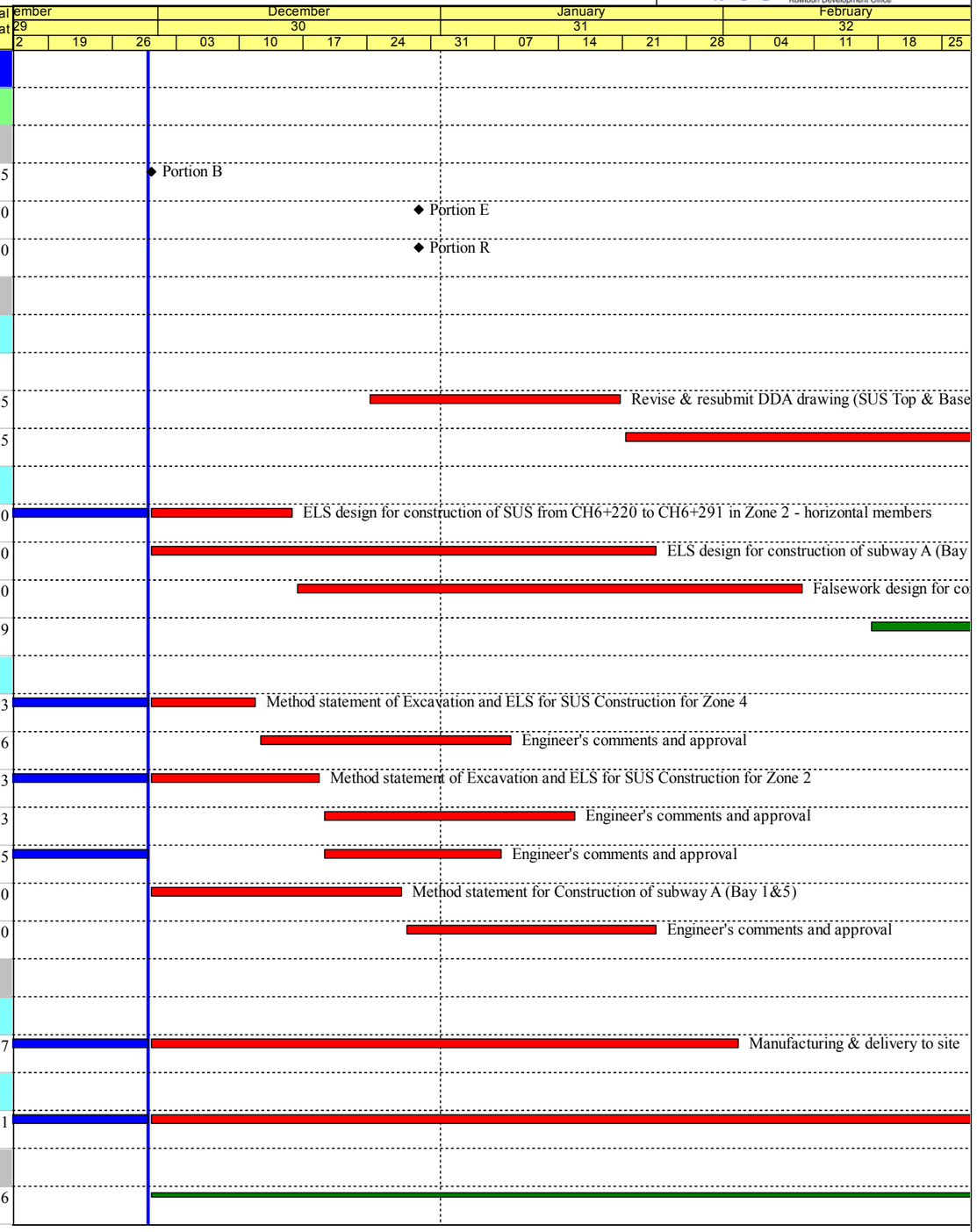
KL/2014/03 Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway

Hyder - Meinhardt JV

CEDD 土木工程拓展署 Civil Engineering and Development Department 九龍拓展處 Kowloon Development Office

