan-16	1	5.6m3		42
3MSS.1222	Concrete pouring - PC 43 (02)	09-Jan-16	11-Jan-16	1	5.6m3		42
3MSS.1223	Concrete pouring - PC 30 (S5)	26-Jan-16	28-Jan-16	2	142m3		29
3MSS.1224	Concrete pouring - PC 32 (01)	11-Jan-16	11-Jan-16	1	2m3		87
3MSS.1225	Concrete pouring - PC 31 (01)	11-Jan-16	11-Jan-16	1	2m3		87
3MSS.1226	Concrete pouring - PC 16 (01)	04-Jan-16	05-Jan-16	1	2m3		44
3MSS.1227	Concrete pouring - PC 15 (01)	04-Jan-16	05-Jan-16	1	2m3		44
Manhole (Type 12,8,40,1,11) - Portion B							
3MSS.1300	Excavation (Type 12) - GL 5/A-B	29-Dec-15	30-Dec-15	1	5m3	1 machine @ 190m3/day	45
3MSS.1301	Rebar Installation (Type 12) - GL 5/A-B	30-Dec-15	31-Dec-15	1			45
3MSS.1302	Formworks (Type 12) - GL 5/A-B	31-Dec-15	02-Jan-16	1			45
3MSS.1303	Concrete Pouring (Type 12) - GL 5/A-B	02-Jan-16	04-Jan-16	1			45
3MSS.1304	Excavation (Type 8) - GL 6-7/B-C	07-Jan-16	07-Jan-16	1	5m3	1 machine @ 190m3/day	42
3MSS.1305	Rebar Installation (Type 8) - GL 6-7/B-C	08-Jan-16	08-Jan-16	1			42
3MSS.1306	Formworks (Type 8) - GL 6-7/B-C	09-Jan-16	09-Jan-16	1			42
3MSS.1307	Concrete Pouring (Type 8) - GL 6-7/B-C	11-Jan-16	11-Jan-16	1			43
3MSS.1308	Excavation (Type 40) - GL 6-7/C-D	08-Jan-16	08-Jan-16	1	5m3	1 machine @ 190m3/day	42
3MSS.1309	Rebar Installation (Type 40) - GL 6-7/C-D	09-Jan-16	09-Jan-16	1			42
3MSS.1310	Formworks (Type 40) - GL 6-7/C-D	11-Jan-16	11-Jan-16	1			42
3MSS.1311	Concrete Pouring (Type 40) - GL 6-7/C-D	12-Jan-16	12-Jan-16	0			43



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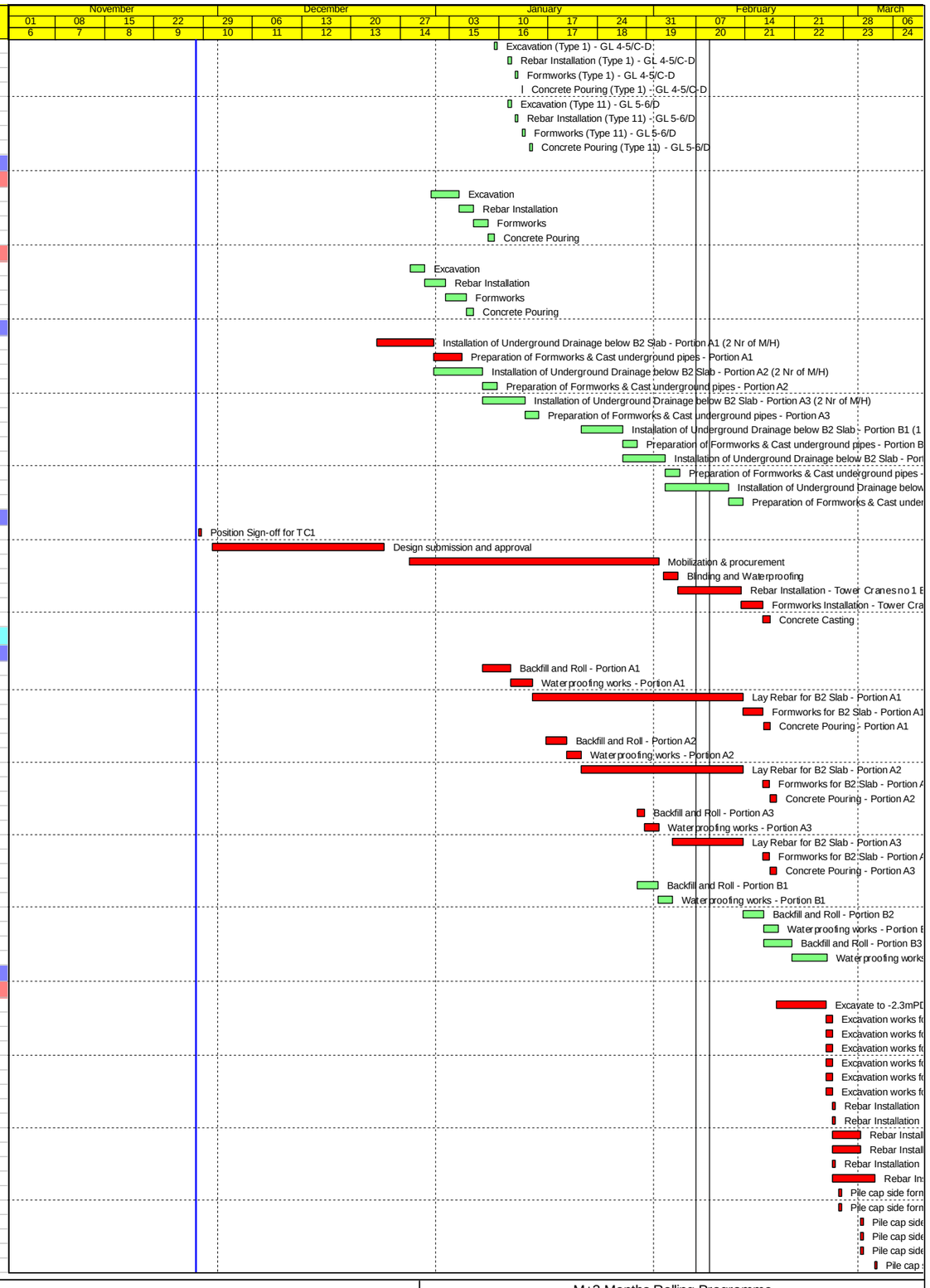
Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MSS.1312	Excavation (Type 1) - GL 4-5/C-D	09-Jan-16	09-Jan-16	1	5m3	1 machine @ 190m3/day	42
3MSS.1313	Rebar Installation (Type 1) - GL 4-5/C-D	11-Jan-16	11-Jan-16	1			42
3MSS.1314	Formworks (Type 1) - GL 4-5/C-D	12-Jan-16	12-Jan-16	1			42
3MSS.1315	Concrete Pouring (Type 1) - GL 4-5/C-D	13-Jan-16	13-Jan-16	0			43
