



Development at West Kowloon Cultural District

Quarterly Environmental Monitoring and Audit
(EM&A) Report (Aug 2016 - Oct 2016)

November 2016

20/F AIA Kowloon Tower
Landmark East
100 How Ming Street
Kwun Tong
Kowloon
Hong Kong

T +852 2828 5757
F +852 2827 1823
mottmac.hk

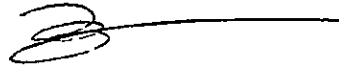
Development at West Kowloon Cultural District

Quarterly Environmental Monitoring and Audit
(EM&A) Report (Aug 2016 - Oct 2016)

November 2016

This Quarterly EM&A Report has been reviewed and certified by the Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



Brian Tam
Environmental Team Leader (ETL)
West Kowloon Cultural District Authority

Date

29 Nov 2016

Verified by:



Fredrick Leong
Independent Environmental Checker (IEC)
Meinhardt Infrastructure & Environment Ltd

Date

30 Nov. 16

Contents

Executive summary	1
1 Introduction	2
1.1 Background	2
1.2 Project Organisation	2
1.3 Environmental Status in the Reporting Period	2
2 Summary of EM&A Requirements	4
2.1 Monitoring Requirements	4
2.2 Environmental Mitigation Measures	4
3 Summary of EM&A Monitoring Results	5
3.1 Monitoring Data	5
3.2 Monitoring Exceedances	5
3.2.1 1-hour TSP Monitoring	5
3.2.2 24-hour TSP Monitoring	5
3.2.3 Construction Noise Monitoring	6
3.2.4 Landscape and Visual Monitoring	6
4 Waste Management	7
4.1 M+ Museum	7
4.2 Lyric Theatre Complex	7
5 Environmental Non-conformance	8
6 Comments, Recommendations and Conclusion	9
6.1 Comments	9
6.2 Recommendations	9
6.3 Conclusion	9
Figure 1 Site Layout Plan and Monitoring Stations	10
Appendices	11
A. Project Organisation	12

B. Construction Programme	13
C. Environmental Mitigation Measures – Implementation Status	14
D. Meteorological Data Extracted from Hong Kong Observatory	15
E. Graphical Plots of the Monitoring Results	16
F. Waste Flow table	17
G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions	18

Executive summary

This Quarterly EM&A Report presents the monitoring works at both the main works of M+ Museum from 1 August to 31 October 2016 and foundation works of Lyric Theatre Complex conducted from 1 August to 31 October 2016.

The impact stage EM&A programme for the Project includes air quality, noise, water quality, waste, landscape and visual monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.

The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the environmental monitoring and audit works that adequate environmental mitigation measures have been implemented by the foundation works contractor where appropriate in the reporting quarter.

Exceedance of Action and Limit Levels

There was no breach of Action or Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

Implementation of Mitigation Measures

Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractors in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix C**.

Landscape and visual impact inspections were conducted as part of the abovementioned weekly site inspections during the reporting quarter. No adverse comment on landscape and visual aspects was made during these inspections.

EPD site inspection with Contractor was conducted on 1, 2 and 18 August 2016 at M+ Museum and the EPD inspectors were satisfied with the quality of effluent.

EPD site inspection with Contractor was conducted on 6 October 2016 at Lyric Theatre Complex. No malpractice was found and no adverse comments were received.

Record of Complaints

No environmental complaint was recorded in the reporting quarter.

Record of Notification of Summons and Successful Prosecutions

No notification of summons and successful prosecution were recorded in the reporting quarter.

1 Introduction

1.1 Background

Mott MacDonald Hong Kong Limited (MMHK) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction of M+ Museum Main Works (Contract No.: CC/2015/3A/022) and Lyric Theatre Complex Foundation Works (Contract No.: CC/2015/3A/014) at West Kowloon Cultural District (WKCD) (The Project) as part of the WKCD development. The Project Proponent is the West Kowloon Cultural District Authority (WKCDA). The construction works and EM&A programme for M+ Museum and Lyric Theatre Complex commenced on 31 October 2015 and 1 March 2016 respectively.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 3 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary also falls under this same category.

The M+ museum development aims to provide an iconic presence for the M+ museum, semi-transparent vertical plane, housing education facilities, a public restaurant and museum offices. At ground and lower levels, generous access will be provided to the park and other West Kowloon Cultural District facilities, alongside a public resource centre, theatres, retail and dining, and back-of-house functions.

The 1,200-seat Lyric Theatre Complex will be Hong Kong’s first world-class facility for dance performances, including ballet, contemporary and Chinese dance forms. In the run up to the opening of further major performing arts venues in the WKCD, it will also be used for a wide variety of performing arts events including drama, opera and musical performances. The Lyric Theatre Complex will act as a platform for Hong Kong’s leading arts organisations, and be a new major venue to show programmes from Asia and worldwide.

The Quarterly EM&A Report is prepared in accordance with the Clause 3.4 of the Environmental Permit No. EP-453/2013/B. This Quarterly EM&A Report presents the monitoring works conducted from 1 August to 31 October 2016. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

1.3 Environmental Status in the Reporting Period

During the reporting period, construction works at M+ Museum undertaken include:

- Excavation
- Construction of composite columns

- Construction of slab
- Construction of pile caps
- Construction of columns & walls
- Construction of sump pits
- Construction of basement structure
- Construction of transformer room, LV switch room and water tank

During the reporting period, construction works at Lyric Theatre Complex undertaken include:

- H-Pile Construction
- Bored Pile Construction
- Excavation and lateral support

The Construction Works Programme of the Project is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**.

2 Summary of EM&A Requirements

2.1 Monitoring Requirements

In accordance with the EM&A Manual, environmental parameters including air quality, noise, landscape and visual have been monitored. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 2.1**. Locations of the monitoring stations are provided in **Figure 1**.

Table 2.1: Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies	Action level	Limit level
Air Quality	24-Hour TSP	AM1 - International Commerce Centre	At least once every 6 days	143.6 µg/m ³	260 µg/m ³
	1-Hour TSP	AM1 - International Commerce Centre	At least 3 times every 6 days	273.7 µg/m ³	500 µg/m ³
	24-Hour TSP	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least once every 6 days	151.1 µg/m ³	260 µg/m ³
	1-Hour TSP	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least 3 times every 6 days	274.2 µg/m ³	500 µg/m ³
Noise	Leq, 30 minutes	NM1- Podium level of The Harbourside Tower 1	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly	N/A	N/A

Given that the Project covers only a small part of the whole WKCD area (i.e. M+ Museum, Lyric Theatre Complex and respective portions of underpass road), it was proposed that the EM&A programme for the Project should only require 1 noise monitoring station and 2 air quality monitoring stations located closest to the Project area. Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring stations AM1, AM2 were set up. However, the electricity supply at AM2 was suspended from 31 August 2016 and was no longer available. In order to have a more secure electricity supply, an alternative air monitoring location (AM2A) was identified at Austin Road West opposite to The Harbourside Tower 1, which is close to Lyric Theatre Complex site entrance. This alternative air monitoring location was approved by EPD on 28 September 2016. Approval from the management office of the International Commerce Centre has been granted on 29 February 2016 for conducting noise monitoring at the alternative noise monitoring location identified at the podium floor (NM1A) which is free from screening to the construction activities. Therefore, 2 air quality monitoring stations and 1 noise impact monitoring station were confirmed for the impact monitoring.

2.2 Environmental Mitigation Measures

Environmental mitigation measures have been recommended in the EM&A Manual. Summary of implementation status of the environmental mitigation measures is provided in **Appendix C**.

3 Summary of EM&A Monitoring Results

3.1 Monitoring Data

In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and presented in **Appendix D**. Monitoring data with graphical presentation for the reporting quarter are shown in **Appendix E**. A summary on the monitoring results are presented in **Table 3.1**.

Table 3.1: Summary of Monitoring Data

Parameter	Monitoring Location	Minimum	Maximum	Average
Air Quality				
1 hour TSP	AM1	49	102	65
1 hour TSP	AM2A	54	103	71
24 hour TSP	AM1	43	60	50
24 hour TSP	AM2A	43	84	58
Construction Noise				
Leq(30min)	NM1A	68.3	71.5	69.4

Remarks:

- 1-hr and 24-hr TSP impact monitoring was conducted at AM2 station during the reporting month of August 2016.
- 1-hr and 24-hr TSP impact monitoring has been relocated to conduct at AM2A station starting from the reporting month of September 2016.
- 24-hr TSP impact monitoring at AM2 station on 31 August 2016 and at AM2A station on 6 September 2016 was suspended due to electricity issue.

3.2 Monitoring Exceedances

Summary of the exceedances in the reporting quarter is tabulated in **Table 3.2**.

Table 3.2: Summary of Exceedances

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AM1	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM2A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
Construction Noise				
NM1A	Leq(30min)	0	0	N/A

3.2.1 1-hour TSP Monitoring

All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

3.2.2 24-hour TSP Monitoring

All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

3.2.3 Construction Noise Monitoring

All construction noise monitoring was conducted as scheduled in the reporting quarter. No Action/Limit Level exceedance was recorded.

3.2.4 Landscape and Visual Monitoring

All landscape and visual impact inspections were conducted as scheduled in the reporting quarter. No adverse comment on landscape and visual aspects was recorded.

4 Waste Management

4.1 M+ Museum

As advised by the Contractor, 1,053.7 tons and 2,819.3 tons of inert C&D material were disposed of as public fill to Tuen Mun Area 38 and Tseung Kwan O Area 137 respectively, while 321.0 tons of general refuse was disposed of at SENT landfill. 298.5 tons of metals, 0.7 tons of paper/cardboard packaging, 0 ton of plastic and 157.5 tons of timber were collected by recycling contractors in the reporting quarter. 0 ton of inert C&D materials was reused on site. 18,576.0 tons of inert C&D materials was reused in other projects. 0.2 tons of chemical wastes was collected by licensed contractors in the reporting quarter.

The actual amounts of different types of waste generated by the activities of construction works at M+ Museum in the reporting quarter are shown in **Appendix F**.

4.2 Lyric Theatre Complex

As advised by the Contractor, 10,692.2 tons and 30,487.9 tons of inert C&D material were disposed of as public fill to Tuen Mun Area 38 and Tseung Kwan O Area 137 respectively, while 38.7 tons of general refuse was disposed of at SENT landfill. 140.7 tons of metals, 0.2 tons of paper/cardboard packaging, 1.5 tons of plastic and 0 ton of timber were collected by recycling contractors in the reporting quarter. 0 ton of inert C&D materials was reused on site. 0 ton of inert C&D materials was reused in other projects. 1.6 tons of chemical wastes was collected by licensed contractors in the reporting quarter.

The actual amounts of different types of waste generated by the activities of construction works at Lyric Theatre Complex in the reporting quarter are shown in **Appendix F**.

5 Environmental Non-conformance

For this reporting quarter, no environmental complaints, non-compliance and environmental related prosecution or notification of summons was received. There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting month.

There was one environmental complaint referred from EPD on 13 July 2016 in the last reporting quarter. The complaint was handled in accordance with the EM&A Manual and relevant parties including the Engineer's Representative and IEC were informed of the complaint.

The complainant claimed that muddy water was generated from the WKCDA construction sites and discharged to the harbour, and yellowish muddy water can be seen discharging to the Victoria Harbour via the drainage reserve outfall.

The investigation results revealed that all wastewater treatment facilities were in place for treating all site runoff and wastewater generated from the construction activities during the concerned period. No muddy water was found during daily discharge water quality checking. Therefore, the muddy water discharged to the harbour was unlikely to be from works associated with M+ Museum and Lyric Theatre Complex. Nonetheless, the contractors were reminded to strictly implement mitigation measures to ensure the water discharge complies with the standards as stipulated in the discharge license.

The cumulative statistics on complaints, notifications of summons and successful prosecutions were provided in **Appendix G**.

6 Comments, Recommendations and Conclusion

6.1 Comments

Based on the observations made during site audits and landscape inspections, and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise limits were recorded.

6.2 Recommendations

Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

6.3 Conclusion

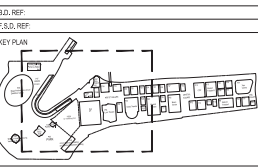
The EM&A programme as recommended in the EM&A Manual has been undertaken since the construction works of M+ Museum main works commenced on 31 October 2015, and the construction of Lyric Theatre Complex foundation works commenced on 1 March 2016.

Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP, noise level (as Leq, 30 minutes) under monitoring have been checked against established Action and Limit levels. There was no breach of Action and Limit Levels for 1-hour TSP, 24-hour TSP and noise in the reporting quarter.

No environmental complaints and no notifications of summons or successful prosecution were received during the reporting quarter.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting quarter as required. It was observed that the Contractor had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

Figure 1 Site Layout Plan and Monitoring Stations



- NOTES
- WKCD BOUNDARY
 - M+ MUSEUM BOUNDARY
 - LYRIC THEATRE BOUNDARY
 - BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD
 - CONSTRUCTION AIR/NOISE MONITORING STATION

Remarks:
1-hr and 24-hr TSP impact monitoring have been relocated from AM2 to AM2A station from the reporting month of September 2016.

REV.	DATE	DESCRIPTION	INITIAL

JOB TITLE
M+ MUSEUM FOR VISUAL CULTURE (MAIN CONTRACT WORKS) & LYRIC THEATRE COMPLEX

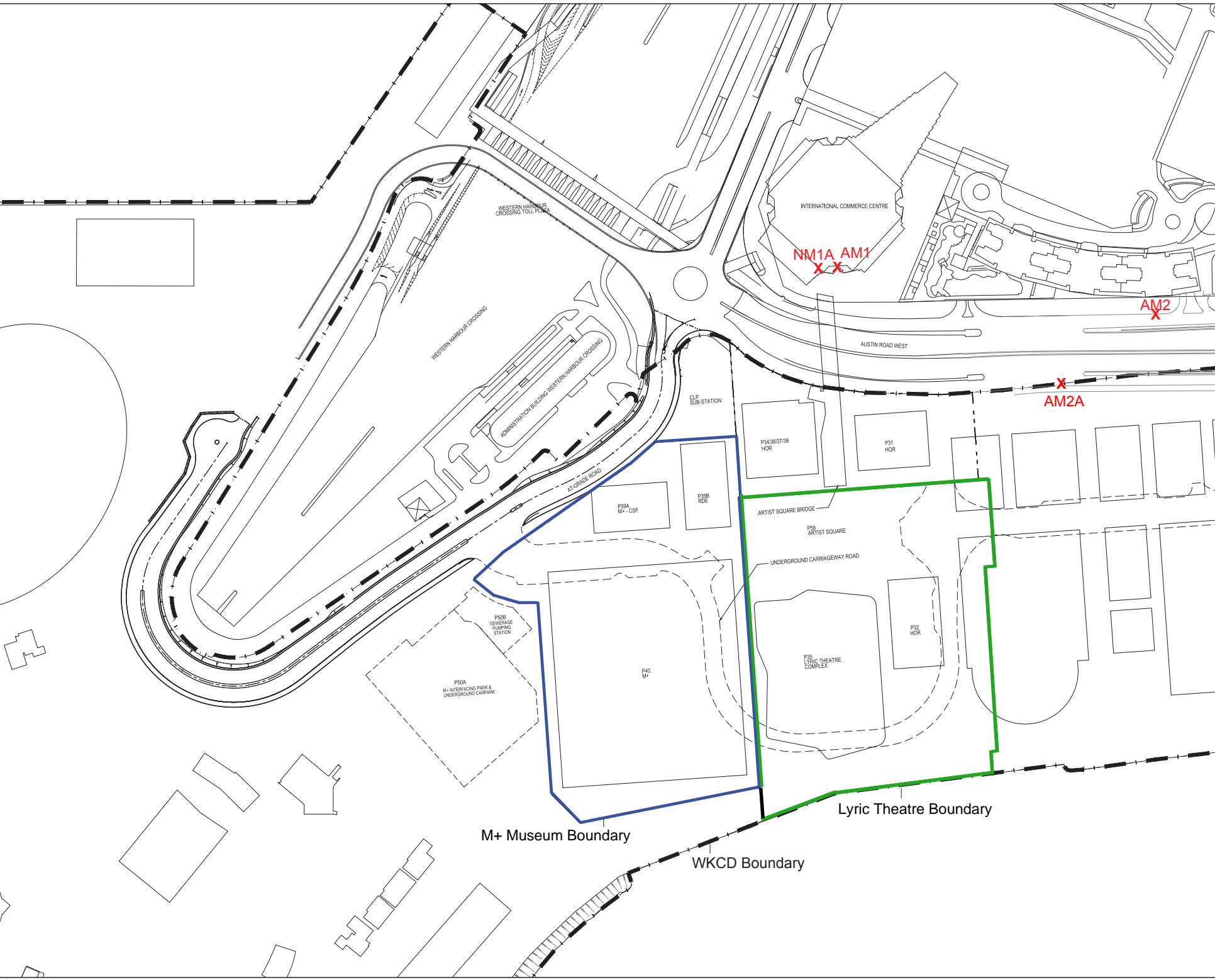
DRAWING TITLE
PROPOSED LOCATIONS OF CONSTRUCTION AIR/NOISE MONITORING STATIONS

SCALE	1:100	PRINTED	A1
CHECKED		DATE	
APPROVED		DATE	
DRAWN	TY	DATE	16-10-2015
CONTRACT NO.			