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
KL/2014/03-Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway						
Project Key Dates						
Site Handover Date						
K-PK-SHD-1100	Portion B	0	0		30-Nov-17*	-215
K-PK-SHD-1500	Portion E	0	0		29-Dec-17*	0
K-PK-SHD-2500	Portion R	0	0		29-Dec-17*	0
General Submission						
Alternative Design Submission and Approval						
Package B06 : SUS Top & base slab and intermediate wall from (CH6+220 to CH6+568)						
K-PA-ADS-1420	Revise & resubmit DDA drawing (SUS Top & Base slab and Intermediate wall from CH6+220 to CH6+568)	28	28	24-Dec-17	20-Jan-18	-175
K-PA-ADS-1430	Engineer's review and approval	56	56	21-Jan-18	17-Mar-18	-175
Major Temporary Works Design						
K-PA-GSP-6820	ELS design for construction of SUS from CH6+220 to CH6+291 in Zone 2 - horizontal members	56	16	05-Sep-17 A	15-Dec-17	-130
K-PA-GSP-6840	ELS design for construction of subway A (Bay 1&5)	56	56	30-Nov-17	24-Jan-18	-10
K-PA-GSP-6900	Falsework design for construction of top slab of SUS structure	56	56	16-Dec-17	09-Feb-18	-120
K-PA-GSP-9150	Temporary design of the trenchless construction for DCS pipelines	35	35	17-Feb-18	23-Mar-18	69
Major Construction Works Method Statement						
K-PA-GSP-7160	Method statement of Excavation and ELS for SUS Construction for Zone 4	28	12	12-Aug-17 A	11-Dec-17	-113
K-PA-GSP-7165	Engineer's comments and approval	28	28	12-Dec-17	08-Jan-18	-66
K-PA-GSP-7170	Method statement of Excavation and ELS for SUS Construction for Zone 2	28	19	20-Sep-17 A	18-Dec-17	-113
K-PA-GSP-7175	Engineer's comments and approval	28	28	19-Dec-17	15-Jan-18	-113
K-PA-GSP-7455	Engineer's comments and approval	28	20	23-Oct-17 A	07-Jan-18	-105
K-PA-GSP-7460	Method statement for Construction of subway A (Bay 1&5)	28	28	30-Nov-17	27-Dec-17	-10
K-PA-GSP-7465	Engineer's comments and approval	28	28	28-Dec-17	24-Jan-18	-10
Materials Procurement (Major Materials)						
ELS struct / waling						
K-PA-MP-1150	Manufacturing & delivery to site	360	65	10-Jun-16 A	02-Feb-18	-77
Chilled Water Pipes - DCS						
K-PA-MP-1350	Manufacturing & delivery to site	550	320	06-Feb-17 A	15-Oct-18	-11
Prelimiaries						
K-DR-PRE-1800	Submission of time-lapsed photographs and video	1190	613	20-Feb-16 A	04-Aug-19	-36



