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The logo for MaterialLab, featuring the word "MaterialLab" in a bold, sans-serif font. The text is white and is set against a black rectangular background that has horizontal bars above and below it.

Report No.: 0165/15/ED/0653

Appendix C

Construction Programme

Activity ID	Activity Name	2016				2017
		Sep	Oct	Nov	Dec	Jan
HKBCF - VCP & Ancillary Buildings and Facilities, DWP Rev. 3, DD 30 Sep. 16						
CONTRACT DATES						
Key Dates						
A1150	KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)					◆ KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)
Site Access & Possession						
Possession of Portion of Site						
A0010	Possession of Portion A1 (<= 70 days)	◆ Possession of Portion A1 (<= 70 days)				
A0020	Possession of Portion A2 (<= 75 days)	◆ Possession of Portion A2 (<= 75 days)				
A0030	Possession of Portion B (<=100 days)		◆ Possession of Portion B (<=100 days)			
A0050	Possession of Portion D (<=220 days)		◆ Possession of Portion D (<=220 days)			
A0060	Possession of Portion E (<=160 days)		◆ Possession of Portion E (<=160 days)			
A0080	Possession of Portion G (<=225 days)		◆ Possession of Portion G (<=225 days)			
A0090	Possession of Portion H1 (<=273 days)		◆ Possession of Portion H1 (<=273 days)			
A0100	Possession of Portion H2 (<=273 days)		◆ Possession of Portion H2 (<=273 days)			
A0110	Possession of Portion J (<=320 days)		◆ Possession of Portion J (<=320 days)			
A0150	Possession of Portion N (<=345 days)		◆ Possession of Portion N (<=345 days)			
A0160	Possession of Portion P (<=502 days)		◆ Possession of Portion P (<=502 days)			
A0170	Possession of Portion Q (<=500 days)		◆ Possession of Portion Q (<=500 days)			
Access to Locations of the Site						
A0210	Contract Date for Access to Location 1.1 (490 days)		◆ Contract Date for Access to Location 1.1 (490 days)			
A0220	Contract Date for Access to Location 1.2 (405 days)		◆ Contract Date for Access to Location 1.2 (405 days)			
A0230	Contract Date for Access to Location 1.3 (488 days)		◆ Contract Date for Access to Location 1.3 (488 days)			
A0240	Contract Date for Access to Location 1.4 (488 days)		◆ Contract Date for Access to Location 1.4 (488 days)			
A0250	Contract Date for Access to Location 1.5 (580 days)			◆ Contract Date for Access to Location 1.5 (580 days)		
A0280	Contract Date for Access to Location 1.7A (610 days)				◆ Contract Date for Access to Location 1.7A (610 days)	
A0290	Contract Date for Access to Location 1.7B (610 days)				◆ Contract Date for Access to Location 1.7B (610 days)	
A0300	Contract Date for Access to Location 1.7C (610 days)				◆ Contract Date for Access to Location 1.7C (610 days)	
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)		◆ Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)			
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)		◆ Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)			
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)			◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)		
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)			◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)		
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)			◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)		
PRELIMINARY						
Precast Yard for Bridge Segement						
A0630	Segement Manufacture					
PORTION A1						
Portion A1 Structures						
Bridge A9						
Bored Pile						
SA9120	Bored pile for A9 Bridge, 10 no.					
SA9140	Pile testing					
Pile Cap						
SA9210	Cap - A905					
SA9220	Cap - P904					
SA9230	Cap - P903					

- Actual Work
- Remaining Work
- Critical
- ◆ Milestone

THREE MONTH ROLLING PROGRAMME
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

Date	Revision	Checked	Approved
30-Sep-16	3MRP updated as of 30 Sep. 2016	ZJ	
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Activity ID	Activity Name	2016					2017
		Sep	Oct	Nov	Dec	Jan	
SA9240	Cap - P902						
SA9250	Cap - A901						
Pier & Abutment							
SA9310	Abutment A905						
SA9320	Pier P904						
SA9330	Pier P903						
SA9340	Pier P902						
Structure Deck							
SA9400	Falsework for Deck A905 - P904						
Retaining Wall W8-1							
SW8110	Construction of Retaing Wall W8-1 (U-shape, 4 bays)						
Retaining Wall W9-1							
SW9110	Construction of Retaining Wall W9-1 (U-shape, 4 bays) (+PL Test)						
Box Culvert D							
Box Culvert D Construction							
SD0140	Box Culvert D Construction (Stage 1, Bay 33 - 35)						
SD0150	Box Culvert D Construction (Stage 2, Bay 36 - 38)						
SD0160	Box Culvert D Construction (Stage 3, Bay 39 - 42)						
SD0170	Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)						
SD0180	Box Culvert D Backfilling						
047 - Fresh Water Pumping Station, Portion A1 & A2							
A04715	Removal of Surcharge						
A04720	Excavation + Blinding						
A04730	Pile Testing						
A04740	Water Tank Construction						
049 - Sewage Treatment Plant, Portion A1 & A2							
A04945	Removal of Surcharge						
A04946	Excavation to 0.0mPD/+4.9mPD						
A04948	Pile Testing						
A04950	Sheet Piling as ELS1 for Equalization Tanks						
A04960	Sheet Piling as ELS2 for Sludge Holding Tanks						
A04970	Sheet Piling as ELS3 for MBR Tanks						
B04960	ELS1 + Blinding for Equalization Tanks						
B04970	Constructing Base Slab for Equalization Tanks						
B04980	Backfilling + Removing 3rd Strut of ELS1						
B04990	Constructing Wall Stem for Equalization Tanks						
C04930	ELS2 + Blinding for Equalization Tanks						
C04940	Constructing Base Slab of Equalization Tanks						
C04950	Backfilling + Removal Strut of ELS2						
C04960	Constructing Wall Stem of Sludge Holding Tanks						
D04910	ELS3 w/struts + Blinding for MBR Tanks						
D04920	Constructing Base Slab for MBR Tanks						
D04930	Constructing Wall Stem for MBR Tanks						
D04940	Water-tightness Test for MBR Tanks						
D04950	Backfilling + Removal of ELS3						
Completion of Fire Services Installation and Equipment (FCD)							
F04950	Provision of Approved Building Plans by the Engineer						
Waterworks Ordinance (WSD)							
G04910	Provision of Approval Letter and approved Drawings by the Engineer						
G04920	Submission of WWO46 - Part I & II (Inside Services)						

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Portion A1 Buildings							
012 - DOH Disinsection Area and Store Room 1, at Portion A1							
A01250	Finishing						
A01260	BS for Office Accomodation (Stage 8)						
A01270	BS + E&M for Office Accomodation (Stage 9)						
A01280	Other BS + E&M Installation						
036 - Weigh Station							
A03665	External Wall Plaster & Tile						
A03670	BS for Office Accomodation (Stage 8)						
A03680	BS + E&M for Office Accomodation (Stage 9)						
A03690	Other BS + E&M Installation						
B03620	WVO 46 Part I & II Submission						
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)							
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cladding						
A03740	Steel Frame Structure Installation						
A03742A	Mock-up Sample for Curtain Wall						
A03742B	Mock-up Sample for Cladding						
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade						
A03742D	Mock-up Sample for Painted Concrete Wall						
A03742F	Mock-up Sample for External Wall Tiling						
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation						
A03746	Blockwall Laying						
A03748	Wall/Ceiling Plastering/Tiling						
A03752	Floor Screed/Tiling						
A03760	BS for Office Accomodation (Stage 8)						
A03790	Other BS + E&M Installation						
B03720	WVO 46 Part I & II Submission						
041 Fire Station Cum Ambulance Depot							
A04105	Excavation + Blinding						
A04110	Substructure						
A04120	Super Structure, G/F to 1/F						
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)						
A04124	DDA Submission/Approval for Cladding & Curtain Wall						
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)						
B04120	WVO 46 Part I & II Submission						
042 Drill Tower							
A04250	Super Structure						
A04260	Finishing						
A04270	BS for Office Accomodation (Stage 8)						
A04280	BS + E&M for Office Accomodation (Stage 9)						
A04290	Other BS + E&M Installation						
043 DOH Office + Store Room							
A04330	Super Structure						
A04340	Water Tanks for F.S./Sprinkler Pump Room						
A04360	DDA Submission for Cladding & Curtain Wall						
A04380	BS for Office Accomodation (Stage 8)						
B04310	Other BS + E&M Installation						
B04330	Stainless Steel Mesh Installation						
B04340	Metal Windows/Louvres/Doors/Railing etc. installation						
B04350	Blockworks						

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B04360	Wall Plastering/Tiling						
C04310	C/S Wall Plastering						
C04340	WVO 46 Part I & II Submission						
052 - Transforms (Zone 4)							
A05235	Energisation by CLP						
A05240	BS + E&M Installation (KD9)						
A05250	Ceiling/Wall Painting Finish & Floor Screed						
A05260	External Wall Plaster & Wall (KD10)						
Completion of Fire Services Installation and Equipment (FCD)							
F05240	Provision of Approved Building Plans by the Engineer						
Waterworks Ordinance (WSD)							
G05210	Provision of Approval Letter and approved Drawings by the Engineer						
105 IMMD Guard Booth, Portion A1 (Mock Up)							
B10500	Shop Drawings & Material Submission						
Facade Envelop Structure Installation							
B10580	Shop Drawing Submission and Approval						
B10590	Fabrication of F/C System						
External Works for Portion A1							
Drainage Works							
A1S010	Initial Survey						
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)						
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)						
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)						
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)						
Waterpipe Laying							
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)						
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
PORTION A2							
Portion A2 Structures							
048 - Reclaimed Water Pumping Station, Portion A2							
A04825	Removal of surcharge						
A04830	Sheet Piling as ELS for Basement 1						
A04840	Pile testing						
A04850	Excavation + Blinding for Basement 1						
A04860	Basement 1 Construction						
Retaining Wall W9-2							
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bays)						
External Works for Portion A2							
Drainage Works							
A2S010	Initial Survey						
PORTION B							
Portion B Structures							
Retaining Wall W7-2							
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)						
Retaining Wall W6-1							
S62050	Construction of Retaining Wall W6-1 (L-shape, 4 bays)						
Bay 4 - 19 of CUE/Staff Subway							

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C02760	Internal Finishes & Cable Containment (KD1)						
C02770	BS + E&M Installation for ACVSS (Stage 1)						
Bay 20 - 24 of CUE/Staff Subway							
C02820	Bay 20 - 24 Construction - Base Slab						
C02830	Bay 20 - 24 Construction - Wall + Top Slab						
C02840	Internal Finishes & Cable Containment (KD1)						
C02850	BS + E&M Installation for ACVSS (Stage 1)						
C02860	Chilled Water Pipe (CUE) installation						
Bay 25 - 29 of CUE/Staff Subway							
C02920	Bay 25 -29 Construction - Base Slab						
C02930	Bay 25 - 29 Construction - Wall + Top Slab						
C02960	Internal Finishes & Cable Containment (KD1)						
C02970	BS + E&M Installation for ACVSS (KD1)						
C02980	Chilled Water Pipe (CUE) installation						
Portion B Buildings							
027/028 Inbound Kiosks & 029 Outbound Kiosks							
A02700	Submission & Approval for Steel Works						
A02710	Pre-fabrication for the Steel Kiosks						
A02715	Mock up for Steel Kiosks						
A02718	Mock up for Goods Vehicle Canopy						
A02720	Super structure						
A02730	Construction of Subway Entrance						
A02740	Construction of Subway Toilets						
A02780	BS + E&M for AVCSS Works (KD18A)						
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision							
B02730	Submission & Approval for Steel Works						
B02740	Pre-fabrication for the Steel Kiosks						
B02750	Super structure						
B02760	BS + E&M for AVCSS Works (KD18C)						
026 Inbound IMM and DOH Secondary Screening Building							
A02630	Super Structure						
A02640	Finishing						
A02650	Contractor's Design Submission for SS Mesh Screen & Approval						
A02660	Contractor's Design Submission for Aluminium Cladding & Approval						
A02670	BS for Office Accomodation (Stage 8)						
A02690	Other BS + E&M Installation						
B02610	Lift Installation						
054 Inbound Fixed X-ray Building							
A05455	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)						
A05460	Finishing						
A05465	BS + E&M for Tx Room to CLP (Stage 5)						
A05467	Energisation by CLP						
A05470	BS for Office Accomodation (Stage 8)						
A05490	Other BS + E&M Installation						
B05410	Lift Installation						
Completion of Fire Services Installation and Equipment (FCD)							
F05440	Provision of Approved Building Plans by the Engineer						
Waterworks Ordinance (WSD)							
G05410	Provision of Approval Letter and approved Drawings by the Engineer						
038 AFCD Office							

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A03810	Excavation + Blinding	█					
A03820	Substructure		█	█			
039 Police Main Building							
A03910	Excavation + Blinding	█					
A03920	Substructure	█	█	█			
A03930	Super Structure; G/F to 1/F			█	█	█	
040 Incident Control Tower							
A04010	Excavation + Blinding	█					
A04020	Substructure		█				
A04040	Super Structure			█	█	█	
Facade Cladding System							
B04010	Shop Drawing Submission and Approval			█			
B04020	Fabrication of F/C System				█	█	
Glass Wall							
C04010	Shop Drawing Submission and Approval			█			
C04020	Fabrication of Glass Wall				█	█	
102 HKPF UVSS Monitor Room							
A10205	Excavation + Blinding	█					
A10210	Substructure (Raft Foundation)		█	█	█		
A10220	Super Structure				█	█	
Metal Canopy and Roof Installation							
B10210	Shop Drawing Submission and Approval			█			
B10212	Fabrication of MC/R				█	█	
103 Police Inspection Post							
A10310	Excavation + Blinding		█				
A10330	Raft Foundation		█	█			
A10340	Super Structure (Roof Slabs)			█	█	█	
A10350	Finishing (False Ceiling) (KD9)						█
A10360	BS for Office Accomodation (Stage 8)						█
HPL Composite Panel Cladding System							
B10310	Shop Drawing Submission and Approval				█		
057 Transformers (Zone 2)							
A05730	Superstructure	█	█	█	█	█	
Completion of Fire Services Installation and Equipment (FCD)							
F05740	Provision of Approved Building Plans by the Engineer			◆			
Waterworks Ordinance (WSD)							
G05710	Provision of Approval Letter and approved Drawings by the Engineer			◆			
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B							
C10710	Excavation + Blinding		█				
C10720	Raft Foundation		█	█			
C10730	Superstructure (Roof Slabs)			█	█	█	
113 - Field Kiosk for Access Control, Portion B							
B11310	Excavation + Blinding	█					
B11320	Raft Foundation		█	█			
B11330	Superstructure (Roof Beams & Slabs)			█	█	█	
External Works for Portion B							
Works in Location 1.7A							
BB1480	ELV Works & T&C in Location 1.7A						█
Works in Location 1.7B							
BB1490	ELV Works & T&C in Location 1.7B						█

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Drainage Works							
ED1540	Drainage Works (1130m & 60 MHs), Stage 1 (S/W)	Actual Work					
ED3580	Sewerage (275m & 8MHs), Stage 1 (S/W)	Actual Work					
ED5650	Drainage Works (1130m & 60MHs), Stage 2 (S/E)	Actual Work	Critical				
ED5660	Sewerage (300m & 8MHs), Stage 2 (S/E)	Actual Work	Critical				
ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)				Critical		
ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)				Critical		
Waterpipe Laying							
EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)	Actual Work	Critical				
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)	Actual Work	Critical				
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)				Critical		
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)				Critical		
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	Actual Work	Critical				
Roadworks							
ER1640	Subbase (10000 ton), Stage 1 (N/W)		Critical				
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)			Critical			
ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)			Critical			
Sign Gantry ADS 306A & ADS 306B							
ES5230	Submission and approval for Sign Gantry			Remaining Work			
ES5240	Fabrication & Delivery of Sign Gantrys to Site			Remaining Work			
PORTION C							
Portion C Buildings							
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks							
A00930	Constructing Wall + Top Slab of Bay 0 -3	Actual Work	Critical				
A00940	Finishing			Critical			
A00950	BS + E&M for AVCSS works (KD 1)			Critical			
B00910	Substructure and Staircase Construction (Portion B&C)				Critical		
104 - DOH Secondary Screening Station, at Portion C							
Facade Cladding System							
A10460	Shop Drawing Submission and Approval			Remaining Work			
A10465	Fabrication of F/C System			Remaining Work			
External Works for Portion C							
Works in Location 1.2, 1.8 & 011 - Emergency Generator Building							
BB1440	Works & T&C in Location 1.2			Remaining Work			
BB1460	ELV System Installation for Contract HY/2013/01			Remaining Work			
PORTION D							
Portion D Building							
113 - Field Kiosk for Access Control, Portion D							
C11350	Excavation & Blinding	Actual Work					
C11360	Raft Foundation		Critical				
C11370	Superstructure (Roof Beams & Slabs)			Critical			
D11340	BS for Office Accomodation (Stage 8)				Critical		
External Works for Portion D							
Drainage Works							
B00050	Initial Survey		Critical				
SG3640	Drainage Works (361m & 14MHs)				Critical		
SG3760	Sewerage (121m & 6MHs)				Critical		
Waterpipe Laying							

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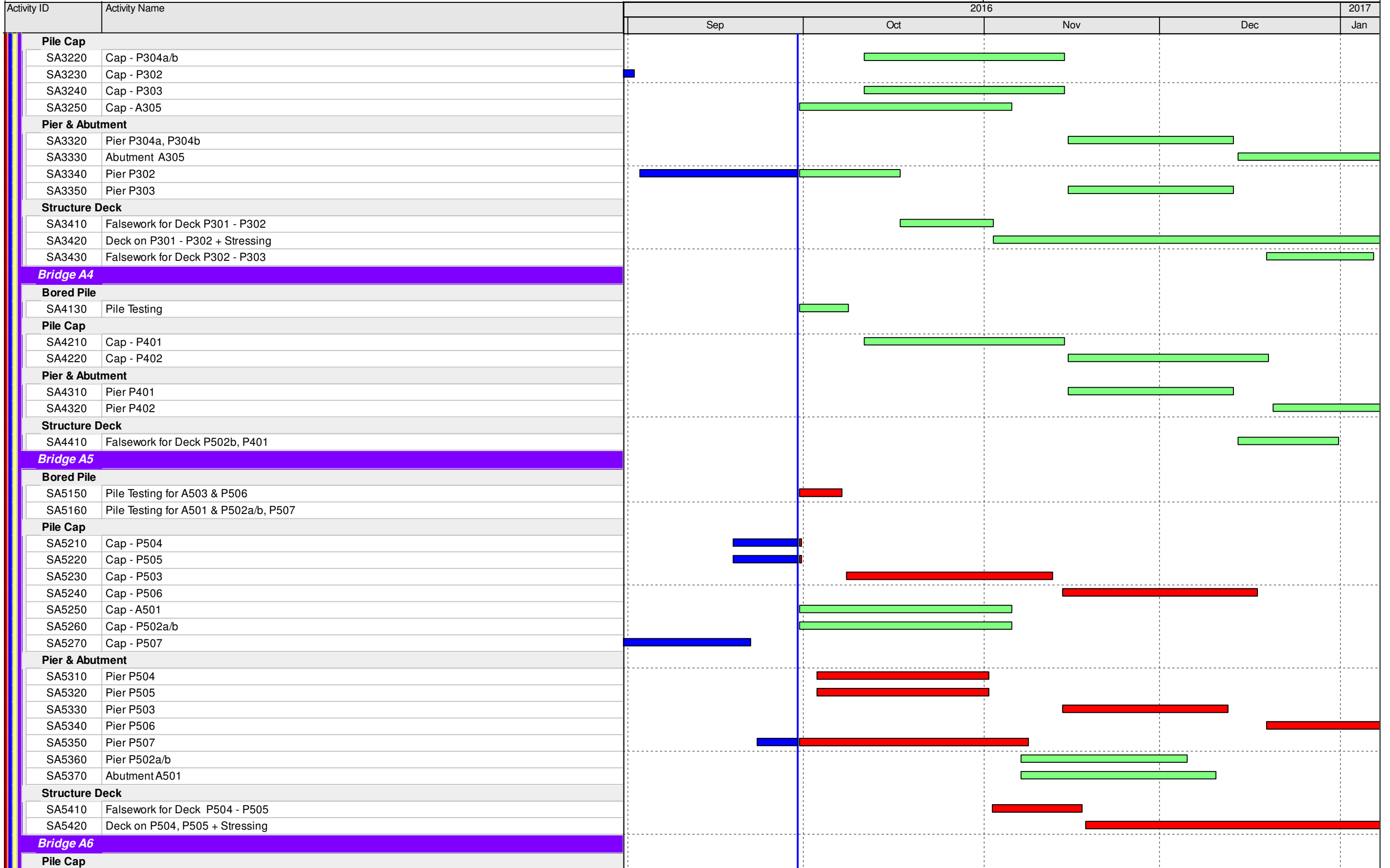
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SW3650	Fresh Water Main Laying (108m)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
B11480	ELV System Installation for Contract HY/2013/02						
SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV						
SU5350	Duct & Cable Laying for TCSS & Lighting						
Works of Car Park Management System at Location 1.5, 1.6A & 1.6B							
SR5540	Works & T&C for Car Park Management System at Location 1.5						
PORTION E							
Portion E Building							
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M							
A00610	ELS + Blinding for Subway						
A00620	Constructing base of Subway						
A00630	Constructing wall stem + top slab of Subway						
External Works for Portion E							
Drainage Works							
B00060	Initial Survey						
PORTION G, H1 & H2							
Portion G Structures							
Box Culvert C							
Steel H Pile							
SC0240	Removal of surcharge						
SC0250	Sheeting Piling for (approx 150m long), Stage 1						
SC0260	Box C - 67 nos. of driven H pile, Stage 1						
SC0270	Box C - 38 nos. of driven H pile, Stage 2						
SC0280	Box C - 54 nos. of driven H pile, Stage 3						
Box Culvert Structure							
SC0310	Box C - Branch Construction						
SC0320	Box C - Branch Backfilling						
SC0380	Box C - Construction of Main Body						
Bridge A1							
Bored Pile							
SA1130	Bore pile for other 2 nos. (A106)						
SA1140	Pile Testing						
Pile Cap							
SA1210	Cap - A106						
Pier & Abutment							
SA1310	Abutment A106						
SA1350	Pier P105						
Structure Deck							
SA1420	Deck on P103 & P104 + Stressing						
SA1440	Deck on P102, P103 + Stressing						
SA1470	Falsework for Deck P104, P105						
SA1480	Deck on P104, P105 + Stressing						
Bridge A2							
Structure Deck							
SA2440	Deck on P202, P203, P601 + Stressing						
Bridge A3							
Bored Pile							
SA3160	Pile Testing for P304a/b						