DRAWING NO. **FIGURE 1** REV. **XA**

CAD REF NAME: XXXXX\AUT-PMS-DWG-POU\02-000-000-XXX.dwg

westKowloon
西九文化區



Appendices

- A. Project Organisation
- B. Construction Programme
- C. Environmental Mitigation Measures – Implementation Status
- D. Meteorological Data Extracted from Hong Kong Observatory
- E. Graphical Plots of the Monitoring Results
- F. Waste Flow table
- G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

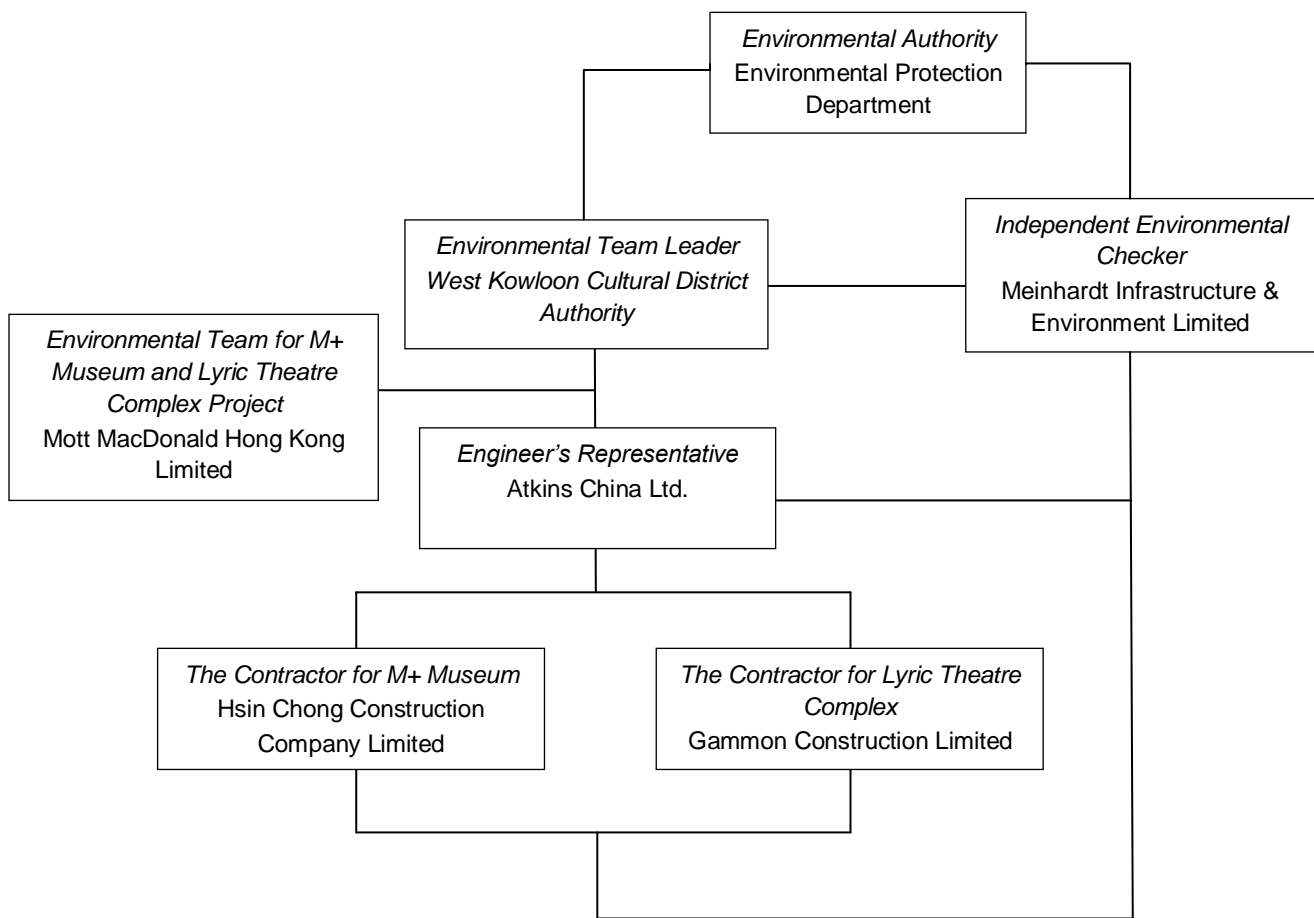


Table A-1: Contact information

Company Name	Role	Name	Telephone
Atkins China Ltd.	Senior Resident Engineer	Mr. Alfred Lee	5401 7289
Meinhardt Infrastructure & Environment Limited	IEC	Mr. Fredrick Leong	2859 1739
Hsin Chong Construction Company Limited	Environmental Manager	Mr. Leo Chow	9266 6855
Gammon Construction Limited	Environmental Manager	Ms. Michelle Tang	9267 8866
Mott MacDonald Hong Kong Ltd.	Contractor's Environmental Team Leader	Mr Brandon Wong	2828 5875
West kowloon Cultural District Authority	Senior Environmental Specialist	Mr. Brian Tam	2200 0059

B. Construction Programme

M+ Museum

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016					
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06			
3MRP Three Months Rolling Programme Update (31 July 2016)																															
Contract Key Dates & Milestones																															
Contract Dates																															
CP02	Contract Period (1218 days)	1216	26-Sep-15	23-Jan-19	26-Sep-15 A	25-Jan-19	25%	-2	0																						
Schedule of Milestones																															
Cost Centre A - Preliminaries and General Requirements																															
MSA.07	Compliance Review to the CA's satisfaction on Project Time & Construct	0		30-Sep-16		30-Sep-16	0%	0	6														⚡ Compliance Review to the CA's s								
Cost Centre B - M+																															
MSB.04	Complete Pile Caps for Trusses 1, 2 & 5 (t=M9)	0		31-Aug-16		31-Aug-16	0%	0	30														⚡ Complete Pile Caps for Trusses 1, 2 & 5 (t=M9), Comple								
MSB.05	Complete all Columns, Structural Cores and other work necessary for Tr	0		30-Sep-16		30-Sep-16	0%	0	29														⚡ Complete all Columns, Structural								
MSB.03	Complete Excavation to 100% of Overall Volume of Bulk Excavation Mat	0		30-Sep-16		30-Sep-16	0%	0	29														⚡ Complete Excavation to 100% of								
Cost Centre C - Public Works and Tunnel Protection Works																															
MSC.01	Obtain Notice of No Objection from Contract Administrator for all Truss S	0		31-Aug-16		31-Aug-16	0%	0	30														⚡ Obtain Notice of No Objection from Contract Administrator								
MSC.03	Complete Pile Caps for Trusses 1, 2 & 5 (t=M9)	0		31-Aug-16		31-Aug-16	0%	0	30														⚡ Complete Pile Caps for Trusses 1, 2 & 5 (t=M9), Comple								
MSC.02	First delivery of major Truss Steelwork elements to the Site for Trusses (0		30-Sep-16		30-Sep-16	0%	0	29														⚡ First delivery of major Truss Steel								
MSC.04i	Complete of all work necessary for commencement of erection of steelw	0		30-Sep-16		30-Sep-16	0%	0	29														⚡ Complete of all work necessary f								
MSC.04ii	Complete all Columns, Structural Cores and other work necessary for Tr	0		30-Sep-16		30-Sep-16	0%	0	29														⚡ Complete all Columns, Structural								
Interface Dates																															
Access Date																															
AD1420	M45 - At-grade Road Footpath along M+ Basement (from PIW) (01Jun2	0	11-Aug-16		11-Aug-16		0%	0	363														⚡ M45 - At-grade Road Footpath along M+ Basement (from PIW) (01Jun20								
AD1410	M44 - At-grade Road Footpath at ICP / SPS Frontage (from PIW) (01Jun	0	11-Aug-16		11-Aug-16		0%	0	406														⚡ M44 - At-grade Road Footpath at ICP / SPS Frontage (from PIW) (01Jun2								
AD1350	M39 - Lyric Waterfront / through ESS Compound (Subject to Gov't Appr	0	31-Aug-16		31-Aug-16		0%	0	542														⚡ M39 - Lyric Waterfront / through ESS Compound (Subjec								
AD1340	M38 - Lyric Waterfront (Part of MTR Area A1) (from Lyric) (31Aug2016)	0	31-Aug-16		31-Aug-16		0%	0	542														⚡ M38 - Lyric Waterfront (Part of MTR Area A1) (from Lyric								
AD1380	M42 - Lyric Waterfront East of Barging Point	0	01-Oct-16		01-Oct-16		0%	0	592														⚡ M42 - Lyric Waterfront East of B								
AD1370	M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3) (Following I	0	01-Oct-16		01-Oct-16		0%	0	592														⚡ M41 - Lyric Waterfront at Bargin								
AD1110	M12 - Lyric Interface North (2nd access) (30Nov16)	0	16-Oct-16		16-Oct-16		0%	0	67														⚡ M12 - Lyric Interfac								
Interface Schedule (Refer to Interface Schedule - Appendix D1 20-Nov-2015)																															
Lyric Theatre Complex and Extended Basement (Lyric)																															
Along Interface North of AEL																															
IF1020	Complete excavation north of AEL for B2/F slab and vacate M12	0		25-Aug-16		25-Aug-16	0%	0	67														⚡ Complete excavation north of AEL for B2/F slab and vacate M								
IF1060	Take possession of M12 for external wall construction	0	22-Oct-16		22-Oct-16		0%	0	61														⚡ Take possessio								
Along Interface South of AEL																															
IF1050	Take possession of M38 and M39	0	31-Aug-16		31-Aug-16		0%	0	542														⚡ Take possession of M38 and M39, Take possession of M3								
DCS Basement Area																															
IF1030	Take possession of M15 and M16 after pipe piles and grouting by Lyric C	0	22-Aug-16		22-Aug-16*		0%	0	0														⚡ Take possession of M15 and M16 after pipe piles and grouting by								
Grid 6 & 12 Area																															
IF1036	Complete PC109 & Basement Road Wall between PC109 & 116 to G/F L	0		25-Aug-16		25-Aug-16	0%	0	883														⚡ Complete PC109 & Basement Road Wall between PC109 & 1								
IF1039	Complete Basement Road Wall between PC96, 103 & 105 to G/F Level	0		03-Oct-16		03-Oct-16	0%	0	844														⚡ Complete Basement Road Wa								
IF1034	Complete External Wall from B1/F to G/F Level between Grid 6 & 12 (M1	0		01-Nov-16		01-Nov-16	0%	0	815														⚡ Compl								
PIW Phase 1																															
Civil & Structural Interface with PIW At-Grade Road																															

- ◆ Baseline Milestone
- Primary Baseline
- ◆ Milestone
- Non-Critical
- Critical Bar
- Actual Work

West Kowloon Cultural District Authority

3MRP-10 Three Months Rolling Programme Status at 31 July 2016



CMWP-10			
Date	Revision	Che...	Approved
06-Apr-16	CMWP Monthly Update Status at 31 Mar 2016	Jojo	Ricky Lau / Chris Ch...
06-May-16	CMWP Monthly Update Status at 30 April 2016	Jojo	Ricky Lau / Chris Ch...
08-Jun-16	CMWP Monthly Update Status at 31 May 2016	Jojo	Ricky Lau / Chris Ch...
14-Jul-16	CMWP Monthly Update Status at 30 June 2016	Jojo	Ricky Lau / Chris Ch...
08-Aug-16	CMWP Monthly Update Status at 31 July 2016	Jojo	Ricky Lau / Chris Ch...

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016					August 2016					September 2016					October 2016					November 2016		
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06				
M+ North West Boundary																																
IF2090	Take possession of the At-grade road footway within M45	0	11-Aug-16		11-Aug-16		0%	0	644	⚡ Take possession of the At-grade road footway within M45, Take possession of																						
IF2095	Submit Hoarding Design for BD Approval	30	11-Aug-16	09-Sep-16	11-Aug-16	09-Sep-16	0%	0	644	IF2095, Submit Hoarding Design for BD Approval																						
Interface Car Park Utilities Works																																
IF2190	Complete pavement interface with At-grade road	10	30-Aug-16	13-Sep-16	30-Aug-16	13-Sep-16	0%	0	85	IF2190, Complete pavement interface with At																						
IF2200	Remove hoarding along footway & vacate footway	5	15-Sep-16	22-Sep-16	15-Sep-16	22-Sep-16	0%	0	85	IF2200, Remove hoarding along footwa																						
IF2180	Construct U/G utilities connections from footway to ICP/SPS	70	30-Jun-16	17-Oct-16	06-Jun-16 A	29-Aug-16	50%	30	85	IF2180, Construct																						
Sewage Pump Station																																
IF2290	Construction of SPS incl. ELS, Structure, T&C	361	19-May-16	16-Oct-17	20-May-16 A	28-Sep-17	10%	11	-62																							
Drainage Interface with PIW																																
IF2310	PIW take possession of M26, M04 (by others)	0	18-Nov-16		18-Nov-16		0%	0	710																							
IF2320	Construct the DN150 storm drain within At-grade Road (M26)	72	18-Nov-16	16-Feb-17	18-Nov-16	16-Feb-17	0%	0	509																							
Water Main Interface with PIW																																
IF2370	Take possession of At-grade road within Portion M45	0	11-Aug-16		11-Aug-16		0%	0	858	⚡ Take possession of At-grade road within Portion M45, Take possession of																						
IF2380	Remove hoarding fixed to the sheet pile	5	11-Aug-16	16-Aug-16	11-Aug-16	16-Aug-16	0%	0	619	IF2380; Remove hoarding fixed to the sheet pile																						
IF2390	Install hoarding on road-side edge of footway (500mm clearance from c	12	18-Aug-16	03-Sep-16	18-Aug-16	03-Sep-16	0%	0	619	IF2390, Install hoarding on road-side edge of footway																						
IF2400	Construct two DN150 DI fresh water, and one DN100 DI salt water pipe	12	05-Sep-16	22-Sep-16	05-Sep-16	22-Sep-16	0%	0	619	IF2400, Construct two DN150 DI fresh																						
IF2410	Pressure test, Remove blank flange and make final connections (by WSI	1	23-Sep-16	23-Sep-16	23-Sep-16	23-Sep-16	0%	0	619	IF2410, Pressure test; Remove blank																						
IF2420	Backfill pipes to the footway formation levels	1	24-Sep-16	24-Sep-16	24-Sep-16	24-Sep-16	0%	0	619	IF2420, Backfill pipes to the footway																						
IF2430	Complete WSD works for At-grade road (8Jul17)	0		24-Sep-16		24-Sep-16	0%	0	853	Complete WSD works for At-grade roa																						
Towngas Interface with PIW																																
IF2440	Take possession of At-grade road within Portion M44	0	11-Aug-16		11-Aug-16		0%	0	712	⚡ Take possession of At-grade road within Portion M44, Take possession of																						
IF2450	Trench excavation for gas pipe installation	5	11-Aug-16	16-Aug-16	11-Aug-16	16-Aug-16	0%	0	514	IF2450; Trench excavation for gas pipe installation																						
IF2460	Construct portion of M+ & RDE building gas main (by Towngas)	130	18-Aug-16	09-Feb-17	18-Aug-16	09-Feb-17	0%	0	514																							
Power Interface with PIW																																
IF2230	Take possession of the completed At-grade road pavement in M44	0	11-Aug-16		11-Aug-16		0%	0	709	⚡ Take possession of the completed At-grade road pavement in M44, Take																						
IF2240	Excavate trenches for laying 11kV & 132kV cable by CLP	73	11-Aug-16	22-Nov-16	11-Aug-16	22-Nov-16	0%	0	512																							
IF2250	Backfilling footway to adjust ground level	5	24-Nov-16	29-Nov-16	24-Nov-16	29-Nov-16	0%	0	511																							
Telecoms Interface with PIW																																
IF2500	Take possession of the completed At-grade road pavement in M44	0	11-Aug-16		11-Aug-16		0%	0	406	⚡ Take possession of the completed At-grade road pavement in M44, Take																						
IF2510	Excavate trenches for laying telecom ducts	5	11-Aug-16	16-Aug-16	11-Aug-16	16-Aug-16	0%	0	291	IF2510; Excavate trenches for laying telecom ducts																						
IF2520	Lay ducts & leave connecting ends for PIW drawpit consstruction (agree	72	18-Aug-16	26-Nov-16	18-Aug-16	26-Nov-16	0%	0	291																							
IF2530	Backfilling footway to adjust ground level	5	28-Nov-16	02-Dec-16	28-Nov-16	02-Dec-16	0%	0	508																							
Sewerage Interface with PIW																																
IF4010	Construct the DN375 sewer drain within Austin Road West and its footw	50	29-Feb-16	03-May-16	05-Dec-15 A	29-Aug-16	90%	-77	636	IF4010, Construct the DN375 sewer drain within Austin R																						
IF4020	Vacate L08, L19 to Lyric foundation contractor	0		29-Aug-16		29-Aug-16	0%	0	879	⚡ Vacate L08, L19 to Lyric foundation contractor, Vacate L08																						
Seawater Intake & Discharge Pipes Interface with PIW																																
IF4100	Take Possession of M15,M16, M38 & M39	0	02-Sep-16		02-Sep-16		0%	0	395	⚡ Take Possession of M15,M16, M38 & M39, Take Posses																						
IF4110	Install two DN600 Seawater Intake mains, DN100 Chorinationand three	120	02-Sep-16	09-Feb-17	02-Sep-16	09-Feb-17	0%	0	395																							
Summary Facade Programme																																
Major Key Milestone Dates																																
SMS.1010	Start of Embeds Installation at M+ Podium	0	08-Oct-16		08-Oct-16		0%	0	840	⚡ Start of Embeds Installatio																						
Pre-Construction, Procurements & Bulk Production																																
SUM.0020	Facade - Shop Drawings	145	31-Mar-16	23-Sep-16	05-Mar-16 A	04-Nov-16	30%	-34	131	Facade - Shop Drawings																						
SUM.0025	Facade Door - Shop Drawings	98	08-Aug-16	03-Dec-16	08-Aug-16	03-Dec-16	0%	0	25																							
SUM.0050	Facade - Material Submission	205	31-Mar-16	05-Dec-16	22-Oct-15 A	29-Aug-16	70%	81	66	Facade - Material Submission, Facade - Material Submissio																						