中國路橋工程有限責任公司 CHINA ROAD AND BRIDGE CORPORATION

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3 MRP Dec 2017 - Feb 2018

Project ID :24 3MRP Dec - Feb 18
Layout : KL201403 3MRP

3 Months Rolling Programme			
Date	Revision	Checked	Approved
30-Nov-17	Dec 17 - Feb 18		

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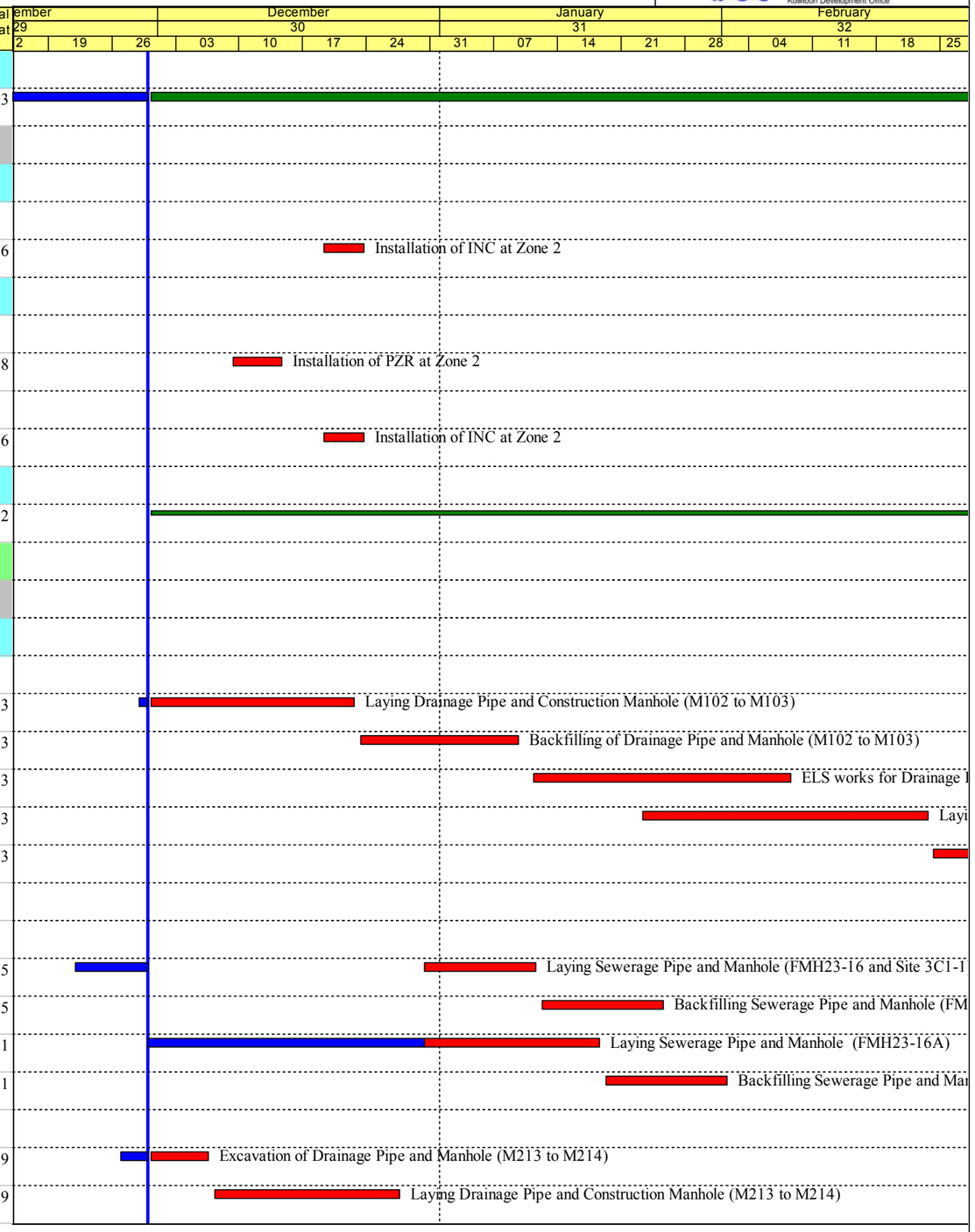
Barge Loading Facilities						
K-DR-PRE-1480	Operation of temporary barging point	430	288	21-Jun-17 A	20-Nov-18	3
Instrumentation and Monitoring						
Eastbound Instrumentation and Monitoring						
Inclinometer (INC)						
K-IM-INC-1320	Installation of INC at Zone 2	5	5	19-Dec-17	23-Dec-17	-116
Westbound Instrumentation and Monitoring						
Piezometer/Standpipe (PZR)						
K-IM-PZR-1360	Installation of PZR at Zone 2	5	5	09-Dec-17	14-Dec-17	-108
Inclinometer (INC)						
K-IM-INC-1360	Installation of INC at Zone 2	5	5	19-Dec-17	23-Dec-17	-116
Tilt Monitoring Tile Plates						
K-IM-TMT-1000	Tilt Monitoring near PWCL	310	285	25-Apr-16 A	10-Sep-18	-122
Section 1 of the Works-Remainder of the Works						
Roadwork and Drainage Works						
Road D4-4 (Cheung Yip Street)						
Drainage Works (CH100 to CH240)						
K-01-RWS-9353	Laying Drainage Pipe and Construction Manhole (M102 to M103)	25	20	29-Nov-17 A	22-Dec-17	-93
K-01-RWS-9354	Backfilling of Drainage Pipe and Manhole (M102 to M103)	12	12	23-Dec-17	09-Jan-18	-93
K-01-RWS-9850	ELS works for Drainage Pipe and Manhole (M103 to M104)	25	25	11-Jan-18	08-Feb-18	-93
K-01-RWS-9860	Laying Drainage Pipe and Construction Manhole (M103 to M104)	25	25	23-Jan-18	23-Feb-18	-93
K-01-RWS-9870	Backfilling of Drainage Pipe and Manhole (M103 to M104)	12	12	24-Feb-18	09-Mar-18	-93
CH240 - CH400 Northbound						
Sewerage Works						
K-01-RWS-9820	Laying Sewerage Pipe and Manhole (FMH23-16 and Site 3C1-1)	22	10	22-Nov-17 A	11-Jan-18	-165
K-01-RWS-9830	Backfilling Sewerage Pipe and Manhole (FMH23-16 and Site 3C1-1)	12	12	12-Jan-18	25-Jan-18	-165
K-01-RWS-9890	Laying Sewerage Pipe and Manhole (FMH23-16A)	22	16	30-Nov-17 A	18-Jan-18	-171
K-01-RWS-9900	Backfilling Sewerage Pipe and Manhole (FMH23-16A)	12	12	19-Jan-18	01-Feb-18	-171
Laying of Drainage Pipe and Construction of Manhole (M206 to M213)						
K-01-RWS-9910	Excavation of Drainage Pipe and Manhole (M213 to M214)	8	6	27-Nov-17 A	06-Dec-17	-179
K-01-RWS-9920	Laying Drainage Pipe and Construction Manhole (M213 to M214)	16	16	07-Dec-17	27-Dec-17	-179