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		Sep	Oct	Nov	Dec	Jan
SA6270	Cap - A607/711	[Blue bar]				
Pier & Abutment						
SA6330	Pier P603					
SA6370	Abutment A607	[Red bar]				
Structure Deck						
SA6400	Falsework for Deck P601, P602	[Red bar]				
SA6410	Deck on P601, P602 + Stressing	[Red bar]				
SA6420	Falsework for Deck P602, P603	[Red bar]				
SA6430	Deck on P602, P603 + Stressing	[Red bar]				
Bridge A7a, A7b, A7c						
Bored Pile						
SA7160	Bore Piling for A701, P702 - P705, 10 Nr.	[Green bar]				
SA7230	Pile Testing for A701, P702, P703	[Green bar]				
Pile Cap						
SA7340	Cap for P704	[Blue bar]				
SA7350	Cap for P705	[Blue bar]				
SA7360	Cap for P702	[Green bar]				
SA7370	Cap for P703	[Green bar]				
SA7380	Cap for A701	[Green bar]				
Pier & Abutment						
SA7540	Pier P704	[Blue bar]				
SA7550	Pier P705	[Blue bar]				
SA7560	Pier P702	[Green bar]				
SA7570	Pier P703	[Green bar]				
SA7620	Pier P710	[Green bar]				
SA7650	Abutment A711	[Red bar]				
Structure Deck						
SA7710	Falsework for Deck P706, P707, P712 (A7b)	[Blue bar]				
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing	[Red bar]				
SA7730	Falsework for Deck P705 - P706	[Green bar]				
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing	[Green bar]				
SA7750	Falsework for Deck P704, P705	[Green bar]				
SA7850	Falsework for Deck P707, P708 (A7c)	[Red bar]				
SA7860	Deck on P707, P708 (Bridge A7c) + Stressing	[Red bar]				
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works	[Green bar]				
Bridge A8						
Pile Cap						
SA8210	Cap - Abutment A804	[Blue bar]				
SA8220	Cap for P802	[Blue bar]				
SA8230	Cap for P803	[Blue bar]				
Pier & Abutment						
SA8310	Abutment A804	[Green bar]				
SA8320	Pier P802	[Green bar]				
SA8330	Pier P803	[Green bar]				
Structure Deck						
SA8410	Falsework for Deck P801, P802	[Green bar]				
SA8420	Deck on P802, P802 + Stressing	[Green bar]				
Retaining Walls W1-1, W3-1, W5-1 & W7-1						
Retaining Wall W3-1						
SW3130	Bored Pile for W3-1, 16 Nr.	[Red bar]				

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Retaining Wall W5-1							
SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)						
Portion G Buildings							
033 Inbound Private Car Exam Building							
A03320	Super Structure						
A03330	Finishing						
A03360	External Works						
A03370	BS for Office Accomodation (Stage 8)						
A03390	Other BS + E&M Installation						
Glass Canopy Installation							
B03300	Shop Drawing Submission and Approval						
B03305	Fabrication of Glass Canopy						
B03350	Casted-in Items Installation						
Aluminium Metal Canopy							
B03310	Shop Drawing Submission and Approval						
B03315	Fabrication of F/C System						
B03320	Casted-in Items Installation						
034 Satellite RCP South							
A03430	Raft Foundation						
A03440	Super Structure (Roof Beams & Slabs)						
A03450	Finishing						
A03460	BS for Office Accomodation (Stage 8)						
A03480	Other BS + E&M Installation						
S S Facade Greenery System							
B03410	Shop Drawing Submission for Approval						
B03415	Fabrication of SS F/G System						
035 - Sewage Pumping Station, Portion G							
A03540	Sheet Piling as ELS for Wet Well						
A03560	ELS + Blinding for Wet Well						
A03570	Constructing of Base Slab of Wet Well						
A03580	Constructing of Wall Stem of Wet Well						
A03590	Water-tightness Test for Wet Wells						
B03510	Backfilling + Removal of ELS						
051 Transformers (Zone 5)							
A05150	Finishing						
A05165	Energisation by CLP						
A05170	BS for Office Accommodations (KD9)						
A05180	BS + E&M for Office Accommodation (KD10)						
A05190	Other BS + E & M Installation						
Completion of Fire Services Installation and Equipment (FCD)							
F05140	Provision of Approved Building Plans by the Engineer						
Waterworks Ordinance (WSD)							
G05120	Submission of WWO46 - Part I & II (Inside Services)						
100 Inbound Traffic Control Kiosk							
A10000	Excavation + Blinding						
A10010	Raft Foundation						
A10040	Super Structure (Roof Beams & Slabs)						
A10050	Finishing						
A10070	BS + E&M for AVCSS Works (KD18A)						
HPL Composite Panel Cladding System							

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B10010	Shop Drawing Submission and Approval						
B10015	Fabrication of F/C System						
112 Field Kiosk for Taxi Queuing Area							
A35200	Excavation + Blinding						
A35210	Foundation						
A35220	Structure						
A35230	Finishing						
B11520	BS + E & M Installation						
External Works for Portion G, H1 & H2							
<i>Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI</i>							
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)						
<i>All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050</i>							
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050						
Drainage Works							
AS0080	Initial Survey						
ED4070	Drainage Works (6954m & 393MHs)						
ED4190	Sewerage (437m & 12MHs)						
Sign Gantry DS40, DS41 & DS75							
ES0020	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.						
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.						
ES0080	Testing for Pre-bored H Piling						
ES0170	Submission and approval for Sign Gantry						
ES0180	Fabrication & Delivery of Sign Gantrys to Site						
Canopy and Covered Walkway							
CC1310	Shop drawing, Approved & Fabrication						
PORTION J							
Portion J Structure							
<i>Bay 30 - 41 of CUE/Staff Subway (Portion J)</i>							
B03040	Bay 30 - 33 Construction - Base Slab						
B03050	Bay 30 - 33 Construction - Wall + Top Slab						
B03210	ELS + blinding (Bay 34 - 41) (8 bay)						
B03220	Bay 34 - 39 Construction - Base Slab						
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase						
B03240	Bay 40 - 41 Construction - Base Slab						
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase						
030 Outbound Private Car & GV Kiosks							
A03010	Submission & Approval for Steel Works						
A03020	Pre-fabrication for the Steel Kiosks						
030 Outbound Kiosks, Section IX, Subject to Excision							
C03010	Submission & Approval for Steel Works						
C03020	Pre-fabrication for the Steel Kiosks						
Portion J Buildings							
024 Outbound Private Car Exam Building							
A02400	Excavation + Blinding						
A02410	Raft Foundation						
A02420	Super Structure						
Glass Canopy Installation							
B02410	Shop Drawing Submission and Approval						

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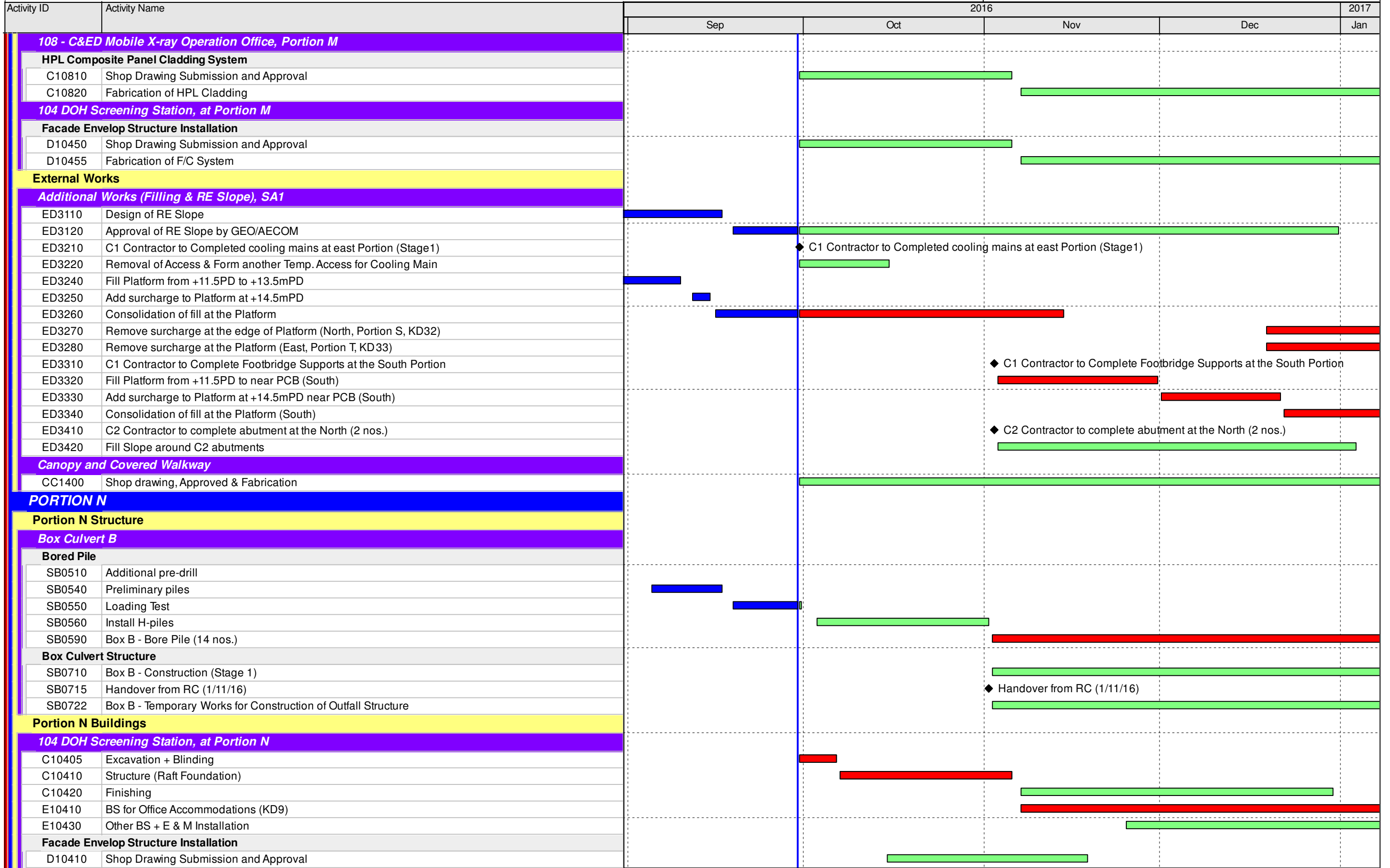
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B02415	Fabrication of F/C System						
Aluminium Metal Canopy							
B02450	Shop Drawing Submission and Approval						
B02455	Fabrication of F/C System						
031 Outbound IMMD and DOH Secondary Screen Building							
A03100	Excavation + Blinding (+ PL Test)						
A03110	Raft Foundation						
A03140	Super Structure						
060 - Single Storey Support Building Associated with Buildings 044 & 045							
Waterworks Ordinance (WSD)							
G06020	Submission of WWO46 - Part I & II (Inside Services)						
061 Telecom Building							
A06120	Excavation + Blinding						
A06130	Raft Foundation						
A06140	Super Structure						
A06150	Finishing (KD9)						
A06160	BS for Office Accommodations (KD9)						
Aluminium Metal Canopy							
B06110	Shop Drawing Submission and Approval						
101 Outbound Traffic Control Kiosk							
A10100	Excavation + Blinding						
A10110	Raft Foundation						
A10130	Super Structure (Roof Beams & Slabs)						
A10140	Finishing						
A10150	BS + E&M for AVCSS Works (KD18A)						
A10160	BS + E&M for AVCSS Cabling (KD18B)						
A10170	BS for Office Accommodations (KD9)						
A10190	Other BS + E & M Installation						
HPL Composite Panel Cladding System							
B10110	Shop Drawing Submission and Approval						
B10120	Fabrication of HPL Cladding						
External Works for Portion J							
Works in Location 1.7B							
EU1500	ELV Works & T&C in Location 1.7B						
Works in Location 1.7C							
EU1530	ELV Works & T&C in Location 1.7C						
Drainage Works							
AS0110	Initial Survey						
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)						
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)						
Waterpipe Laying							
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)						
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)						
Sign Gantry DS104							
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.						
ES5140	Submission and approval for Sign Gantry						
ES5150	Fabrication & Delivery of Sign Gantrys to Site						
PORTION K, L, M, S & T							
Portion M Buildings							

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		Sep	Oct	Nov	Dec	Jan	
D10415	Fabrication of F/C System						
106 C&ED Detention Area Guard Booth							
A10600	Excavation + Blinding						
A10610	Structure (Raft Foundation)						
A10640	Finishing						
E10640	BS for Office Accommodations (KD9)						
E10660	Other BS + E & M Installation						
Facade Envelop Structure Installation							
B10610	Shop Drawing Submission and Approval						
107 C&ED Mobile X-ray Operation Office, Portion N							
A10700	Excavation + Blinding						
A10710	Substructure (Raft Foundation)						
A10740	Super Structure						
External Works for Portion N							
Works in Location 1.7A							
EU1540	ELV Works & T&C in Location 1.7A						
Drainage Works							
AS0150	Initial Survey						
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)						
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5470	Duct & Cable Laying for TCSS & Lighting						
PORTION P							
Portion Structure							
Retaining Wall RW1							
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)						
Portion P Buildings							
105 IMMD Guard Booth, Portion P							
Facade Envelop Structure Installation							
A10560	Shop Drawing Submission and Approval						
A10565	Fabrication of F/C System						
External Works for Portion P							
Drainage Works							
AS0160	Initial Survey						
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5490	Duct & Cable Laying for TCSS & Lighting (KD15)						
PORTION Q							
External Works for Portion Q							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
ED5570	Duct & Cable Laying for Utilities/Telecom						
ED5580	Duct & Cable Laying for TCSS & Lighting						
EU1490	ELV System Installation for Contract HY/2013/04						
Roadworks							
AS0170	Initial Survey						
ER4920	Subbase (104 ton)						
ER4950	Bitumen Pavement (215 ton)						
Railing							
ER4890	Railing						

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Road Furniture						
ER4900	Road Furniture					
Landscape Works						
A5170	Design and Procurement for Irrigation System					

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HKBCF - VCP & Ancillary Buildings and Facilities, DWP Rev. 3, DD 31 Oct. 16						
CONTRACT DATES						
Key Dates						
A1150	KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)					◆ KD15 Achievement of Stage 14 of the Works (548 days; 08 Oct. 16)
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)					◆ KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)
A1330	KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)					◆ KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)
Site Access & Possession						
Possession of Portion of Site						
A0030	Possession of Portion B (<=100 days)		◆ Possession of Portion B (<=100 days)			
A0040	Possession of Portion C (<=100 days)				◆ Possession of Portion C (<=100 days)	
A0050	Possession of Portion D (<=220 days)	◆ Possession of Portion D (<=220 days)				
A0070	Possession of Portion F (<=220 days)				◆ Possession of Portion F (<=220 days)	
A0080	Possession of Portion G (<=225 days)	◆ Possession of Portion G (<=225 days)				
A0110	Possession of Portion J (<=320 days)		◆ Possession of Portion J (<=320 days)			
A0150	Possession of Portion N (<=345 days)		◆ Possession of Portion N (<=345 days)			
A0160	Possession of Portion P (<=502 days)		◆ Possession of Portion P (<=502 days)			
A0170	Possession of Portion Q (<=500 days)		◆ Possession of Portion Q (<=500 days)			
A0180	Possession of Portion R (<=610 days)				◆ Possession of Portion R (<=610 days)	
Access to Locations of the Site						
A0210	Contract Date for Access to Location 1.1 (490 days)		◆ Contract Date for Access to Location 1.1 (490 days)			
A0220	Contract Date for Access to Location 1.2 (405 days)		◆ Contract Date for Access to Location 1.2 (405 days)			
A0230	Contract Date for Access to Location 1.3 (488 days)		◆ Contract Date for Access to Location 1.3 (488 days)			
A0240	Contract Date for Access to Location 1.4 (488 days)		◆ Contract Date for Access to Location 1.4 (488 days)			
A0250	Contract Date for Access to Location 1.5 (580 days)		◆ Contract Date for Access to Location 1.5 (580 days)			
A0280	Contract Date for Access to Location 1.7A (610 days)				◆ Contract Date for Access to Location 1.7A (610 days)	
A0290	Contract Date for Access to Location 1.7B (610 days)				◆ Contract Date for Access to Location 1.7B (610 days)	
A0300	Contract Date for Access to Location 1.7C (610 days)				◆ Contract Date for Access to Location 1.7C (610 days)	
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)		◆ Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)			
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)		◆ Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)			
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)		◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)			
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)		◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)			
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)		◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)			
Section/Stage Subject to Excision						
A0770	Contract Date for Section VI (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VI (650 days, latest date when the Engineer may order)
A0780	Contract Date for Section VII (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VII (650 days, latest date when the Engineer may order)
PRELIMINARY						
Precast Yard for Bridge Segement						
A0630	Segment Manufacture					
PORTION A1						
Portion A1 Structures						
Bridge A9						
Bored Pile						
SA9120	Bored pile for A9 Bridge, 10 no.					
SA9140	Pile testing					
Pile Cap						

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SA9210	Cap - A905		█			
SA9220	Cap - P904		█			
SA9230	Cap - P903		█			
SA9240	Cap - P902		█			
SA9250	Cap - A901		█			
Pier & Abutment						
SA9310	Abutment A905			█		
SA9320	Pier P904			█		
SA9330	Pier P903			█		
SA9340	Pier P902			█		
SA9350	Abutment A901			█		
Structure Deck						
SA9400	Falsework for Deck A905 - P904				█	
SA9430	Falsework for Deck P903 - P902				█	
Retaining Wall W8-1						
SW8110	Construction of Retaing Wall W8-1 (U-shape, 4 bays)	█	█	█	█	█
Retaining Wall W9-1						
SW9110	Construction of Retaining Wall W9-1 (U-shape, 4 bays) (+PL Test)	█	█	█	█	█
Box Culvert D						
Box Culvert D Construction						
SD0140	Box Culvert D Construction (Stage 1, Bay 33 - 35)	█				
SD0150	Box Culvert D Construction (Stage 2, Bay 36 - 38)	█	█			
SD0160	Box Culvert D Construction (Stage 3, Bay 39 - 42)	█	█			
SD0170	Box Culvert D Construction (Stage 4, Bay 19 - 21 & 24 - 32)	█	█	█	█	
SD0180	Box Culvert D Backfilling				█	
047 - Fresh Water Pumping Station, Portion A1 & A2						
A04720	Excavation + Blinding		█			
A04730	Pile Testing		█			
A04740	Water Tank Construction			█	█	█
049 - Sewage Treatment Plant, Portion A1 & A2						
A04946	Excavation to 0.0mPD/+4.9mPD	█	█			
A04948	Pile Testing	█				
A04950	Sheet Piling as ELS1 for Equalization Tanks	█	█			
A04960	Sheet Piling as ELS2 for Sludge Holding Tanks		█	█		
B04960	ELS1 + Blinding for Equalization Tanks	█	█			
B04970	Constructing Base Slab for Equalization Tanks		█			
B04980	Backfilling + Removing 3rd Strut of ELS1		█			
B04990	Constructing Wall Stem for Equalization Tanks			█	█	
C04910	Water-tightness Test for Equalization Tanks				█	
C04920	Backfilling + Removal of ELS1				█	
C04930	ELS2 + Blinding for Equalization Tanks		█			
C04940	Constructing Base Slab of Equalization Tanks		█	█		
C04950	Backfilling + Removal Strut of ELS2			█		
C04960	Constructing Wall Stem of Sludge Holding Tanks			█	█	
C04970	Water-tightness Test for Sludge Holding Tanks				█	
C04990	Backfilling + Removal of ELS2				█	
D04910	ELS3 w/struts + Blinding for MBR Tanks	█	█			
D04920	Constructing Base Slab for MBR Tanks		█			
D04930	Constructing Wall Stem for MBR Tanks			█	█	
D04940	Water-tightness Test for MBR Tanks				█	

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D04950	Backfilling + Removal of ELS3					
D04955	Excavation + Blinding for Ground Slab, Transformer Room	█				
D04960	Constructing Ground Slab for Transformer Room	█	█			
D04970	Transformer Room Construction		█	█		
D04980	BS + E&M for Transformer Room to CLP (KD7)				█	█
Completion of Fire Services Installation and Equipment (FCD)						
F04950	Provision of Approved Building Plans by the Engineer		◆			
Waterworks Ordinance (WSD)						
G04910	Provision of Approval Letter and approved Drawings by the Engineer		◆			
G04920	Submission of WWO46 - Part I & II (Inside Services)		█			
Portion A1 Buildings						
012 - DOH Disinsection Area and Store Room 1, at Portion A1						
A01250	Finishing	█	█	█	█	
A01260	BS for Office Accomodation (Stage 8)	█	█	█	█	
A01270	BS + E&M for Office Accomodation (Stage 9)				█	█
A01280	Other BS + E&M Installation		█	█	█	
036 - Weigh Station						
A03665	External Wall Plaster & Tile	█	█	█		
A03670	BS for Office Accomodation (Stage 8)	█				
A03680	BS + E&M for Office Accomodation (Stage 9)	█	█	█		
A03690	Other BS + E&M Installation	█	█	█	█	
B03620	WWO 46 Part I & II Submission			◆		
B03640	Plumbing Inspection by WSD				█	█
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)						
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cladding	█	█			
A03740	Steel Frame Structure Installation		█	█	█	
A03742A	Mock-up Sample for Curtain Wall			█	█	
A03742B	Mock-up Sample for Cladding			█	█	
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade		█	█		
A03742D	Mock-up Sample for Painted Concrete Wall	█	█	█		
A03742F	Mock-up Sample for External Wall Tiling		█	█		
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					█
A03746	Blockwall Laying	█	█	█	█	
A03748	Wall/Ceiling Plastering/Tiling	█	█	█	█	
A03752	Floor Screed/Tiling		█	█	█	
A03760	BS for Office Accomodation (Stage 8)	█	█	█	█	
A03770	BS + E&M for Office Accomodation (Stage 9)				█	█
A03780	BS + E&M for AVCSS Works (KD18A)	█				
A03785	BS + E&M for AVCSS Cabling (KD18B)	█	█	█	█	
A03790	Other BS + E&M Installation	█	█	█	█	
B03720	WWO 46 Part I & II Submission			◆		
041 Fire Station Cum Ambulance Depot						
A04110	Substructure	█	█	█	█	
A04120	Super Structure, G/F to 1/F	█	█	█	█	
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)	█	█	█	█	
A04124	DDA Submission/Approval for Cladding & Curtain Wall	█	█			
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)			█	█	█
A04132	Blockworks				█	█
A04133	Ceiling & Wall Plastering/Wall Tiling				█	█
A04140	BS for Office Accomodation (Stage 8)				█	█