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016						
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06				
Facade Door Package # 11: CSF Bldg (Total = 2 nos)																																
DS.2004.766	Facade Door Package # 11 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	39	DS.2004.766, Facade Door Package # 11 - 1st Submission																						
DS.2004.776	Facade Door Package # 11 - Comment on 1st Submission	12	17-Sep-16	30-Sep-16	17-Sep-16	30-Sep-16	0%	0	39	DS.2004.776, Facade Door Package # 11 - Comment on 1st Submission																						
DS.2004.786	Facade Door Package # 11 - 2nd Submission	11	03-Oct-16	15-Oct-16	03-Oct-16	15-Oct-16	0%	0	39	DS.2004.786, Facade Door Package # 11 - 2nd Submission																						
DS.2004.796	Facade Door Package # 11 - Comment on 2nd Submission	10	17-Oct-16	27-Oct-16	17-Oct-16	27-Oct-16	0%	0	39	DS.2004.796, Facade Door Package # 11 - Comment on 2nd Submission																						
DS.2004.806	Facade Door Package # 11 - 3rd Submission	6	28-Oct-16	03-Nov-16	28-Oct-16	03-Nov-16	0%	0	39	DS.2004.806, Facade Door Package # 11 - 3rd Submission																						
DS.2004.816	Facade Door Package # 11 - Approval	12	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	39	DS.2004.816, Facade Door Package # 11 - Approval																						
Facade Door Package # 12: B1/F Smoke Vent Panel (Total = 1 no)																																
DS.2004.826	Facade Door Package # 12 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	37	DS.2004.826, Facade Door Package # 12 - 1st Submission																						
DS.2004.836	Facade Door Package # 12 - Comment on 1st Submission	11	17-Sep-16	29-Sep-16	17-Sep-16	29-Sep-16	0%	0	37	DS.2004.836, Facade Door Package # 12 - Comment on 1st Submission																						
DS.2004.846	Facade Door Package # 12 - 2nd Submission	12	30-Sep-16	15-Oct-16	30-Sep-16	15-Oct-16	0%	0	37	DS.2004.846, Facade Door Package # 12 - 2nd Submission																						
DS.2004.856	Facade Door Package # 12 - Comment on 2nd Submission	12	17-Oct-16	29-Oct-16	17-Oct-16	29-Oct-16	0%	0	37	DS.2004.856, Facade Door Package # 12 - Comment on 2nd Submission																						
DS.2004.866	Facade Door Package # 12 - 3rd Submission	6	31-Oct-16	05-Nov-16	31-Oct-16	05-Nov-16	0%	0	37	DS.2004.866, Facade Door Package # 12 - 3rd Submission																						
DS.2004.876	Facade Door Package # 12 - Approval	12	07-Nov-16	19-Nov-16	07-Nov-16	19-Nov-16	0%	0	37	DS.2004.876, Facade Door Package # 12 - Approval																						
Embed BD Submission																																
M+ Podium																																
M+ Podium (B1/F) - Embed Submission																																
DS.2005.12	Preparation of BD Consent Application	5	14-Sep-16	20-Sep-16	14-Sep-16	20-Sep-16	0%	0	3	DS.2005.12, Preparation of BD Consent Application																						
DS.2005.10	BD Submission & Approval	60	11-Aug-16	09-Oct-16	16-Jul-16 A	13-Sep-16	30%	26	5	DS.2005.10, BD Submission & Approval																						
DS.2005.14	BD Consent Application	30	21-Sep-16	20-Oct-16	21-Sep-16	20-Oct-16	0%	0	3	DS.2005.14, BD Consent Application																						
M+ Podium (G/F to 3/F) - Embed Submission																																
DS.2005.22	RSC Submitted to BD	3	01-Aug-16	03-Aug-16	01-Aug-16	03-Aug-16	0%	0	24	DS.2005.22, RSC Submitted to BD																						
DS.2005.24	BD Submission & Approval	60	04-Aug-16	02-Oct-16	04-Aug-16	02-Oct-16	0%	0	28	DS.2005.24, BD Submission & Approval																						
DS.2005.26	Preparation of BD Consent Application	6	03-Oct-16	08-Oct-16	03-Oct-16	08-Oct-16	0%	0	23	DS.2005.26, Preparation of BD Consent Application																						
DS.2005.28	BD Consent Application	30	09-Oct-16	07-Nov-16	09-Oct-16	07-Nov-16	0%	0	29	DS.2005.28, BD Consent Application																						
M+ Tower																																
M+ Tower (4/F to RF/F) - Embed Submission																																
DS.2006.02	1st embed BD submission to Consultants	11	01-Aug-16	12-Aug-16	01-Aug-16	12-Aug-16	0%	0	63	DS.2006.02, 1st embed BD submission to Consultants																						
DS.2006.04	1st embed BD submission Comments	11	13-Aug-16	25-Aug-16	13-Aug-16	25-Aug-16	0%	0	63	DS.2006.04, 1st embed BD submission Comments																						
DS.2006.06	2nd embed BD submission to Consultants	6	26-Aug-16	01-Sep-16	26-Aug-16	01-Sep-16	0%	0	63	DS.2006.06, 2nd embed BD submission to Consultants																						
DS.2006.08	RSC Submitted to BD	3	02-Sep-16	06-Sep-16	02-Sep-16	06-Sep-16	0%	0	63	DS.2006.08, RSC Submitted to BD																						
DS.2006.10	BD Submission & Approval	60	06-Sep-16	05-Nov-16	06-Sep-16	05-Nov-16	0%	0	77	DS.2006.10, BD Submission & Approval																						
DS.2006.12	Preparation of BD Consent Application	6	05-Nov-16	11-Nov-16	05-Nov-16	11-Nov-16	0%	0	63	DS.2006.12, Preparation of BD Consent Application																						
DS.2006.14	BD Consent Application	30	12-Nov-16	11-Dec-16	12-Nov-16	11-Dec-16	0%	0	79	DS.2006.14, BD Consent Application																						
BD Submission, Consent & Approval																																
Tower Precast Unitized Facade																																
DS.2016.12	1st BD Submission to Consultant	10	15-Jul-16	27-Jul-16	05-Jun-16 A	12-Aug-16	60%	-14	58	DS.2016.12, 1st BD Submission to Consultant, 1st BD Submission to Consultant																						
DS.2016.14	Comment on 1st Submission	11	13-Aug-16	25-Aug-16	13-Aug-16	25-Aug-16	0%	0	58	DS.2016.14, Comment on 1st Submission																						
DS.2016.16	2nd Submission	10	26-Aug-16	06-Sep-16	26-Aug-16	06-Sep-16	0%	0	58	DS.2016.16, 2nd Submission																						
DS.2016.18	Comment on 2nd Submission	11	07-Sep-16	21-Sep-16	07-Sep-16	21-Sep-16	0%	0	58	DS.2016.18, Comment on 2nd Submission																						
DS.2016.20	3rd Submission	10	21-Sep-16	03-Oct-16	21-Sep-16	03-Oct-16	0%	0	58	DS.2016.20, 3rd Submission																						
DS.2016.22	Comment on 3rd Submission	12	04-Oct-16	18-Oct-16	04-Oct-16	18-Oct-16	0%	0	58	DS.2016.22, Comment on 3rd Submission																						
DS.2016.24	RSE Submitted to BD	4	19-Oct-16	22-Oct-16	19-Oct-16	22-Oct-16	0%	0	58	DS.2016.24, RSE Submitted to BD																						
DS.2016.26	BD Submission & Approval	60	23-Oct-16	21-Dec-16	23-Oct-16	21-Dec-16	0%	0	70	DS.2016.26, BD Submission & Approval																						
Podium Precast Unitized Facade																																
DS.2016.32	1st BD Submission to Consultant	9	08-Aug-16	17-Aug-16	08-Aug-16*	17-Aug-16	0%	0	115	DS.2016.32, 1st BD Submission to Consultant																						

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016	
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30
Shopdrawing Submission																											
DS.2021.116	Approval of Visual Mock Up Drawing	13	15-Jun-16	30-Jun-16	27-May-16 A	15-Aug-16	5%	-37	12	DS.2021.116, Approval of Visual Mock Up Drawing, Approval of Visual Mock Up Drawing																	
Ordering & Production of Hybrid Mock Up Mateial																											
DS.2021.118	Production of Steel Frame and Alum Cladding	30	16-May-16	20-Jun-16	02-Mar-16 A	03-Aug-16	90%	-36	25	DS.2021.118, Production of Steel Frame and Alum Cladding, Production of Steel Frame and Alum Cladding																	
Installation of Mock Up Sample																											
DS.2021.124	Installation of Steel Frame and Flashing	10	15-Aug-16	26-Aug-16	15-Aug-16	26-Aug-16	0%	0	12	DS.2021.124, Installation of Steel Frame and Flashing																	
DS.2021.126	Glazing	2	26-Aug-16	29-Aug-16	26-Aug-16	29-Aug-16	0%	0	12	DS.2021.126, Glazing																	
DS.2021.128	Application of Structural Sealant	2	29-Aug-16	30-Aug-16	29-Aug-16	30-Aug-16	0%	0	12	DS.2021.128, Application of Structural Sealant																	
DS.2021.98	Inspection & Approval of Visual Mock Up	10	02-Sep-16	13-Sep-16	02-Sep-16	13-Sep-16	0%	0	12	DS.2021.98, Inspection & Approval of Visual Mock Up																	
L3 Storefront,CW-08																											
Shopdrawing Submission																											
DS.2021.146	Approval of Visual Mock Up Drawing	13	15-Jun-16	30-Jun-16	11-May-16 A	04-Aug-16	50%	-28	140	DS.2021.146, Approval of Visual Mock Up Drawing, Approval of Visual Mock Up Drawing																	
Ordering & Production of Hybrid Mock Up Mateial																											
DS.2021.152	Production of Steel Frame and Alum Cladding	36	05-Apr-16	19-May-16	04-Mar-16 A	16-Aug-16	70%	-74	125	DS.2021.152, Production of Steel Frame and Alum Cladding, Production of Steel Frame and Alum Cladding																	
Installation of Mock Up Sample																											
DS.2021.158	Installation of Steel Frame and Flashing	6	17-Aug-16	23-Aug-16	17-Aug-16	23-Aug-16	0%	0	125	DS.2021.158, Installation of Steel Frame and Flashing																	
DS.2021.160	Install Glazing	2	23-Aug-16	25-Aug-16	23-Aug-16	25-Aug-16	0%	0	125	DS.2021.160, Install Glazing																	
DS.2021.162	Application of Structural Sealant	2	25-Aug-16	26-Aug-16	25-Aug-16	26-Aug-16	0%	0	125	DS.2021.162, Application of Structural Sealant																	
DS.2021.163	Inspection & Approval of Visual Mock Up	11	29-Aug-16	10-Sep-16	29-Aug-16	10-Sep-16	0%	0	125	DS.2021.163, Inspection & Approval of Visual Mock Up																	
Garden Galley Visual Mock Up,ce-03a,03c																											
Visual Mock Up Drawing Submission																											
DS.2021.172	Approval on Shop Drawings	10	01-Aug-16	11-Aug-16	01-Aug-16*	11-Aug-16	0%	0	110	DS.2021.172, Approval on Shop Drawings																	
DS.2021.174	Approval of Sample of Terracotta	4	09-Aug-16	12-Aug-16	09-Aug-16	12-Aug-16	0%	0	110	DS.2021.174, Approval of Sample of Terracotta																	
Terracotta																											
DS.2021.176	Production of Terracotta	24	16-Aug-16	12-Sep-16	16-Aug-16	12-Sep-16	0%	0	110	DS.2021.176, Production of Terracotta																	
DS.2021.178	Delivery of Terracotta to Precast Factory	1	24-Sep-16	24-Sep-16	24-Sep-16	24-Sep-16	0%	0	110	DS.2021.178, Delivery of Terracotta																	
Installation																											
DS.2021.187	Delivery of ceramic precast mullion to site	2	26-Sep-16	27-Sep-16	26-Sep-16	27-Sep-16	0%	0	110	DS.2021.187, Delivery of ceramic precast mullion to site																	
DS.2021.188	Installation of Terracotta on Mock-up	6	29-Sep-16	06-Oct-16	29-Sep-16	06-Oct-16	0%	0	110	DS.2021.188, Installation of Terracotta on Mock-up																	
Production Mock Up																											
Tower Precast Facade Panels w/ Percast Concrete , Terracotta, lighting & Curtain Wall																											
Tower Facade - Ordering & Production of Material																											
DS.2022.4	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	27-Oct-16	09-Nov-16	27-Oct-16*	09-Nov-16	0%	0	128	DS.2022.4, Sealant Ordering (Typical two weeks time, tailor made need three mont																	
Tower Facade - Glass Production & Fabrication																											
DS.2022.6	Coated Glass Production	48	27-Oct-16	22-Dec-16	27-Oct-16*	22-Dec-16	0%	0	68	DS.2022.6, Coated Glass Production																	
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																											
DS.2022.12	Die Making	21	27-Oct-16	19-Nov-16	27-Oct-16*	19-Nov-16	0%	0	84	DS.2022.12, Die Making																	
DS.2022.16	Aluminium Extrusion Production	12	23-Nov-16	06-Dec-16	23-Nov-16	06-Dec-16	0%	0	84	DS.2022.16, Aluminium Extrusion Production																	
DS.2022.14	PVF2 Paint Ordering	12	23-Nov-16	06-Dec-16	23-Nov-16	06-Dec-16	0%	0	84	DS.2022.14, PVF2 Paint Ordering																	
Tower Facade - Terracotta																											
DS.2022.22	Ordering of Terracotta	10	27-Oct-16	08-Nov-16	27-Oct-16	08-Nov-16	0%	0	94	DS.2022.22, Ordering of Terracotta																	
DS.2022.24	Die Making of Terracotta	45	08-Nov-16	03-Jan-17	08-Nov-16	03-Jan-17	0%	0	94	DS.2022.24, Die Making of Terracotta																	
DS.2022.26	Production & delivery of Terracotta Mockup Sample	45	22-Nov-16	17-Jan-17	22-Nov-16	17-Jan-17	0%	0	94	DS.2022.26, Production & delivery of Terracotta Mockup Sample																	
Tower Facade - Precast Concrete Facade																											
Tower Facade - Precast Facade Die Making																											
DS.2022.28	Tower Facade Precast Concrete Mould Making	45	27-Oct-16	17-Dec-16	27-Oct-16	17-Dec-16	0%	0	72	DS.2022.28, Tower Facade Precast Concrete Mould Making																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016	
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30
Podium Precast Facade Panel w/ Percast Concrete , Terracotta & Curtain Wall																											
Podium Facade - Ordering & Production of Material																											
Podium Facade - Glass Production & Fabrication																											
DS.2022.42	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	21-Oct-16	03-Nov-16	21-Oct-16*	03-Nov-16	0%	0	98																		DS.2
DS.2022.44	Coated Glass Production	48	21-Oct-16	15-Dec-16	21-Oct-16	15-Dec-16	0%	0	50																		
Podium Facade - Curtain Wall glazed panel production and Fabricatioin																											
DS.2022.46	PVF2 Paint Ordering	12	21-Oct-16	03-Nov-16	21-Oct-16	03-Nov-16	0%	0	93																		DS.2
DS.2022.48	Die Making	48	21-Oct-16	15-Dec-16	21-Oct-16	15-Dec-16	0%	0	45																		
Podium Facade - Terracotta																											
DS.2022.58	Ordering of Terracotta	10	09-Sep-16	21-Sep-16	09-Sep-16	21-Sep-16	0%	0	56																		DS.2022.58, Ordering of Terracotta
DS.2022.60	Die Making of Terracotta	45	22-Sep-16	05-Nov-16	22-Sep-16	05-Nov-16	0%	0	68																		DS.
DS.2022.62	Production & delivery of Terracotta Mockup Sample	48	06-Nov-16	23-Dec-16	06-Nov-16	23-Dec-16	0%	0	68																		
Podium Facade - Precast Concrete Facade																											
Podium Facade - Percast Facade Die Making																											
DS.2022.64	Percast Concrete Mould Making	45	21-Oct-16	04-Dec-16	21-Oct-16	04-Dec-16	0%	0	87																		
Kinked Glass Wall with T Mullion and reflective Glass at B1,CW-02b																											
Kinked Glass Wall with T Mullion - Ordering & Production of Material																											
Kinked Glass Wall with T Mullion - Glass Production & Fabrication																											
DS.2022.76	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	22-Sep-16	06-Oct-16	22-Sep-16*	06-Oct-16	0%	0	60																		DS.2022.76, Sealant Order
DS.2022.78	Coated Glass Production	48	14-Sep-16	11-Nov-16	14-Sep-16	11-Nov-16	0%	0	18																		
DS.2022.80	Fabrication of Insulated Glass Panel	12	12-Nov-16	25-Nov-16	12-Nov-16	25-Nov-16	0%	0	18																		
Kinked Glass Wall with T Mullion - Curtain Wall glazed panel production and Fabricatioin																											
DS.2022.84	PVF2 Paint Ordering	12	14-Sep-16	28-Sep-16	14-Sep-16	28-Sep-16	0%	0	60																		DS.2022.84, PVF2 Paint Ordering
DS.2022.86	Order of Paint	24	14-Sep-16	14-Oct-16	14-Sep-16	14-Oct-16	0%	0	48																		DS.2022.86, Order o
DS.2022.90	Fabrication of T Steel Mullions	17	15-Oct-16	03-Nov-16	15-Oct-16	03-Nov-16	0%	0	48																		DS.2
DS.2022.93	Painting of Steel Mullion	6	03-Nov-16	10-Nov-16	03-Nov-16	10-Nov-16	0%	0	48																		
DS.2022.82	Die Making	48	22-Sep-16	18-Nov-16	22-Sep-16	18-Nov-16	0%	0	6																		
DS.2022.88	Aluminium Extrusion Production	12	19-Nov-16	02-Dec-16	19-Nov-16	02-Dec-16	0%	0	6																		
Glass Wall with Percast Concrete Mullion,CW-07																											
Glass Wall with PC Mullion - Ordering & Production of Material																											
Glass Production & Fabrication																											
DS.2022.104	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	17-Oct-16	31-Oct-16	17-Oct-16*	31-Oct-16	0%	0	193																		DS.202
DS.2022.106	Coated Glass Production	48	17-Oct-16	12-Dec-16	17-Oct-16*	12-Dec-16	0%	0	145																		
Glass Wall glazed panel production and Fabricatioin																											
DS.2022.110	PVF2 Paint Ordering	12	17-Oct-16	31-Oct-16	17-Oct-16*	31-Oct-16	0%	0	188																		DS.202
DS.2022.112	Die Making	48	17-Oct-16	12-Dec-16	17-Oct-16*	12-Dec-16	0%	0	140																		
Precast Concrete Mullion																											
DS.2022.120	Production Precast Concrete Moulding	24	01-Nov-16	28-Nov-16	01-Nov-16*	28-Nov-16	0%	0	148																		
DS.2022.122	Mullion Concreting	8	29-Nov-16	07-Dec-16	29-Nov-16	07-Dec-16	0%	0	148																		
L3 Storefront,CW-08																											
L3 Storefront - Ordering & Production of Material																											
Glass Production & Fabrication																											
DS.2022.130	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	10-Sep-16	26-Sep-16	10-Sep-16	26-Sep-16	0%	0	229																		DS.2022.130, Sealant Ordering (Ty
DS.2022.132	Coated Glass Production	48	10-Sep-16	09-Nov-16	10-Sep-16	09-Nov-16	0%	0	181																		
DS.2022.134	Fabrication of Insulated Glass Panel	12	09-Nov-16	23-Nov-16	09-Nov-16	23-Nov-16	0%	0	181																		
Glass Wall glazed panel production and Fabricatioin																											