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3 MRP Dec 2017 - Feb 2018

Page 2 of 5

Project ID :24 3MRP Dec - Feb 18
Layout : KL201403 3MRP
Page 2 of 5

3 Months Rolling Programme			
Date	Revision	Checked	Approved
30-Nov-17	Dec 17 - Feb 18		

KL/2014/03 Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway

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K-01-RWS-9930	Backfilling Drainage Pipe and Manhole (M213 to M214)	12	12	28-Dec-17	11-Jan-18	-179
K-01-RWS-9940	Excavation of Drainage Pipe and Manhole (M212 to M213)	8	8	30-Dec-17	09-Jan-18	-179
K-01-RWS-9950	Laying Drainage Pipe and Construction Manhole (M212 to M213)	16	16	10-Jan-18	27-Jan-18	-179
K-01-RWS-9960	Backfilling Drainage Pipe and Manhole (M212 to M213)	12	12	29-Jan-18	10-Feb-18	-179
Road Works						
K-01-RWS-9440	Construction of Road Base and Road Pavement	40	40	12-Feb-18	06-Apr-18	-179
Seawall Modification Works						
K-01-RWS-9750	Conreting for Seawall	5	5	06-Dec-17	11-Dec-17	14
K-01-RWS-9770	AI test and CCTV test for drainage pipe	1	1	11-Dec-17	12-Dec-17	14
K-01-RWS-9780	Beakfilling of Drianage pipe near seawall	1	1	12-Dec-17	13-Dec-17	14
K-01-RWS-9790	Maintance department handover inspection	1	1	13-Dec-17	14-Dec-17	14
K-01-RWS-9800	Removal of stop log	1	1	14-Dec-17	15-Dec-17	14
Section 1A of the Works -Construction of Supporting Underground Structure (Alternative Design)						
SUS and Ventilation Adits from CH6+150 to CH6+220 in Zone 1						
Construction of Tunnel Box Structure						
SUS Bay 1 (Ch6150-Ch6167.5)						
K-1A-SV1-8260	Backfilling with Sand and Casting Mass Concrete between VA1, VA2 and SA	5	0	12-Oct-17 A	30-Nov-17 A	
K-1A-SV1-8290	Erection of Scaffold and Formwork for Base Slab Construction (inside VA1 and VA3)	7	5	22-Nov-17 A	05-Dec-17	-64
K-1A-SV1-8300	Backfilling with Sand to Formation Level	6	4	18-Nov-17 A	08-Dec-17	-64
K-1A-SV1-8320	Construction of Base Slab	12	12	25-Nov-17 A	15-Dec-17	-64
K-1A-SV1-8330	Removal of Strut S3	4	4	16-Dec-17	20-Dec-17	-64
K-1A-SV1-8350	Side Wall and Intermediate Wall Construction	10	10	21-Dec-17	04-Jan-18	-64
K-1A-SV1-8360	Erection of Scaffold and Installation of Re-prop Struct inside W/B and E/B	8	8	05-Jan-18	13-Jan-18	-64
K-1A-SV1-8370	Removal of Strut S2	5	5	15-Jan-18	19-Jan-18	-64
K-1A-SV1-8400	Constrcution of Top Slab	20	20	24-Jan-18	15-Feb-18	-64
K-1A-SV1-8410	Waterproofing Works	5	5	20-Feb-18	24-Feb-18	-64
K-1A-SV1-8420	Breaking and Removal D-wall to +2.5mPD	10	10	26-Feb-18	08-Mar-18	-64
SUS Bay 2 (Ch6167.5-Ch6185)						
K-1A-SV1-8870	Construction of VA2 Wall Structure	8	2	25-Sep-17 A	01-Dec-17	-46
K-1A-SV1-8880	Strip Formwork and Remedial Works for Waterproofing	3	3	02-Dec-17	05-Dec-17	-46
K-1A-SV1-8910	Casting Blinding Layer (No-Fine) and Laying Waterproofing Works	4	4	18-Nov-17 A	08-Dec-17	-59