3MSS.1316	Excavation (Type 11) - GL 5-6/D	11-Jan-16	11-Jan-16	1	5m3	1 machine @ 190m3/day	42
3MSS.1317	Rebar Installation (Type 11) - GL 5-6/D	12-Jan-16	12-Jan-16	1			42
3MSS.1318	Formworks (Type 11) - GL 5-6/D	13-Jan-16	13-Jan-16	1			42
3MSS.1319	Concrete Pouring (Type 11) - GL 5-6/D	14-Jan-16	14-Jan-16	1			42
Lift / Escalator Pit							
Lift Pit (GL 3-4/B'-C')							
3MSS.1320	Excavation	31-Dec-15	04-Jan-16	2	5m3	1 machine @ 190m3/day	88
3MSS.1321	Rebar Installation	04-Jan-16	06-Jan-16	2			88
3MSS.1322	Formworks	06-Jan-16	08-Jan-16	2			88
3MSS.1323	Concrete Pouring	08-Jan-16	09-Jan-16	1			88
Escalator Pit (GL 4-5/B'-C')							
3MSS.1324	Excavation	28-Dec-15	30-Dec-15	2	5m3	1 machine @ 190m3/day	43
3MSS.1325	Rebar Installation	30-Dec-15	02-Jan-16	2			43
3MSS.1326	Formworks	02-Jan-16	05-Jan-16	2			44
3MSS.1327	Concrete Pouring	05-Jan-16	06-Jan-16	1			44
Stage 1 - Underground Drainage							
3MSS.1328	Installation of Underground Drainage below B2 Slab - Portion A1 (2 Nr of M/H)	23-Dec-15	31-Dec-15	5	2 Nr		0
3MSS.1329	Preparation of Formworks & Cast underground pipes - Portion A1	31-Dec-15	04-Jan-16	2			0
3MSS.1330	Installation of Underground Drainage below B2 Slab - Portion A2 (2 Nr of M/H)	31-Dec-15	07-Jan-16	5	1 Nr		8
3MSS.1331	Preparation of Formworks & Cast underground pipes - Portion A2	07-Jan-16	09-Jan-16	2			8
3MSS.1332	Installation of Underground Drainage below B2 Slab - Portion A3 (2 Nr of M/H)	07-Jan-16	13-Jan-16	5	1 Nr		16
3MSS.1333	Preparation of Formworks & Cast underground pipes - Portion A3	13-Jan-16	15-Jan-16	2			16
3MSS.1334	Installation of Underground Drainage below B2 Slab - Portion B1 (1 Nr of M/H)	21-Jan-16	27-Jan-16	5	1 Nr		17
3MSS.1335	Preparation of Formworks & Cast underground pipes - Portion B1	27-Jan-16	29-Jan-16	2			23
3MSS.1336	Installation of Underground Drainage below B2 Slab - Portion B2 (3 Nr of M/H)	27-Jan-16	02-Feb-16	5	1 Nr		17
3MSS.1337	Preparation of Formworks & Cast underground pipes - Portion B2	02-Feb-16	04-Feb-16	2			17