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

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		Oct	Nov	Dec	Jan	Feb
A04160	Other BS + E&M Installation					
B04120	WVO 46 Part I & II Submission		◆ WVO 46 Part I & II Submission			
042 Drill Tower						
A04250	Super Structure					
A04260	Finishing					
A04270	BS for Office Accomodation (Stage 8)					
A04280	BS + E&M for Office Accomodation (Stage 9)					
A04290	Other BS + E&M Installation					
043 DOH Office + Store Room						
A04330	Super Structure					
A04340	Water Tanks for F.S./Sprinkler Pump Room					
A04360	DDA Submission for Cladding & Curtain Wall					
A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04380	BS for Office Accomodation (Stage 8)					
B04310	Other BS + E&M Installation					
B04330	Stainless Steel Mesh Installation					
B04340	Metal Windows/Louvres/Doors/Railing etc. installation					
B04350	Blockworks					
B04360	Wall Plastering/Tiling					
C04310	C/S Wall Plastering					
C04340	WVO 46 Part I & II Submission		◆ WVO 46 Part I & II Submission			
052 - Transforms (Zone 4)						
A05235	Energisation by CLP					
A05240	BS + E&M Installation (KD9)					
A05250	Ceiling/Wall Painting Finish & Floor Screed					
A05260	External Wall Plaster & Wall (KD10)					
A05270	Main Switch/L.V. Switch Board Installation					
A05280	Genset Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05240	Provision of Approved Building Plans by the Engineer					
Waterworks Ordinance (WSD)						
G05210	Provision of Approval Letter and approved Drawings by the Engineer					
105 IMMD Guard Booth, Portion A1 (Mock Up)						
B10500	Shop Drawings & Material Submission					
B10510	Excavation + Blinding					
Facade Envelop Structure Installation						
B10580	Shop Drawing Submission and Approval					
B10590	Fabrication of F/C System					
External Works for Portion A1						
Drainage Works						
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)					
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)					
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)					
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)					
Waterpipe Laying						
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)					
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)					
EW6020	Fresh Water Main Laying (700 m), Stage 2 (Middle)					
EW6030	Flushing Water Main Laying (322 m), Stage 2 (Middle)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						

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		Oct	Nov	Dec	Jan	Feb
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
PORTION A2						
Portion A2 Structures						
048 - Reclaimed Water Pumping Station, Portion A2						
A04830	Sheet Piling as ELS for Basement 1					
A04840	Pile testing					
A04850	Excavation + Blinding for Basement 1					
A04860	Basement 1 Construction					
Retaining Wall W9-2						
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)					
External Works for Portion A2						
Drainage Works						
A2S010	Initial Survey					
PORTION B						
Portion B Structures						
Retaining Wall W7-2						
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)					
S70890	RW7-2 Backfilling					
Retaining Wall W6-1						
S62050	Construction of Retaining Wall W6-1 (L-shape, 4bays)					
S62060	RW6-1 Backfilling					
Bay 4 - 19 of CUE/Staff Subway						
C02760	Internal Finishes & Cable Containment (KD1)					
C02770	BS + E&M Installation for AVCSS (Stage 1)					
C02780	Chilled Water Pipe (CUE) installation					
Bay 20 - 24 of CUE/Staff Subway						
C02820	Bay 20 - 24 Construction - Base Slab					
C02830	Bay 20 - 24 Construction - Wall + Top Slab					
C02840	Internal Finishes & Cable Containment (KD1)					
C02850	BS + E&M Installation for AVCSS (Stage 1)					
C02860	Chilled Water Pipe (CUE) installation					
Bay 25 - 29 of CUE/Staff Subway						
C02920	Bay 25 - 29 Construction - Base Slab					
C02930	Bay 25 - 29 Construction - Wall + Top Slab					
C02960	Internal Finishes & Cable Containment (KD1)					
C02970	BS + E&M Installation for AVCSS (KD1)					
C02980	Chilled Water Pipe (CUE) installation					
Portion B Buildings						
027/028 Inbound Kiosks & 029 Outbound Kiosks						
A02700	Submission & Approval for Steel Works					
A02710	Pre-fabrication for the Steel Kiosks					
A02715	Mock up for Steel Kiosks					
A02718	Mock up for Goods Vehicle Canopy					
A02720	Super structure					
A02730	Construction of Subway Entrance					
A02740	Construction of Subway Toilets					
A02780	BS + E&M for AVCSS Works (KD18A)					
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision						
B02740	Pre-fabrication for the Steel Kiosks					

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B02750	Super structure					
B02760	BS + E&M for AVCSS Works (KD18C)					
026 Inbound IMMD and DOH Secondary Screening Building						
A02630	Super Structure					
A02640	Finishing					
A02650	Contractor's Design Submission for SS Mesh Screen & Approval					
A02660	Contractor's Design Submission for Aluminium Cladding & Approval					
A02670	BS for Office Accomodation (Stage 8)					
A02690	Other BS + E&M Installation					
054 Inbound Fixed X-ray Building						
A05455	Superstructure, 1/F to 2/F (incl. parapet wall and planter wall)					
A05460	Finishing					
A05467	Energisation by CLP					
A05470	BS for Office Accomodation (Stage 8)					
A05490	Other BS + E&M Installation					
B05410	Lift Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05440	Provision of Approved Building Plans by the Engineer					
Waterworks Ordinance (WSD)						
G05410	Provision of Approval Letter and approved Drawings by the Engineer					
038 AFCD Office						
A03820	Substructure					
A03830	Super Structure; G/F to 1/F					
A03840	Super Structure; 1/F to 2/F (incl. parapet and planter wall)					
039 Police Main Building						
A03920	Substructure					
A03930	Super Structure; G/F to 1/F					
040 Incident Control Tower						
A04020	Substructure					
A04040	Super Structure					
Facade Cladding System						
B04010	Shop Drawing Submission and Approval					
B04020	Fabrication of F/C System					
Glass Wall						
C04010	Shop Drawing Submission and Approval					
C04020	Fabrication of Glass Wall					
102 HKPF UVSS Monitor Room						
A10210	Substructure (Raft Foundation)					
A10220	Super Structure					
A10230	Finishing (False Ceiling) (KD9)					
A10240	BS for Office Accomodation (Stage 8)					
A10270	Other BS + E&M Installation					
Metal Canopy and Roof Installation						
B10210	Shop Drawing Submission and Approval					
B10212	Fabrication of MC/R					
B10220	Casted-in Items Installation					
103 Police Inspection Post						
A10310	Excavation + Blinding					
A10330	Raft Foundation					
A10340	Super Structure (Roof Slabs)					

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A10350	Finishing (False Ceiling) (KD9)					
A10360	BS for Office Accomodation (Stage 8)					
HPL Composite Panel Cladding System						
B10310	Shop Drawing Submission and Approval					
057 Transformers (Zone 2)						
A05730	Superstructure					
A05740	Finishing					
A05750	BS + E&M for Tx Room to CLP (Stage 4)					
A05760	BS for Office Accomodation (Stage 8)					
A05780	Other BS + E&M Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05740	Provision of Approved Building Plans by the Engineer					
Waterworks Ordinance (WSD)						
G05710	Provision of Approval Letter and approved Drawings by the Engineer					
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B						
C10710	Excavation + Blinding					
C10720	Raft Foundation					
C10730	Superstructure (Roof Slabs)					
113 - Field Kiosk for Access Control, Portion B						
B11310	Excavation + Blinding					
B11320	Raft Foundation					
B11330	Superstructure (Roof Beams & Slabs)					
B11340	Finishing					
B11350	BS for Office Accomodation (Stage 8)					
External Works for Portion B						
Works in Location 1.7A						
BB1480	ELV Works & T&C in Location 1.7A					
Works in Location 1.7B						
BB1490	ELV Works & T&C in Location 1.7B					
Drainage Works						
ED1540	Drainage Works (1130m & 60 MHs), Stage 1 (S/W)					
ED3580	Sewerage (275m & 8MHs), Stage 1 (S/W)					
ED5650	Drainage Works (1130m & 60MHs), Stage 2 (S/E)					
ED5660	Sewerage (300m & 8MHs), Stage 2 (S/E)					
ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)					
ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)					
Waterpipe Laying						
EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)					
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)					
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)					
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
Roadworks						
ER1640	Subbase (10000 ton), Stage 1 (N/W)					
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)					
ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)					
Sign Gantry ADS 306A & ADS 306B						
ES5240	Fabrication & Delivery of Sign Gantrys to Site					

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PORTION C						
Portion C Buildings						
010 - Inbound Coach Kiosk & Staff Subway Entrance						
A01010	Substructure and Staircase Construction					
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks						
A00930	Constructing Wall + Top Slab of Bay 0 -3					
A00940	Finishing					
A00950	BS + E&M for AVCSS works (KD 1)					
A00960	Chilled Water Pipe Installation (CUE)					
B00910	Substructure and Staircase Construction (Portion B&C)					
B00920	Kiosk Superstructure					
012 - DOH Disinsection Area and Store Room 1, at Portion C						
B01210	Excavation & Blinding					
B01220	Raft Foundation					
104 - DOH Secondary Screening Station, at Portion C						
A10420	Excavation & Blinding					
A10430	Substructure					
Facade Cladding System						
A10460	Shop Drawing Submission and Approval					
A10465	Fabrication of F/C System					
108 C&ED Mobile X-ray Machine Operation Office, Portion C						
A10805	Excavation & Blinding					
A10810	Raft Foundation					
HPL Composite Panel Cladding System						
A10800	Shop Drawing Submission and Approval					
110 IMMD Guard Booth (Type 2) East						
A11020	Excavation & Blinding					
A11030	Substructure					
Facade Envelop Structure Installation						
A11040	Shop Drawing Submission and Approval					
110 IMMD Guard Booth (Type 2) West						
C11010	Excavation & Blinding					
111 Field Kiosk for Carpark Operator						
A11120	Excavation & Blinding					
A11130	Raft Foundation					
HPL Composite Panel Cladding System						
B11110	Shop Drawing Submission and Approval					
113 - Field Kiosk for Access Control, Portion C						
C11310	Excavation & Blinding					
C11320	Raft Foundation					
External Works for Portion C						
Works in Location 1.2, 1.8 & 011 - Emergency Generator Building						
BB1440	Works & T&C in Location 1.2					
BB1460	ELV System Installation for Contract HY/2013/01					
Drainage Works						
B00040	Initial Survey					
SG2400	Drainage Works (400m & 18MHs), Stage 1 (Eastern)					
SG3610	Sewerage (90m & 2MHs), Stage 1 (Eastern)					
PORTION D						

- █ Actual Work
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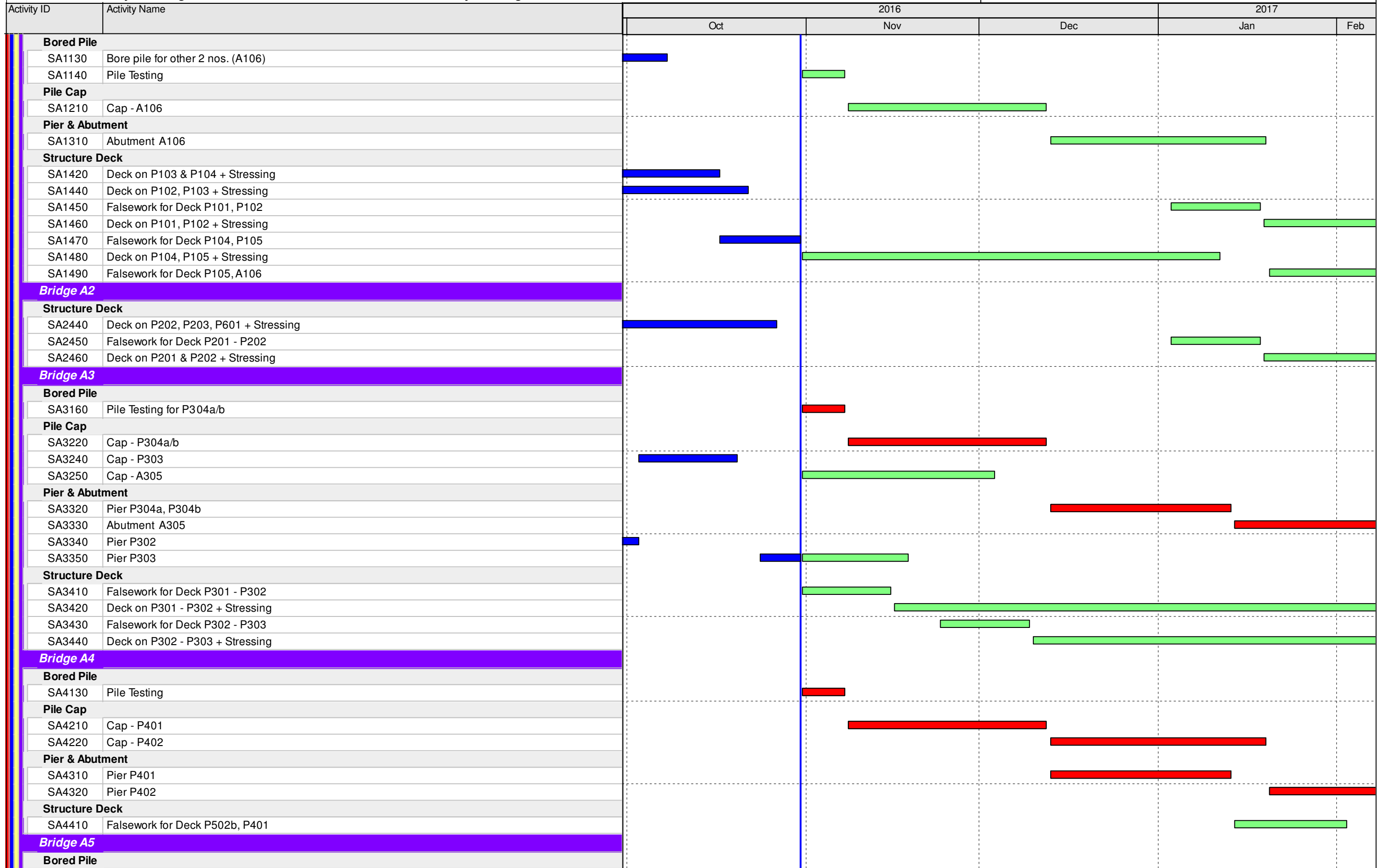
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Portion D Building						
<i>113 - Field Kiosk for Access Control, Portion D</i>						
C11350	Excavation & Blinding					
C11360	Raft Foundation					
C11370	Superstructure (Roof Beams & Slabs)					
C11380	Finishing					
D11340	BS for Office Accomodation (Stage 8)					
External Works for Portion D						
<i>Drainage Works</i>						
B00050	Initial Survey					
SG3640	Drainage Works (361m & 14MHs)					
SG3760	Sewerage (121m & 6MHs)					
<i>Waterpipe Laying</i>						
SW3650	Fresh Water Main Laying (108m)					
<i>Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting</i>						
B11480	ELV System Installation for Contract HY/2013/02					
SU5350	Duct & Cable Laying for TCSS & Lighting					
<i>Works of Car Park Management System at Location 1.5, 1.6A & 1.6B</i>						
SR5540	Works & T&C for Car Park Management System at Location 1.5					
<i>Roadworks</i>						
SR3740	Subbase (261 ton)					
PORTION E						
Portion E Building						
<i>006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M</i>						
A00610	ELS + Blinding for Subway					
A00620	Constructing base of Subway					
A00630	Constructing wall stem + top slab of Subway					
External Works for Portion E						
<i>Drainage Works</i>						
B00060	Initial Survey					
PORTION F						
External Works for Portion F						
<i>Drainage Works</i>						
B00070	Initial Survey					
SG3930	Drainage Works (122m & 9MHs)					
SG4050	Sewerage (70m & 3MHs)					
PORTION G, H1 & H2						
Portion G Structures						
<i>Box Culvert C</i>						
Steel H Pile						
SC0260	Box C - 67 nos. of driven H pile, Stage 1					
SC0270	Box C - 38 nos. of driven H pile, Stage 2					
SC0280	Box C - 54 nos. of driven H pile, Stage 3					
Box Culvert Structure						
SC0310	Box C - Branch Construction					
SC0320	Box C - Branch Backfilling					
SC0380	Box C - Construction of Main Body					
<i>Bridge A1</i>						

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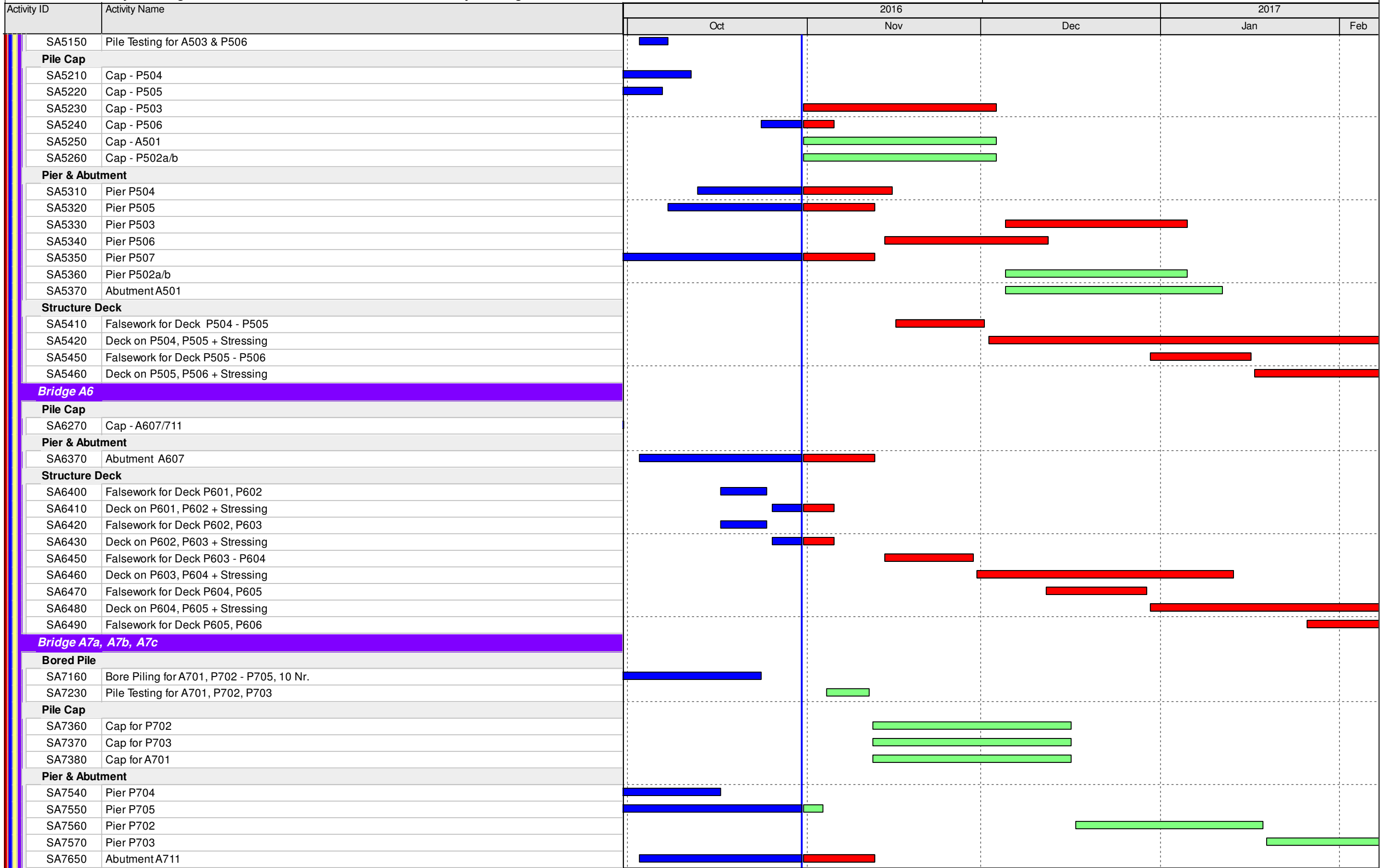
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█ Actual Work
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Structure Deck						
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing	Actual Work		Critical		
SA7730	Falsework for Deck P705 - P706		Remaining Work			
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing		Remaining Work			
SA7750	Falsework for Deck P704, P705			Remaining Work		
SA7770	Deck on P704 & P705 (Bridge A7a) + Stressing				Remaining Work	
SA7850	Falsework for Deck P707, P708 (A7c)		Critical			
SA7860	Deck on P707, P708 (Bridge A7c) + Stressing			Critical		
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works		Remaining Work			
Bridge A8						
Pile Cap						
SA8210	Cap - Abutment A804	Actual Work				
Pier & Abutment						
SA8310	Abutment A804	Actual Work	Remaining Work			
SA8320	Pier P802	Actual Work				
SA8330	Pier P803	Actual Work	Remaining Work			
Structure Deck						
SA8410	Falsework for Deck P801, P802		Remaining Work			
SA8420	Deck on P802, P802 + Stressing		Remaining Work			
SA8430	Falsework for Deck P802, P803			Remaining Work		
SA8440	Deck on P802, P803 + Stressing				Remaining Work	
Retaining Walls W1-1, W3-1, W5-1 & W7-1						
Retaining Wall W3-1						
SW3130	Bored Pile for W3-1, 16 Nr.	Actual Work	Critical			
Retaining Wall W5-1						
SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)				Remaining Work	
Portion G Buildings						
002 - C&ED Observation Guard Booth No.1, Portion H1						
C00220	Excavation + Blinding				Critical	
C00230	Raft Foundation				Critical	
002 - C&ED Observation Guard Booth No. 2, Portion H2						
E00210	Excavation + Blinding				Critical	
E00220	Raft Foundation				Critical	
033 Inbound Private Car Exam Building						
A03330	Finishing	Actual Work	Critical			
A03360	External Works		Remaining Work			
A03370	BS for Office Accommodation (Stage 8)	Actual Work	Critical			
A03380	BS + E&M for Office Accommodation (Stage 9)				Critical	
A03390	Other BS + E&M Installation		Remaining Work			
Glass Canopy Installation						
B03305	Fabrication of Glass Canopy		Critical			
B03350	Casted-in Items Installation				Critical	
Aluminium Metal Canopy						
B03315	Fabrication of F/C System		Remaining Work			
B03320	Casted-in Items Installation				Remaining Work	
034 Satellite RCP South						
A03440	Super Structure (Roof Beams & Slabs)	Actual Work				
A03450	Finishing	Actual Work	Critical			
A03460	BS for Office Accommodation (Stage 8)	Actual Work	Critical			
A03470	BS + E&M for Office Accommodation (Stage 9)				Remaining Work	