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30-Nov-17	Dec 17 - Feb 18		

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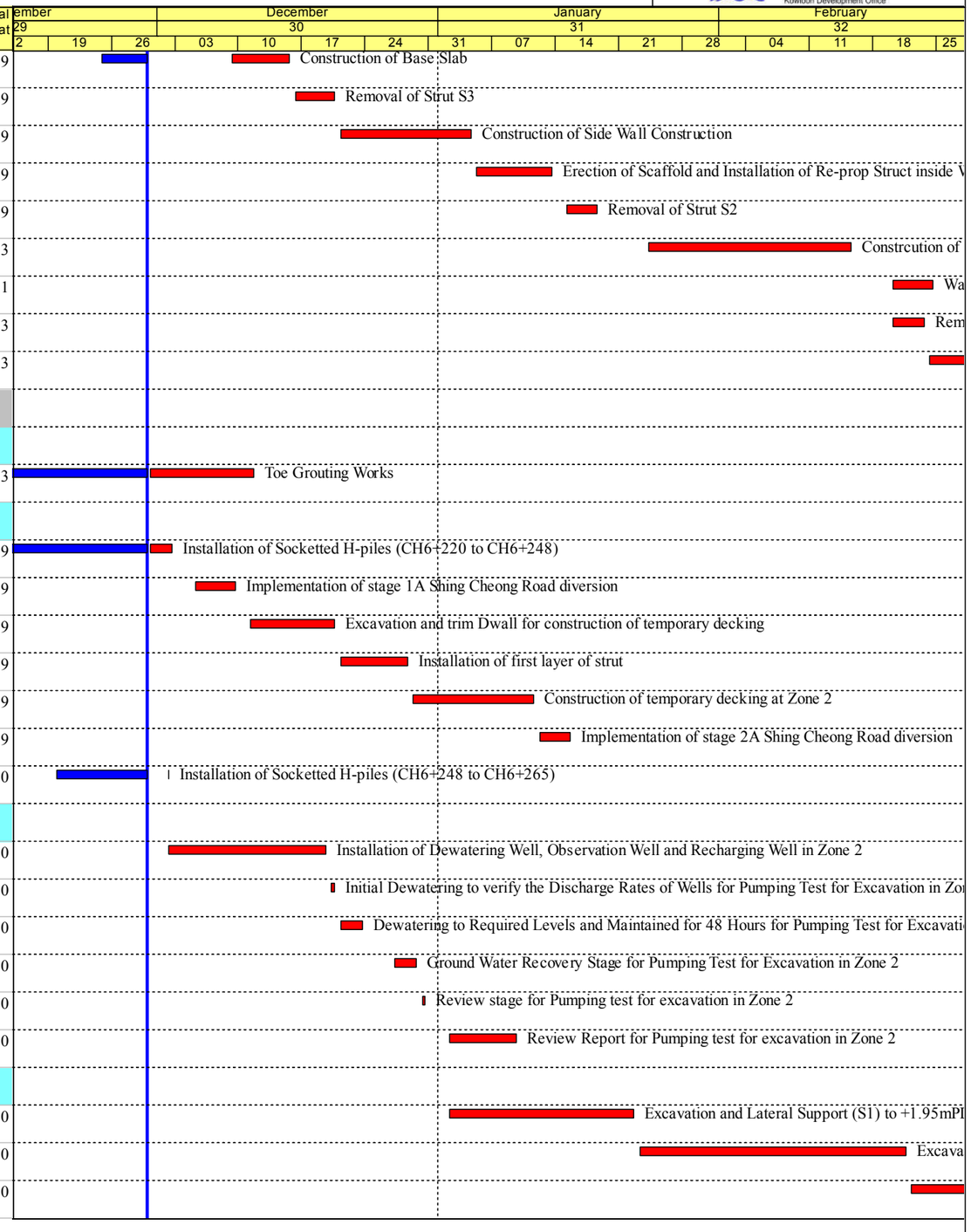
K-1A-SV1-8920	Construction of Base Slab	6	6	25-Nov-17 A	15-Dec-17	-59
K-1A-SV1-8930	Removal of Strut S3	4	4	16-Dec-17	20-Dec-17	-59
K-1A-SV1-8950	Construction of Side Wall Construction	10	10	21-Dec-17	04-Jan-18	-59
K-1A-SV1-8960	Erection of Scaffold and Installation of Re-prop Struct inside W/B and E/B	8	8	05-Jan-18	13-Jan-18	-59
K-1A-SV1-8970	Removal of Strut S2	4	4	15-Jan-18	18-Jan-18	-59
K-1A-SV1-8990	Constrcution of Top Slab	20	20	24-Jan-18	15-Feb-18	-63
K-1A-SV1-8995	Waterproofing Works	5	5	20-Feb-18	24-Feb-18	-61
K-1A-SV1-8998	Removal of Strut S1	4	4	20-Feb-18	23-Feb-18	-63
K-1A-SV1-9020	Breaking and Removal of D-wall to +2.5mPD	10	10	24-Feb-18	07-Mar-18	-63
SUS and Ventilation Adits from CH6+220 to CH6+291 in Zone 2						
E/B Construction of D-Wall						
K-1A-SV2-2800	Toe Grouting Works	20	10	26-Sep-17 A	11-Dec-17	-113
Construction of Socketed H-Pile						
K-1A-SV2-3300	Installation of Socketted H-piles (CH6+220 to CH6+248)	25	3	11-Oct-17 A	02-Dec-17	-119
K-1A-SV2-3310	Implementation of stage 1A Shing Cheong Road diversion	5	5	05-Dec-17	09-Dec-17	-119
K-1A-SV2-3320	Excavation and trim Dwall for construction of temporary decking	9	9	11-Dec-17	20-Dec-17	-119