3MSS.1338	Installation of Underground Drainage below B2 Slab - Portion B3 (1 Nr of M/H)	02-Feb-16	11-Feb-16	5	3 Nr		19
3MSS.1339	Preparation of Formworks & Cast underground pipes - Portion B3	11-Feb-16	13-Feb-16	2			19
Tower Crane No 1							
3MSS.1340	Position Sign-off for TC1	28-Nov-15	28-Nov-15	1			0
3MSS.1341	Design submission and approval	30-Nov-15	24-Dec-15	21			0
3MSS.1342	Mobilization & procurement	28-Dec-15	01-Feb-16	30			0
3MSS.1343	Blinding and Waterproofing	02-Feb-16	04-Feb-16	2			0
3MSS.1344	Rebar Installation - Tower Cranes no 1 Base Casting	04-Feb-16	13-Feb-16	5			0
3MSS.1345	Formworks Installation - Tower Cranes no 1 Base Casting	13-Feb-16	16-Feb-16	2			0
3MSS.1346	Concrete Casting	16-Feb-16	17-Feb-16	1			0
Stage 2							
Stage 2 - B2F Slab Construction							
3MSS.1347	Backfill and Roll - Portion A1	07-Jan-16	11-Jan-16	3	113m3	@ 40m3/day per gang	0
3MSS.1348	Waterproofing works - Portion A1	11-Jan-16	14-Jan-16	3	750m2	@300m2/day per gang	0
3MSS.1349	Lay Rebar for B2 Slab - Portion A1	14-Jan-16	13-Feb-16	23	610T	30men @ 0.9ton/m/day	0
3MSS.1350	Formworks for B2 Slab - Portion A1	13-Feb-16	16-Feb-16	2	85m2		0
3MSS.1351	Concrete Pouring - Portion A1	16-Feb-16	17-Feb-16	1	488m3		0
3MSS.1352	Backfill and Roll - Portion A2	16-Jan-16	19-Jan-16	2	84m3	@ 40m3/day per gang	2
3MSS.1353	Waterproofing works - Portion A2	19-Jan-16	21-Jan-16	2	750m2	@300m2/day per gang	2
3MSS.1354	Lay Rebar for B2 Slab - Portion A2	21-Jan-16	13-Feb-16	17	454T	30men @ 0.9ton/m/day	2
3MSS.1355	Formworks for B2 Slab - Portion A2	16-Feb-16	17-Feb-16	1	64m2		0
3MSS.1356	Concrete Pouring - Portion A2	17-Feb-16	18-Feb-16	1	363m3		0
3MSS.1357	Backfill and Roll - Portion A3	29-Jan-16	30-Jan-16	1	28m3	@ 40m3/day per gang	4
3MSS.1358	Waterproofing works - Portion A3	30-Jan-16	01-Feb-16	1	750m2	@300m2/day per gang	4
3MSS.1359	Lay Rebar for B2 Slab - Portion A3	03-Feb-16	13-Feb-16	6	152T	30men @ 0.9ton/m/day	2