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016						
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06				
G/F Facade - Precast Concrete Tubes , Ceramic Rows Rainscreen Cladding, Ceramic Precast Mull																																
G/F Facade - Ordering & Production of Material																																
DS.2022.136	PVF2 Paint Ordering	12	10-Sep-16	26-Sep-16	10-Sep-16	26-Sep-16	0%	0	223	DS.2022.136, PVF2 Paint Ordering																						
DS.2022.138	Die Making	48	10-Sep-16	09-Nov-16	10-Sep-16	09-Nov-16	0%	0	175																							
DS.2022.140	Aluminium Extrusion Production	12	09-Nov-16	23-Nov-16	09-Nov-16	23-Nov-16	0%	0	175																							
DS.2022.142	Application of PVF2 Coating	6	23-Nov-16	30-Nov-16	23-Nov-16	30-Nov-16	0%	0	175																							
G/F Facade - Glass Production & Fabrication																																
DS.2022.152	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	17-Oct-16	31-Oct-16	17-Oct-16*	31-Oct-16	0%	0	68	DS.2022.152																						
G/F Facade - Curtain Wall glazed panel production and Fabricatioin																																
DS.2022.158	PVF2 Paint Ordering	12	30-Sep-16	15-Oct-16	30-Sep-16	15-Oct-16	0%	0	109	DS.2022.158, PVF2																						
DS.2022.160	Die Making	48	17-Oct-16	12-Dec-16	17-Oct-16	12-Dec-16	0%	0	49																							
G/F Facade - Terracotta																																
DS.2022.168	Ordering of Terracotta	11	17-Oct-16	29-Oct-16	17-Oct-16*	29-Oct-16	0%	0	45	DS.2022.168																						
DS.2022.170	Die Making of Terracotta	49	05-Nov-16	05-Jan-17	05-Nov-16	05-Jan-17	0%	0	45																							
G/F Facade - Precast Concrete Facade																																
G/F Facade - Precast Facade Die Making																																
DS.2022.176	Percast Concrete Mould Making	50	24-Oct-16	20-Dec-16	24-Oct-16*	20-Dec-16	0%	0	34	DS.2022.176																						
Garden Gallery,CE-03a,03c																																
Garden Gallery - Ordering & Production of Material																																
Garden Gallery - Terracotta																																
DS.2022.186	Ordering of Terracotta	11	08-Oct-16	22-Oct-16	08-Oct-16	22-Oct-16	0%	0	109	DS.2022.186,																						
DS.2022.188	Die Making of Terracotta	36	22-Oct-16	03-Dec-16	22-Oct-16	03-Dec-16	0%	0	109																							
Performance Testing Mock Up																																
Tower Precast Facade Panels w/ Precast Concrete , Terracotta, lighting & Curtain Wall																																
Tower Facade - Drawing Submission																																
DS.2026.2	1st Shop Drawing Submission	11	01-Aug-16	13-Aug-16	01-Aug-16	13-Aug-16	0%	0	64	DS.2026.2, 1st Shop Drawing Submission																						
DS.2026.4	1st Shop Drawing Comment	11	13-Aug-16	26-Aug-16	13-Aug-16	26-Aug-16	0%	0	64	DS.2026.4, 1st Shop Drawing Comment																						
DS.2026.6	2nd Shop Drawing Submission	11	26-Aug-16	08-Sep-16	26-Aug-16	08-Sep-16	0%	0	64	DS.2026.6, 2nd Shop Drawing Submission																						
DS.2026.8	Approval of Performance Mock Up Drawing	11	08-Sep-16	22-Sep-16	08-Sep-16	22-Sep-16	0%	0	64	DS.2026.8, Approval of Performance M																						
Tower Facade - Submission of Testing Proposal																																
DS.2026.10	1st Submission of Testing Proposal	11	22-Sep-16	06-Oct-16	22-Sep-16	06-Oct-16	0%	0	355	DS.2026.10, 1st Submissio																						
DS.2026.12	1st comment	6	07-Oct-16	14-Oct-16	07-Oct-16	14-Oct-16	0%	0	355	DS.2026.12, 1st comm																						
DS.2026.14	2nd Submission of Testing Proposal	6	14-Oct-16	21-Oct-16	14-Oct-16	21-Oct-16	0%	0	355	DS.2026.14, 2n																						
DS.2026.16	Approval of Testing Proposal	6	21-Oct-16	27-Oct-16	21-Oct-16	27-Oct-16	0%	0	355	DS.2026.16																						
Tower Facade - Ordering & Production of Material																																
DS.2026.18	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	27-Oct-16	09-Nov-16	27-Oct-16	09-Nov-16	0%	0	96	DS.2026.18																						
Tower Facade - Glass Production & Fabrication																																
DS.2026.26	Coated Glass Production	48	27-Oct-16	22-Dec-16	27-Oct-16	22-Dec-16	0%	0	37	DS.2026.26																						
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																																
DS.2026.24	PVF2 Paint Ordering	12	27-Oct-16	09-Nov-16	27-Oct-16*	09-Nov-16	0%	0	80	DS.2026.24																						
DS.2026.22	Die Making	48	27-Oct-16	22-Dec-16	27-Oct-16	22-Dec-16	0%	0	32	DS.2026.22																						
Tower Facade - Terracotta																																
DS.2026.36	Ordering of Terracotta	11	27-Oct-16	09-Nov-16	27-Oct-16	09-Nov-16	0%	0	8	DS.2026.36																						
DS.2026.38	Die Making of Terracotta	24	09-Nov-16	07-Dec-16	09-Nov-16	07-Dec-16	0%	0	8	DS.2026.38																						
Tower Facade - Precast Concrete Facade																																

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016					
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06			
Tower Facade - Precast Facade Die Making																															
DS.2026.42	Percast Concrete Mould Making	96	01-Aug-16	23-Nov-16	01-Aug-16	23-Nov-16	0%	0	67																						
Tower Facade - Installation																															
DS.2026.50	Erection of Testing Chamber	32	03-Oct-16	09-Nov-16	03-Oct-16*	09-Nov-16	0%	0	94																						
DS.2026.52	Bracket Installation	8	10-Nov-16	18-Nov-16	10-Nov-16	18-Nov-16	0%	0	94																						
Podium Facade Wall Performance Testing																															
Podium Facade - Drawing Submission																															
DS.2026.58	1st PMU Drawing Submission	11	19-Aug-16	01-Sep-16	19-Aug-16	01-Sep-16	0%	0	117																						
DS.2026.60	1st PMU Drawing Comment	11	01-Sep-16	14-Sep-16	01-Sep-16	14-Sep-16	0%	0	117																						
DS.2026.62	2nd PMU Drawing Submission	11	14-Sep-16	28-Sep-16	14-Sep-16	28-Sep-16	0%	0	117																						
DS.2026.64	Approval of Performance Mock Up Drawing	11	28-Sep-16	13-Oct-16	28-Sep-16	13-Oct-16	0%	0	125																						
Podium Facade - Submission of Testing Proposal																															
DS.2026.66	1st Submission of Testing Proposal	11	13-Oct-16	26-Oct-16	13-Oct-16	26-Oct-16	0%	0	125																						
DS.2026.68	1st comment	6	27-Oct-16	02-Nov-16	27-Oct-16	02-Nov-16	0%	0	125																						
DS.2026.70	2nd Submission of Testing Proposal	6	02-Nov-16	09-Nov-16	02-Nov-16*	09-Nov-16	0%	0	125																						
DS.2026.72	Approval of Testing Proposal	6	09-Nov-16	15-Nov-16	09-Nov-16*	15-Nov-16	0%	0	125																						
Podium Facade - Ordering & Production of Material																															
DS.2026.74	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	21-Oct-16	03-Nov-16	21-Oct-16	03-Nov-16	0%	0	153																						
Podium Facade - Glass Production & Fabrication																															
DS.2026.76	Coated Glass Producon	48	21-Oct-16	15-Dec-16	21-Oct-16	15-Dec-16	0%	0	141																						
Podium Facade - Curtain Wall glazed panel production and Fabricatioin																															
DS.2026.84	PVF2 Paint Ordering	12	15-Nov-16	29-Nov-16	15-Nov-16	29-Nov-16	0%	0	125																						
DS.2026.80	Die Making	48	21-Oct-16	15-Dec-16	21-Oct-16	15-Dec-16	0%	0	99																						
Podium Facade - Terracotta																															
DS.2026.90	Ordering of Terracotta	11	21-Oct-16	03-Nov-16	21-Oct-16	03-Nov-16	0%	0	100																						
DS.2026.92	Die Making of Terracotta	36	03-Nov-16	15-Dec-16	03-Nov-16	15-Dec-16	0%	0	100																						
Podium Facade - Precast Concrete Facade																															
Podium Facade - Precast Facade Die Making																															
DS.2026.108	Percast Concrete Mould Making	96	21-Oct-16	16-Feb-17	21-Oct-16	16-Feb-17	0%	0	63																						
Kinked Glass Wall with T Mullion and Reflective Glass at B1,CW-02b																															
Kinked Glass Wall - Drawing Submission																															
DS.2026.122	1st Shop Drawing Submission	11	03-Oct-16	17-Oct-16	03-Oct-16*	17-Oct-16	0%	0	165																						
DS.2026.124	1st Shop Drawing Comment	11	17-Oct-16	29-Oct-16	17-Oct-16	29-Oct-16	0%	0	165																						
DS.2026.126	2nd Shop Drawing Submission	11	29-Oct-16	11-Nov-16	29-Oct-16	11-Nov-16	0%	0	165																						
DS.2026.128	Approval of Performance Mock Up Drawing	11	11-Nov-16	24-Nov-16	11-Nov-16	24-Nov-16	0%	0	165																						
Kinked Glass Wall - Submission of Testing Proposal																															
DS.2026.130	1st Submission of Testing Proposal	11	24-Nov-16	07-Dec-16	24-Nov-16	07-Dec-16	0%	0	165																						
Kinked Glass Wall - Ordering & Production of Material																															
DS.2026.138	Sealant Ordering (Typical two weeks time, tailor made need three mont	12	24-Nov-16	08-Dec-16	24-Nov-16	08-Dec-16	0%	0	186																						
Kinked Glass Wall - Glass Production & Fabrication																															
DS.2026.140	Coated Glass Production	48	03-Oct-16	28-Nov-16	03-Oct-16*	28-Nov-16	0%	0	183																						
DS.2026.142	Fabrication of Insulated Glass Panel	12	29-Nov-16	12-Dec-16	29-Nov-16	12-Dec-16	0%	0	183																						
Kinked Glass Wall - Curtain Wall glazed panel production and Fabricatioin																															
DS.2026.146	Die Making	48	14-Sep-16	11-Nov-16	14-Sep-16	11-Nov-16	0%	0	192																						
DS.2026.144	PVF2 Paint Ordering	49	14-Sep-16	12-Nov-16	14-Sep-16	12-Nov-16	0%	0	203																						
DS.2026.148	Aluminium Extrusion Production	12	24-Nov-16	08-Dec-16	24-Nov-16	08-Dec-16	0%	0	181																						

3MRP-10 Three Months Rolling Programme Status at 31 July 2016

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016			November 2016												
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06									
DS.2260.18	1st Shop Drawing Submission	11	24-Aug-16	05-Sep-16	24-Aug-16	05-Sep-16	0%	0	5																												
DS.2260.20	1st Shop Drawing Comment	11	06-Sep-16	19-Sep-16	06-Sep-16	19-Sep-16	0%	0	125																												
DS.2260.21	2nd Shop Drawing Submission	6	20-Sep-16	26-Sep-16	20-Sep-16	26-Sep-16	0%	0	125																												
DS.2260.22	Shop Drawing Approval	11	27-Sep-16	12-Oct-16	27-Sep-16	12-Oct-16	0%	0	125																												
CSF Embed BD Submission & Approval																																					
DS.2260.24	BD Drawing Preparation & 1st BD Submission to Consultants	11	01-Aug-16	13-Aug-16	01-Aug-16*	13-Aug-16	0%	0	59																												
DS.2260.26	BD Drawing submission 1st Comments	11	13-Aug-16	26-Aug-16	13-Aug-16	26-Aug-16	0%	0	59																												
DS.2260.28	BD Drawing Preparation & 2nd BD Submission to Consultants	11	26-Aug-16	08-Sep-16	26-Aug-16	08-Sep-16	0%	0	59																												
DS.2260.30	RSE Submission to BD	3	08-Sep-16	12-Sep-16	08-Sep-16	12-Sep-16	0%	0	59																												
DS.2260.32	BD Submission & Approval	48	12-Sep-16	10-Nov-16	12-Sep-16	10-Nov-16	0%	0	59																												
DS.2260.34	Preparation of BD Consent Application	6	10-Nov-16	17-Nov-16	10-Nov-16	17-Nov-16	0%	0	59																												
DS.2260.36	BD Consent Application & Approval	24	17-Nov-16	15-Dec-16	17-Nov-16	15-Dec-16	0%	0	59																												
CSF Glass Wall BD Submission & Approval																																					
DS.2260.38	BD Drawing Preparation & 1st BD Submission to Consultants	11	06-Sep-16	20-Sep-16	06-Sep-16	20-Sep-16	0%	0	5																												
DS.2260.40	BD Drawing submission 1st Comments	11	20-Sep-16	04-Oct-16	20-Sep-16	04-Oct-16	0%	0	5																												
DS.2260.42	BD Drawing Preparation & 2nd BD Submission to Consultants	11	04-Oct-16	18-Oct-16	04-Oct-16	18-Oct-16	0%	0	5																												
DS.2260.44	BD Drawing submission 2nd Comments	11	18-Oct-16	31-Oct-16	18-Oct-16	31-Oct-16	0%	0	5																												
DS.2260.46	BD Drawing Preparation & 3rd BD Submission to Consultants	11	31-Oct-16	12-Nov-16	31-Oct-16	12-Nov-16	0%	0	5																												
DS.2260.48	RSE Submission to BD	3	14-Nov-16	17-Nov-16	14-Nov-16	17-Nov-16	0%	0	5																												
DS.2260.50	BD Submission & Approval	48	17-Nov-16	16-Jan-17	17-Nov-16	16-Jan-17	0%	0	5																												
CSF Glass Wall Performance Testing																																					
Drawing Submission																																					
DS.2260.58	1st Shop Drawing Submission	11	31-Oct-16	12-Nov-16	31-Oct-16	12-Nov-16	0%	0	111																												
DS.2260.60	1st Shop Drawing Comment	11	14-Nov-16	26-Nov-16	14-Nov-16	26-Nov-16	0%	0	111																												
DS.2260.62	2nd Shop Drawing Submission	11	26-Nov-16	09-Dec-16	26-Nov-16	09-Dec-16	0%	0	111																												
Ordering & Production of Material																																					
Glass Production & Fabrication																																					
DS.2260.66	Coated Glass Production	48	12-Oct-16	07-Dec-16	12-Oct-16*	07-Dec-16	0%	0	125																												
Curtain Wall glazed panel production and Fabrication																																					
DS.2260.70	Die Making	48	06-Sep-16	03-Nov-16	06-Sep-16*	03-Nov-16	0%	0	147																												
DS.2260.72	PVF2 Paint Ordering	49	06-Sep-16	04-Nov-16	06-Sep-16*	04-Nov-16	0%	0	163																												
DS.2260.74	Aluminium Extrusion Production	17	04-Nov-16	23-Nov-16	04-Nov-16	23-Nov-16	0%	0	147																												
DS.2260.76	Application of PVF2 Coating	6	23-Nov-16	30-Nov-16	23-Nov-16	30-Nov-16	0%	0	147																												
Bulk Ordering & Production of Material																																					
Curtain Wall glazed panel production and Fabrication																																					
DS.2260.92	Die Making	48	01-Nov-16	28-Dec-16	01-Nov-16*	28-Dec-16	0%	0	145																												
DS.2260.94	PVF2 Paint Ordering	49	01-Nov-16	29-Dec-16	01-Nov-16	29-Dec-16	0%	0	161																												
Glass Production & Fabrication																																					
DS.2260.102	Coated Glass Production	48	14-Nov-16	11-Jan-17	14-Nov-16*	11-Jan-17	0%	0	140																												
(Redland) Precast Facade for M+ Podium & CSF Bldg																																					
(Redland) General Submission																																					
(Redland) Project Quality Plan																																					
DS.3240	PQP - 2nd Submission and Approval	12	01-Aug-16	13-Aug-16	01-Aug-16	13-Aug-16	0%	0	75																												
DS.3250	PQP - Approval of Project Quality Plan	0		13-Aug-16		13-Aug-16	0%	0	75																												
(Redland) Production Method Statement																																					
DS.3290	PMS - 2nd Submission and Approval	12	01-Aug-16	13-Aug-16	01-Aug-16	13-Aug-16	0%	0	75																												