K-1A-SV2-3330	Installation of first layer of strut	5	5	21-Dec-17	28-Dec-17	-119
K-1A-SV2-3340	Construction of temporary decking at Zone 2	11	11	29-Dec-17	11-Jan-18	-119
K-1A-SV2-3350	Implementation of stage 2A Shing Cheong Road diversion	3	3	12-Jan-18	15-Jan-18	-119
K-1A-SV2-3400	Installation of Socketted H-piles (CH6+248 to CH6+265)	20	0	20-Nov-17 A	02-Dec-17	-100
Pumping Test						
K-1A-SV2-6000	Installation of Dewatering Well, Observation Well and Recharging Well in Zone 2	15	15	02-Dec-17	19-Dec-17	-120
K-1A-SV2-6100	Initial Dewatering to verify the Discharge Rates of Wells for Pumping Test for Excavation in Zone 2	1	1	20-Dec-17	20-Dec-17	-120
K-1A-SV2-6110	Dewatering to Required Levels and Maintained for 48 Hours for Pumping Test for Excavation in Zone 2	3	3	21-Dec-17	23-Dec-17	-120
K-1A-SV2-6120	Ground Water Recovery Stage for Pumping Test for Excavation in Zone 2	3	3	27-Dec-17	29-Dec-17	-120
K-1A-SV2-6130	Review stage for Pumping test for excavation in Zone 2	1	1	30-Dec-17	30-Dec-17	-120
K-1A-SV2-6140	Review Report for Pumping test for excavation in Zone 2	7	7	02-Jan-18	09-Jan-18	-120
Excavation and ELS Construction						
K-1A-SV2-6200	Excavation and Lateral Support (S1) to +1.95mPD	18	18	02-Jan-18	22-Jan-18	-120
K-1A-SV2-6250	Excavation and Lateral Support (S2) to -2.20mPD	23	23	23-Jan-18	21-Feb-18	-120
K-1A-SV2-6300	Excavation and Lateral Support (S3) to -6.20mPD	25	25	22-Feb-18	22-Mar-18	-120