3MSS.1360	Formworks for B2 Slab - Portion A3	16-Feb-16	17-Feb-16	1	36m2		0
3MSS.1361	Concrete Pouring - Portion A3	17-Feb-16	18-Feb-16	1	122m3		0
3MSS.1362	Backfill and Roll - Portion B1	29-Jan-16	01-Feb-16	2	95m3	@ 40m3/day per gang	23
3MSS.1363	Waterproofing works - Portion B1	01-Feb-16	03-Feb-16	2	750m2	@300m2/day per gang	23
3MSS.1367	Backfill and Roll - Portion B2	13-Feb-16	16-Feb-16	2	77m3	@ 40m3/day per gang	17
3MSS.1368	Waterproofing works - Portion B2	16-Feb-16	18-Feb-16	2	750m2	@300m2/day per gang	19
3MSS.1372	Backfill and Roll - Portion B3	16-Feb-16	20-Feb-16	4	158m3	@ 40m3/day per gang	17
3MSS.1373	Waterproofing works - Portion B3	20-Feb-16	25-Feb-16	4	750m2	@300m2/day per gang	17
Stage 2 - Site Formation & Pile Cap Construction							
Portion A4							
3MSS.1377	Excavate to -2.3mPD for B2 Slab Formation Level (GL F'-H'/7'-2') - Portion A4	18-Feb-16	25-Feb-16	6	1226m3	1 machines @ 350m3/day	0
3MSS.1378	Excavation works for Pile -PC 09 (02)	25-Feb-16	26-Feb-16	1	36m3	1 machine @ 190m3/day	0
3MSS.1379	Excavation works for Pile -PC 10 (01)	25-Feb-16	26-Feb-16	1	18m3	1 machine @ 190m3/day	0
3MSS.1380	Excavation works for Pile -PC 54 (03)	25-Feb-16	26-Feb-16	1	57m3	1 machine @ 190m3/day	0
3MSS.1381	Excavation works for Pile -PC 55 (03)	25-Feb-16	26-Feb-16	1	57m3	1 machine @ 190m3/day	0
3MSS.1382	Excavation works for Pile -PC 51 (02)	25-Feb-16	26-Feb-16	1	36m3	1 machine @ 190m3/day	0
3MSS.1383	Excavation works for Pile -PC 45 (07)	25-Feb-16	26-Feb-16	1	81m3	1 machine @ 190m3/day	0
3MSS.1384	Rebar Installation - PC 09 (02)	26-Feb-16	26-Feb-16	1			2
3MSS.1385	Rebar Installation - PC 10 (01)	26-Feb-16	26-Feb-16	1			2
3MSS.1386	Rebar Installation - PC 54 (03)	26-Feb-16	01-Mar-16	3			0
3MSS.1387	Rebar Installation - PC 55 (03)	26-Feb-16	01-Mar-16	3			0
3MSS.1388	Rebar Installation - PC 51 (02)	26-Feb-16	26-Feb-16	1			0
3MSS.1389	Rebar Installation - PC 45 (07)	26-Feb-16	03-Mar-16	5			0