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A03480	Other BS + E&M Installation		[Green bar from Nov to Feb]				
S S Facade Greenery System							
B03410	Shop Drawing Submission for Approval		[Green bar from Nov to Dec]				
B03415	Fabrication of SS F/G System		[Green bar from Dec to Feb]				
035 - Sewage Pumping Station, Portion G							
A03560	ELS + Blinding for Wet Well	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
A03570	Constructing of Base Slab of Wet Well		[Red bar from Nov to Dec]				
A03580	Constructing of Wall Stem of Wet Well		[Red bar from Dec to Jan]				
A03590	Water-tightness Test for Wet Wells				[Red bar from Jan to Feb]		
B03510	Backfilling + Removal of ELS				[Red bar from Feb to Mar]		
051 Transformers (Zone 5)							
A05150	Finishing	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
A05165	Energisation by CLP		[Green bar from Nov to Dec]				
A05170	BS for Office Accommodations (KD9)	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
A05180	BS + E&M for Office Accommodation (KD10)		[Red bar from Dec to Feb]				
A05190	Other BS + E & M Installation	[Blue bar from Oct to Nov]		[Green bar from Nov to Feb]			
Completion of Fire Services Installation and Equipment (FCD)							
F05140	Provision of Approved Building Plans by the Engineer		◆ Provision of Approved Building Plans by the Engineer				
Waterworks Ordinance (WSD)							
G05120	Submission of WWO46 - Part I & II (Inside Services)		[Green bar from Nov to Dec]				
100 Inbound Traffic Control Kiosk							
A10040	Super Structure (Roof Beams & Slabs)	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
A10050	Finishing		[Red bar from Dec to Feb]				
A10070	BS + E&M for AVCSS Works (KD18A)		[Red bar from Dec to Feb]				
HPL Composite Panel Cladding System							
B10010	Shop Drawing Submission and Approval		[Green bar from Nov to Dec]				
B10015	Fabrication of F/C System		[Green bar from Dec to Feb]				
112 Field Kiosk for Taxi Queuing Area							
A35210	Foundation	[Blue bar from Oct to Nov]		[Green bar from Nov to Dec]			
A35220	Structure		[Green bar from Dec to Feb]				
A35230	Finishing		[Green bar from Dec to Feb]				
B11520	BS + E & M Installation		[Green bar from Dec to Feb]				
External Works for Portion G, H1 & H2							
ELV Works within Portion H2 in the Hong Kong Side PTI							
EU1550	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)				[Red bar from Jan to Feb]		
Works within Portion H1 & H2 except the ELV Works in the Hong Kong Side PTI							
EU1560	Drainage & Sewerage Works within Portion H1 & H2 in the Hong Kong Side PTI (KD20)	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
All Works within the Boundary defined in Drawing No. 60191048/C3/000/C00/1050							
BEU1570	Drainage & Sewerage Works (incl. CLP) within the Boundary defined in Drawing No. 60191048/C3/000/1050	[Blue bar from Oct to Nov]		[Red bar from Nov to Dec]			
Drainage Works							
AS0080	Initial Survey	[Blue bar from Oct to Nov]					
ED4070	Drainage Works (6954m & 393MHs)	[Blue bar from Oct to Nov]					
ED4190	Sewerage (437m & 12MHs)	[Blue bar from Oct to Nov]					
Sign Gantry DS40, DS41 & DS75							
ES0020	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.		[Green bar from Nov to Dec]				
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.		[Green bar from Nov to Dec]				
ES0080	Testing for Pre-bored H Piling				[Green bar from Jan to Feb]		
ES0180	Fabrication & Delivery of Sign Gantrys to Site	[Blue bar from Oct to Nov]		[Green bar from Nov to Feb]			
Canopy and Covered Walkway							

- █ Actual Work
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Activity ID	Activity Name	2016			2017	
		Oct	Nov	Dec	Jan	Feb
CC1310	Shop drawing, Approved & Fabrication					
PORTION J						
Portion J Structure						
Bay 30 - 41 of CUE/Staff Subway (Portion J)						
B03040	Bay 30 - 33 Construction - Base Slab					
B03050	Bay 30 - 33 Construction - Wall + Top Slab					
B03210	ELS + blinding (Bay 34 - 41) (8 bay)					
B03220	Bay 34 - 39 Construction - Base Slab					
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase					
B03240	Bay 40 - 41 Construction - Base Slab					
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase					
030 Outbound Private Car & GV Kiosks						
A03010	Submission & Approval for Steel Works					
A03020	Pre-fabrication for the Steel Kiosks					
030 Outbound Kiosks, Section IX, Subject to Excision						
C03010	Submission & Approval for Steel Works					
C03020	Pre-fabrication for the Steel Kiosks					
Portion J Buildings						
024 Outbound Private Car Exam Building						
A02400	Excavation + Blinding					
A02410	Raft Foundation					
A02420	Super Structure					
Glass Canopy Installation						
B02410	Shop Drawing Submission and Approval					
B02415	Fabrication of F/C System					
Aluminium Metal Canopy						
B02450	Shop Drawing Submission and Approval					
B02455	Fabrication of F/C System					
031 Outbound IMMD and DOH Secondary Screen Building						
A03100	Excavation + Blinding (+ PL Test)					
A03110	Raft Foundation					
A03140	Super Structure					
060 - Single Storey Support Building Associated with Buildings 044 & 045						
A06000	Excavation + Blinding					
A06010	Raft Foundation (Traper)					
A06040	Excavation + Blinding (Strip part)					
Waterworks Ordinance (WSD)						
G06020	Submission of WWO46 - Part I & II (Inside Services)					
061 Telecom Building						
A06120	Excavation + Blinding					
A06130	Raft Foundation					
A06140	Super Structure					
A06150	Finishing (KD9)					
A06160	BS for Office Accommodations (KD9)					
Aluminium Metal Canopy						
B06110	Shop Drawing Submission and Approval					
101 Outbound Traffic Control Kiosk						
A10100	Excavation + Blinding					
A10110	Raft Foundation					

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		Oct	Nov	Dec	Jan	Feb
A10130	Super Structure (Roof Beams & Slabs)					
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)					
A10170	BS for Office Accommodations (KD9)					
A10190	Other BS + E & M Installation					
HPL Composite Panel Cladding System						
B10110	Shop Drawing Submission and Approval					
B10120	Fabrication of HPL Cladding					
External Works for Portion J						
<i>Works in Location 1.7B</i>						
EU1500	ELV Works & T&C in Location 1.7B					
<i>Works in Location 1.7C</i>						
EU1530	ELV Works & T&C in Location 1.7C					
<i>Drainage Works</i>						
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)					
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)					
<i>Waterpipe Laying</i>						
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)					
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)					
<i>Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting</i>						
EU5420	Duct & Cable Laying for Utilities/Telecom					
EU5430	Duct & Cable Laying for TCSS & Lighting					
<i>Sign Gantry DS104</i>						
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
ES5140	Submission and approval for Sign Gantry					
ES5150	Fabrication & Delivery of Sign Gantrys to Site					
PORTION K, L, M, S & T						
Portion M Buildings						
<i>108 - C&ED Mobile X-ray Operation Office, Portion M</i>						
HPL Composite Panel Cladding System						
C10810	Shop Drawing Submission and Approval					
C10820	Fabrication of HPL Cladding					
<i>104 DOH Screening Station, at Portion M</i>						
Facade Envelop Structure Installation						
D10450	Shop Drawing Submission and Approval					
D10455	Fabrication of F/C System					
External Works						
<i>Additional Works (Filling & RE Slope), SA1</i>						
ED3120	Approval of RE Slope by GEO/AECOM					
ED3210	C1 Contractor to Completed cooling mains at east Portion (Stage1)					
ED3220	Removal of Access & Form another Temp. Access for Cooling Main					
ED3230	C1 Contractor to Completed cooling mains at east Portion (Stage 2)					
ED3260	Consolidation of fill at the Platform					
ED3270	Remove surcharge at the edge of Platform (North, Portion S, KD32)					
ED3280	Remove surcharge at the Platform (East, Portion T, KD33)					
ED3310	C1 Contractor to Complete Footbridge Supports at the South Portion					
ED3320	Fill Platform from +11.5PD to near PCB (South)					
ED3330	Add surcharge to Platform at +14.5mPD near PCB (South)					

█ Actual Work
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		Oct	Nov	Dec	Jan	Feb
ED3340	Consolidation of fill at the Platform (South)					
ED3410	C2 Contractor to complete abutment at the North (2 nos.)			◆ C2 Contractor to complete abutment at the North (2 nos.)		
ED3420	Fill Slope around C2 abutments					
Construction of Slopes						
ED3430	Construction of fill slope (Stage 1) (East)					
ED3510	Footing for the Planter Wall, RE slope (West)					
ED3520	Construct RE slope (West)					
ED3550	Construction of fill slope (North)					
Drainage Works						
ED4370	Drainage Works (1477m & 81MHs), Stage 1 (Eastern)					
ED4490	Sewerage (78m & 2MHs), Stage 1 (Eastern)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5450	Duct & Cable Laying for TCSS & Lighting					
Canopy and Covered Walkway						
CC1400	Shop drawing, Approved & Fabrication					
PORTION N						
Portion N Structure						
Box Culvert B						
Bored Pile						
SB0550	Loading Test					
SB0560	Install H-piles					
SB0590	Box B - Bore Pile (20 nos.)					
Box Culvert Structure						
SB0710	Box B - Construction (Stage 1)					
SB0715	Handover from RC (1/11/16)			◆ Handover from RC (1/11/16)		
SB0722	Box B - Temporary Works for Construction of Outfall Structure					
Portion N Buildings						
104 DOH Screening Station, at Portion N						
Facade Envelop Structure Installation						
D10410	Shop Drawing Submission and Approval					
D10415	Fabrication of F/C System					
106 C&ED Detention Area Guard Booth						
A10600	Excavation + Blinding					
A10610	Structure (Raft Foundation)					
A10640	Finishing					
E10640	BS for Office Accommodations (KD9)					
E10660	Other BS + E & M Installation					
Facade Envelop Structure Installation						
B10610	Shop Drawing Submission and Approval					
107 C&ED Mobile X-ray Operation Office, Portion N						
A10700	Excavation + Blinding					
A10710	Substructure (Raft Foundation)					
A10740	Super Structure					
External Works for Portion N						
Works in Location 1.7A						
EU1540	ELV Works & T&C in Location 1.7A					
Drainage Works						
AS0150	Initial Survey					
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)					

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		Oct	Nov	Dec	Jan	Feb	
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)		[Red bar from Nov to Feb]				
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5470	Duct & Cable Laying for TCSS & Lighting			[Red bar from Dec to Feb]			
PORTION P							
Portion Structure							
Retaining Wall RW1							
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)		[Green bar from Nov to Feb]				
Portion P Buildings							
105 IMMD Guard Booth, Portion P							
Facade Envelop Structure Installation							
A10560	Shop Drawing Submission and Approval		[Green bar from Nov to Dec]				
A10565	Fabrication of F/C System			[Green bar from Dec to Feb]			
External Works for Portion P							
Drainage Works							
AS0160	Initial Survey		[Red bar]				
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
EU5490	Duct & Cable Laying for TCSS & Lighting (KD15)		[Red bar from Nov to Dec]				
PORTION Q							
External Works for Portion Q							
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting							
ED5570	Duct & Cable Laying for Utilities/Telecom		[Green bar from Nov to Dec]				
ED5580	Duct & Cable Laying for TCSS & Lighting		[Red bar from Nov to Dec]				
EU1490	ELV System Installation for Contract HY/2013/04		[Green bar from Nov to Dec]				
Roadworks							
AS0170	Initial Survey		[Red bar]				
ER4920	Subbase (104 ton)		[Green bar from Nov to Feb]				
ER4950	Bitumen Pavement (215 ton)			[Green bar from Dec to Feb]			
Railing							
ER4890	Railing				[Green bar from Jan to Feb]		
Road Furniture							
ER4900	Road Furniture				[Green bar from Jan to Feb]		
PORTION R							
Portion R Building							
002 - C&ED Observation Guard Booth, Portion R							
D00210	Excavation + Blinding				[Red bar]		
D00220	Raft Foundation				[Red bar from Jan to Feb]		
External Works for Portion R							
Drainage Works							
AS0180	Initial Survey				[Green bar]		
Landscape Works							
A5170	Design and Procurement for Irrigation System		[Green bar from Nov to Dec]				
A5180	Installation of Irrigation System				[Red bar from Jan to Feb]		
A5190	All landscape Soft & Hard Works				[Red bar from Jan to Feb]		

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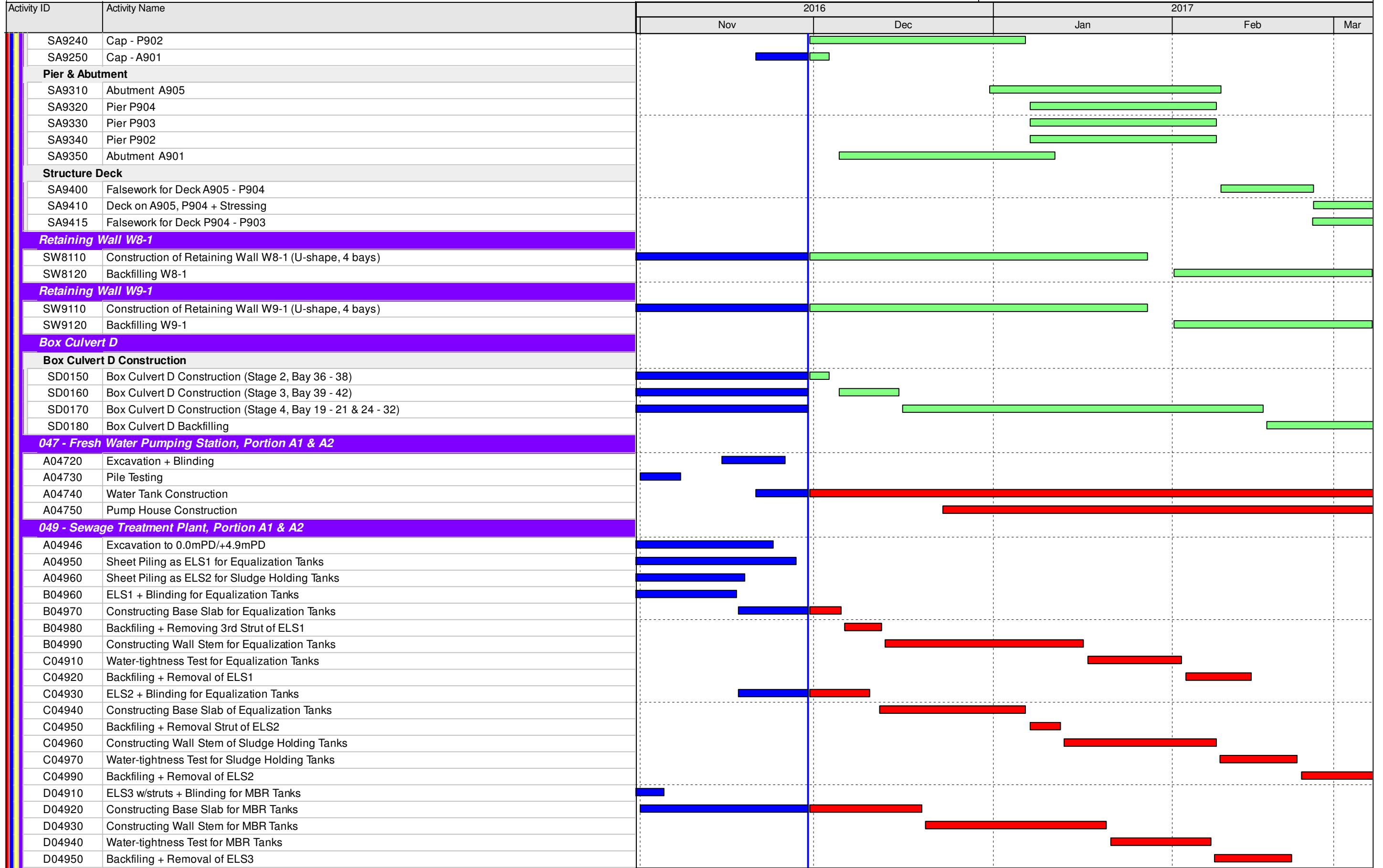
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		Nov	Dec	Jan	Feb	Mar
HKBCF - VCP & Ancillary Buildings and Facilities, DWP Rev. 3A, DD 30 Nov. 16						
CONTRACT DATES						
Key Dates						
A1320	KD32 Achievement of Section IV(b) of the Works (646 days; 15 Jan. 17)					◆ KD32 Achievement of Section IV(b) of the Works (646 days)
A1330	KD33 Achievement of Section IV(c) of the Works (646 days; 15 Jan. 17)					◆ KD33 Achievement of Section IV(c) of the Works (646 days)
Site Access & Possession						
Possession of Portion of Site						
A0030	Possession of Portion B (<=100 days)		◆ Possession of Portion B (<=100 days)			
A0040	Possession of Portion C (<=100 days)			◆ Possession of Portion C (<=100 days)		
A0070	Possession of Portion F (<=220 days)			◆ Possession of Portion F (<=220 days)		
A0110	Possession of Portion J (<=320 days)		◆ Possession of Portion J (<=320 days)			
A0150	Possession of Portion N (<=345 days)		◆ Possession of Portion N (<=345 days)			
A0160	Possession of Portion P (<=502 days)		◆ Possession of Portion P (<=502 days)			
A0170	Possession of Portion Q (<=500 days)		◆ Possession of Portion Q (<=500 days)			
A0180	Possession of Portion R (<=610 days)			◆ Possession of Portion R (<=610 days)		
Access to Locations of the Site						
A0210	Contract Date for Access to Location 1.1 (490 days)		◆ Contract Date for Access to Location 1.1 (490 days)			
A0220	Contract Date for Access to Location 1.2 (405 days)		◆ Contract Date for Access to Location 1.2 (405 days)			
A0230	Contract Date for Access to Location 1.3 (488 days)		◆ Contract Date for Access to Location 1.3 (488 days)			
A0240	Contract Date for Access to Location 1.4 (488 days)		◆ Contract Date for Access to Location 1.4 (488 days)			
A0250	Contract Date for Access to Location 1.5 (580 days)		◆ Contract Date for Access to Location 1.5 (580 days)			
A0280	Contract Date for Access to Location 1.7A (610 days)		◆ Contract Date for Access to Location 1.7A (610 days)			
A0290	Contract Date for Access to Location 1.7B (610 days)		◆ Contract Date for Access to Location 1.7B (610 days)			
A0300	Contract Date for Access to Location 1.7C (610 days)		◆ Contract Date for Access to Location 1.7C (610 days)			
A0310	Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)		◆ Contract Date for Access to Location 1.8 PCB (Basement level up to ground floor slab) (395 days)			
A0320	Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)		◆ Contract Date for Access to Location 1.8 PCB (Ground Floor level or above) (515 days)			
A0330	Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)		◆ Contract Date for Access to External Area for Contract HY/2013/01 for ELV System Installation (570 days)			
A0340	Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)		◆ Contract Date for Access to External Area for Contract HY/2013/02 for ELV System Installation (560 days)			
A0350	Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)		◆ Contract Date for Access to External Area for Contract HY/2013/04 ELV System Installation (560 days)			
Section/Stage Subject to Excision						
A0770	Contract Date for Section VI (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VI (650 days, latest date when the Engineer may order)
A0780	Contract Date for Section VII (650 days, latest date when the Engineer may order)					◆ Contract Date for Section VII (650 days, latest date when the Engineer may order)
PRELIMINARY						
Precast Yard for Bridge Segement						
A0630	Segment Manufacture					
PORTION A1						
Portion A1 Structures						
Bridge A9						
Bored Pile						
SA9120	Bored pile for A9 Bridge, 10 no.					
SA9140	Pile testing					
Pile Cap						
SA9210	Cap - A905					
SA9220	Cap - P904					
SA9230	Cap - P903					