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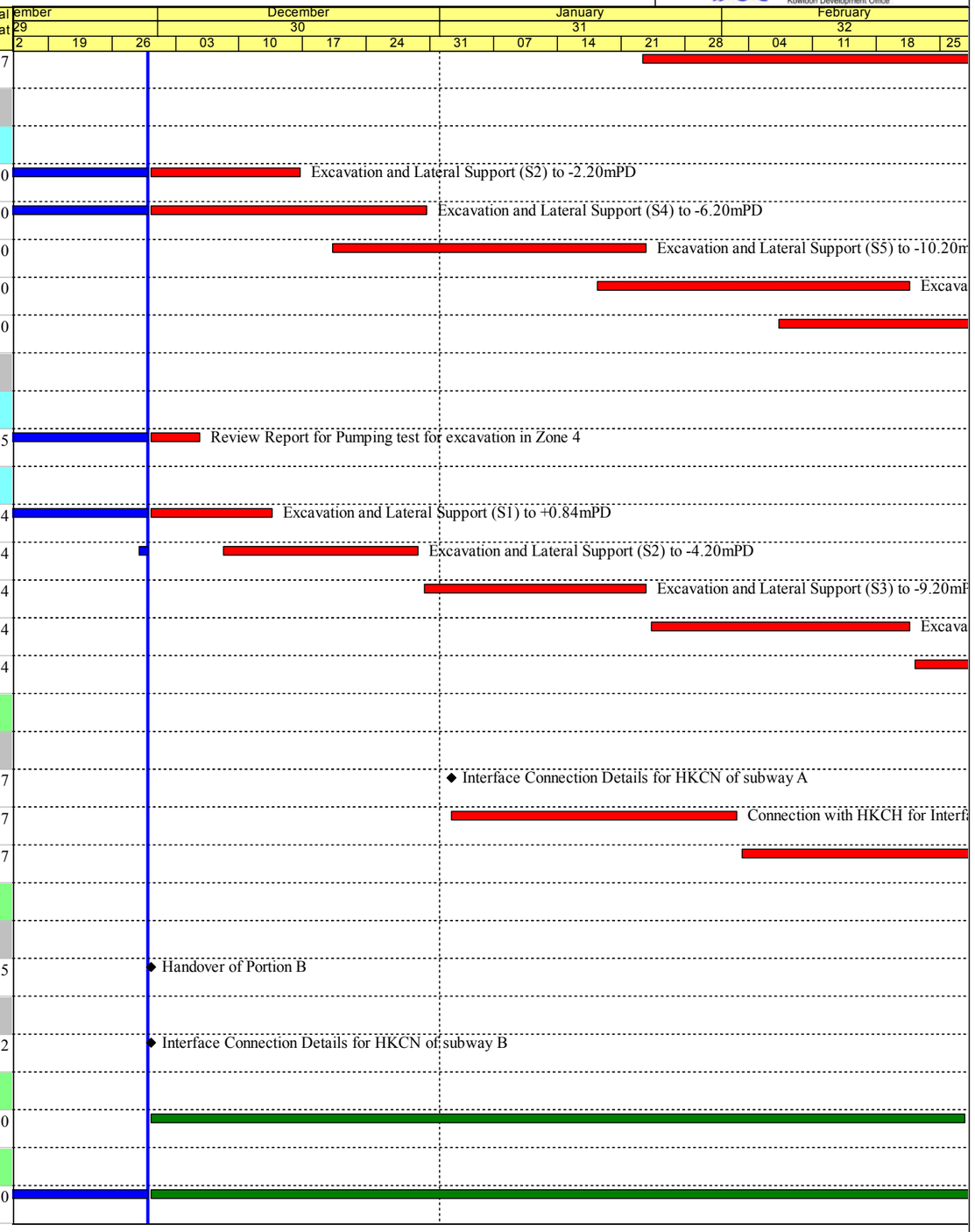
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
K-1A-SV2-6560	Construction of temporary steel decking and platforms along the westbound diaphram walls	50	50	23-Jan-18	24-Mar-18	-117
SUS Structure from CH6+291 to 6+467 in Zone 3						
Excavation and ELS Construction						
K-1A-SV3-5650	Excavation and Lateral Support (S2) to -2.20mPD	24	15	25-Aug-17 A	16-Dec-17	-150
K-1A-SV3-5700	Excavation and Lateral Support (S4) to -6.20mPD	25	25	10-Oct-17 A	30-Dec-17	-150
K-1A-SV3-5750	Excavation and Lateral Support (S5) to -10.20mPD	27	27	20-Dec-17	23-Jan-18	-150
K-1A-SV3-5800	Excavation and Lateral Support (S6) to -14.20mPD	27	27	18-Jan-18	21-Feb-18	-150
K-1A-SV3-5850	Excavation and Lateral Support (S7) to -18.20mPD	30	30	07-Feb-18	16-Mar-18	-150
SUS Structure from CH6+467 to 6+568 in Zone 4						
Pumping Test						
K-1A-SV4-5140	Review Report for Pumping test for excavation in Zone 4	7	5	26-Oct-17 A	05-Dec-17	-105
Excavation and ELS Construction						
K-1A-SV4-5600	Excavation and Lateral Support (S1) to +0.84mPD	14	12	15-Nov-17 A	13-Dec-17	-124
K-1A-SV4-5650	Excavation and Lateral Support (S2) to -4.20mPD	18	17	29-Nov-17 A	29-Dec-17	-124
K-1A-SV4-5700	Excavation and Lateral Support (S3) to -9.20mPD	20	20	30-Dec-17	23-Jan-18	-124