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016																										
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13																							
Steel Truss Support Fabrication for Truss # 1 & 2 (Column 68 & Column																							DS.1055	Steel Truss Support Fabrication for Truss # 1 & 2 (Column 68 & Column	21	04-Jun-16	24-Jun-16	09-May-16 A	29-Aug-16	75%	-66	25	DS.1055, Steel Truss Support Fabrication for Truss # 1 & 2																			
Steel Truss Support Fabrication for Truss 5 (*C25)																							DS.1110	Steel Truss Support Fabrication for Truss 5 (*C25)	21	31-Jul-16	20-Aug-16	25-Jun-16 A	29-Aug-16	16%	-9	67	DS.1110, Steel Truss Support Fabrication for Truss 5 (*C25)																			
Steel Truss Support Fabrication for Truss 3 (*C85 & C86)																							DS.1056	Steel Truss Support Fabrication for Truss 3 (*C85 & C86)	21	10-Aug-16	30-Aug-16	10-Aug-16	30-Aug-16	0%	0	46	DS.1056, Steel Truss Support Fabrication for Truss 3 (*C85 & C86)																			
Steel Truss Support Fabrication for Truss 4 (*C94 & *C96)																							DS.1090	Steel Truss Support Fabrication for Truss 4 (*C94 & *C96)	21	31-Aug-16	20-Sep-16	31-Aug-16	20-Sep-16	0%	0	56	DS.1090, Steel Truss Support Fabrication for Truss 4 (*C94 & *C96)																			
Steel Truss Support Delivery to Site																																																				
Steel Truss Support for Truss # 1 & 2 (Column 68 & Column 71)																							DS.1055.10	Steel Truss Support for Truss # 1 & 2 (Column 68 & Column 71)	0	01-Sep-16		01-Sep-16		0%	0	23	DS.1055.10, Steel Truss Support for Truss # 1 & 2 (Column 68 & Column 71)																			
Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5																							DS.1050.10	Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5	0	02-Sep-16		02-Sep-16		0%	0	11	DS.1050.10, Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5																			
Steel Truss Support for Truss # 5 (*C25), Steel Truss Support for Truss # 3 (*C85 & C86)																							DS.1130.10	Steel Truss Support for Truss # 5 (*C25)	0	10-Sep-16		10-Sep-16		0%	0	67	DS.1130.10, Steel Truss Support for Truss # 5 (*C25), Steel Truss Support for Truss # 3 (*C85 & C86)																			
Steel Truss Support for Truss # 3 (*C85 & C86)																							DS.1090.10	Steel Truss Support for Truss # 3 (*C85 & C86)	0	01-Oct-16		01-Oct-16		0%	0	46	DS.1090.10, Steel Truss Support for Truss # 3 (*C85 & C86)																			
Steel Truss Support for Truss # 4 (*C94 & *C96)																							DS.1110.10	Steel Truss Support for Truss # 4 (*C94 & *C96)	0	01-Oct-16		01-Oct-16		0%	0	46	DS.1110.10, Steel Truss Support for Truss # 4 (*C94 & *C96)																			
Steel Truss Members Fabrication																																																				
Steel Truss Fabrication for Truss # 1																							DS.1060.1	Steel Truss Fabrication for Truss # 1	69	30-Apr-16	07-Jul-16	23-Apr-16 A	20-Aug-16	65%	-44	13	DS.1060.1, Steel Truss Fabrication for Truss # 1, Steel Truss Fabrication for Truss # 5																			
Steel Truss Fabrication for Truss # 5																							DS.1120	Steel Truss Fabrication for Truss # 5	69	30-Apr-16	07-Jul-16	23-Apr-16 A	17-Sep-16	17%	-72	20	DS.1120, Steel Truss Fabrication for Truss # 5																			
Steel Truss Fabrication for Truss # 2																							DS.1070	Steel Truss Fabrication for Truss # 2	69	01-May-16	08-Jul-16	23-Apr-16 A	31-Aug-16	59%	-54	20	DS.1070, Steel Truss Fabrication for Truss # 2, Steel Truss Fabrication for Truss # 3																			
Steel Truss Fabrication for Truss # 3																							DS.1080	Steel Truss Fabrication for Truss # 3	69	05-May-16	12-Jul-16	23-Apr-16 A	01-Oct-16	1%	-81	20	DS.1080, Steel Truss Fabrication for Truss # 3																			
Steel Truss Fabrication for Truss # 4																							DS.1100	Steel Truss Fabrication for Truss # 4	69	13-May-16	20-Jul-16	09-May-16 A	01-Oct-16	1%	-73	25	DS.1100, Steel Truss Fabrication for Truss # 4																			
Steel Truss Members Delivery to Site																																																				
Steel Truss Members for Truss # 1																							DS.1070.10	Steel Truss Members for Truss # 1	0	24-Aug-16		24-Aug-16		0%	0	13	DS.1070.10, Steel Truss Members for Truss # 1, Steel Truss Members for Truss # 2																			
Steel Truss Members for Truss # 2																							DS.1080.10	Steel Truss Members for Truss # 2	0	10-Sep-16		10-Sep-16		0%	0	20	DS.1080.10, Steel Truss Members for Truss # 2, Steel Truss Members for Truss # 5																			
Steel Truss Members for Truss # 5																							DS.1140.10	Steel Truss Members for Truss # 5	0	19-Sep-16		19-Sep-16		0%	0	20	DS.1140.10, Steel Truss Members for Truss # 5, Steel Truss Members for Truss # 3																			
Steel Truss Members for Truss # 3																							DS.1100.10	Steel Truss Members for Truss # 3	0	07-Oct-16		07-Oct-16		0%	0	39	DS.1100.10, Steel Truss Members for Truss # 3																			
Steel Truss Members for Truss # 4																							DS.1120.10	Steel Truss Members for Truss # 4	0	21-Oct-16		21-Oct-16		0%	0	25	DS.1120.10, Steel Truss Members for Truss # 4																			
Building Services																																																				
MVAC																																																				
MVAC - Shop Drawings, Materials & Method Statements Submission																							DS.3070	MVAC - Shop Drawings, Materials & Method Statements Submission	120	01-Dec-15	29-Mar-16	01-Dec-15 A	15-Sep-16	31%	-170	5	DS.3070, MVAC - Shop Drawings, Materials & Method Statements Submission																			
MVAC - CA Review & Comments																							DS.3080	MVAC - CA Review & Comments	30	23-Aug-16	21-Sep-16	01-Apr-16 A	05-Aug-16	80%	47	18	DS.3080, MVAC - CA Review & Comments																			
MVAC - Incorporate Comments & Resubmit																							DS.3090	MVAC - Incorporate Comments & Resubmit	30	15-Sep-16	14-Oct-16	15-Apr-16 A	19-Aug-16	70%	56	18	DS.3090, MVAC - Incorporate Comments & Resubmit																			
MVAC - CA Review & Approval																							DS.3100	MVAC - CA Review & Approval	30	13-Oct-16	11-Nov-16	02-May-16 A	02-Sep-16	60%	70	18	DS.3100, MVAC - CA Review & Approval																			
MVAC - Procurement and Delivery																							DS.3110	MVAC - Procurement and Delivery	180	16-Sep-16	14-Mar-17	16-Sep-16	14-Mar-17	0%	0	5	DS.3110, MVAC - Procurement and Delivery																			
Electrical and ELV Systems																																																				
Elect & ELV Systems - Shop Drawings and Materials Submission and Approval																							DS.4120	Elect & ELV Systems - Shop Drawings and Materials Submission and Approval	120	29-Feb-16	27-Jun-16	01-Dec-15 A	12-Oct-16	39%	-106	9	DS.4120, Elect & ELV Systems - Shop Drawings and Materials Submission and Approval																			
Elect & ELV Systems - CA Review & Comments																							DS.4130	Elect & ELV Systems - CA Review & Comments	30	01-Aug-16	30-Aug-16	01-Apr-16 A	05-Aug-16	80%	25	48	DS.4130, Elect & ELV Systems - CA Review & Comments																			
Elect & ELV Systems - Incorporate Comments & Resubmit																							DS.4140	Elect & ELV Systems - Incorporate Comments & Resubmit	30	31-Aug-16	29-Sep-16	15-Apr-16 A	19-Aug-16	70%	41	48	DS.4140, Elect & ELV Systems - Incorporate Comments & Resubmit																			
Elect & ELV Systems - CA Review & Approval																							DS.4150	Elect & ELV Systems - CA Review & Approval	30	30-Sep-16	29-Oct-16	16-May-16 A	02-Sep-16	60%	57	48	DS.4150, Elect & ELV Systems - CA Review & Approval																			
Elect & ELV Systems - Procurement and Delivery																							DS.4160	Elect & ELV Systems - Procurement and Delivery	150	12-Oct-16	11-Mar-17	12-Oct-16	11-Mar-17	0%	0	9	DS.4160, Elect & ELV Systems - Procurement and Delivery																			
Fire Services																																																				
FS - Shop Drawings and Materials Submission and Approval																							DS.4010	FS - Shop Drawings and Materials Submission and Approval	120	01-Dec-15	29-Mar-16	01-Dec-15 A	30-Aug-16	44%	-154	1	DS.4010, FS - Shop Drawings and Materials Submission and Approval																			
FS - CA Review & Comments																							DS.4020	FS - CA Review & Comments	30	01-Jun-16	30-Jun-16	15-Apr-16 A	05-Aug-16	80%	-36	2	DS.4020, FS - CA Review & Comments																			
FS - Incorporate Comments & Resubmit																							DS.4030	FS - Incorporate Comments & Resubmit	30	01-Jul-16	30-Jul-16	22-Apr-16 A	17-Aug-16	70%	-18	2	DS.4030, FS - Incorporate Comments & Resubmit																			
FS - CA Review & Approval																							DS.4040	FS - CA Review & Approval	30	31-Jul-16	29-Aug-16	16-May-16 A	29-Aug-16	60%	0	2	DS.4040, FS - CA Review & Approval																			
FS - Procurement and Delivery																							DS.4050	FS - Procurement and Delivery	200	31-Aug-16	18-Mar-17	31-Aug-16	18-Mar-17	0%	0	1	DS.4050, FS - Procurement and Delivery																			
Plumbing and Drainage																																																				
Plumbing & Drainage - Shop Drawings, Materials & Method Statements Submission																							DS.3010	Plumbing & Drainage - Shop Drawings, Materials & Method Statements Submission	90	30-Dec-15	28-Mar-16	30-Dec-15 A	15-Sep-16	48%	-171	35	DS.3010, Plumbing & Drainage - Shop Drawings, Materials & Method Statements Submission																			
Plumbing & Drainage - CA Review & Comments																							DS.3020	Plumbing & Drainage - CA Review & Comments	30	01-Aug-16	30-Aug-16	01-Apr-16 A	05-Aug-16	80%	25	50	DS.3020, Plumbing & Drainage - CA Review & Comments																			
Plumbing & Drainage - Incorporate Comments & Resubmit																							DS.3030	Plumbing & Drainage - Incorporate Comments & Resubmit	30	31-Aug-16	29-Sep-16	14-Apr-16 A	19-Aug-16	70%	41	50	DS.3030, Plumbing & Drainage - Incorporate Comments & Resubmit																			
Plumbing & Drainage - CA Review & Approval																							DS.3040	Plumbing & Drainage - CA Review & Approval	30	30-Sep-16	29-Oct-16	02-May-16 A	31-Aug-16	60%	59	50	DS.3040, Plumbing & Drainage - CA Review & Approval																			

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016			October 2016			November 2016												
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06								
B6B.0010	Review, resubmission and approval for BIM / CSD / CBWD at 4/F (Team	20	11-Oct-16	30-Oct-16	11-Oct-16	30-Oct-16	0%	0	137																											
B6B.0100	Review, resubmission and approval for BIM / CSD / CBWD at 6/F (Team	20	29-Oct-16	17-Nov-16	29-Oct-16	17-Nov-16	0%	0	146																											
B6B.0020	Preparation and submission for BIM / CSD / CBWD at 10/F (Team A)	45	11-Oct-16	24-Nov-16	11-Oct-16	24-Nov-16	0%	0	36																											
B6B.0110	Preparation and submission for BIM / CSD / CBWD at 7/F (Team B)	45	29-Oct-16	12-Dec-16	29-Oct-16	12-Dec-16	0%	0	45																											
B6B.0040	Review, resubmission and approval for BIM / CSD / CBWD at 10/F (Team	20	25-Nov-16	14-Dec-16	25-Nov-16	14-Dec-16	0%	0	162																											
B6B.0050	Preparation and submission for BIM / CSD / CBWD at 11/F (Team A)	45	25-Nov-16	08-Jan-17	25-Nov-16	08-Jan-17	0%	0	36																											
CSF Block																																				
B20.0290	Review, resubmission and approval for BIM / CSD / CBWD at G/F (Team	20	14-Sep-16	03-Oct-16	14-Sep-16	03-Oct-16	0%	0	182																		B20.0290, Review, resubmiss									
B20.0300	Preparation and submission for BIM / CSD / CBWD at 1-5/F (Team C)	60	14-Sep-16	12-Nov-16	14-Sep-16	12-Nov-16	0%	0	2																											
B20.0310	Review, resubmission and approval for BIM / CSD / CBWD at 1-5/F (Te	30	13-Nov-16	12-Dec-16	13-Nov-16	12-Dec-16	0%	0	112																											
B20.0320	Preparation and submission for BIM / CSD / CBWD at 6/F (Team C)	45	13-Nov-16	27-Dec-16	13-Nov-16	27-Dec-16	0%	0	2																											
Interfacing Car Park and Sewage Pumping Station (SPS)																																				
D02.0030	Review, resubmission and approval for BIM / CSD / CBWD at ICP G/F (1	30	14-Sep-16	13-Oct-16	14-Sep-16	13-Oct-16	0%	0	-48																		D02.0030, Review, re									
Visual Mock-Up (VMU)																																				
VMU Document / Drawing Submission																																				
A00.3050	Submit & Approve of CSD/CBWD	46	05-Oct-15	19-Nov-15	25-Nov-15 A	06-Aug-16	85%	-261	29																		A00.3050, Submit & Approve of CSD/CBWD, Submit & Approve of CSD/CBWD									
A00.3040	Submit & Approve of ABWF Shop Drawing & Sample	65	01-Oct-15	04-Dec-15	22-Jan-16 A	03-Aug-16	85%	-242	58																		A00.3040, Submit & Approve of ABWF Shop Drawing & Sample, Submit & Appro									
VMU Procurements / Materials Delivery to Site																																				
A00.3620	Facade - Ordering & Production for Concrete Shell Mock-Up	84	29-Feb-16	22-May-16	29-Feb-16 A	08-Aug-16	70%	-77	29																		A00.3620, Facade - Ordering & Production for Concrete Shell Mock-Up, Fac									
A00.3630	Building Services Works - Materials Ordering / Fabrication / Delivery	90	29-Feb-16	28-May-16	01-Feb-16 A	26-Aug-16	70%	-90	29																		A00.3630, Building Services Works - Materials Ordering / Fa									
A00.3625	Facade - Ordering & Production for Hybrid Mock-Up	114	30-Apr-16	21-Aug-16	24-Mar-16 A	30-Aug-16	80%	-9	29																		A00.3625, Facade - Ordering & Production for Hybrid Mock									
VMU Construction																																				
Step 2.0 - Existing Concrete Shell																																				
VMU ABWF & Finishes																																				
VMU Gallery & B1 Plaza Space																																				
VMU Floor																																				
A00.3130	Install Timber Flanks Flooring	6	09-Jul-16	15-Jul-16	20-Jun-16 A	02-Aug-16	90%	-14	46																		A00.3130, Install Timber Flanks Flooring, Install Timber Flanks Flooring									
A00.3120	Install Raised Flooring	8	23-Jul-16	01-Aug-16	17-May-16 A	02-Aug-16	90%	-1	48																		A00.3120, Install Raised Flooring, Install Raised Flooring									
VMU Facade Works																																				
A00.3700	Install Facade Mock-Up Panels	7	01-Aug-16	09-Aug-16	01-Aug-16	09-Aug-16	0%	0	24																		A00.3700, Install Facade Mock-Up Panels									
A00.3815	Install Glazing & Sealant Application	2	09-Aug-16	11-Aug-16	09-Aug-16	11-Aug-16	0%	0	24																		A00.3815, Install Glazing & Sealant Application									
A00.3825	Install Glazing & Sealant Application	14	11-Aug-16	27-Aug-16	11-Aug-16	27-Aug-16	0%	0	24																		A00.3825, Install Glazing & Sealant Application									
A00.3690	Erection of Scaffolds for Shell Mock-Up	4	30-Aug-16	02-Sep-16	18-Jul-16 A	01-Aug-16	50%	28	24																		A00.3690, Erection of Scaffolds for Shell Mock-Up, Erec									
VMU Step 2.1 - Hybrid Shell Mock-Up																																				
VMU ABWF & Finishes																																				
A00.3350	Hybrid Mock Up - Install Panel Doors (2-nos)	5	14-Sep-16	20-Sep-16	04-Jun-16 A	02-Aug-16	90%	41	40																		A00.3350, Hybrid Mock Up - Install Pane									
VMU External Facade																																				
A00.3805	Hybrid Mock Up - Inspection and Approval of Visual Mock-up	14	01-Aug-16	16-Aug-16	01-Aug-16	16-Aug-16	0%	0	34																		A00.3805, Hybrid Mock Up - Inspection and Approval of Visual Mock-									
VMU External Works																																				
VMU MEP - FS Pipeworks																																				
A00.3835	Hybrid Mock Up - Excavation Works From Existing Dog House to Hybrid t	3	30-Jun-16	04-Jul-16	20-Jun-16 A	03-Aug-16	10%	-25	18																		A00.3835, Hybrid Mock Up - Excavation Works From Existing Dog House to Hyf									
A00.3845	Hybrid Mock Up - Install FS Water Pipeworks & PVC ducts	6	03-Aug-16	09-Aug-16	03-Aug-16	09-Aug-16	0%	0	18																		A00.3845, Hybrid Mock Up - Install FS Water Pipeworks & PVC ducts									
A00.3855	Hybrid Mock Up - Lay Cabling / Wiring and Termination	4	10-Aug-16	13-Aug-16	10-Aug-16	13-Aug-16	0%	0	18																		A00.3855, Hybrid Mock Up - Lay Cabling / Wiring and Termination									
VMU MEP - Electrical Works																																				
A00.3865	Hybrid Mock Up - Install Pipe ducts From Hybrid Mock-Up to Existing Pit	6	01-Aug-16	06-Aug-16	01-Aug-16	06-Aug-16	0%	0	26																		A00.3865, Hybrid Mock Up - Install Pipe ducts From Hybrid Mock-Up to Exist									
A00.3875	Hybrid Mock Up - Lay Cabling & Termination From Hybrid Mock-Up to Exi	10	08-Aug-16	18-Aug-16	08-Aug-16	18-Aug-16	0%	0	26																		A00.3875, Hybrid Mock Up - Lay Cabling & Termination From Hybri									