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		Nov	Dec	Jan	Feb	Mar
D04955	Excavation + Blinding for Ground Slab					
D04960	Constructing Ground Slab for Transformer Room					
D04970	Transformer Room Construction					
Portion A1 Buildings						
012 - DOH Disinsection Area and Store Room 1, at Portion A1						
A01280	Other BS + E&M Installation					
036 - Weigh Station						
A03650	Ceiling/Wall Plaster & Painting					
A03660	Floor Screed					
A03665	External Wall Plaster & Tile					
A03670	BS for Office Accomodation (Stage 8)					
A03680	BS + E&M for Office Accommodation (Stage 9)					
A03690	Other BS + E&M Installation					
037 C&ED Tower Cum Inbound Cargo Examination Building (Portion A1 & B)						
A03738	DDA Submission/Approval for Curtain Wall/Metal Roof/Alum. Cladding					
A03740	Steel Frame Structure Installation					
A03742A	Mock-up Sample for Curtain Wall					
A03742B	Mock-up Sample for Cladding					
A03742C	Mock-up Sample for Mesh Screen Wall (SS41) & Balustrade					
A03742E	Mock-up Sample for Toilet Counter Top (WF24)					
A03742F	Mock-up Sample for External Wall Tiling					
A03744	Curtain Wall/Metal Roof/Aluminium Cladding Installation					
A03746	Blockwall Laying					
A03748	Wall/Ceiling Plastering/Tiling					
A03752	Floor Screed/Tiling					
A03756	Window/Door Frame Installation					
A03760	BS + E&M for AVCSS Cabling (KD18A)					
A03780	BS for Office Accomodation (KD9)					
A03785	BS for Office Accomodation (KD10)					
A03790	Other BS + E&M Installation					
Test & Commission						
B03790	Beam Plus Monthly Submission & Issue					
041 Fire Station Cum Ambulance Depot						
A04120	Super Structure, G/F to 1/F					
A04122	Super Structure, 1/F to 2/F (incl. parapet wall and planter wall)					
A04124	DDA Submission/Approval for Cladding & Curtain Wall					
A04126	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04132	Blockworks					
A04133	Ceiling & Wall Plastering/Wall Tiling					
A04140	BS for Office Accomodation (Stage 8)					
A04160	Other BS + E&M Installation					
042 Drill Tower						
A04260	Finishing					
A04270	BS for Office Accomodation (Stage 8)					
A04280	BS + E&M for Office Accomodation (Stage 9)					
A04290	Other BS + E&M Installation					
043 DOH Office + Store Room						
A04330	Super Structure					
A04340	Water Tanks for F.S./Sprinkler Pump Room					
A04360	DDA Submission for Cladding & Curtain Wall					

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A04370	Cladding & Curtain Wall Installation (incl. steel & metal works)					
A04380	BS for Office Accomodation (Stage 8)					
B04310	Other BS + E&M Installation					
B04330	Stainless Steel Mesh Installation					
B04340	Metal Windows/Louvres/Doors/Railing etc. installation					
B04350	Blockworks					
B04360	Wall Plastering/Tiling					
C04310	C/S Wall Plastering					
052 - Transforms (Zone 4)						
A05235	Energisation by CLP					
A05250	Ceiling/Wall Painting Finish & Floor Screed					
A05260	External Wall Plaster & Wall (KD10)					
A05270	Main Switch/L.V. Switch Board Installation					
A05280	Genset Installation					
Completion of Fire Services Installation and Equipment (FCD)						
C05210	Approved Building Plans					
105 IMMD Guard Booth, Portion A1 (Mock Up)						
B10500	Shop Drawings & Material Submission					
Facade Envelop Structure Installation						
B10580	Shop Drawing Submission and Approval					
B10590	Fabrication of F/C System					
External Works for Portion A1						
Drainage Works						
ED0020	Drainage Works (773m & 34MHs), Stage 1 (Western)					
ED0030	Sewerage (300m & 9MHs), Stage 1 (Western)					
ED5590	Drainage Works (774m & 35MHs), Stage 2 (Middle)					
ED5600	Sewerage (300m & 9MHs), Stage 2 (Middle)					
Waterpipe Laying						
EW5010	Fresh Water Main Laying (700 m), Stage 1 (Western)					
EW6010	Flushing Water Main Laying (322 m), Stage 1 (Western)					
EW6020	Fresh Water Main Laying (700 m), Stage 2 (Middle)					
EW6030	Flushing Water Main Laying (322 m), Stage 2 (Middle)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5260	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5270	Duct & Cable Laying for TCSS & Lighting					
Road Furniture						
ER0800	ELV Installation					
PORTION A2						
Portion A2 Structures						
046 - Refuse Collection Point, Portion A2						
A04600	Excavation + Blinding (+ PL Test)					
A04610	Raft Foundation					
A04620	Superstructure w/2 water tank					
Test & Commission						
B04620	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
048 - Reclaimed Water Pumping Station, Portion A2						
A04830	Sheet Piling as ELS for Basement 1					
A04840	Pile testing					
A04850	Excavation + Blinding for Basement 1					

- █ Actual Work
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- ◆ Milestone

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Activity ID	Activity Name	2016		2017		
		Nov	Dec	Jan	Feb	Mar
A04860	Basement 1 Construction			[Red bar]		
A04865	Water-tightness Test for Basement 1				[Green bar]	
A04870	Basement 2 Construction			[Red bar]		
Retaining Wall W9-2						
SW9210	Construction of Retaining Wall W9-2 (U-shape, 6 bay)	[Blue bar]	[Red bar]			
External Works for Portion A2						
Drainage Works						
A2S010	Initial Survey	[Blue bar]				
PORTION B						
Portion B Structures						
Retaining Wall W7-2						
S70870	Construction of Retaining Wall W7-2 (L-shape, 1 bays)		[Green bar]			
S70890	RW7-2 Backfilling			[Green bar]		
S70970	RW7-2 Parapet (2 pour) & E&M Works				[Green bar]	
Retaining Wall W6-1						
S62050	Construction of Retaining Wall W6-1 (L-shape, 4 bays)	[Blue bar]	[Green bar]			
S62060	RW6-1 Backfilling			[Green bar]		
S62070	RW6-1 Parapet (8 pour) & E&M Works				[Green bar]	
Bay 4 - 19 of CUE/Staff Subway						
C02760	Internal Finishes & Cable Containment (KD1)	[Blue bar]				
C02770	BS + E&M Installation for AVCSS (Stage 1)	[Blue bar]	[Red bar]			
C02780	Allow Access to C1 for Chilled Water Pipe (CUE) installation					◆ Allow Access
Bay 20 - 24 of CUE/Staff Subway						
C02820	Bay 20 - 24 Construction - Base Slab	[Blue bar]	[Red bar]			
C02830	Bay 20 - 24 Construction - Wall + Top Slab	[Blue bar]	[Red bar]	[Red bar]		
C02840	Internal Finishes & Cable Containment (KD1)			[Red bar]		
C02850	BS + E&M Installation for AVCSS (Stage 1)		[Red bar]	[Red bar]		
Bay 25 - 29 of CUE/Staff Subway						
C02920	Bay 25 - 29 Construction - Base Slab	[Blue bar]	[Red bar]			
C02930	Bay 25 - 29 Construction - Wall + Top Slab	[Blue bar]	[Red bar]	[Red bar]		
C02960	Internal Finishes & Cable Containment (KD1)			[Red bar]		
C02970	BS + E&M Installation for AVCSS (KD1)		[Red bar]	[Red bar]		
Portion B Buildings						
027/028 Inbound Kiosks & 029 Outbound Kiosks						
A02710	Pre-fabrication for the Steel Kiosks	[Blue bar]	[Red bar]			
A02715	Mock up for Steel Kiosks	[Blue bar]	[Red bar]			
A02718	Mock up for Goods Vehicle Canopy		[Red bar]			
A02720	Super structure	[Blue bar]				[Red bar]
A02780	BS + E&M for AVCSS Works (KD18A)					[Red bar]
027/028 Inbound Kiosks & 029 Outbound Kiosks, Section IX, Subject to Excision						
B02740	Pre-fabrication for the Steel Kiosks	[Blue bar]	[Red bar]			
B02760	BS + E&M for AVCSS Works (KD18C)				[Red bar]	
026 Inbound IMMD and DOH Secondary Screening Building						
A02630	Super Structure	[Blue bar]	[Red bar]			
A02640	Finishing			[Green bar]	[Green bar]	
A02650	Contractor's Design Submission for SS Mesh Screen & Approval			[Green bar]	[Green bar]	
A02660	Contractor's Design Submission for Aluminium Cladding & Approval			[Green bar]	[Green bar]	
A02670	BS for Office Accomodation (Stage 8)			[Red bar]	[Red bar]	
A02690	Other BS + E&M Installation				[Green bar]	

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Test & Commission						
B02620	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
054 Inbound Fixed X-ray Building						
A05460	Finishing					
A05467	Energisation by CLP					
A05470	BS for Office Accomodation (Stage 8)					
A05480	BS + E&M for Office Accomodation (Stage 9)					
B05410	Lift Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05440	Approved Building Plans					
Waterworks Ordinance (WSD)						
G05410	Approval Letter and approved Drawings					
038 AFCD Office						
A03820	Substructure					
A03830	Super Structure; G/F to 1/F					
A03840	Super Structure; 1/F to 2/F (incl. parapet and planter wall)					
039 Police Main Building						
A03920	Substructure					
A03930	Super Structure; G/F to 1/F					
A03935	Super Structure; 1/F to 2/F (incl. parapet and planter wall)					
040 Incident Control Tower						
A04020	Substructure					
A04040	Super Structure					
A04050	Finishing (KD9)					
A04060	BS for Office Accomodation (Stage 8), & for TCSS works (KD14)					
Facade Cladding System						
B04010	Shop Drawing Submission and Approval					
B04020	Fabrication of F/C System					
Glass Wall						
C04010	Shop Drawing Submission and Approval					
C04020	Fabrication of Glass Wall					
102 HKPF UVSS Monitor Room						
A10220	Super Structure					
A10230	Finishing (False Ceiling) (KD9)					
A10240	BS for Office Accomodation (Stage 8)					
A10270	Other BS + E&M Installation					
Metal Canopy and Roof Installation						
B10210	Shop Drawing Submission and Approval					
B10212	Fabrication of MC/R					
103 Police Inspection Post						
A10310	Excavation + Blinding					
A10330	Raft Foundation					
A10340	Super Structure (Roof Slabs)					
A10350	Finishing (False Ceiling) (KD9)					
A10360	BS for Office Accomodation (Stage 8)					
HPL Composite Panel Cladding System						
B10310	Shop Drawing Submission and Approval					
057 Transformers (Zone 2)						
A05730	Superstructure					
A05740	Finishing					

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A05750	BS + E&M for Tx Room to CLP (Stage 4)			[Red bar]		
A05760	BS for Office Accomodation (Stage 8)			[Red bar]		
A05780	Other BS + E&M Installation			[Green bar]		
Completion of Fire Services Installation and Equipment (FCD)						
F05740	Provision of Approved Building Plans by the Engineer					◆ Provision of Approved Building Plans by the Engineer
DG License & EPD Generator Approval						
G05710	Approval Letter and approved Drawings					◆ Approval Letter and approved Drawings
107 - C&ED Mobile X-ray Operation Office (Cargo), Portion B						
C10710	Excavation + Blinding	[Blue bar]	[Red bar]			
C10720	Raft Foundation					
C10730	Superstructure (Roof Slabs)			[Red bar]		
113 - Field Kiosk for Access Control, Portion B						
B11320	Raft Foundation	[Blue bar]	[Red bar]			
B11330	Superstructure (Roof Beams & Slabs)			[Red bar]		
201 - Inbound Cargo Mobile X-ray Operation Area						
ER5740	Radiation Screen Wall Construction			[Green bar]		
205 - Inbound Private Car Mobile X-ray Operation Area						
ER5750	Radiation Screen Wall Construction			[Green bar]		
External Works for Portion B						
Works in Location 1.7A						
BB1480	ELV Works & T&C in Location 1.7A			[Red bar]		
Works in Location 1.7B						
BB1490	ELV Works & T&C in Location 1.7B			[Red bar]		
Drainage Works						
ED1540	Drainage Works (1130m & 60 MHs), Stage 1	[Blue bar]				
ED3580	Sewerage (275m & 8MHs), Stage 1	[Blue bar]				
ED5650	Drainage Works (1130m & 60MHs), Stage 2	[Blue bar]	[Red bar]			
ED5660	Sewerage (300m & 8MHs), Stage 2	[Blue bar]	[Red bar]			
ED5670	Drainage Works (1130m & 60MHs), Stage 3 (N/W)			[Red bar]		
ED5680	Sewerage (300m & 8MHs), Stage 3 (N/W)			[Red bar]		
Waterpipe Laying						
EW1550	Fresh Water Main Laying (472m), Stage 1 (S/W)	[Blue bar]	[Red bar]			
EW1560	Flushing Water Main Laying (460m), Stage 1 (S/W)	[Blue bar]	[Red bar]			
EW6080	Fresh Water Main Laying (500m), Stage 2 (S/E)			[Red bar]		
EW6090	Flushing Water Main Laying (460m), Stage 2 (S/E)			[Red bar]		
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5300	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV	[Blue bar]	[Red bar]			
EU5630	Access date s to Telephone Companies					◆ Access date s to Telephone Companies
Roadworks						
ER1640	Subbase (10000 ton), Stage 1 (N/W)			[Red bar]		
ER3590	Bitumen Pavement (14000 ton), Stage 1 (N/W)			[Green bar]		
ER3600	Rigid Pavement (594 m3), Footpath & EVA, Stage 1 (N/W)			[Green bar]		
ER5590	Subbase (11000 ton), Stage 2 (N/E)					[Red bar]
Sign Gantry ADS 306A & ADS 306B						
ES5230	Submission and approval for Sign Gantry	[Blue bar]				
ES5240	Fabrication & Delivery of Sign Gantrys to Site			[Green bar]		
PORTION C						
Portion C Buildings						
010 - Inbound Coach Kiosk & Staff Subway Entrance						

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A01010	Substructure and Staircase Construction			[Red bar]		
009 - Staff Subway Entrance (Bay 0 - 3) & Shuttle Bus Kiosks						
A00940	Finishing	[Blue bar]	[Red bar]			
A00950	BS + E&M for AVCSS works (KD 1)	[Blue bar]	[Red bar]			
012 - DOH Disinsection Area and Store Room 1, at Portion C						
B01210	Excavation & Blinding			[Red bar]		
B01220	Raft Foundation			[Red bar]		
B01230	Superstructure				[Red bar]	
104 - DOH Secondary Screening Station, at Portion C						
A10420	Excavation & Blinding			[Red bar]		
A10430	Substructure			[Red bar]		
A10440	BS for Office Accomodation (Stage 8)					[Red bar]
B10410	Other BS + E&M Installation					[Green bar]
Facade Cladding System						
A10460	Shop Drawing Submission and Approval		[Red bar]			
A10465	Fabrication of F/C System			[Red bar]		
108 C&ED Mobile X-ray Machine Operation Office, Portion C						
A10805	Excavation & Blinding			[Red bar]		
A10810	Raft Foundation			[Red bar]		
A10840	Super Structure (Roof Beams & Slabs)				[Red bar]	
HPL Composite Panel Cladding System						
A10800	Shop Drawing Submission and Approval			[Red bar]		
A10815	Fabrication of HPL Cladding				[Red bar]	
110 IMMD Guard Booth (Type 2) East						
A11020	Excavation & Blinding			[Red bar]		
A11030	Substructure			[Red bar]		
A11080	Finishing				[Red bar]	
A11090	BS for Office Accomodation (Stage 8)				[Red bar]	
Facade Envelop Structure Installation						
A11040	Shop Drawing Submission and Approval		[Green bar]			
A11045	Fabrication of F/C System			[Green bar]		
111 Field Kiosk for Carpark Operator						
A11120	Excavation & Blinding			[Red bar]		
HPL Composite Panel Cladding System						
B11110	Shop Drawing Submission and Approval		[Green bar]			
B11120	Fabrication of HPL Cladding			[Green bar]		
113 - Field Kiosk for Access Control, Portion C						
C11310	Excavation & Blinding			[Red bar]		
C11320	Raft Foundation			[Red bar]		
C11330	Superstructure (Roof Beams & Slabs)				[Red bar]	
204 - Inbound Coach Exam Area & Mobile X-ray Operation						
ER5760	Radiation Screen Wall Construction			[Red bar]		
External Works for Portion C						
Works in Location 1.2, 1.8 & 011 - Emergency Generator Building						
BB1440	Works & T&C in Location 1.2		[Green bar]			
BB1460	ELV System Installation for Contract HY/2013/01		[Red bar]			
Drainage Works						
B00040	Initial Survey			[Red bar]		
SG2400	Drainage Works (400m & 18MHs), Stage 1 (Eastern)			[Red bar]		

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SG3610	Sewerage (90m & 2MHs), Stage 1 (Eastern)			[Red bar]		
Waterpipe Laying						
SW2410	Fresh Water Main Laying (135m), Stage 1 (Eastern)				[Red bar]	
SW2420	Flushing Water Main Laying (50m), Stage 1 (Eastern)				[Red bar]	
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
SU5320	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				[Red bar]	
PORTION D						
Portion D Building						
113 - Field Kiosk for Access Control, Portion D						
C11360	Raft Foundation	[Blue bar]				
C11370	Superstructure (Roof Beams & Slabs)			[Red bar]		
D11340	BS for Office Accomodation (Stage 8)			[Red bar]		
External Works for Portion D						
Drainage Works						
SG3640	Drainage Works (361m & 14MHs)			[Red bar]		
SG3760	Sewerage (121m & 6MHs)			[Red bar]		
Waterpipe Laying						
SW3650	Fresh Water Main Laying (108m)				[Red bar]	
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
B11480	ELV System Installation for Contract HY/2013/02			[Green bar]		
SU5340	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				[Green bar]	
SU5350	Duct & Cable Laying for TCSS & Lighting				[Red bar]	
Works of Car Park Management System at Location 1.5, 1.6A & 1.6B						
SR5540	Works & T&C for Car Park Management System at Location 1.5			[Red bar]		
PORTION E						
006 - Shuttle Bus Kiosk & Staff Subway Entrance, at Portion E & M						
A00610	ELS + Blinding for Subway		[Blue bar]			
A00620	Constructing base of Subway			[Red bar]		
A00630	Constructing wall stem + top slab of Subway			[Red bar]		
External Works for Portion E						
Drainage Works						
B00060	Initial Survey	[Blue bar]				
SG3780	Drainage Works (99m & 5MHs)				[Red bar]	
SG3900	Sewerage (38m & 1 MH)				[Red bar]	
PORTION F						
External Works for Portion F						
Drainage Works						
B00070	Initial Survey			[Red bar]		
SG3930	Drainage Works (122m & 9MHs)			[Red bar]		
SG4050	Sewerage (70m & 3MHs)			[Red bar]		
Waterpipe Laying						
SW3940	Fresh Water Main Laying (205m)				[Red bar]	
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
SU5380	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV				[Green bar]	
SU5390	Duct & Cable Laying for TCSS & Lighting				[Red bar]	
PORTION G, H1 & H2						
Portion G Structures						
Box Culvert C						

- Actual Work
- Remaining Work
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VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES**

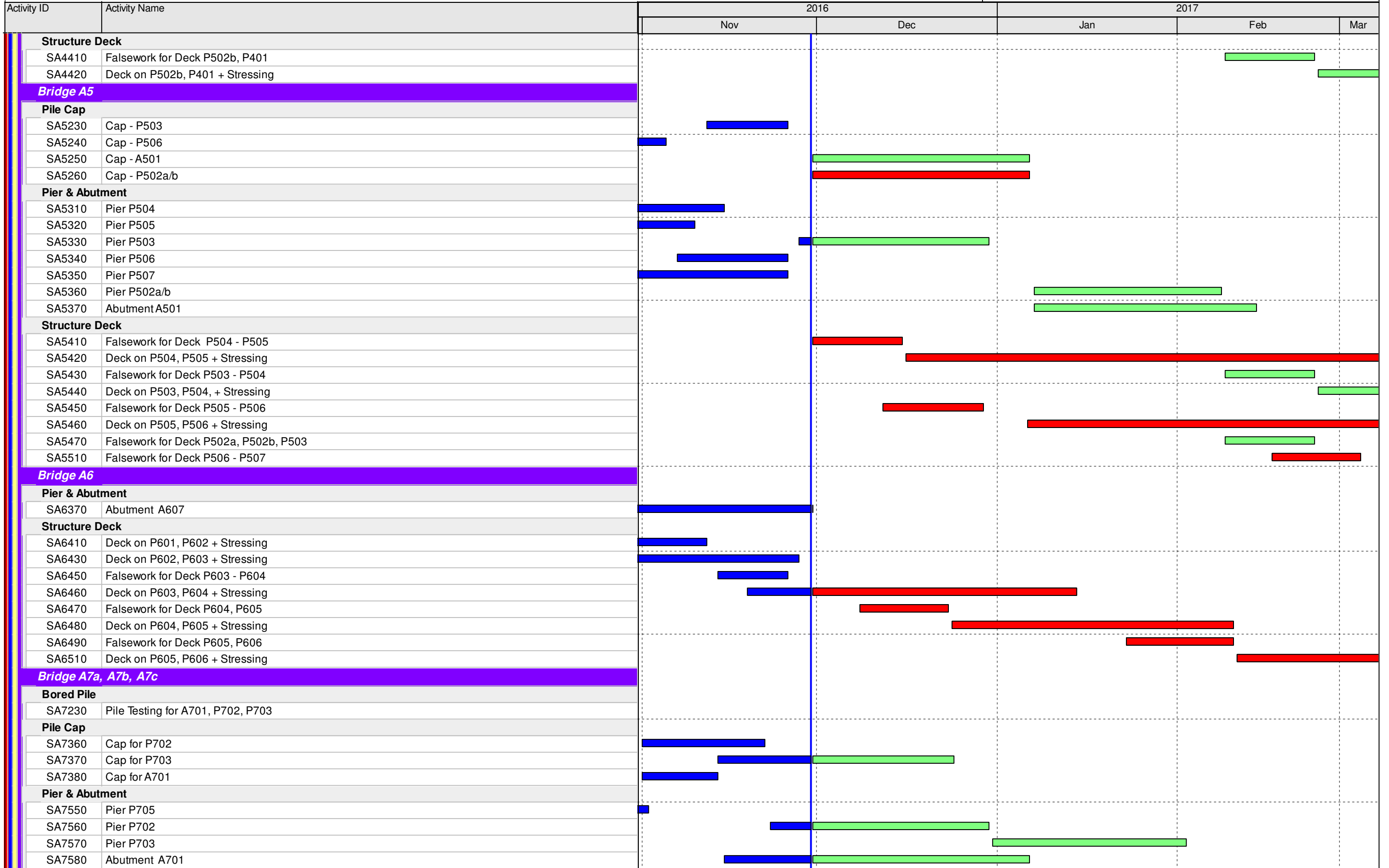
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Steel H Pile						
SC0280	Box C - 54 nos. of driven H pile, Stage 3	[Actual Work]		[Critical]		
Box Culvert Structure						
SC0310	Box C - Branch Construction			[Remaining Work]		
SC0320	Box C - Branch Backfilling				[Remaining Work]	
SC0380	Box C - Construction of Main Body		[Critical]			
Bridge A1						
Bored Pile						
SA1140	Pile Testing	[Actual Work]				
Pile Cap						
SA1210	Cap - A106	[Actual Work]				
Pier & Abutment						
SA1310	Abutment A106		[Actual Work]	[Remaining Work]		
Structure Deck						
SA1450	Falsework for Deck P101, P102			[Remaining Work]		
SA1460	Deck on P101, P102 + Stressing			[Remaining Work]		
SA1470	Falsework for Deck P104, P105			[Remaining Work]		
SA1480	Deck on P104, P105 + Stressing	[Actual Work]	[Remaining Work]			
SA1490	Falsework for Deck P105, A106			[Remaining Work]		
SA1510	Deck on P105, A106 + Stressing			[Remaining Work]		
Bridge A2						
Structure Deck						
SA2450	Falsework for Deck P201 - P202			[Remaining Work]		
SA2460	Deck on P201 & P202 + Stressing			[Remaining Work]		
SA2470	Parapet (36 pour), E&M Works & installation of DS49		[Actual Work]			
Bridge A3						
Bored Pile						
SA3160	Pile Testing for P304a/b	[Actual Work]				
Pile Cap						
SA3220	Cap - P304a/b		[Actual Work]	[Remaining Work]		
SA3250	Cap - A305			[Remaining Work]		
Pier & Abutment						
SA3320	Pier P304a, P304b			[Remaining Work]		
SA3330	Abutment A305			[Remaining Work]		
SA3350	Pier P303	[Actual Work]				
Structure Deck						
SA3410	Falsework for Deck P301 - P302	[Actual Work]				
SA3420	Deck on P301 - P302 + Stressing		[Actual Work]	[Remaining Work]		
SA3430	Falsework for Deck P302 - P303			[Remaining Work]		
SA3440	Deck on P302 - P303 + Stressing			[Remaining Work]		
SA3450	Falsework for Deck P303 - P304a/P304b				[Remaining Work]	
Bridge A4						
Bored Pile						
SA4130	Pile Testing	[Actual Work]				
Pile Cap						
SA4210	Cap - P401			[Remaining Work]		
SA4220	Cap - P402			[Remaining Work]		
Pier & Abutment						
SA4310	Pier P401			[Remaining Work]		
SA4320	Pier P402				[Remaining Work]	