K-1A-SV4-5750	Excavation and Lateral Support (S4) to -14.20mPD	22	22	24-Jan-18	21-Feb-18	-124
K-1A-SV4-5800	Excavation and Lateral Support (S5) to -18.20mPD	18	18	22-Feb-18	14-Mar-18	-124
Section 4A of the Works-Construction of Subway A (Subject to Excision)						
Bay 1						
K-4A-BAY-1050	Interface Connection Details for HKCN of subway A	0	0	02-Jan-18*		-17
K-4A-BAY-1060	Connection with HKCH for Interfacing Works	28	28	02-Jan-18	02-Feb-18	-17
K-4A-BAY-1100	Installation of Sheetpile for Bay 1	21	21	03-Feb-18	02-Mar-18	-17
Section 4B of the Works- Construction of Subway B (Subject to Excision)						
Bay 1 & 2						
K-4B-BAY-3100	Handover of Portion B	0	0		30-Nov-17*	-215
Bay 3 & 4						
K-4B-BAY-2480	Interface Connection Details for HKCN of subway B	0	0	30-Nov-17		-52
Section 5 of the Works-Completion of All Landscape Softworks						
K-05-LCS-1000	Procurement of plant species	90	90	30-Nov-17	27-Feb-18	410
Section 7 of the Works-Preservation and Protection of Existing Trees						
K-07-001-1000	Section 7 of the Works-Preservation and Protection of Existing Trees	1200	570	04-Jan-16 A	22-Jun-19	10



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3 MRP Dec 2017 - Feb 2018

Page 5 of 5

Project ID :24 3MRP Dec - Feb 18
Layout : KL201403 3MRP
Page 5 of 5

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30-Nov-17	Dec 17 - Feb 18		