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016	
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30
VMU Step 2.2 - Concrete Stair																											
VMU MEP Building Service Works																											
A00.3480	Concrete Stair - Electrical Works for LED Lighting on Handrail & Stair	8	17-Jun-16	25-Jun-16	02-May-16 A	09-Aug-16	10%	-36	34	A00.3480, Concrete Stair - Electrical Works for LED Lighting on Handrail &																	
VMU MEP Testing and Commissioning																											
A00.3485	VMU - Building Services Testing and Commissioning	6	31-Aug-16	06-Sep-16	31-Aug-16	06-Sep-16	0%	0	16	A00.3485, VMU - Building Services Testing and Commissioning																	
VMU Statutory Submission & Inspection																											
VMU WSD (FS Pipeworks)																											
A00.3880	VMU - Submit Form WW046 (Part 1 & 2) to WSD (Subject to MJV 1st Su	90	30-Apr-16	28-Jul-16	12-Jan-16 A	09-Aug-16	86%	-12	19	A00.3880, VMU - Submit Form WW046 (Part 1 & 2) to WSD (Subject to M																	
A00.3890	VMU - Submit Form WW046 (Part 3) to WSD (by MJV)	6	10-Aug-16	15-Aug-16	10-Aug-16	15-Aug-16	0%	0	19	A00.3890, VMU - Submit Form WW046 (Part 3) to WSD (by MJV)																	
A00.3900	VMU - Submit Form WW046 (Part 4) to WSD	6	16-Aug-16	21-Aug-16	16-Aug-16	21-Aug-16	0%	0	19	A00.3900, VMU - Submit Form WW046 (Part 4) to WSD																	
A00.3910	VMU - Inspection and Approval by WSD	1	28-Aug-16	28-Aug-16	28-Aug-16	28-Aug-16	0%	0	19	A00.3910, VMU - Inspection and Approval by WSD																	
A00.3920	VMU - Tie-In Connection to Existing Dog House	2	29-Aug-16	30-Aug-16	29-Aug-16	30-Aug-16	0%	0	16	A00.3920, VMU - Tie-In Connection to Existing Dog House																	
VMU EMSD (Electrical)																											
A00.3930	VMU - Prepare & Submit Form WR1 to EMSD (For records only)	6	07-Sep-16	13-Sep-16	07-Sep-16	13-Sep-16	0%	0	20	A00.3930, VMU - Prepare & Submit Form WR1 to EMSD (For records only)																	
VMU FSD (Fire Service)																											
A00.3490	VMU - Form 314 & 501 Submission	0	07-Sep-16		07-Sep-16		0%	0	20	VMU - Form 314 & 501 Submission, VMU - Form 314 & 501 Submission																	
A00.3500	VMU - FSD's Inspection & Fire Certificate Issuance	12	07-Sep-16	18-Sep-16	07-Sep-16	18-Sep-16	0%	0	20	A00.3500, VMU - FSD's Inspection & Fire Certificate Issuance																	
VMU BD (OP)																											
A00.3510	VMU - Submission of BA14	0	19-Sep-16		19-Sep-16		0%	0	20	VMU - Submission of BA14, VMU - Submission of BA14																	
A00.3520	VMU - BD Inspection	12	19-Sep-16	30-Sep-16	19-Sep-16	30-Sep-16	0%	0	20	A00.3520, VMU - BD Inspection																	
A00.3530	VMU - M+ OP	0		30-Sep-16		30-Sep-16	0%	0	20	VMU - M+ OP, VMU - M+ OP,																	
Last Date for Exercising Provisional Sum & Optional Items (Refer Annex B to Preamble) (To be revised)																											
Conservation & Storage Facility (CSF)																											
Storage - Fitting-out Works																											
PA1.4	Photo studio (2/F) - x-ray protection enhancement	0		29-Sep-16		29-Sep-16	0%	0	848	Photo studio (2/F) - x-ray protection enhancement																	
Conseration Laboratory - Furniture and Fixtures																											
PA6.5	Fixed furniture in pantry	0		29-Sep-16		29-Sep-16	0%	0	848	Fixed furniture in pantry, Fixed furniture in pantry																	
Conseration Laboratory - Laboratory Equipment																											
PA7.1	Exhaust trucks-overhead mounted fume extraction arms	0		29-Sep-16		29-Sep-16	0%	0	848	Exhaust trucks-overhead mounted fume extraction arms																	
PA7.2	Fume hood cabinet	0		29-Sep-16		29-Sep-16	0%	0	848	Fume hood cabinet, Fume hood cabinet																	
PA7.3	Exhaust wall (size 5m (L) x 3m (H))	0		29-Sep-16		29-Sep-16	0%	0	848	Exhaust wall (size 5m (L) x 3m (H))																	
PA7.5	Wet shower area free standing enclosure	0		29-Sep-16		29-Sep-16	0%	0	848	Wet shower area free standing enclosure																	
PA7.7	Stainless steel laboratory sink	0		29-Sep-16		29-Sep-16	0%	0	848	Stainless steel laboratory sink, Stainless steel laboratory sink																	
Museum																											
Juke Box Installation																											
PE3.2	Equipment system and machinery for "Juke Box" installation	0		29-Sep-16		29-Sep-16	0%	0	848	Equipment system and machinery for "Juke Box" installation																	
Items Related to Museum Operations																											
PE4.6	People counting system - module enhancement to CCTV system	0		29-Sep-16		29-Sep-16	0%	0	848	People counting system - module enhancement to CCTV system																	
Back of House including Museum Workshop and Art Handling																											
Workshop																											
PH4.3	Exhaust wall	0		29-Sep-16		29-Sep-16	0%	0	848	Exhaust wall, Exhaust wall,																	
L1 and B1 Museum Shop including Espresso Bar																											
Fitting-out Works																											
PJ2.2	Architectural lightings	0		29-Sep-16		29-Sep-16	0%	0	848	Architectural lightings, Architectural lightings																	
PJ2.3	Security shutter	0		29-Sep-16		29-Sep-16	0%	0	848	Security shutter, Security shutter																	
Signage																											

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016			November 2016						
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06			
B10.2360	AEL North - ELS Stage 5 Site Formation (A9) - 2nd layer struts	8	11-Aug-16	20-Aug-16	11-Aug-16	20-Aug-16*	0%	0	-4																						
Portion A8, B6, A12, B7																															
B10.3570	AEL North - ELS Stage 4 Site Formation (Portion A8, B6)	26	31-May-16	11-Jul-16	29-Mar-16 A	19-Aug-16	50%	-26	37																						
B10.3580	AEL North - ELS Stage 5 Site Formation (Portion A12, B7)	30	01-Aug-16	13-Sep-16	01-Aug-16	13-Sep-16	0%	0	60																						
Portion A12																															
B10.3910	AEL North - ELS Stage 5 Site Formation (Portion A12) - 1st Layer Struts	2	11-Aug-16	13-Aug-16	11-Aug-16*	13-Aug-16	0%	0	0																						
B10.3920	AEL North - ELS Stage 5 Site Formation (Portion A12) - 2nd Layer Struts	5	15-Aug-16	20-Aug-16	15-Aug-16	20-Aug-16	0%	0	4																						
B10.3930	AEL North - ELS Stage 5 Site Formation (Portion A12) - Trim & Blinding	5	22-Aug-16	27-Aug-16	22-Aug-16	27-Aug-16*	0%	0	4																						
AEL South																															
DCS																															
B10.2220	DCS - Remove 1st Layer Struts at +4.2mPD	11	01-Aug-16	16-Aug-16	01-Aug-16	16-Aug-16	0%	0	476																						
B10.1210a	DCS - Construct Sump Pit & Overflow Pipes (Defer Area)	25	01-Aug-16	29-Aug-16	20-Jul-16 A	20-Aug-16	30%	7	718																						
B10.2230	DCS - Backfilling and Install Access Hatch and Misc. Works	50	18-Aug-16	01-Nov-16	18-Aug-16	01-Nov-16	0%	0	476																						
AEL South except DCS																															
B10.1090	AEL South - Plant Room - Excavate to +2.45mPD for Plant Room (G.L.8	16	01-Aug-16	23-Aug-16	01-Aug-16	23-Aug-16	0%	0	169																						
AEL North East of Portion A10 (for Area M12 h/o)																															
C10.0390	Vacate Portion M12 for Lyric Contractor for Foundations (App.D1.Item 5	0		25-Aug-16		25-Aug-16	0%	0	43																						
ICP																															
B10.3220	ICP - Pile Cap Construction of Area A	25	30-Jul-16	05-Sep-16	16-Jul-16 A	17-Sep-16	10%	-8	-55																						
B10.3240	ICP - Lateral Support	50	30-Jul-16	15-Oct-16	30-May-16 A	15-Nov-16	15%	-24	-55																						
B10.3230	ICP - Pile Cap Construction of Area B	25	19-Sep-16	27-Oct-16	19-Sep-16	27-Oct-16	0%	0	-55																						
B10.3250	ICP - Complete Excavation & Lateral Support	0		15-Nov-16		15-Nov-16	0%	0	-55																						
Structures																															
Basement Structures / Sub-Structure																															
Pilecaps																															
AEL North																															
Stage 3 - Pilecap (A4,A5,B4,B5)																															
Pilecap (A4 & A5)																															
B10.2060h	AEL North - ELS Stage 4 - Construct Pilecap & B2 Slab (A5)	5	05-Aug-16	10-Aug-16	12-Jul-16 A	06-Aug-16	70%	3	46																						
B10.2060p	AEL North - ELS Stage 4 - Extend 1st height of basement wall	10	03-Aug-16	13-Aug-16	28-Jul-16 A	13-Aug-16	10%	0	56																						
Pilecap (B4 & B5)																															
B10.2070i	AEL North - Complete Pilecaps for RC Columns of Truss T1 & T2	0		06-Aug-16		06-Aug-16	0%	0	12																						
B10.2070j	AEL North - ELS Stage 4 - Construct Pilecap & B2 Slab (B5)	7	12-Aug-16	19-Aug-16	14-Jul-16 A	13-Aug-16	30%	5	4																						
B10.2070m	AEL North - ELS Stage 4 - Extend 1st height of basement wall	12	08-Aug-16	20-Aug-16	08-Aug-16	20-Aug-16	0%	0	16																						
B10.2070k	AEL North - ELS Stage 4 - Extend Upper Pile caps (B5) for Truss T1 & T2	14	22-Aug-16	06-Sep-16	28-Jul-16 A	06-Aug-16	25%	26	12																						
Stage 4 to 7: ELS & Excavation (A6, A7, A8, A9, A10, A11, A12 & B6, B7, B8, B9)																															
Pilecaps - Portion (A6, A7 & A8)																															
B10.3101	AEL North - BD Stage 4 - Pile Cap Construction (Portion A6, A7)	43	09-May-16	14-Jul-16	27-Apr-16 A	08-Aug-16	90%	-16	5																						
Pile Cap Portion A7																															
B10.3111	AEL North - BD Stage 4 - Pile Cap Construction (Portion A7)	43	27-Apr-16	02-Jul-16	27-Apr-16 A	08-Aug-16*	90%	-23	-23																						
Pilecaps - Portion (B8, A9 & B9)																															
B10.3103	AEL North - BD Stage 6 - Pile Cap Construction (Portion B8 & A9, B9)	30	30-Jul-16	12-Sep-16	04-Jul-16 A	20-Sep-16	5%	-5	1																						
B10.3104	AEL North - BD Stage 6 - Underground Drainage (Portion B8 & A9, B9)	12	03-Sep-16	20-Sep-16	03-Sep-16	20-Sep-16	0%	0	161																						
Pile Cap Portion B8																															
B10.3113	AEL North - BD Stage 6 - Pile Cap Construction (Portion B8)	10	07-Sep-16	20-Sep-16	07-Sep-16*	20-Sep-16*	0%	0	-22																						
B10.3114	AEL North - BD Stage 6 - Underground Drainage (Portion B8)	6	10-Oct-16	18-Oct-16	10-Oct-16*	18-Oct-16*	0%	0	-38																						

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016			November 2016	
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23
Pile Cap Portion B9																										
B10.3144	AEL North - BD Stage 6 - Underground Drainage (Portion B9)	4	26-Aug-16	30-Aug-16	26-Aug-16	30-Aug-16*	0%	0	15																	
B10.3134	AEL North - BD Stage 6 - Pile Cap Construction (Portion B9)	12	26-Aug-16	08-Sep-16	26-Aug-16	08-Sep-16	0%	0	9																	
Pilecaps - Portion (A10a, A10b, A11 & A12)																										
B10.3600	AEL North - BD Stage 6 - Underground Drainage (Portion A10, A11, A12)	11	30-Aug-16	15-Sep-16	30-Aug-16	15-Sep-16	0%	0	625																	
B10.3640	AEL North - BD Stage 6 - Underground Drainage (Portion B7)	8	17-Sep-16	27-Sep-16	17-Sep-16	27-Sep-16	0%	0	33																	
B10.3630	AEL North - BD Stage 6 - Pile Cap Construction (Portion B7)	25	17-Sep-16	25-Oct-16	17-Sep-16	25-Oct-16	0%	0	33																	
Pile Cap Portion A10a																										
B10.3790	AEL North - BD Stage 6 - Pile Construction (Portion A10a)	5	27-Aug-16	03-Sep-16	27-Aug-16	03-Sep-16	0%	0	29																	
B10.3900	AEL North - BD Stage 6 - Underground Drainage (Portion A10a)	5	27-Aug-16	03-Sep-16	27-Aug-16	03-Sep-16	0%	0	633																	
Pile Cap Portion A11																										
B10.3720	AEL North - BD Stage 6 - Underground Drainage (Portion A11)	8	29-Aug-16	07-Sep-16	29-Aug-16	07-Sep-16	0%	0	623																	
B10.3710	AEL North - BD Stage 6 - Pile Cap Construction (Portion A11)	14	29-Aug-16	15-Sep-16	29-Aug-16	15-Sep-16	0%	0	24																	
Pile Cap Portion A12																										
B10.3740	AEL North - BD Stage 6 - Underground Drainage (Portion A12)	8	29-Aug-16	07-Sep-16	29-Aug-16	07-Sep-16	0%	0	623																	
B10.3730	AEL North - BD Stage 6 - Pile Cap Construction (Portion A12)	11	29-Aug-16	12-Sep-16	29-Aug-16	12-Sep-16	0%	0	24																	
Pilecaps - Portion (B6)																										
B10.3620	AEL North - BD Stage 5 - Underground Drainage (Portion B6)	12	22-Aug-16	08-Sep-16	22-Aug-16	08-Sep-16	0%	0	24																	
RC Structure for Water Tank																										
B10.3355	AEL North - Construct Water Tank Part 2 (West of Portion B1)	35	26-Aug-16	20-Oct-16	26-Aug-16	20-Oct-16	0%	0	604																	
B2/F Slabs																										
B2 Slab - Portion (A6, A7 & A8)																										
B10.3510	AEL North (Stage 5) - B2 Slab (Portion A8-2) includes corbel for ELS	6	01-Aug-16	09-Aug-16	22-Jul-16 A	11-Aug-16*	30%	-3	-23											B10.3510, AEL North (Stage 5) - B2 Slab (Portion A8-2) includes corbel for ELS						
B10.3480	AEL North - B2 Slab - Stage 5 (Portion A6, A7)	29	11-Jul-16	13-Aug-16	24-May-16 A	28-Sep-16	60%	-38	7											B10.3480, AEL North - B2 Slab - Stage 5 (Portion A6, A7)						
B2 Slab - Portion (B8 & A9)																										
B10.3530	AEL North - B2 Slab - Stage 7 (Portion A9)	9	08-Sep-16	20-Sep-16	08-Sep-16*	20-Sep-16*	0%	0	1																	
B10.3490	AEL North - B2 Slab - Stage 7 (Portion B8 & A9)	11	07-Sep-16	20-Sep-16	07-Sep-16	20-Sep-16	0%	0	168																	
B2 Slab - Portion (B9)																										
B10.3500	AEL North - B2 Slab - Stage 7 (Portion B9)	12	26-Aug-16	08-Sep-16	26-Aug-16	08-Sep-16	0%	0	9																	
B2 Slab - Portion (A10a, A10b, A11 & A12)																										
B10.3035	AEL North - B2 Slab - Stage 7 (Portion A10b)	7	05-Sep-16	13-Sep-16	05-Sep-16	13-Sep-16*	0%	0	29																	
B10.3045	AEL North - B2 Slab - Stage 7 (Portion A10a)	7	05-Sep-16	13-Sep-16	05-Sep-16	13-Sep-16	0%	0	73																	
B10.3075	AEL North - B2 Slab - Stage 7 (Portion A11)	13	13-Sep-16	28-Sep-16	13-Sep-16	28-Sep-16*	0%	0	25																	
B10.3085	AEL North - B2 Slab - Stage 7 (Portion A12)	11	12-Sep-16	29-Sep-16	12-Sep-16	29-Sep-16*	0%	0	19																	
B10.3005	AEL North - B2 Slab - Stage 7 (Portion A10, A11, A12)	21	05-Sep-16	29-Sep-16	05-Sep-16	29-Sep-16	0%	0	24																	
B2 Slab - Portion (B6 & B7)																										
B10.3022	AEL North - B2 Slab - Stage 5 (Portion B6)	18	17-Sep-16	15-Oct-16	17-Sep-16	15-Oct-16	0%	0	19																	
B10.3023	AEL North - B2 Slab - Stage 7 (Portion B7)	24	22-Sep-16	28-Oct-16	22-Sep-16	28-Oct-16	0%	0	33																	
B10.3024	Complete B2 Slab (exclude AEL Zone)	0		28-Oct-16		28-Oct-16	0%	0	33																	
AEL South																										
B10.2180	AEL South (DCS) - Construct Basement B2 Slab at -2.15mPD to -1.5mP	27	31-May-16	12-Jul-16	16-May-16 A	05-Aug-16	50%	-15	28											B10.2180, AEL South (DCS) - Construct Basement B2 Slab at -2.15mPD to -1.5mP						
B1/F Slab - Walls, Columns & B1/F Slabs																										
AEL North - B1/F Slab other than AEL Zone																										
B10.3055	AEL North - Wall, Column & B1 Slab (Portion B1B)	15	15-Mar-16	05-Apr-16	30-Mar-16 A	30-Aug-16	70%	-100	11											B10.3055, AEL North - Wall, Column & B1 Slab (Portion B1B)						
B10.3520	AEL North - Wall, Column & B1 Slab (Portion B1E)	22	31-May-16	04-Jul-16	16-Apr-16 A	13-Aug-16	20%	-26	45											B10.3520, AEL North - Wall, Column & B1 Slab (Portion B1E), AEL North						
B10.3060	AEL North - Wall, Column & B1 Slab (Portion B1C)	34	31-May-16	23-Jul-16	24-Mar-16 A	12-Aug-16	70%	-13	45											B10.3060, AEL North - Wall, Column & B1 Slab (Portion B1C), AEL North						