█ Actual Work
█ Remaining Work
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SA7650	Abutment A711	[Actual Work]		[Remaining Work]		
Structure Deck						
SA7720	Deck on P706, P707 & P712 (Bridge A7b) + Stressing	[Actual Work]				
SA7730	Falsework for Deck P705 - P706		[Remaining Work]			
SA7740	Deck on P705 & P706 (Bridge A7a) + Stressing		[Remaining Work]	[Remaining Work]		
SA7750	Falsework for Deck P704, P705			[Remaining Work]		
SA7770	Deck on P704 & P705 (Bridge A7a) + Stressing			[Remaining Work]	[Remaining Work]	
SA7780	Falsework for Deck P703, P704				[Remaining Work]	
SA7790	Deck on P703, P704 (Bridge A7a) + Stressing				[Remaining Work]	[Remaining Work]
SA7850	Falsework for Deck P707, P708 (A7c)	[Actual Work]	[Critical]			
SA7860	Deck on P707, P708 (Bridge A7c) + Stressing		[Critical]	[Critical]		
SA7870	Falsework for Deck P708 - P709 (A7c)	[Actual Work]	[Critical]			
SA7880	Deck on P708 & P709 (Bridge A7c) + Stressing		[Critical]	[Critical]		
SA7890	Falsework for Deck P709, P710 (A7c)	[Actual Work]	[Critical]			
SA7910	Deck on P709, P710 (Bridge A7c) + Stressing				[Critical]	[Critical]
SA7920	Falsework for Deck P710 - A711 (A7c)	[Actual Work]	[Critical]			
SA7940	Parapet for Bridge A7b (8 pour) & E&M Works		[Remaining Work]	[Remaining Work]		
Bridge A8						
Pier & Abutment						
SA8310	Abutment A804	[Actual Work]		[Remaining Work]		
SA8320	Pier P802					
SA8330	Pier P803	[Actual Work]				
Structure Deck						
SA8410	Falsework for Deck P801, P802	[Actual Work]	[Remaining Work]			
SA8420	Deck on P802, P802 + Stressing		[Remaining Work]	[Remaining Work]		
SA8430	Falsework for Deck P802, P803			[Remaining Work]		
SA8440	Deck on P802, P803 + Stressing				[Remaining Work]	[Remaining Work]
Retaining Walls W1-1, W3-1, W5-1 & W7-1						
Retaining Wall W1-1						
SW1110	Construction of Retaining Wall W1-1 (L-shape, 4 bays)	[Actual Work]		[Remaining Work]		
Retaining Wall W3-1						
SW3130	Bored Pile for W3-1, 16 Nr.	[Actual Work]		[Remaining Work]		
SW3140	Pile Testing for W3-1				[Remaining Work]	
SW3150	Construction of Retaining Wall W3-1 (U-shape, 4 bays)				[Remaining Work]	[Remaining Work]
Retaining Wall W5-1						
SW5010	Construction of Retaining Wall W5-1 (L-shape, 5 bays)				[Remaining Work]	[Remaining Work]
Portion G Buildings						
002 - C&ED Observation Guard Booth No. 1, Portion H1						
C00220	Excavation + Blinding			[Critical]		
C00230	Raft Foundation			[Critical]	[Critical]	
C00240	Superstructure					[Critical]
002 - C&ED Observation Guard Booth No. 2, Portion H1						
E00210	Excavation + Blinding			[Critical]		
E00220	Raft Foundation			[Critical]	[Critical]	
E00230	Superstructure					[Critical]
033 Inbound Private Car Exam Building						
A03360	External Works		[Remaining Work]	[Remaining Work]		
A03370	BS for Office Accomodation (Stage 8)	[Actual Work]	[Critical]	[Critical]		
A03380	BS + E&M for Office Accomodation (Stage 9)					[Critical]
A03390	Other BS + E&M Installation		[Remaining Work]	[Remaining Work]		

█ Actual Work
█ Remaining Work
█ Critical
◆ Milestone

**THREE MONTH ROLLING PROGRAMME
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES**

Date	Revision	Checked	Approved
30-Sep-16	3MRP updated as of 30 Sep. 2016	ZJ	
31-Oct-16	3MRP updated as of 30 Oct. 2016	ZJ	
30-Nov-16	3MRP updated as of 30 Nov. 2016	ZJ	

Activity ID	Activity Name	2016		2017		
		Nov	Dec	Jan	Feb	Mar
C03310	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
Glass Canopy Installation						
B03300	Shop Drawing Submission and Approval					
B03305	Fabrication of Glass Canopy					
B03350	Casted-in Items Installation					
Aluminium Metal Canopy						
B03310	Shop Drawing Submission and Approval					
B03315	Fabrication of F/C System					
B03320	Casted-in Items Installation					
034 Satellite RCP South						
A03450	Finishing					
A03460	BS for Office Accomodation (Stage 8)					
A03470	BS + E&M for Office Accomodation (Stage 9)					
A03480	Other BS + E&M Installation					
Test & Commission						
C03410	Submission & Issue of WW046 I, II, III (Inside Services & FS)					
S S Facade Greenery System						
B03410	Shop Drawing Submission for Approval					
B03415	Fabrication of SS F/G System					
035 - Sewage Pumping Station, Portion G						
A03570	Constructing of Base Slab of Wet Well					
A03580	Constructing of Wall Stem of Wet Well					
A03590	Water-tightness Test for Wet Wells					
B03510	Backfilling + Removal of ELS					
B03520	ELS + Blinding for Basement Basement					
B03530	Constructing Base Slab of Basement					
B03540	Constructing Basement Wall & G/F Slab					
B03550	Water-tightness Test for Inlet Chamber					
B03560	Superstructure works					
051 Transformers (Zone 5)						
A05150	Finishing					
A05165	Energisation by CLP					
A05170	BS for Office Accommodations (KD9)					
A05190	Other BS + E & M Installation					
Completion of Fire Services Installation and Equipment (FCD)						
F05140	Approved Building Plans					
100 Inbound Traffic Control Kiosk						
A10050	Finishing					
HPL Composite Panel Cladding System						
B10010	Shop Drawing Submission and Approval					
B10015	Fabrication of F/C System					
112 Field Kiosk for Taxi Queuing Area						
A11230	Structure					
A11240	Finishing					
A11250	BS + E & M Installation					
External Works for Portion G, H1 & H2						
ELV Works within Portion H2 in the Hong Kong Side PTI						
EU1550	ELV Works within Portion H2 in the Hong Kong Side PTI (KD19)					
Sign Gantry DS40, DS41 & DS75						
ES0020	Sign Gantry DS40 Pre-bored H Piling, 12 Nr.					

- █ Actual Work
- █ Remaining Work
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- ◆ Milestone

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Activity ID	Activity Name	2016		2017		
		Nov	Dec	Jan	Feb	Mar
ES0040	Sign Gantry DS41 Driven Piling 4 Nr.	Actual Work				
ES0080	Testing for Pre-bored H Piling			Remaining Work		
ES0170	Submission and approval for Sign Gantry	Milestone				
ES0180	Fabrication & Delivery of Sign Gantrys to Site	Actual Work	Critical	Critical	Critical	Critical
Canopy and Covered Walkway						
CC1310	Shop drawing, Approved & Fabrication	Actual Work		Remaining Work		
CC1320	Footing	Actual Work				Remaining Work
PORTION J						
Portion J Structure						
Bay 30 - 41 of CUE/Staff Subway (Portion J)						
B03040	Bay 30 - 33 Construction - Base Slab	Actual Work	Critical			
B03050	Bay 30 - 33 Construction - Wall + Top Slab	Actual Work	Critical	Critical	Critical	Critical
B03220	Bay 34 - 39 Construction - Base Slab	Actual Work	Critical	Critical	Critical	Critical
B03230	Bay 34 - 39 Construction - Wall + Top Slab, Staircase		Critical	Critical	Critical	Critical
B03240	Bay 40 - 41 Construction - Base Slab	Actual Work	Critical			
B03250	Bay 40 - 41 Construction - Wall + Top Slab, Staircase		Critical	Critical	Critical	Critical
B03260	Internal Finishes & Cable Containment (KD2)				Critical	Critical
B03270	BS + E&M Installation for ACVSS (Stage 2) (KD2)					Critical
030 Outbound Private Car & GV Kiosks						
A03020	Pre-fabrication for the Steel Kiosks			Critical	Critical	Critical
030 Outbound Kiosks, Section IX, Subject to Excision						
C03020	Pre-fabrication for the Steel Kiosks			Critical	Critical	Critical
Portion J Buildings						
024 Outbound Private Car Exam Building						
A02400	Excavation + Blinding (PL Test)	Actual Work	Critical			
A02410	Raft Foundation		Critical	Critical		
A02420	Super Structure			Critical	Critical	Critical
Glass Canopy Installation						
B02410	Shop Drawing Submission and Approval			Critical		
B02415	Fabrication of F/C System			Critical	Critical	Critical
Aluminium Metal Canopy						
B02450	Shop Drawing Submission and Approval			Critical		
B02455	Fabrication of F/C System			Critical	Critical	Critical
031 Outbound IMMD and DOH Secondary Screen Building						
A03110	Raft Foundation	Actual Work	Critical			
A03140	Super Structure		Critical	Critical	Critical	Critical
060 - Single Storey Support Building Associated with Buildings 044 & 045						
A06000	Excavation + Blinding (+ PL Test)	Actual Work	Critical			
A06010	Raft Foundation (Traper)		Critical	Critical		
A06020	Superstructure (Traper) Construction			Critical	Critical	Critical
A06040	Excavation + Blinding (Strip part)			Critical		
A06045	Raft Foundation (Strip part)				Critical	Critical
Waterworks Ordinance (WSD)						
G06020	Submission of WWO46 - Part I & II (Inside Services)			Critical		
061 Telecom Building						
A06120	Excavation + Blinding		Critical			
A06130	Raft Foundation		Critical	Critical		
A06140	Super Structure			Critical	Critical	Critical
A06150	Finishing (KD9)					Critical

- █ Actual Work
- █ Remaining Work
- █ Critical
- ◆ Milestone

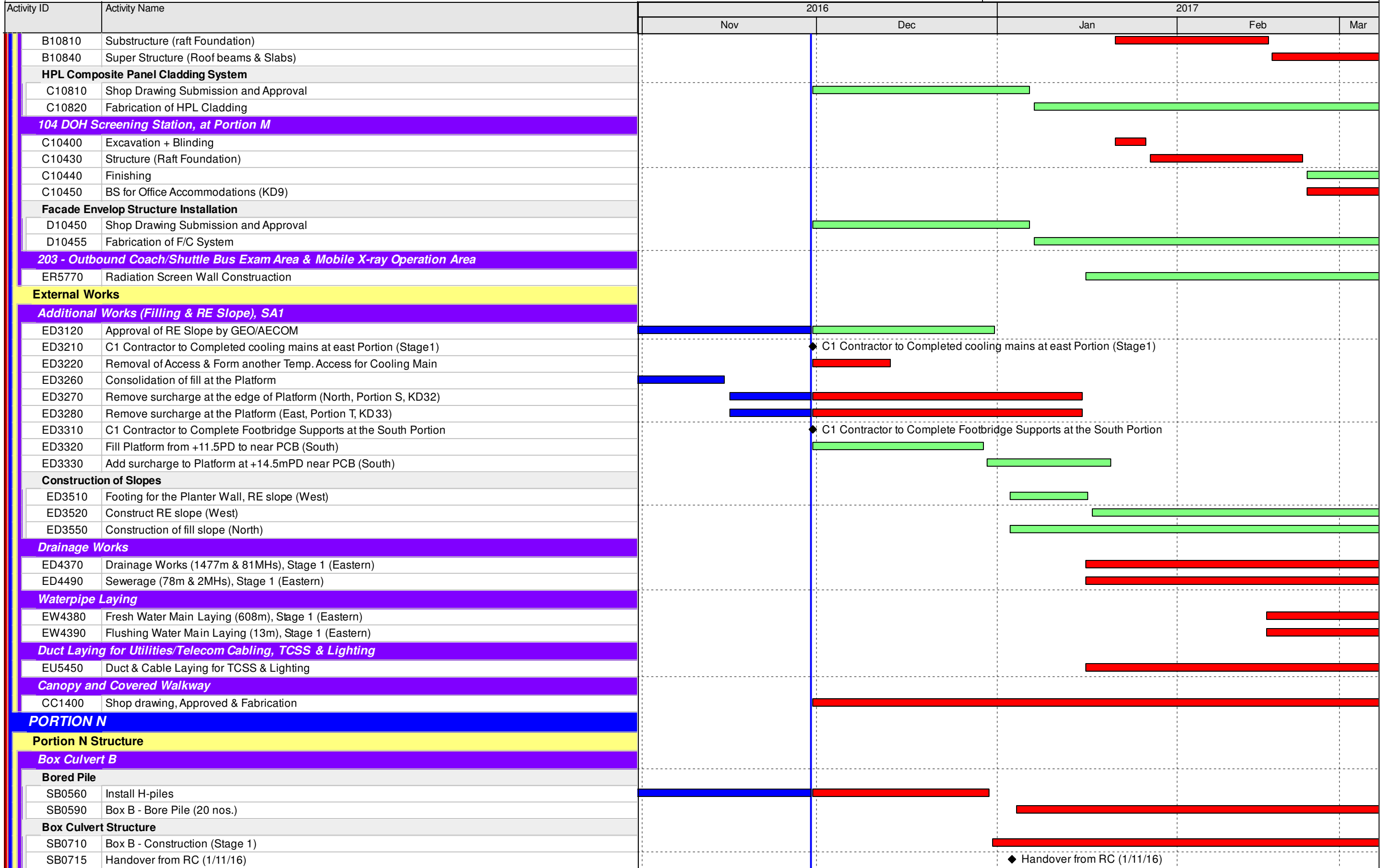
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Activity ID	Activity Name	2016		2017		
		Nov	Dec	Jan	Feb	Mar
A06160	BS for Office Accommodations (KD9)					
Aluminium Metal Canopy						
B06110	Shop Drawing Submission and Approval					
B06115	Fabrication of Aluminium Cladding					
101 Outbound Traffic Control Kiosk						
A10100	Excavation + Blinding					
A10110	Raft Foundation					
A10130	Super Structure (Roof Beams & Slabs)					
A10140	Finishing					
A10150	BS + E&M for AVCSS Works (KD18A)					
A10160	BS + E&M for AVCSS Cabling (KD18B)					
A10170	BS for Office Accommodations (KD9)					
A10190	Other BS + E & M Installation					
C10110	Submission of WWO46 - Part I & II (Inside Services)					
HPL Composite Panel Cladding System						
B10110	Shop Drawing Submission and Approval					
B10120	Fabrication of HPL Cladding					
206 - Outbound Private Car Mobile X-ray Operation Area						
ER5780	Radiation Screen Wall Construction					
External Works for Portion J						
Works in Location 1.7B						
EU1500	ELV Works & T&C in Location 1.7B					
Works in Location 1.7C						
EU1530	ELV Works & T&C in Location 1.7C					
Drainage Works						
ED4220	Drainage Works (1700m & 86MHs), Stage 1 (Northern)					
ED4340	Sewerage (425m & 11MHs), Stage 1 (Northern)					
Waterpipe Laying						
EW4230	Fresh Water Main Laying (770m), Stage 1 (Northern)					
EW4240	Flushing Water Main Laying (431m), Stage 1 (Northern)					
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5420	Duct & Cable Laying for Utilities/Telecom, CLP, BS & ELV					
EU5430	Duct & Cable Laying for TCSS & Lighting					
Sign Gantry DS104						
ES0140	Sign Gantry DS104 P-bored Piling, 8 Nr.					
ES5130	Testing for P-bored Piles					
ES5140	Submission and approval for Sign Gantry					
ES5150	Fabrication & Delivery of Sign Gantrys to Site					
PORTION K, L, M, S & T						
Portion K Building						
002 - C&ED Observation Guard Booth No. 1, Portion K						
A00210	Excavation + Blinding					
A00220	Raft Foundation					
002 - C&ED Observation Guard Booth No. 2, Portion K						
B00210	Excavation + Blinding					
B00220	Raft Foundation					
Portion M Buildings						
108 - C&ED Mobile X-ray Operation Office, Portion M						
B10800	Excavation + Blinding					

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THREE MONTH ROLLING PROGRAMME
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES

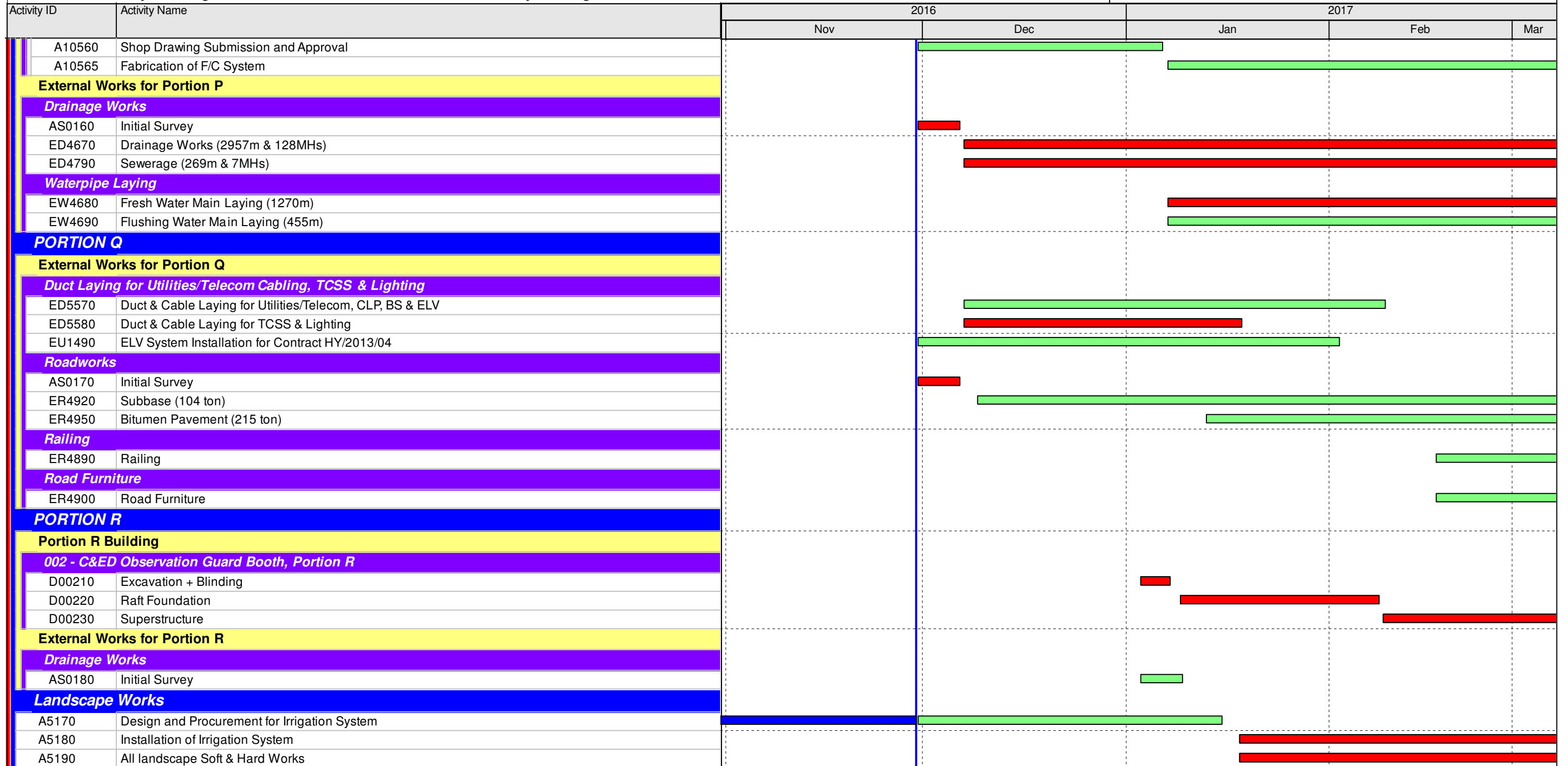
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Activity ID	Activity Name	2016		2017		
		Nov	Dec	Jan	Feb	Mar
SB0722	Box B - Temporary Works for Construction of Outfall Structure			[Red bar]		
Portion N Buildings						
104 DOH Screening Station, at Portion N						
Facade Envelop Structure Installation						
D10410	Shop Drawing Submission and Approval		[Green bar]			
D10415	Fabrication of F/C System			[Green bar]		
106 C&ED Detention Area Guard Booth						
A10600	Excavation + Blinding	[Red bar]				
A10610	Structure (Raft Foundation)		[Red bar]			
A10640	Finishing			[Red bar]		
E10640	BS for Office Accommodations (KD9)			[Red bar]		
E10660	Other BS + E & M Installation			[Green bar]		
Facade Envelop Structure Installation						
B10610	Shop Drawing Submission and Approval		[Green bar]			
B10615	Fabrication of F/C System			[Green bar]		
107 C&ED Mobile X-ray Operation Office, Portion N						
A10700	Excavation + Blinding		[Red bar]			
A10710	Substructure (Raft Foundation)			[Red bar]		
A10740	Super Structure				[Red bar]	
HPL Composite Panel Cladding System						
B10710	Shop Drawing Submission and Approval			[Green bar]		
B10720	Fabrication of HPL Composite Panel System					[Green bar]
200 - Inbound/Outbound Vehicle Detection Area						
ER5810	Construction of the Area and Access to the Interface Contractor			[Green bar]		
202 - Outbound Cargo Mobile X-ray Operation Area						
ER5790	Radiation Screen Wall Construction		[Red bar]	[Red bar]	[Red bar]	[Red bar]
External Works for Portion N						
Works in Location 1.7A						
EU1540	ELV Works & T&C in Location 1.7A		[Red bar]	[Red bar]	[Red bar]	[Red bar]
Drainage Works						
AS0150	Initial Survey	[Red bar]				
ED4620	Drainage Works (964m & 56MHs), Stage 1 (Southern)		[Red bar]	[Red bar]	[Red bar]	[Red bar]
ED4650	Sewerage (383m & 12MHs), Stage 1 (Southern)		[Red bar]	[Red bar]	[Red bar]	[Red bar]
Duct Laying for Utilities/Telecom Cabling, TCSS & Lighting						
EU5470	Duct & Cable Laying for TCSS & Lighting			[Red bar]	[Red bar]	[Red bar]
PORTION P						
Portion Structure						
Retaining Wall RW1						
RW1110	Construction of Retaining Wall RW1 (U-shape, 5 bays)		[Green bar]	[Green bar]	[Green bar]	[Green bar]
Portion P Buildings						
105 IMMD Guard Booth, Portion P						
A10510	Excavation + Blinding	[Red bar]				
A10520	Substructure (Raft Foundation)		[Red bar]			
A10530	On Grade Ground Slab			[Red bar]		
A10540	Finishing			[Red bar]		
E10500	BS for Office Accommodations (KD9)			[Red bar]		
E10510	BS + E&M for Office Accommodation (KD10)				[Red bar]	
E10520	Other BS + E & M Installation				[Green bar]	[Green bar]
Facade Envelop Structure Installation						

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VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES**

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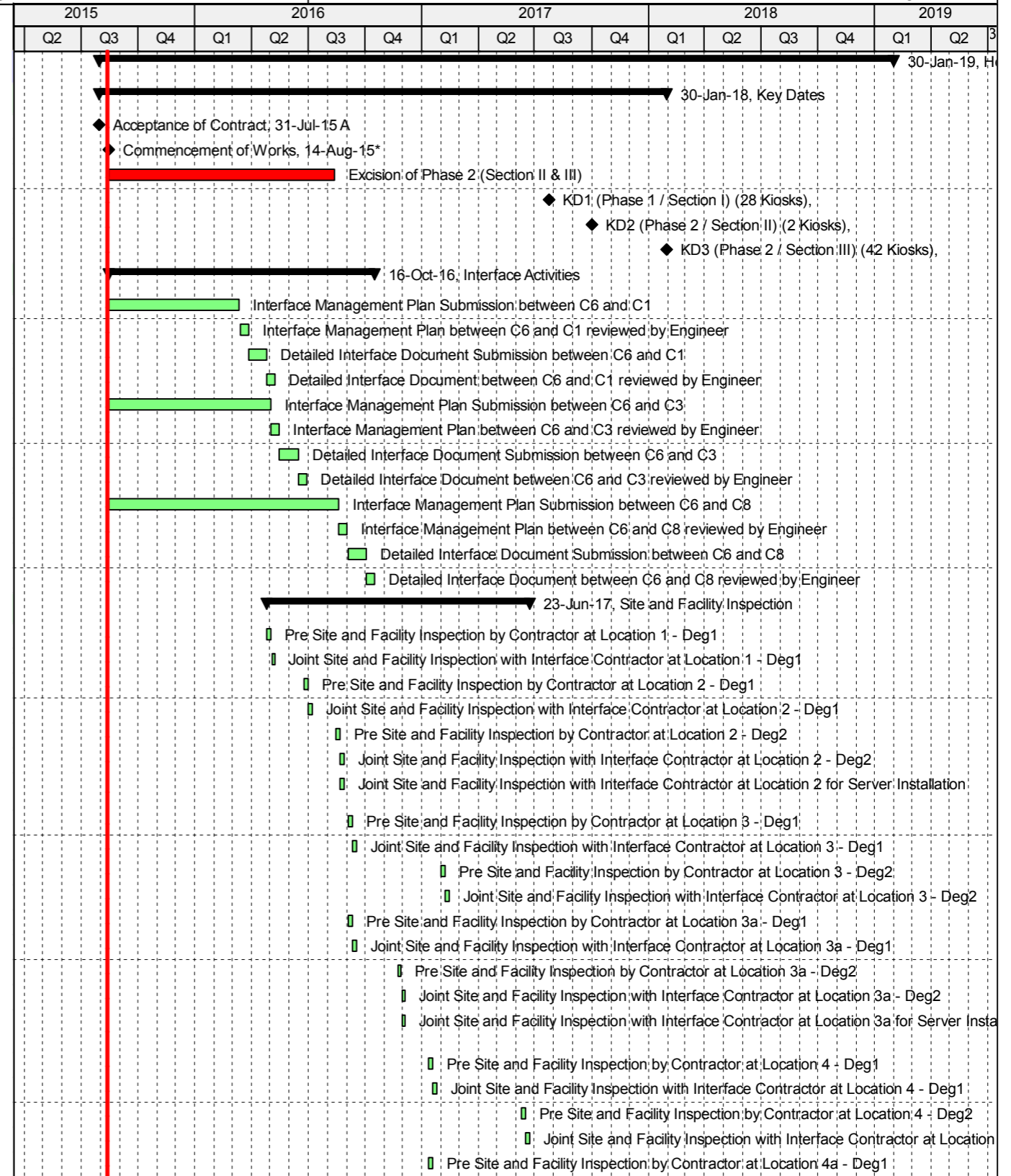


█ Actual Work
█ Remaining Work
█ Critical
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THREE MONTH ROLLING PROGRAMME
VEHICLE CLEARANCE PLAZAS AND ANCILLARY BUILDINGS AND FACILITIES
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Activity ID	Activity Name
Hong Kong-Zhuhai_Macao Bridge Hong Kong Boundary Crossin	
Key Dates	
A1000	Acceptance of Contract
A1010	Commencement of Works
A1020	Excision of Phase 2 (Section II & III)
A1120	KD1 (Phase 1 / Section I) (28 Kiosks)
A1470	KD2 (Phase 2 / Section II) (2 Kiosks)
A1480	KD3 (Phase 2 / Section III) (42 Kiosks)
Interface Activities	
A6860	Interface Management Plan Submission between C6 and C1
A6865	Interface Management Plan between C6 and C1 reviewed by Engineer
A6870	Detailed Interface Document Submission between C6 and C1
A6875	Detailed Interface Document between C6 and C1 reviewed by Engineer
A6880	Interface Management Plan Submission between C6 and C3
A6885	Interface Management Plan between C6 and C3 reviewed by Engineer
A6890	Detailed Interface Document Submission between C6 and C3
A6895	Detailed Interface Document between C6 and C3 reviewed by Engineer
A6900	Interface Management Plan Submission between C6 and C8
A6905	Interface Management Plan between C6 and C8 reviewed by Engineer
A6910	Detailed Interface Document Submission between C6 and C8
A6915	Detailed Interface Document between C6 and C8 reviewed by Engineer
Site and Facility Inspection	
A4730	Pre Site and Facility Inspection by Contractor at Location 1 - Deg1
A4740	Joint Site and Facility Inspection with Interface Contractor at Location 1 - Deg1
A4760	Pre Site and Facility Inspection by Contractor at Location 2 - Deg1
A4770	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg1
A4772	Pre Site and Facility Inspection by Contractor at Location 2 - Deg2
A4774	Joint Site and Facility Inspection with Interface Contractor at Location 2 - Deg2
A4775	Joint Site and Facility Inspection with Interface Contractor at Location 2 for Server Installation
A4780	Pre Site and Facility Inspection by Contractor at Location 3 - Deg1
A4790	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg1
A4800	Pre Site and Facility Inspection by Contractor at Location 3 - Deg2
A4810	Joint Site and Facility Inspection with Interface Contractor at Location 3 - Deg2
A4820	Pre Site and Facility Inspection by Contractor at Location 3a - Deg1
A4830	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg1
A4840	Pre Site and Facility Inspection by Contractor at Location 3a - Deg2
A4850	Joint Site and Facility Inspection with Interface Contractor at Location 3a - Deg2
A4851	Joint Site and Facility Inspection with Interface Contractor at Location 3a for Server Installation
A4860	Pre Site and Facility Inspection by Contractor at Location 4 - Deg1
A4870	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg1
A4880	Pre Site and Facility Inspection by Contractor at Location 4 - Deg2
A4890	Joint Site and Facility Inspection with Interface Contractor at Location 4 - Deg2
A4891	Pre Site and Facility Inspection by Contractor at Location 4a - Deg1



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- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone
- ▬ summary

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



Date	Revision	Checked	Approved
14-Nov-16	Rev.: 0	WC	LC

Activity ID	Activity Name	2015				2016				2017				2018				2019	
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
A5360	Pre Site and Facility Inspection by Contractor at Location 16 - Deg2																		
A5370	Joint Site and Facility Inspection with Interface Contractor at Location 16 - Deg2																		
A5375	Pre Site and Facility Inspection by Contractor at Location 17 - Deg1																		
A5378	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg1																		
A5380	Pre Site and Facility Inspection by Contractor at Location 17 - Deg2																		
A5390	Joint Site and Facility Inspection with Interface Contractor at Location 17 - Deg2																		
A5395	Pre Site and Facility Inspection by Contractor at Location 18 - Deg1																		
A5396	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg1																		
A5400	Pre Site and Facility Inspection by Contractor at Location 18 - Deg2																		
A5410	Joint Site and Facility Inspection with Interface Contractor at Location 18 - Deg2																		
A5420	Pre Site and Facility Inspection by Contractor at Location 19 - Deg1																		
A5430	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg1																		
A5440	Pre Site and Facility Inspection by Contractor at Location 19 - Deg2																		
A5450	Joint Site and Facility Inspection with Interface Contractor at Location 19 - Deg2																		
A5470	Pre Site and Facility Inspection by Contractor at Inbound Vehicle Clearance Plaza																		
A5480	Joint Site and Facility Inspection with Interface Contractor at Inbound Vehicle Clearance Plaza																		
A5490	Pre Site and Facility Inspection by Contractor at Outbound Vehicle Clearance Plaza																		
A5550	Joint Site and Facility Inspection with Interface Contractor at Outbound Vehicle Clearance Plaza																		
Access Dates		<ul style="list-style-type: none"> ◆ Location 1(PCB (001) Basement)-Deg1 (270d), 10-May-16* ◆ Location 1(PCB (001) ELV Room (Grid Line E3))-Deg1 (270d), 10-May-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) First Floor Main Server Room)-Deg2 (380d), 28-Aug-16* ◆ Location 2(PCB (001) First Floor Main Server Room) - For Server Installation, 28-Aug-16* ◆ Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg1 (330d), 09-Jul-16* ◆ Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD5)) - Deg2 (380d), 09-Jul-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) MDF Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) ELV Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)-Deg2 (500d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg1 (400d), 17-Sep-16* ◆ Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,129,140,141)-Deg2 (500d), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg ROCARS Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg1 (-), 17-Sep-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room)-Deg2 (480d), 06-Dec-16* ◆ Location 3a(Inbd Cargo Exam Bldg Main Server Room) - For Server installation, 06-Dec-16* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg1 (530d), 25-Jan-17* ◆ Location 4(Outbd Cargo Exam Bldg (023))-Deg2 (680d), 24-Jun-17* ◆ Location 4a(Outbd Cargo Exam Bldg (023))-Deg1 (-), 25-Jan-17* 																	

Programme No.: HZMB-DWP
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- █ Actual Level of Effort
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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Boundary Crossing
Facilities - Automatic Vehicle
Clearance Support System (AVCSS)



Date	Revision	Checked	Approved
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Activity ID	Activity Name	2015		2016				2017				2018				2019		
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
A1162	Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d)																	◆ Location 4a(Outbd Cargo Exam Bldg (023))-Deg2 (630d), 05-May-17*
A1170	Location 5(Common Utility Enclosure & Staff Subway)-Deg1 (320d)																	◆ Location 5(Common Utility Enclosure & Staff Subway)-Deg1 (320d), 29-Jun-16*
A1180	Location 5(Common Utility Enclosure & Staff Subway)-Deg2 (-)																	◆ Location 5(Common Utility Enclosure & Staff Subway)-Deg2 (-), 16-Nov-16*
A1190	Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d)																	◆ Location 6(Common Utility Enclosure & Staff Subway)-Deg1 (400d), 17-Sep-16*
A1200	Location 6(Common Utility Enclosure & Staff Subway)-Deg2 (-)																	◆ Location 6(Common Utility Enclosure & Staff Subway)-Deg2 (-), 06-Nov-16*
A1210	Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d)																	◆ Location 7(Common Utility Enclosure & Staff Subway)-Deg1 (270d), 10-May-16*
A1230	Location 8(Inbd Private Car Annex (025))-Deg1 (430d)																	◆ Location 8(Inbd Private Car Annex (025))-Deg1 (430d), 17-Oct-16*
A1240	Location 8(Inbd Private Car Annex (025))-Deg2 (580d)																	◆ Location 8(Inbd Private Car Annex (025))-Deg2 (580d), 16-May-17*
A1241	Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d)																	◆ Location 8(Inbd Private Car Annex (025) Canopy)-Deg1 (430d), 17-Oct-16*
A1242	Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d)																	◆ Location 8(Inbd Private Car Annex (025) Canopy)-Deg2 (580d), 16-May-17*
A1250	Location 9(Outbd Private Car Annex (032))-Deg1 (520d)																	◆ Location 9(Outbd Private Car Annex (032))-Deg1 (520d), 15-Jan-17*
A1260	Location 9(Outbd Private Car Annex (032))-Deg2 (660d)																	◆ Location 9(Outbd Private Car Annex (032))-Deg2 (660d), 04-Jun-17*
A1261	Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d)																	◆ Location 9(Outbd Private Car Annex (032) Canopy)-Deg1 (520d), 15-Jan-17*
A1262	Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d)																	◆ Location 9(Outbd Private Car Annex (032) Canopy)-Deg2 (660d), 04-Jun-17*
A1270	Location 10(Shuttle Bus Kiosks (006))-Deg1 (480d)																	◆ Location 10(Shuttle Bus Kiosks (006))-Deg1 (480d), 06-Dec-16*
A1280	Location 10(Shuttle Bus Kiosks (006))-Deg2 (550d)																	◆ Location 10(Shuttle Bus Kiosks (006))-Deg2 (550d), 14-Feb-17*
A1281	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d)																	◆ Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg1 (480d), 06-Dec-16*
A1282	Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d)																	◆ Location 10(Shuttle Bus Kiosks (006) Canopy)-Deg2 (550d), 14-Feb-17*
A1290	Location 11(Outbd Coach Kiosks (009))-Deg1 (400d)																	◆ Location 11(Outbd Coach Kiosks (009))-Deg1 (400d), 17-Sep-16*
A1300	Location 11(Outbd Coach Kiosks (009))-Deg2 (480d)																	◆ Location 11(Outbd Coach Kiosks (009))-Deg2 (480d), 06-Dec-16*
A1301	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d)																	◆ Location 11(Outbd Coach Kiosks (009) Canopy)-Deg1 (400d), 17-Sep-16*
A1302	Location 11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d)																	◆ Location 11(Outbd Coach Kiosks (009) Canopy)-Deg2 (480d), 06-Dec-16*
A1303	Location 11(Inbd Coach Kiosks (010))-Deg1 (400d)																	◆ Location 11(Inbd Coach Kiosks (010))-Deg1 (400d), 17-Sep-16*
A1304	Location 11(Inbd Coach Kiosks (010))-Deg2 (480d)																	◆ Location 11(Inbd Coach Kiosks (010))-Deg2 (480d), 06-Dec-16*
A1305	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d)																	◆ Location 11(Inbd Coach Kiosks (010) Canopy)-Deg1 (400d), 17-Sep-16*
A1306	Location 11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d)																	◆ Location 11(Inbd Coach Kiosks (010) Canopy)-Deg2 (480d), 06-Dec-16*
A1310	Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d)																	◆ Location 12(Inbd Private Car Kiosks(027))-Deg1 (400d), 17-Sep-16*
A1311	Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d)																	◆ Location 12(Inbd Private Car Kiosks(027))-Deg2 (480d), 06-Dec-16*
A1312	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d)																	◆ Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg1 (400d), 17-Sep-16*
A1313	Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d)																	◆ Location 12(Inbd Private Car Kiosks(027) Canopy)-Deg2 (480d), 06-Dec-16*
A1314	Location 12(Inbd GV Kiosks (028))-Deg1 (400d)																	◆ Location 12(Inbd GV Kiosks (028))-Deg1 (400d), 17-Sep-16*
A1315	Location 12(Inbd GV Kiosks (028))-Deg2 (480d)																	◆ Location 12(Inbd GV Kiosks (028))-Deg2 (480d), 06-Dec-16*
A1316	Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d)																	◆ Location 12(Inbd GV Kiosks (028) Canopy)-Deg1 (400d), 17-Sep-16*
A1317	Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d)																	◆ Location 12(Inbd GV Kiosks (028) Canopy)-Deg2 (480d), 06-Dec-16*
A1318	Location 12(Outbd GV Kiosks (029))-Deg1 (400d)																	◆ Location 12(Outbd GV Kiosks (029))-Deg1 (400d), 17-Sep-16*
A1319	Location 12(Outbd GV Kiosks (029))-Deg2 (480d)																	◆ Location 12(Outbd GV Kiosks (029))-Deg2 (480d), 06-Dec-16*
A1320	Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d)																	◆ Location 12(Outbd GV Kiosks (029) Canopy)-Deg1 (400d), 17-Sep-16*
A1321	Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d)																	◆ Location 12(Outbd GV Kiosks (029) Canopy)-Deg2 (480d), 06-Dec-16*
A1330	Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d)																	◆ Location 13(Outbd Private Car Kiosks (030))-Deg1 (480d), 06-Dec-16*
A1340	Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d)																	◆ Location 13(Outbd Private Car Kiosks (030))-Deg2 (550d), 14-Feb-17*
A1341	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d)																	◆ Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg1 (480d), 06-Dec-16*
A1342	Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d)																	◆ Location 13(Outbd Private Car Kiosks (030) Canopy)-Deg2 (550d), 14-Feb-17*
A1350	Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d)																	◆ Location 14(Future-Outbd/Inbd Private Car Kiosks)-Deg1 (610d), 15-Apr-17*
A1370	Location 15(Inbd Traffic Control Kiosk (100))-Deg1 (400d)																	◆ Location 15(Inbd Traffic Control Kiosk (100))-Deg1 (400d), 17-Sep-16*
A1380	Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d)																	◆ Location 15(Inbd Traffic Control Kiosk (100))-Deg2 (480d), 06-Dec-16*