3MSS.1390	Pile cap side formwork -PC 09 (02)	27-Feb-16	27-Feb-16	1			3
3MSS.1391	Pile cap side formwork -PC 10 (01)	27-Feb-16	27-Feb-16	1			3
3MSS.1392	Pile cap side formwork -PC 54 (03)	01-Mar-16	01-Mar-16	1			1
3MSS.1393	Pile cap side formwork -PC 55 (03)	01-Mar-16	01-Mar-16	1			1
3MSS.1394	Pile cap side formwork -PC 51 (02)	01-Mar-16	01-Mar-16	1			1
3MSS.1395	Pile cap side formwork -PC 45 (07)	03-Mar-16	03-Mar-16	1			0



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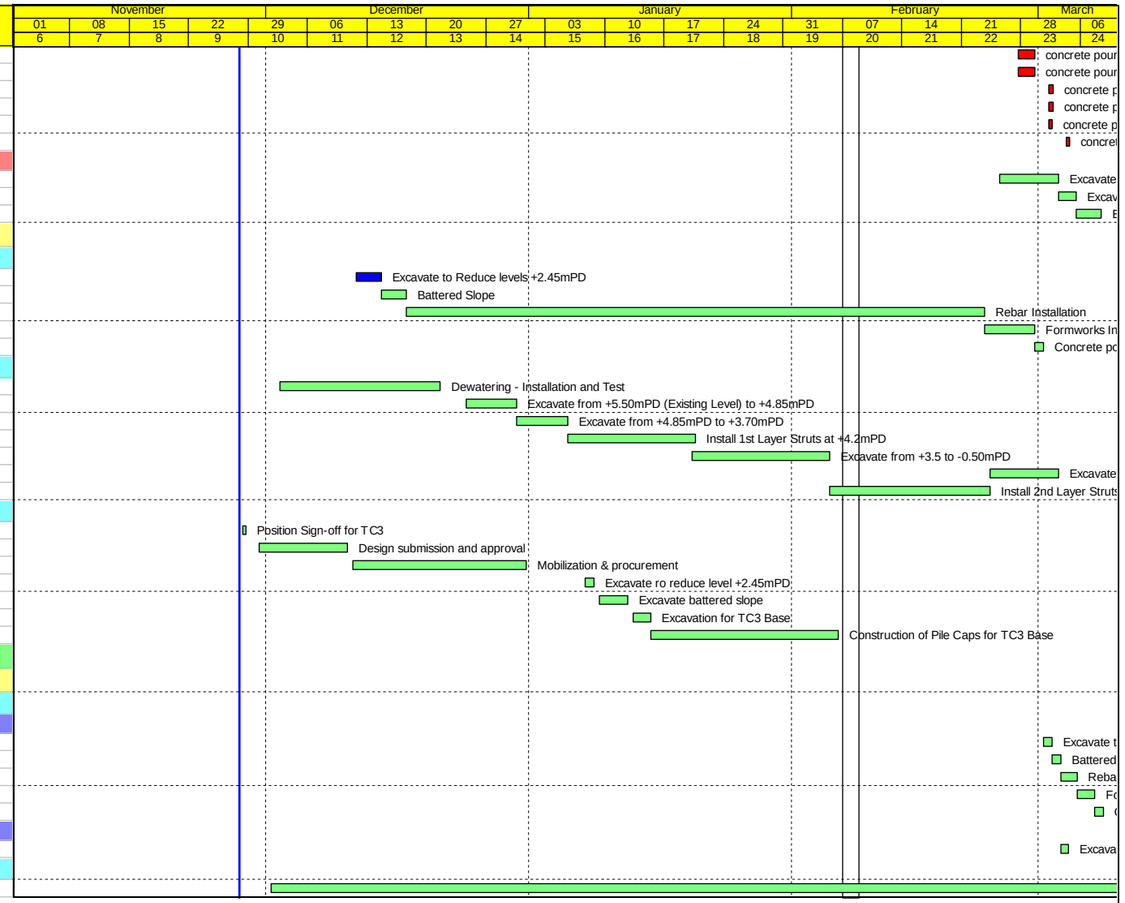
Activity ID	Activity Name	Start	Finish	Original Duration	Quants	Production	Total Float
3MSS.1396	concrete pouring - PC 09 (02)	27-Feb-16	29-Feb-16	1			4
3MSS.1397	concrete pouring - PC 10 (01)	27-Feb-16	29-Feb-16	1			4
3MSS.1398	concrete pouring - PC 54 (03)	02-Mar-16	02-Mar-16	1			2
3MSS.1399	concrete pouring - PC 55 (03)	02-Mar-16	02-Mar-16	1			2
3MSS.1400	concrete pouring - PC 51 (02)	02-Mar-16	02-Mar-16	1			2
3MSS.1401	concrete pouring - PC 45 (07)	04-Mar-16	04-Mar-16	1			0
Portion A5							
3MSS.1402	Excavate to -2.3mPD for B2 Slab Formation Level (GL H'-J'/1-3) - Portion A5	25-Feb-16	03-Mar-16	6	1971m3	1 machines @ 350m3/day	27
3MSS.1403	Excavate to -2.3mPD for B2 Slab battered slope (GL H'-J'/7'-2) - Portion A5 (N)	03-Mar-16	05-Mar-16	2	799m3	1 machines @ 350m3/day	27
3MSS.1404	Excavate to -2.3mPD for B2 Slab battered slope (GL F'-H'/2-4) - Portion A5 (S)	05-Mar-16	08-Mar-16	2	799m3	1 machines @ 350m3/day	27
M+ AEL South							
East Pile Cap (Core wall)							
3MSS.S001	Excavate to Reduce levels +2.45mPD	11-Dec-15 A	14-Dec-15 A	2	464m3	1 machine @ 190m3/day	
3MSS.S002	Battered Slope	14-Dec-15	17-Dec-15	3	510m3		193
3MSS.S003	Rebar Installation	17-Dec-15	23-Feb-16	51	699T	15men @ 0.9ton/m/day	193
3MSS.S004	Formworks Installation	23-Feb-16	29-Feb-16	5	209m2	2 men @ 22m2/d/man	193
3MSS.S005	Concrete pouring	29-Feb-16	01-Mar-16	1	777m3		193
DCS Structure							
3MSS.D000	Dewatering - Installation and Test	02-Dec-15	21-Dec-15	16			243