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016				
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06		
C10.0162	AEL Tunnel Zone - Erection of Temp Working Platform and Falsework for	50	29-Oct-16	28-Dec-16	12-Jul-16 A	15-Sep-16	20%	84	6																					
C10.0165	AEL Tunnel Zone - Truss 2 Construction Summary	124	24-Sep-16	24-Feb-17	24-Sep-16	24-Feb-17	0%	0	0																					
AEL Tunnel Zone -Trusses 5																														
C10.0168	AEL Tunnel Zone - Construct Composite Columns for Truss T5	26	06-Aug-16	06-Sep-16	23-Jul-16 A	30-Aug-16	10%	6	26																					
C10.0180	AEL Tunnel Zone - Truss 5 Concreting of 1st pour of bottom chord (750r	12	24-Sep-16	08-Oct-16	24-Sep-16	08-Oct-16	0%	0	6																					
C10.0215	AEL Tunnel Zone - Truss 5 install bottom steel plates	24	11-Oct-16	07-Nov-16	11-Oct-16	07-Nov-16	0%	0	6																					
C10.0220	AEL Tunnel Zone - Truss 5 install temp. platform, top nodes & inclined st	24	08-Nov-16	05-Dec-16	08-Nov-16	05-Dec-16	0%	0	6																					
C10.0225	AEL Tunnel Zone - Truss 5 Concreting of 2nd pour of bottom chord	15	18-Nov-16	05-Dec-16	18-Nov-16	05-Dec-16	0%	0	6																					
C10.0172	AEL Tunnel Zone - Erection of Temp Working Platform and Falsework for	50	29-Oct-16	28-Dec-16	12-Jul-16 A	15-Sep-16	20%	84	40																					
C10.0175	AEL Tunnel Zone - Truss 5 Construction Summary	105	24-Sep-16	02-Feb-17	24-Sep-16	02-Feb-17	0%	0	6																					
AEL South - Trusses 3																														
B6A.1999	AEL Tunnel Zone - Construct Composite/RC Columns for Truss T3	20	10-Aug-16	01-Sep-16	10-Aug-16*	01-Sep-16	0%	0	5																					
B6A.2000	AEL South - Erection of Temp Working Platform and Falsework for Truss	46	02-Sep-16	28-Oct-16	02-Sep-16*	28-Oct-16	0%	0	5																					
B6A.2030	AEL South - Truss 3 Concreting of 1st pour of bottom chord (750mm)	12	03-Nov-16	16-Nov-16	03-Nov-16	16-Nov-16	0%	0	5																					
B6A.2045	AEL South - Truss 3 install bottom steel plates	24	17-Nov-16	14-Dec-16	17-Nov-16	14-Dec-16	0%	0	5																					
B6A.2020	AEL South - Truss 3 Construction Summary	135	03-Nov-16	20-Apr-17	03-Nov-16	20-Apr-17	0%	0	5																					
AEL South - Trusses 4																														
B6A.2024	AEL Tunnel Zone - Construct Composite Columns for Truss T4	21	10-Aug-16	02-Sep-16	10-Aug-16	02-Sep-16	0%	0	54																					
B6A.2025	AEL South - Erection of Temp Working Platform and Falsework for Truss	46	02-Sep-16	28-Oct-16	02-Sep-16	28-Oct-16	0%	0	13																					
B6A.2040	AEL South - Truss 4 Concreting of 1st pour of bottom chord (750mm)	12	03-Nov-16	16-Nov-16	03-Nov-16	16-Nov-16	0%	0	5																					
B6A.2058	AEL South - Truss 4 install bottom steel plates	24	17-Nov-16	14-Dec-16	17-Nov-16	14-Dec-16	0%	0	5																					
B6A.2035	AEL South - Truss 4 Construction Summary	105	03-Nov-16	11-Mar-17	03-Nov-16	11-Mar-17	0%	0	5																					
G/F Slabs - Walls, Columns & G/F Slab																														
AEL North																														
B20.0000	Podium G/F Portion GF1A - Wall, Column & G/F slab (GL 8-10/A-D)	18	08-Oct-16	29-Oct-16	08-Oct-16	29-Oct-16	0%	0	8																					
B20.0005	Podium G/F Portion GF1 Tower Footprint - Wall, Column & Structure (GL	14	21-Oct-16	05-Nov-16	21-Oct-16	05-Nov-16	0%	0	8																					
B20.0015	Podium G/F Portion GF1 - Wall, Column & G/F slab (GL 4-7/A-D)	23	21-Oct-16	16-Nov-16	21-Oct-16	16-Nov-16	0%	0	2																					
B20.0050	Podium G/F Portion GF2 - Wall, Column & G/F slab (GL 1-4/A-D')	23	17-Nov-16	13-Dec-16	17-Nov-16	13-Dec-16	0%	0	2																					
1/F Slabs - Walls, Columns & 1/F Slab																														
AEL North																														
B20.0425	Podium 1/F Tower Footprint (Block A) - Core Wall, Column & 1/F Slab (C	18	14-Nov-16	03-Dec-16	14-Nov-16	03-Dec-16	0%	0	2																					
SPS Structures (include Excavation)																														
D01.3010	SPS - Construct Basement Structure	100	01-Aug-16	28-Nov-16	25-Jul-16 A	25-Nov-16	5%	2	-79																					
ICP Structures (include Excavation)																														
A3980	ICP - ELS works (Provisional)	110	31-May-16	12-Nov-16	20-May-16 A	24-Nov-16	30%	-10	-63																					
A4490	ICP - Structure works	244	25-Nov-16	21-Sep-17	25-Nov-16	21-Sep-17	0%	0	-74																					
Building Services																														
M+ Basement Building Service																														
B2/F MEP																														
First Fix																														
B40.8985	Early Access for Building Services (1st Fix)	0	10-Nov-16		10-Nov-16		0%	0	180																					
B40.8990	B2/F - Building Services - Zone A - 1st Fix	60	10-Nov-16	21-Jan-17	10-Nov-16	21-Jan-17	0%	0	180																					
B40.8995	B2/F - Building Services - 1st Fix - Summary	210	10-Nov-16	28-Jul-17	10-Nov-16	28-Jul-17	0%	0	40																					
SPS MEP																														
D01.3020	SPS - Installation of Sewage/Drainage Pipes and Manholes	70	26-Nov-16	22-Feb-17	26-Nov-16	22-Feb-17	0%	0	-79																					
ABWF																														

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016				August 2016				September 2016				October 2016				November 2016						
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06				
M+ Basement ABWF																																
B2/F ABWF																																
B30.0004	Early Access date for Builders Works at B2/F M+ Basement	0	14-Sep-16		14-Sep-16		0%	0	150																							
B30.0006	B2/F Zone A - Builder's Work	42	14-Sep-16	04-Nov-16	14-Sep-16	04-Nov-16	0%	0	150																							
B30.0020	B2/F Zone C - Builder's Work	42	22-Oct-16	09-Dec-16	22-Oct-16	09-Dec-16	0%	0	104																							
B30.0040	B2/F Zone E - Builder's Work	42	29-Oct-16	16-Dec-16	29-Oct-16	16-Dec-16	0%	0	133																							
B30.0050	B2/F Zone F - Builder's Work	42	12-Nov-16	03-Jan-17	12-Nov-16	03-Jan-17	0%	0	109																							
External Works																																
M+ External Works																																
Utilities																																
Drainage																																
EW1045	Construct M+ manholes S1.1, S3.2, S3.3, S3.4 (terminal)	91	01-Aug-16	30-Oct-16	01-Aug-16	30-Oct-16	0%	0	740																							
EW1010	Construct the DN375 and DN600 storm drains within the At-grade Road	75	01-Aug-16	17-Nov-16	01-Aug-16	17-Nov-16	0%	0	82																							
EW1040	Construct the DN150 storm drain within At-grade Road (M26)	72	18-Nov-16	16-Feb-17	18-Nov-16	16-Feb-17	0%	0	437																							
Storm Drain DN600 at Portion M45																																
Storm Drain along Gridline D'-E'/1'-2'																																
EW1750	PIW handover of WHC6_1c for M+ connection	0		01-Aug-16		01-Aug-16*	0%	0	-19																							
EW1700	Fence off work area for DN600 storm drain excavation	1	01-Aug-16	01-Aug-16	01-Aug-16	01-Aug-16	0%	0	284																							
EW1705	Excavate trial trench for existing Underground Utilities	14	01-Aug-16	20-Aug-16	01-Aug-16	20-Aug-16	0%	0	284																							
EW1708	Intall support to exisiting Underground Utilities	7	22-Aug-16	30-Aug-16	22-Aug-16	30-Aug-16	0%	0	284																							
EW1710	Excavate trench for DN600 and install shoring	10	02-Sep-16	15-Sep-16	02-Sep-16	15-Sep-16	0%	0	284																							
EW1730	Lay down DN600 pipe between WHC6_1c & MHS3.4	7	17-Sep-16	26-Sep-16	17-Sep-16	26-Sep-16	0%	0	284																							
EW1740	Backfill and reinstate pavement	2	27-Sep-16	29-Sep-16	27-Sep-16	29-Sep-16*	0%	0	284																							
Storm Drain along Gridline E'-G' / 1'-2'																																
EW1765	Complete B2 Slab, Columns & Walls at A6 & A7	0		05-Nov-16		05-Nov-16	0%	0	259																							
EW1755	Excavate Trial trench for exisitng Underground Utilities	14	07-Nov-16	22-Nov-16	07-Nov-16	22-Nov-16	0%	0	259																							
EW1758	Install support to existing Underground Utilities	7	23-Nov-16	30-Nov-16	23-Nov-16	30-Nov-16	0%	0	259																							
Storm Drain DN375 at Portion M45																																
Storm Drain along Gridline A-K' / 5'																																
EW1640	PIW handover of WHC6_1e for M+ connection	0		01-Aug-16		01-Aug-16*	0%	0	0																							
EW6110	Fence off Work area for DN375 storm drain excavation	1	02-Aug-16	02-Aug-16	02-Aug-16	02-Aug-16	0%	0	342																							
EW1615	Excavate Trial Trench for existing Underground Utilities	14	02-Aug-16	22-Aug-16	02-Aug-16	22-Aug-16	0%	0	342																							
EW1618	Install support to exisiting underground Utilities	14	23-Aug-16	12-Sep-16	23-Aug-16	12-Sep-16	0%	0	342																							
EW6120	Excavate trench for DN375 and install shoring	15	13-Sep-16	07-Oct-16	13-Sep-16	07-Oct-16	0%	0	342																							
EW6140	Lay down DN375 pipe between WHC6_1e	12	08-Oct-16	25-Oct-16	08-Oct-16	25-Oct-16	0%	0	342																							
EW6150	Backfill and reinstate pavement	4	27-Oct-16	31-Oct-16	27-Oct-16	31-Oct-16*	0%	0	342																							
Storm Drain DN150 at Portion M45																																
Storm Drain along Gridline A / 5' - 6'																																
EW1900	PIW handover of WHC6_1f for M+ connection	0		11-Aug-16		11-Aug-16*	0%	0	0																							
EW1910	Fence off work area for DN150 storm drain excavation	1	11-Aug-16	11-Aug-16	11-Aug-16	11-Aug-16	0%	0	355																							
EW1915	Excavate Trial Trench fo exisiting Underground Utilities	14	12-Aug-16	30-Aug-16	12-Aug-16	30-Aug-16	0%	0	355																							
EW1930	Install support to exisiting Underground Utilities	8	02-Sep-16	12-Sep-16	02-Sep-16	12-Sep-16	0%	0	355																							
EW1920	Excavate trench for DN150 and install shoring	6	13-Sep-16	22-Sep-16	13-Sep-16	22-Sep-16	0%	0	355																							
EW1940	Lay down DN150 and connect to WHC6_1f	9	23-Sep-16	07-Oct-16	23-Sep-16	07-Oct-16	0%	0	355																							
EW1950	Backfill and reinstate pavement	3	08-Oct-16	13-Oct-16	08-Oct-16	13-Oct-16*	0%	0	355																							
Storm Drain DN300 along Gridline G-M/14																																

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	July 2016					August 2016				September 2016				October 2016			November 2016				
										03	10	17	24	31	07	14	21	28	04	11	18	25	02	09	16	23	30	06		
Statutory Inspections & Occupation Permit (OP)																														
M+ Museum - Statutory Inspection & Approval																														
M+ Museum - WSD (FS Pipeworks) Inspection & Approval																														
SH4200	FS - Submit Form WW046 (Part 1 & 2) and Approval by WSD (Subject to	90	10-Aug-16	07-Nov-16	10-Aug-16*	07-Nov-16	0%	0	262	▶																				
SH4210	FS - Submit Form WW046 (Part 3) and Approval by WSD (by MJV)	12	08-Nov-16	19-Nov-16	08-Nov-16	19-Nov-16	0%	0	262	▶																				
M+ Museum - WSD (Plumbing) Inspection & Approval																														
SH4260	Plumbing - Submit Form WW046 (Part 1 & 2) to WSD (Subject to MJV 1	90	10-Aug-16	07-Nov-16	10-Aug-16*	07-Nov-16	0%	0	262	▶																				
SH4270	Plumbing - Submit Form WW046 (Part 3) to WSD (by MJV)	12	08-Nov-16	19-Nov-16	08-Nov-16	19-Nov-16	0%	0	262	▶																				
Summary Programme																														
M+																														
Foundation & Basement																														
SM1020	Pilecaps & U/G Drainage Construction	110	04-Jan-16	20-May-16	04-Jan-16 A	27-Sep-16	60%	-107	162	▶ Pilecaps & U/G Drainage Construct																				
SM1040	B1 Slab & RC Structure to LG/F	92	15-Mar-16	08-Jul-16	15-Mar-16 A	05-Jan-17	5%	-148	5	▶																				
SM1010	Excavation & ELS Works	310	02-Nov-15	18-Nov-16	02-Nov-15 A	25-Feb-17	84%	-79	16	▶																				
SM1030	B2 Slab & RC Structure to B1/F	321	25-Jan-16	25-Feb-17	25-Jan-16 A	22-Jun-17	40%	-94	29	▶																				
SM1110	Basement ABWF Works	384	14-Sep-16	02-Jan-18	14-Sep-16	02-Jan-18	0%	0	23	▶																				
Podium																														
SM1050	Trusses Construction	143	17-Sep-16	11-Mar-17	17-Sep-16	11-Mar-17	0%	0	5	▶																				
SM1060	G/F Slab & RC Structure to 3/F	317	08-Oct-16	02-Nov-17	08-Oct-16	02-Nov-17	0%	0	55	▶																				
SPS																														
SM1470	SPS RC Structure	100	01-Aug-16	28-Nov-16	25-Jul-16 A	25-Nov-16	1%	2	-79	▶																				
SM1480	SPS Building Services Works	140	26-Nov-16	22-May-17	26-Nov-16	22-May-17	0%	0	-79	▶																				
ICP																														
SM1415	ICP ELS and Excavation	137	31-May-16	12-Nov-16	20-May-16 A	24-Nov-16	30%	-10	-74	▶																				
SM1420	ICP RC Structure	244	25-Nov-16	21-Sep-17	25-Nov-16	21-Sep-17	0%	0	-74	▶																				
External Works																														
SM1400	M+ External Works	338	01-Aug-16	18-Sep-17	01-Aug-16	18-Sep-17	0%	0	265	▶																				

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016					
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04							
(3MRP-11) Three Months Rolling Programme Status at 31 Aug 2016																																			
Contract Key Dates & Milestones																																			
Contract Dates																																			
CP02	Contract Period (1218 days)	1216	26-Sep-15	23-Jan-19	26-Sep-15 A	20-Feb-19	28%	-28	-26																										
Schedule of Milestones																																			
Cost Centre A - Preliminaries and General Requirements																																			
MSA.06	Compliance Review to the CA's satisfaction on Project Time & C	0		31-Aug-16		31-Aug-16	0%	0	6																										
MSA.07	Compliance Review to the CA's satisfaction on Project Time & C	0		30-Sep-16		30-Sep-16	0%	0	6																										
Cost Centre B - M+																																			
MSB.04	Complete Pile Caps for Trusses 1, 2 & 5 (t=M9)	0		31-Aug-16		18-Aug-16 A	100%	0																											
MSB.05	Complete all Columns, Structural Cores and other work necessa	0		31-Oct-16		31-Oct-16	0%	0	28																										
MSB.03	Complete Excavation to 100% of Overall Volume of Bulk Excav.	0		31-Oct-16		31-Oct-16	0%	0	28																										
Cost Centre C - Public Works and Tunnel Protection Works																																			
MSC.03	Complete Pile Caps for Trusses 1, 2 & 5 (t=M9)	0		31-Aug-16		31-Aug-16 A	100%	0																											
MSC.02	First delivery of major Truss Steelwork elements to the Site for	0		30-Sep-16		30-Sep-16	0%	0	29																										
MSC.04i	Complete of all work necessary for commencement of erection	0		31-Oct-16		31-Oct-16	0%	0	28																										
MSC.04ii	Complete all Columns, Structural Cores and other work necessa	0		31-Oct-16		31-Oct-16	0%	0	28																										
MSC.01	Obtain Notice of No Objection from Contract Administrator for a	0		31-Oct-16		31-Oct-16	0%	0	28																										
Interface Dates																																			
Access Date																																			
AD1180	M16 - Lyric Interface South (2nd access) (30Jun16)	0	15-Aug-16		22-Aug-16 A		100%	-7																											
AD1160	M15 - M+ / Lyric Staircase (2nd access) (30Jun16)	0	15-Aug-16		22-Aug-16 A		100%	-7																											
AD1350	M39 - Lyric Waterfront / through ESS Compound (Subject to Gov't Approval - S	0	31-Aug-16		31-Aug-16 A		100%	0																											
AD1420	M45 - At-grade Road Footpath along M+ Basement (from PIW)	0	31-Aug-16		31-Aug-16		0%	0	341																										
AD1530	M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (t.b	0	31-Aug-16		31-Aug-16		0%	0	878																										
AD1340	M38 - Lyric Waterfront (Part of MTR Area A1) (from Lyric) (31A	0	31-Aug-16		31-Aug-16 A		100%	0																											
AD1410	M44 - At-grade Road Footpath at ICP / SPS Frontage (from PIW	0	31-Aug-16		31-Aug-16		0%	0	386																										
AD1380	M42 - Lyric Waterfront East of Barging Point	0	01-Oct-16		30-Aug-16 A		100%	32																											
AD1370	M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3) (F	0	01-Oct-16		30-Aug-16 A		100%	32																											
AD1110	M12 - Lyric Interface North (2nd access) (30Nov16)	0	09-Oct-16		09-Oct-16		0%	0	68																										
Vacation Date																																			
VD1240	M22 - ICP/SPS Frontage within At-grade Road (H/O to PIW) (30	0		31-Aug-16		31-Aug-16	0%	0	-114																										
Interface Schedule (Refer to Interface Schedule - Appendix D1 20-Nov-2015)																																			
Lyric Theatre Complex and Extended Basement (Lyric)																																			
Along Interface North of AEL																																			
IF1020	Complete excavation north of AEL for B2/F slab and vacate M12	0		02-Sep-16		02-Sep-16	0%	0	85																										
IF1060	Take possession of M12 for external wall construction	0	14-Oct-16		14-Oct-16		0%	0	63																										
Along Interface South of AEL																																			
IF1050	Take possession of M38 and M39	0	31-Aug-16		31-Aug-16 A		100%	0																											

- ◆ Baseline Milestone
- Primary Baseline
- ◆ Milestone
- Non-Critical
- Critical Bar
- Actual Work

West Kowloon Cultural District Authority
(3MRP-11) Three Months Rolling Programme
Status at 31 Aug 2016



CMWP-10			
Date	Revision	Checked	Approved
14-Jun-16	(3MRP-08) Monthly Update Status at 31 May 2016	Jojo	Ricky Lau / Chris Chau
13-Jul-16	(3MRP-09) Monthly Update Status at 30 June 2016	Jojo	Ricky Lau / Chris Chau
08-Aug-16	(3MRP-10) Monthly Update Status at 31 July 2016	Jojo	Ricky Lau / Chris Chau
08-Sep-16	(3MRP-11) Monthly Update Status at 31 July 2016	Chris Silcock	Ricky Lau / Chris Chau