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		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A1390	Location 16(Outbd Traffic Control Kiosk (101))-Deg1 (400d)																
A1400	Location 16(Outbd Traffic Control Kiosk (101))-Deg2 (480d)																
A1410	Location 17(Inbd Private Car Exam Bldg(033))-Deg1 (-)																
A1420	Location 17(Inbd Private Car Exam Bldg(033))-Deg2 (550d)																
A1430	Location 18(Outbd Private Car Exam Bldg(024))-Deg1 (-)																
A1440	Location 18(Outbd Private Car Exam Bldg(024))-Deg2 (670d)																
A1450	Location 19(DOH Cargo Clearance Bldg(043))-Deg1 (-)																
A1460	Location 19(DOH Cargo Clearance Bldg(043))-Deg2 (550d)																
A1461	Underground Ducting between Inbd Cargo Exam Bldg (037) and DOH Cargo Clearance Bldg (043) and CUE																
A1462	Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clearance Plaza																
A1463	Underground Ducting between CUE and Outbd Car Exam Bldg (023)																
A1464	Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle Clearance Plaza																
A1465	Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																
A1466	Underground Ducting between CUE and Inbd P. Car Annex (025) and Shuttle Bus Kiosks (006)																
A1467	Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																
A1468	Underground Ducting between CUE and Outbd PCA (032)																
A1478	Inbound Vehicle Clearance Plaza (Assume same as Location 3)																
A1488	Outbound Vehicle Clearance Plaza (Assume same as Location 4 degree 1 + 51 day)																
Interfaces Provisions																	
A7000	Inbound VID foundation and mounting structure (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7010	Inbound VTS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7020	Inbound TLS foundation and mounting poles (assume same as Access date of Inbound Vehicle Clearance Plaza)																
A7030	Outbound VID foundation and mounting structure (assume same as Access date of Outbound Vehicle Clearance Plaza)																
A7040	Outbound VTS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																
A7050	Outbound TLS foundation and mounting poles (assume same as Access date of Outbound Vehicle Clearance Plaza)																
WA4 Site Erection & Servicing																	
A1740	Possession of Site																
A1750	Method Statement & Drawing																
A1760	Place Order to prepare materials																
A1770	Review, revise and approve method statement																
A1780	Equipment mobilization and construction material delivered to the site																
A1790	Set up the alignment and level of the u-channel																
A1800	Trial pit excavation																
A1801	Excavation for chain-link fence footing																
A4540	Underground Utility detection																
A4550	Delivery of asphalt and fencing materials																
A4560	Trimming and leveling soil surface for paving asphalt material																
A4570	Remove the vegetation and lose material on the soil surface by backhoe																
A4580	Set out the alignment and level of the u-channel																

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A4590	Installation of fencing post along the site boundary																	
A4600	Excavation for underground drainage pipe																	
A4610	Evenly spread the asphalt scrap material by backhoe																	
A4620	Cast concrete for the u-channel and underground drainage pipe																	
A4630	Remove the u-channel framework																	
A4640	Installation of chain-link fencing along the site boundary																	
A4650	Installation of access doors																	
A4660	Excavation for drainage ditch																	
A4670	Cast concrete for the drainage ditch																	
A4680	Compact the asphalt scrap material																	
A4690	Land surveying																	
A4700	Inspection of chain-link fencing and access doors																	
A4710	Testing of drains																	
A4720	Completion of the works																	
Detailed Design Specification																		
A1808	Preliminary System Proposal Submission																	
A1809	Engineer's agreement with preliminary system proposal																	
A1810	Draft Detailed Design Specification (DDS) Submission																	
A1814	Draft Hardware Function Design Specification for Computer system and Network system (HFD)																	
A1815	Draft Software Function Design Specification for Computer system and Network system (SFD)																	
A1820	Engineer's Review and Approval for Draft Detailed Design Specification (DDS)																	
A1823	Engineer's Review and Approval for Draft Hardware FDS for Computer system and Network system (HFD)																	
A1824	Engineer's Review and Approval for Draft Software FDS for Computer system and Network system (SFD)																	
A1829	Interface Requirements for CED (LBS, CED IT Server, Metro-Ethernet) and IMMD (AVCS)																	
A1830	Final DDS Submission (AVCSS,VTS,VIDS)(Phase 1/Section I)																	
A1831	Development of System Security Plan																	
A1840	Engineer's Review and Approval for Final DDS Submission including System Security Plan (AVCSS)(Phase 1/Section I)																	
A1850	Final DDS Submission (AVCSS)(Phase 2/Section II&III)																	
A1860	Engineer's Review and Approval for DDS Submission (AVCSS)(Phase 2/Section II&III)																	
Construction Design and Management																		
A6920	Construction Health and Safety Plan Submission																	
A6930	Construction Health and Safety Plan reviewed by Engineer																	
Supply/Manufacture Mock-up items																		
A4749	Preparation of Kiosk equipment Mock-up																	
A4750	Installation of Kiosk equipment Mock-up																	
Supply/Manufacture prototypes																		
A2900	Manufacture LED Display Prototype (VID, ODB and XDB)																	
A2910	Manufacture All-In-One Panel Prototype (AIOP)																	
Software Design, Coding and Testing																		

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Coding		<p>05-Jan-17, Coding</p> <ul style="list-style-type: none"> CCS, SURCON, SYSCON, CDDBS Development Stage 1 VTS Development Stage 1 VIDS Development Stage 1 CCS, SURCON, SYSCON, CDDBS Development Stage 2 VTS Development Stage 2 VIDS Development Stage 2 															
Software System Inetgration		<p>22-May-17, Software System Inetgration</p> <ul style="list-style-type: none"> Test Plan Documentation Submission Engineer's Review and Approval for Test Plan Documentation Submission Software System Integration Test CCS/SYSCON/SURCON/CDDBS/VTS/VIDS Software Enhancement Software User Acceptance Test (UAT) 															
Prototype & Software Simulation Tests		<p>09-Sep-16, Prototype & Software Simulation Tests</p> <ul style="list-style-type: none"> Prototype Test Document Engineer's Approval for Testing Document CCWS with CDDBS, SURCON and SYSCON (Software Simulation/ Software Integration Test) Vehicle Tracking System (VTS) (Software Simulation/ Software Integration Test) LED Displays (VID, ODB and XDB) All-In-One Panel (AIOP) Prototype Testing Report Submission Engineer's Approval for Prototype Testing Report 															
Procurement - Phase 1 / Section I		<p>27-Dec-16, Procurement - Phase 1 / Section I</p> <ul style="list-style-type: none"> Procurement of Equipment for Phase 1/Section I Procurement of Cable and Accessories for Phase 1 /Section I Procurement of All Servers and Workstations 															
Supply/Manufacture products for FAT		<p>10-Nov-16, Supply/Manufacture products for FAT</p> <ul style="list-style-type: none"> Supply/Manufacture LED Display (ODB, VID and XDB) for FAT Supply/Manufacture All-In-One Panel (AIOP) for FAT Supply/Manufacture off-the-shelf equipment for FAT 															
Factory Acceptance Test (FAT)		<p>12-Dec-16, Factory Acceptance Test (FAT)</p> <ul style="list-style-type: none"> FAT Procedure Document Engineer's Approval for FAT Procedure Document FAT for Licence Plate Recognition System (LPRS) FAT for PA/Intercom FAT for ODB FAT for XDB FAT for VID FAT for Video Management System (VMS) FAT for Vehicle Tracking System (VTS) FAT for Communication Network (CMN) FAT for All-In-One Panel (AIOP) FAT for AVCSS System Test FAT Report Submission 															

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A4370	Engineer's Approval for FAT Report Submission																			
Supply/Manufacture Equipment																				
A6830	Supply/Manufacture LED (ODB, VID and XDB) Display for installation																			
A6840	Supply/Manufacture AIOF for installation																			
Delivery and Bench Acceptance Test for Phase 1/ Section I																				
A6740	Material On-Site for Phase 1/Section I																			
A6750	Material Bench Acceptance Test for Phase 1/Section I																			
A6850	Cable On-Site for Phase 1/Section I																			
A6960	AIOF On-Site for Phase 1/Section I																			
A6970	AIOF Bench Acceptance Test for Phase 1/Section I																			
A6980	LED (ODB, VID and XDB) On-Site for Phase 1/Section I																			
A6990	LED (ODB, VID and XDB) Bench Acceptance Test for Phase 1/Section I																			
Installation - Phase 1 / Section I																				
Location 1(PCB (001) Basement)																				
A3081	Cable Laying and termination at Location 1 and Location 2																			
Location 1(PCB (001) ELV Room (Grid Line E3))																				
A3101	Cable Laying and termination at Location 1 and Location 2																			
Location 2(PCB (001) Ground Floor ELV Room (Grid Line E3))																				
A3121	Cable Laying and termination at Location 1 and Location 2																			
Location 2(PCB (001) Ground Floor DOH Port Health Control Room (Grid Line BD))																				
A2041	Cable Laying and termination at Location 1 and Location 2																			
A2042	Cable Testing																			
A2043	Intercom and PA system Installation																			
A2044	Intercom and PA system tuning																			
Location 2(PCB (001) First Floor Main Server Room)																				
A2001	Cable Laying and termination at Location 1 and Location 2																			
A2002	Cable Testing																			
A2003	AVCSS Network and Server Installation																			
A2004	AVCSS Network and Server Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) Inspector Offices 128,129,130,131,128,12)																				
A3241	Cable Laying and termination in Location 3 and Location 3a																			
A3242	AVCSS SURCON WS and 55" LCD Installation																			
A3243	VTS WS Installation																			
A3245	SURCON, WS Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) ELV Room)																				
A3210	Cable Laying and termination between Location 3 and CUE																			
Location 3(Inbd Cargo Exam Bldg (037) Platform Control Room)																				
A2071	Cable Laying and termination in Location 3 and Location 3a																			
A2072	AVCSS SYSCON WS and 55" TV Wall Installation																			
A2074	AVCSS SYSCON WS Tuning																			
Location 3(Inbd Cargo Exam Bldg (037) MDF Room)																				
A3190	Cable Laying and termination between Location 3 and CUE																			
Location 3a(Inbd Cargo Exam Bldg (037) ROCARS Room)																				
A2091	Cable Laying and termination in Location 3 and Location 3a																			
A2092	AVCSS SYSCON,SURCON and Intercom Installation																			

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A2093	VTS WS Installation																
A2094	VID WS Installation																
A2096	SURCON, SYSCON, WS Tuning																
Location 3a(Inbd Cargo Exam Bldg Main Server Room)																	
A3330	Cable Laying and termination in Location 3 and Location 3a																
A3340	AVCSS Server Installation																
A3350	VTS Server Installation																
A3360	Servers Tuning																
Location 4(Outbd Cargo Exam Bldg (023) MDF Room)																	
A3410	Cable Laying and termination between CUE and Location 4																
Location 4 and 4a(Outbd Cargo Exam Bldg (023) ROCARS Room)																	
A3370	Cable Laying and termination in Location 4 and 4a																
A3380	AVCSS SYSCON, SURCON and Intercom Installation																
A3390	VTS WS Installation																
A3400	SYSCON, SURCON, WS Tuning																
Location 5(Common Utility Enclosure & Staff Subway)																	
A3430	Cable Laying between Location 5 and Location 7																
A3440	Cable Laying between Location 5 and Location 6																
A3480	ODB Switch Installation at EL Room 2-7																
Location 6(Common Utility Enclosure & Staff Subway)																	
A3450	Cable Laying between Location 5 and Location 6																
A3490	ODB Switch Installation at EL Room 8-9,11-12																
Location 7(Common Utility Enclosure & Staff Subway)																	
A3470	Cable Laying between Location 5 and Location 7																
Location 12(Inbd Private Car Kiosks,GV Kiosks (027,028,029))																	
Inbd Private Car Kiosks(027) - 9 nos (Phase 1)																	
A2452	Cable Containment in Kiosks																
A2453	Cable Laying and termination																
A2454	Cable Splicing, Testing and Labeling																
A2460	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																
A2470	ODB & XDB installation (9 nos)																
A4380	Inbd Private Car Kiosk Installation Complete																
Inbd Goods Vehicle Kiosks(028) - 5 nos (Phase 1)																	
A2532	Cable Containment in Kiosks																
A2533	Cable Laying and termination																
A2534	Cable Splicing, Testing and Labeling																
A2540	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																
A2550	AIOP Installation (5 nos)																
A2560	ODB & XDB installation (5 nos)																
A4390	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks(029) - 5 nos (Phase 1)																	
A2572	Cable Containment in Kiosks																
A2573	Cable Laying and termination																
A2574	Cable Splicing, Testing and Labeling																
A2580	AVCSS/DOH/MOM Kiosk Equipment Installation (5 nos)																

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A2590	AIOP Installation (5 nos)																	
A2600	ODB & XDB installation (5 nos)																	
A4400	Outbd Goods Vehicle Kiosks Installation Complete																	
Location 13(Outbd Private Car Kiosks (030)) - 9 nos (Phase 1)																		
A3582	Cable Containment in Kiosks																	
A3583	Cable Laying and termination																	
A3584	Cable Splicing, Testing and Labeling																	
A3590	AVCSS/DOH/MOM Kiosk Equipment Installation (9 nos)																	
A3600	ODB & XDB installation (9 nos)																	
A4410	Outbd Private Car Kiosks Installation Complete																	
Location 14(Future-Outbd/Inbd Private Car Kiosks) - 6+6 nos																		
A2441	Cable Laying and termination at ELV Room in CUE																	
Location 15(Inbd Traffic Control Kiosk (100))																		
A3651	Cable Laying and termination																	
A3652	AVCSS SYSCON, SURCON Installation																	
A3660	VTS WS and 55" LCD Installation																	
A3670	SYSCON, SURCON, WS Tuning																	
Location 16(Outbd Traffic Control Kiosk (101))																		
A3701	Cable Laying and termination																	
A3702	AVCSS SYSCON, SURCON Installation																	
A3710	VTS WS and 55" LCD Installation																	
Location 17(Inbd Private Car Exam Bldg(033) Operational Office)																		
A3750	Cable Laying and termination																	
A3760	AVCSS SURCON and 55" LCD Installation																	
A3770	SURCON Tuning																	
Location 18 (Outbd Private Car Exam Bldg(024) Operational Office)																		
A3780	Cable Laying and termination																	
A3790	AVCSS SURCON and 55" LCD Installation																	
Location 19 (DOH Cargo Clearance Bldg(043))																		
A2111	Cable Laying and termination between Location 19 and CUE																	
A2112	Cable Laying in Location 19																	
A2113	PA and Intercom Installation																	
A2123	PA and Intercom Tuning																	
Inbd Vehicle Clearance Plaza - 8 nos VID, 7 nos VTS, 4 nos TLS																		
A4050	Inbound VID cabling from pillar box to VID field equipment																	
A4052	Inbound VTS cabling from pillar box to VTS field equipment																	
A4054	Inbound TLS cabling from pillar box to TLS field equipment																	
A4060	Inbound VID field equipment installation (8 VID)																	
A4062	Inbound VTS field equipment installation (4 RFID + 3 Cameras)																	
A4064	Inbound TLS field equipment installation (4 TLS)																	
A4066	Inbound VID, VTS and TLS field equipment tuning																	
Outbd Vehicle Clearance Plaza - 8 nos VID, 6 nos VTS, 4 nos TLS																		
A4110	Outbound VID cabling from pillar box to VID field equipment																	
A4120	Outbound VTS cabling from pillar box to VTS field equipment																	
A4130	Outbound TLS cabling from pillar box to TLS field equipment																	

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A4140	Outbound VID field equipment installation (8 VID)																	
A4150	Outbound VTS field equipment installation (3 RFID + 3 Cameras)																	
A4170	Outbound TLS field equipment installation (4 TLS)																	
A4180	Outbound VID, VTS and TLS field equipment tuning																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and CUE																		
A3810	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between Inbd Cargo Exam Bldg (037) and Inbd Vehicle Clea																		
A3830	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Car Exam Bldg (023)																		
A3850	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting Between Outbd Cargo Exam Bldg (023) and Outbd Vehicle C																		
A3870	Cable Laying and termination (note: Access Date by C03)																	
Underground Ducting between CUE and Outbd Vehicle Clearance Plaza																		
A3890	Cable Laying and termination (note: Access Date by C03)																	
On-Site Test and Commissioning (Phase 1 / Section I)																		
A2150	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																	
A2151	Engineer Approval for T&C Document																	
A2152	Joint Site Inspection for Permanent Power/Tele-communication for Initial on-site testing																	
A2153	Initial on-site Testing & Commissioning																	
Site Acceptance Test (Phase 1 / Section I)																		
A6601	Interface Readiness CED(LBS, CED IT, Metro-Ethernet) and IMMD (AVS)																	
A6602	SAT for AVCSS																	
A6603	SAT for Location 18 (AVCSS SURCON and 55" LCD)																	
A6630	SAT Test Document Submission																	
A6640	Software Manual Documentations Submission																	
Security Risk Assessment and Audit																		
A6800	SRAA (Assessment)																	
A6810	Fix per SRAA Assessment																	
A6820	SRAA Audit																	
Operability Period Test (Phase 1 / Section I)																		
A5610	Joint Site Inspection for utilities, telecom connection and metro ethernet for OPT																	
A5620	Operability Period Test (OPT) Phase 1																	
A5650	Operability Period Test (OPT) Phase 2																	
Completion (Phase 1 /Section I)																		
A2230	AVCSS - Certificate of Completion (Phase 1/Section I)																	
A2231	Certificate of Completion Approval by Engineer																	
Training and Document (Phase 1 /Section I)																		
A2180	Training Materials & Documentation Submission																	
A2190	Operation and Maintenance Training																	
Operation (Phase 1 /Section I)																		
A2240	Site Operation (Phase 1/Section I)																	
Engineering Support for Phase 1 / Section I																		

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Activity ID	Activity Name	2015		2016				2017				2018				2019	
		Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
A4420	Engineering Support for Phase 1/Section I																
Procurement - Phase 2 / Section II																	
A3980	Procurement of Lane Field Equipment for Phase 2/Section II																
Delivery and Bench Acceptance Test for Phase 2/Section II																	
A6760	Material On-site for Phase 2/Section II																
A6770	Bench Acceptance Test for Phase 2/Section II																
Instatllation - Phase 2 / Section II																	
Location 8(Inbd Pricate Car Annex (025)) (Phase 2)																	
A4090	Site Preparation																
A4091	Cable Containment in Kiosks																
A4093	Cable Laying and termination																
A4094	Cable Splicing, Testing and Labeling																
A4096	Mobilization of kiosk equipment																
A4100	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4430	Inbd Private Car Annex Installation Complete																
Location 9(Outbd Private Car Annex (032)) (Phase 2)																	
A4151	Site Preparation																
A4152	Cable Containment in Kiosks																
A4153	Cable Laying and termination																
A4154	Cable Splicing, Testing and Labeling																
A4156	Mobilization of kiosk equipment																
A4160	AVCSS/DOH/MOM Kiosk Equipment Installation (1 no)																
A4440	Outbd Private Car Annex Installation Complete																
Test and Commissioning (Phase 2 / Section II)																	
A2290	Testing & Commissioning Documents Submission																
A2291	Engineer Approval for T&C Document																
A2292	Initial on-site Testing & Commissioning																
A2300	Site Acceptance Tests (SAT)																
A2310	Operability Period Test (OPT)																
Completion (Phase 2 / Section II)																	
A2320	AVCSS - Certificate of Completion (Phase 2/Section II)																
A4320	Certificate of Completion Approval by Engineer																
Engineering Support for Phase 2 / Section II																	
A4450	Engineering Support for Phase 2/Section II																
Procurement for Phase2 / Section III																	
A4000	Procurement of Lane Field Equipment for Phase 2/Section III																
Delivery and Bench Acceptance Test for Phase2 / Section III																	
A6780	Material On-site for Phase 2/Section III																
A6790	Bench Acceptance Test for Phase 2/Section III																
Installation - Phase 2 / Section III																	
Location 10,11,12,13 (Vehicle Clearance Kiosks)																	
Shuttle Bus Kiosks (006) - 4 nos (Phase 2)																	
A2622	Cable Containment																

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A2623	Cable Laying and termination																
A2630	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4460	Shuttle Bus Kiosks Installation Complete																
Outbd Coach Kiosks (009) - 4 nos (Phase 2)																	
A2662	Cable Containment																
A2663	Cable Laying and termination																
A2670	AVCSS/DOH/MOM Kiosk Equipment Installation (4 nos)																
A4470	Outbd Coach Kiosks Installation Complete																
Inbd Private Car Kiosks (027) - 12 nos (Phase 2)																	
A2742	Cable Containment																
A2743	Cable Laying and termination																
A2744	Cable Splicing, Testing and Labeling																
A2750	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A2760	Kiosk Equipment Configuration (12 nos)																
A4490	Inbd Private Car Kiosks Installation Complete																
Outbd Private Car Kiosks (030) - 12 nos (Phase 2)																	
A2782	Cable Containment																
A2783	Cable Laying and termination																
A2784	Cable Splicing, Testing and Labeling																
A2790	AVCSS/DOH/MOM Kiosk Equipment Installation (12 nos)																
A4500	Outbd Private Car Kiosks Installation Complete																
Inbd Goods Vehicle Kiosks (028) - 3 nos (Phase 2)																	
A2822	Cable Containment																
A2823	Cable Laying and termination																
A2825	Kiosk Equipment Configuration (3 nos)																
A2830	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4510	Inbd Goods Vehicle Kiosks Installation Complete																
Outbd Goods Vehicle Kiosks (029) - 3 nos (Phase 2)																	
A2862	Cable Containment																
A2863	Cable Laying and termination																
A2865	Cable Splicing, Testing and Labeling																
A2870	AVCSS/DOH/MOM Kiosk Equipment Installation (3 nos)																
A4520	Outbd Goods Vehicle Kiosks Installation Complete																
Inbd Coach Kiosks (010) - 4 nos (Phase 2)																	
A2702	Cable Containment																
A2703	Cable Laying and termination																
A2705	Kiosk Equipment Configuration (4 nos)																
A2710	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A2720	AVCSS/DOH/MOM Kiosk Equipment Installation (2 nos)																
A4480	Inbd Coach Kiosks Installation Complete																
Underground Ducting between CUE and Shuttle Bus Kiosk (006)																	
A3970	Cable Laying and termination (note: Access Date by C03)																
Underground Ducting between PCB(001) and Inbd Coach Kiosks(010)																	
A3930	Cable Laying and termination (note: Access Date by C03)																
Test and Commissioning (Phase 2 / Section III)																	

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A2370	Testing & Commissioning Documents Submission (8 weeks before Testings carried out)																	
A2371	Engineer Approval for T&C Document																	
A2373	Initial on-site Testing & Commissioning																	
A2380	Site Acceptance Test (SAT)																	
A2390	Operation Acceptance Test (OPT)																	
Completion (Phase 2 / Section III)																		
A2400	AVCSS - Certificate of Completion (Phase 2/Section III)																	
A4330	Certificate of Completion Approval by Enginner																	
Operation (Phase 2 / Section III)																		
A2420	Site Operation (Phase 2/Section II & III)																	
Defect Liability Period (DLP)																		
A2430	DLP																	
Document Submission (Phase 2 / Section III)																		
A4340	As-built Drawings and O&M Manual																	

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