3MSS.D001	Excavate from +5.50mPD (Existing Level) to +4.85mPD	24-Dec-15	30-Dec-15	3	427m3	1 machine @ 190m3/day	242
3MSS.D002	Excavate from +4.85mPD to +3.70mPD	30-Dec-15	05-Jan-16	4	756m3	1 machine @ 190m3/day	242
3MSS.D003	Install 1st Layer Struts at +4.2mPD	05-Jan-16	20-Jan-16	13			242
3MSS.D004	Excavate from +3.5 to -0.50mPD	20-Jan-16	05-Feb-16	14	2764m3	1 machine @ 190m3/day	240
3MSS.D005	Excavate to -0.5mPD to -2.5mPD	24-Feb-16	03-Mar-16	7	1316m3	1 machine @ 190m3/day	240
3MSS.D006	Install 2nd Layer Struts at 0.0mPD (w/ preloading)	05-Feb-16	24-Feb-16	13			240
Tower Crane No 3							
3MSS.T002	Position Sign-off for TC3	28-Nov-15	28-Nov-15	1			263
3MSS.T003	Design submission and approval	30-Nov-15	10-Dec-15	10			263
3MSS.T004	Mobilization & procurement	11-Dec-15	31-Dec-15	15			263
3MSS.T006	Excavate ro reduce level +2.45mPD	07-Jan-16	08-Jan-16	1	464m3	350m3/day	259
3MSS.T007	Excavate battered slope	09-Jan-16	12-Jan-16	3	510m3	350m3/day	259
3MSS.T008	Excavation for TC3 Base	13-Jan-16	15-Jan-16	2	6m3	1 machine @ 190m3/day	259
3MSS.T009	Construction of Pile Caps for TC3 Base	15-Jan-16	06-Feb-16	19			259
M+.70 External Works							
Interfacing Works							
#6 - Work Sequence Along Interface south of AEL							
Pile Cap 95 (M14a, 15, 16)							
3MIF.I001	Excavate to Reduce levels +3.9mPD	01-Mar-16	02-Mar-16	1	7m3	1 machine @ 190m3/day	193
3MIF.I002	Battered Slope	02-Mar-16	03-Mar-16	1	42m3		193
3MIF.I003	Rebar Installation	03-Mar-16	05-Mar-16	2	6.45T	5men @ 0.9ton/m/day	193
3MIF.I004	Formworks Installation	05-Mar-16	07-Mar-16	1	21m2	2 men @ 22m2/d/man	193
3MIF.I005	Concrete pouring	07-Mar-16	08-Mar-16	1	7m3		193
Pile Cap 100							
3MIF.I031	Excavate to Reduce levels +0.7mPD	03-Mar-16	04-Mar-16	1	15m3	1 machine @ 190m3/day	193
#100A - Stockpiling in Arts Pavilion Site							
3MIF.1150	Stockpile period	01-Dec-15	01-Apr-16	94			218



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