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016										
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29				
IF4110	Install two DN600 Seawater Intake mains, DN100 Chlorination	120	02-Sep-16	09-Feb-17	02-Sep-16	09-Feb-17	0%	0	395																															
Summary Facade Programme																																								
Major Key Milestone Dates																																								
SMS.1010	Start of Embeds Installation at M+ Podium	0	11-Oct-16		11-Oct-16		0%	0	837																															
Pre-Construction, Procurements & Bulk Production																																								
SUM.0050	Facade - Material Submission	205	31-Mar-16	03-Dec-16	22-Oct-15 A	29-Sep-16	80%	54	41																															
SUM.0060	Facade - Visual Mock-Up	231	31-Mar-16	06-Jan-17	27-Oct-15 A	18-Nov-16	70%	39	73																															
SUM.0020	Facade - Shop Drawings	145	31-Mar-16	22-Sep-16	05-Mar-16 A	09-Nov-16	30%	-38	127																															
SUM.0030	Facade - Embed BD Submission	204	26-Apr-16	30-Dec-16	14-Mar-16 A	12-Jan-17	50%	-10	36																															
SUM.0040	Facade - BD Submission	180	15-Jul-16	22-Feb-17	05-Jun-16 A	13-Apr-17	10%	-43	242																															
SUM.0080	Facade - Performance Test Mock-Up	263	31-Aug-16	22-Jul-17	31-Aug-16	22-Jul-17	0%	0	138																															
SUM.0025	Facade Door - Shop Drawings	79	31-Aug-16	03-Dec-16	31-Aug-16	03-Dec-16	0%	0	12																															
SUM.0070	Facade - Production Mock-Up	172	30-Sep-16	05-May-17	30-Sep-16	05-May-17	0%	0	84																															
M+ RC Structure																																								
M+ Podium																																								
SUM.0100	Podium - B1/Floor Slab Structure	215	31-Mar-16	15-Dec-16	15-Mar-16 A	22-Nov-16	30%	20	85																															
SUM.0110	Podium - Grd/Flr Slab Structure	272	11-Oct-16	08-Sep-17	11-Oct-16	08-Sep-17	0%	0	70																															
SUM.0120	Podium - 1st/Flr Slab Structure	260	10-Nov-16	25-Sep-17	10-Nov-16	25-Sep-17	0%	0	392																															
Preliminaries																																								
Pre-Construction - Design & Procurements																																								
External Facade for M+ Podium (By Permasteelisa)																																								
Facade Shop Drawing Submission																																								
Tower Facade																																								
DS.2004.12	Approval	11	18-Aug-16	30-Aug-16	18-Aug-16 A	12-Sep-16	0%	-11	107																															
Podium Facade																																								
DS.2004.18	2nd Submission	6	20-Aug-16	26-Aug-16	30-Jul-16 A	05-Sep-16	20%	-8	30																															
DS.2004.20	Comment on 2nd Submission	11	06-Sep-16	19-Sep-16	06-Sep-16	19-Sep-16	0%	0	30																															
DS.2004.22	3rd Submission	6	20-Sep-16	26-Sep-16	20-Sep-16	26-Sep-16	0%	0	30																															
DS.2004.24	Approval	12	27-Sep-16	12-Oct-16	27-Sep-16	12-Oct-16	0%	0	30																															
Glass Wall with T Mullion (Kinked & Straight B1/F & G/F),CW-01a to 03d																																								
DS.2004.28	Comment on 1st Submission	10	10-Aug-16	20-Aug-16	30-Jul-16 A	09-Sep-16	5%	-17	3																															
DS.2004.30	2nd Submission	5	10-Sep-16	15-Sep-16	10-Sep-16	15-Sep-16	0%	0	3																															
DS.2004.32	Comment on 2nd Submission	10	19-Sep-16	30-Sep-16	19-Sep-16	30-Sep-16	0%	0	3																															
DS.2004.34	3rd Submission	7	30-Sep-16	08-Oct-16	30-Sep-16	08-Oct-16	0%	0	3																															
DS.2004.36	Approval	12	11-Oct-16	24-Oct-16	11-Oct-16	24-Oct-16	0%	0	3																															
Glass Wall with Precast Mullion & Ceramic Mullion,CW-04-05d and 07																																								
DS.2004.38	1st Submission	10	30-May-16	10-Jun-16	30-May-16 A	05-Sep-16	70%	-72	26																															
DS.2004.40	Comment on 1st Submission	10	06-Sep-16	17-Sep-16	06-Sep-16	17-Sep-16	0%	0	26																															
DS.2004.42	2nd Submission	6	19-Sep-16	24-Sep-16	19-Sep-16	24-Sep-16	0%	0	26																															
DS.2004.44	Comment on 2nd Submission	11	27-Sep-16	11-Oct-16	27-Sep-16	11-Oct-16	0%	0	26																															
DS.2004.46	3rd Submission	6	12-Oct-16	18-Oct-16	12-Oct-16	18-Oct-16	0%	0	26																															
DS.2004.48	Approval	12	19-Oct-16	01-Nov-16	19-Oct-16	01-Nov-16	0%	0	26																															
Podium Ceramic Concrete Tubes & with Perforated Cladding, FAC-CW-07																																								

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016	
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	
DS.2004.50	1st Submission	10	31-May-16	11-Jun-16	27-May-16	12-Sep-16	30%	-77	20	DS.2004.50, 1st Submission, 1st Submission																			
DS.2004.52	Comment on 1st Submission	10	14-Sep-16	26-Sep-16	14-Sep-16	26-Sep-16	0%	0	20	DS.2004.52, Comment on 1st Submission																			
DS.2004.54	2nd Submission	6	27-Sep-16	04-Oct-16	27-Sep-16	04-Oct-16	0%	0	20	DS.2004.54, 2nd Submission																			
DS.2004.56	Comment on 2nd Submission	11	05-Oct-16	18-Oct-16	05-Oct-16	18-Oct-16	0%	0	20	DS.2004.56, Comment on 2nd Submission																			
DS.2004.58	3rd Submission	6	19-Oct-16	25-Oct-16	19-Oct-16	25-Oct-16	0%	0	20	DS.2004.58, 3rd Submission																			
DS.2004.60	Approval	12	26-Oct-16	08-Nov-16	26-Oct-16	08-Nov-16	0%	0	20	DS.2004.60, Approval																			
Garden Gallery Ceramic Cladding & Ceiling,CE-03a,03b,03c																													
DS.2004.62	1st Submission	10	30-Apr-16	12-May-16	17-Apr-16 A	12-Sep-16	90%	-101	82	DS.2004.62, 1st Submission, 1st Submission																			
DS.2004.64	Comment on 1st Submission	11	13-Sep-16	27-Sep-16	13-Sep-16	27-Sep-16	0%	0	82	DS.2004.64, Comment on 1st Submission																			
DS.2004.66	2nd Submission	6	27-Sep-16	05-Oct-16	27-Sep-16	05-Oct-16	0%	0	82	DS.2004.66, 2nd Submission																			
DS.2004.68	Comment on 2nd Submission	11	05-Oct-16	19-Oct-16	05-Oct-16	19-Oct-16	0%	0	82	DS.2004.68, Comment on 2nd Submission																			
DS.2004.70	3rd Submission	6	19-Oct-16	26-Oct-16	19-Oct-16	26-Oct-16	0%	0	82	DS.2004.70, 3rd Submission																			
DS.2004.72	Approval	12	26-Oct-16	09-Nov-16	26-Oct-16	09-Nov-16	0%	0	82	DS.2004.72, Approval																			
L3 Storefront,CW-08a,08b																													
DS.2004.78	2nd Submission	5	10-Aug-16	15-Aug-16	22-Jul-16 A	02-Sep-16	70%	-16	153	DS.2004.78, 2nd Submission, 2nd Submission																			
DS.2004.80	Comment on 2nd Submission	11	03-Sep-16	15-Sep-16	03-Sep-16	15-Sep-16	0%	0	153	DS.2004.80, Comment on 2nd Submission																			
DS.2004.82	3rd Submission	6	17-Sep-16	23-Sep-16	17-Sep-16	23-Sep-16	0%	0	153	DS.2004.82, 3rd Submission																			
DS.2004.84	Approval	12	24-Sep-16	08-Oct-16	24-Sep-16	08-Oct-16	0%	0	153	DS.2004.84, Approval																			
Strip Glazing at Skylight Gallery L3 & Plaza Skylight,CW10,SK-01,02																													
DS.2004.86	1st Submission	10	31-May-16	11-Jun-16	14-May-16	07-Sep-16	50%	-73	81	DS.2004.86, 1st Submission, 1st Submission																			
DS.2004.88	Comment on 1st Submission	10	08-Sep-16	20-Sep-16	08-Sep-16	20-Sep-16	0%	0	81	DS.2004.88, Comment on 1st Submission																			
DS.2004.90	2nd Submission	5	21-Sep-16	26-Sep-16	21-Sep-16	26-Sep-16	0%	0	81	DS.2004.90, 2nd Submission																			
DS.2004.92	Comment on 2nd Submission	11	28-Sep-16	12-Oct-16	28-Sep-16	12-Oct-16	0%	0	81	DS.2004.92, Comment on 2nd Submission																			
DS.2004.94	3rd Submission	6	13-Oct-16	19-Oct-16	13-Oct-16	19-Oct-16	0%	0	121	DS.2004.94, 3rd Submission																			
DS.2004.96	Approval	12	20-Oct-16	02-Nov-16	20-Oct-16	02-Nov-16	0%	0	121	DS.2004.96, Approval																			
Shop Drawings Metal Cladding FAC-LV-01b (Additional Scope)																													
DS.2004.106	1st Submission	11	31-Aug-16	13-Sep-16	31-Aug-16*	13-Sep-16	0%	0	102	DS.2004.106, 1st Submission																			
DS.2004.116	Comment on 1st Submission	12	13-Sep-16	28-Sep-16	13-Sep-16	28-Sep-16	0%	0	102	DS.2004.116, Comment on 1st Submission																			
DS.2004.126	2nd Submission	5	28-Sep-16	05-Oct-16	28-Sep-16	05-Oct-16	0%	0	102	DS.2004.126, 2nd Submission																			
DS.2004.136	Comment on 2nd Submission	11	05-Oct-16	19-Oct-16	05-Oct-16	19-Oct-16	0%	0	102	DS.2004.136, Comment on 2nd Submission																			
DS.2004.146	3rd Submission	6	19-Oct-16	26-Oct-16	19-Oct-16	26-Oct-16	0%	0	102	DS.2004.146, 3rd Submission																			
DS.2004.156	Approval	11	26-Oct-16	08-Nov-16	26-Oct-16	08-Nov-16	0%	0	102	DS.2004.156, Approval																			
Facade Doors - Shop Drawings Submission (Additional Works)																													
Facade Door Package # 1: Glazed Doors Bet Ceramic Concrete Mullion (Total = 53 nos)																													
DS.2004.166	Facade Door Package # 1 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	14	DS.2004.166, Facade Door Package # 1 - 1st Submission																			
DS.2004.176	Facade Door Package # 1 - Comment on 1st Submission	12	17-Sep-16	30-Sep-16	17-Sep-16	30-Sep-16	0%	0	14	DS.2004.176, Facade Door Package # 1 - Comment on 1st Submission																			
DS.2004.186	Facade Door Package # 1 - 2nd Submission	17	03-Oct-16	22-Oct-16	03-Oct-16	22-Oct-16	0%	0	14	DS.2004.186, Facade Door Package # 1 - 2nd Submission																			
DS.2004.196	Facade Door Package # 1 - Comment on 2nd Submission	10	24-Oct-16	03-Nov-16	24-Oct-16	03-Nov-16	0%	0	14	DS.2004.196, Facade Door Package # 1 - Comment on 2nd Submission																			
DS.2004.206	Facade Door Package # 1 - 3rd Submission	12	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	14	DS.2004.206, Facade Door Package # 1 - 3rd Submission																			
DS.2004.216	Facade Door Package # 1 - Approval	12	18-Nov-16	01-Dec-16	18-Nov-16	01-Dec-16	0%	0	14	DS.2004.216, Facade Door Package # 1 - Approval																			
Facade Door Package # 2: Sliding Door in L3 Storefront (Total = 4 nos automatic)																													
DS.2004.226	Facade Door Package # 2 - 1st Submission	12	31-Aug-16	13-Sep-16	31-Aug-16*	13-Sep-16	0%	0	16	DS.2004.226, Facade Door Package # 2 - 1st Submission																			
DS.2004.236	Facade Door Package # 2 - Comment on 1st Submission	12	14-Sep-16	28-Sep-16	14-Sep-16	28-Sep-16	0%	0	16	DS.2004.236, Facade Door Package # 2 - Comment on 1st Submission																			
DS.2004.246	Facade Door Package # 2 - 2nd Submission	18	29-Sep-16	22-Oct-16	29-Sep-16	22-Oct-16	0%	0	16	DS.2004.246, Facade Door Package # 2 - 2nd Submission																			

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016									
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25								
DS.2004.256	Facade Door Package # 2 - Comment on 2nd Submission	11	22-Oct-16	04-Nov-16	22-Oct-16	04-Nov-16	0%	0	16																														
DS.2004.266	Facade Door Package # 2 - 3rd Submission	11	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	16																														
DS.2004.276	Facade Door Package # 2 - Approval	11	17-Nov-16	30-Nov-16	17-Nov-16	30-Nov-16	0%	0	16																														
Facade Door Package # 3: Swing Door at L3 Cafe (Total = 1 no Manual)																																							
DS.2004.286	Facade Door Package # 3 - 1st Submission	12	31-Aug-16	13-Sep-16	31-Aug-16*	13-Sep-16	0%	0	27																														
DS.2004.296	Facade Door Package # 3 - Comment on 1st Submission	12	14-Sep-16	28-Sep-16	14-Sep-16	28-Sep-16	0%	0	27																														
DS.2004.306	Facade Door Package # 3 - 2nd Submission	12	29-Sep-16	15-Oct-16	29-Sep-16	15-Oct-16	0%	0	27																														
DS.2004.316	Facade Door Package # 3 - Comment on 2nd Submission	12	15-Oct-16	29-Oct-16	15-Oct-16	29-Oct-16	0%	0	27																														
DS.2004.326	Facade Door Package # 3 - 3rd Submission	5	29-Oct-16	04-Nov-16	29-Oct-16	04-Nov-16	0%	0	27																														
DS.2004.336	Facade Door Package # 3 - Approval	11	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	27																														
Facade Door Package # 4: Swing Door Mounted in GW with T-Mullion (Total = 29 nos)																																							
DS.2004.346	Facade Door Package # 4 - 1st Submission	14	01-Sep-16	19-Sep-16	01-Sep-16*	19-Sep-16	0%	0	14																														
DS.2004.356	Facade Door Package # 4 - Comment on 1st Submission	12	20-Sep-16	04-Oct-16	20-Sep-16	04-Oct-16	0%	0	14																														
DS.2004.366	Facade Door Package # 4 - 2nd Submission	14	05-Oct-16	21-Oct-16	05-Oct-16	21-Oct-16	0%	0	14																														
DS.2004.376	Facade Door Package # 4 - Comment on 2nd Submission	13	22-Oct-16	05-Nov-16	22-Oct-16	05-Nov-16	0%	0	14																														
DS.2004.386	Facade Door Package # 4 - 3rd Submission	10	07-Nov-16	17-Nov-16	07-Nov-16	17-Nov-16	0%	0	14																														
DS.2004.396	Facade Door Package # 4 - Approval	12	18-Nov-16	01-Dec-16	18-Nov-16	01-Dec-16	0%	0	14																														
Facade Door Package # 5: Large Double Door at B1/F Transformaer Room (Total = 1 no manual)																																							
DS.2004.406	Facade Door Package # 5 - 1st Submission	14	01-Sep-16	19-Sep-16	01-Sep-16*	19-Sep-16	0%	0	24																														
DS.2004.416	Facade Door Package # 5 - Comment on 1st Submission	12	19-Sep-16	04-Oct-16	19-Sep-16	04-Oct-16	0%	0	24																														
DS.2004.426	Facade Door Package # 5 - 2nd Submission	11	04-Oct-16	18-Oct-16	04-Oct-16	18-Oct-16	0%	0	24																														
DS.2004.436	Facade Door Package # 5 - Comment on 2nd Submission	10	19-Oct-16	29-Oct-16	19-Oct-16	29-Oct-16	0%	0	24																														
DS.2004.446	Facade Door Package # 5 - 3rd Submission	6	31-Oct-16	05-Nov-16	31-Oct-16	05-Nov-16	0%	0	24																														
DS.2004.456	Facade Door Package # 5 - Approval	12	07-Nov-16	19-Nov-16	07-Nov-16	19-Nov-16	0%	0	24																														
Facade Door Package # 6: B1/F Exit Doors (Total = 7 nos manual)																																							
DS.2004.466	Facade Door Package # 6 - 1st Submission	13	01-Sep-16	17-Sep-16	01-Sep-16*	17-Sep-16	0%	0	24																														
DS.2004.476	Facade Door Package # 6 - Comment on 1st Submission	10	19-Sep-16	29-Sep-16	19-Sep-16	29-Sep-16	0%	0	24																														
DS.2004.486	Facade Door Package # 6 - 2nd Submission	12	30-Sep-16	15-Oct-16	30-Sep-16	15-Oct-16	0%	0	24																														
DS.2004.496	Facade Door Package # 6 - Comment on 2nd Submission	12	17-Oct-16	29-Oct-16	17-Oct-16	29-Oct-16	0%	0	24																														
DS.2004.506	Facade Door Package # 6 - 3rd Submission	6	31-Oct-16	05-Nov-16	31-Oct-16	05-Nov-16	0%	0	24																														
DS.2004.516	Facade Door Package # 6 - Approval	12	07-Nov-16	19-Nov-16	07-Nov-16	19-Nov-16	0%	0	24																														
Facade Door Package # 7: Garden Gallery Door (Total = 2 nos manual)																																							
DS.2004.526	Facade Door Package # 7 - 1st Submission	12	31-Aug-16	13-Sep-16	31-Aug-16*	13-Sep-16	0%	0	28																														
DS.2004.536	Facade Door Package # 7 - Comment on 1st Submission	12	14-Sep-16	28-Sep-16	14-Sep-16	28-Sep-16	0%	0	28																														
DS.2004.546	Facade Door Package # 7 - 2nd Submission	12	29-Sep-16	15-Oct-16	29-Sep-16	15-Oct-16	0%	0	28																														
DS.2004.556	Facade Door Package # 7 - Comment on 2nd Submission	11	15-Oct-16	28-Oct-16	15-Oct-16	28-Oct-16	0%	0	28																														
DS.2004.566	Facade Door Package # 7 - 3rd Submission	6	28-Oct-16	04-Nov-16	28-Oct-16	04-Nov-16	0%	0	28																														
DS.2004.576	Facade Door Package # 7 - Approval	10	04-Nov-16	16-Nov-16	04-Nov-16	16-Nov-16	0%	0	28																														
Facade Door Package # 8: Door Loacted at Metal Claddings (Total = 20 nos manual)																																							
DS.2004.586	Facade Door Package # 8 - 1st Submission	11	01-Sep-16	14-Sep-16	01-Sep-16*	14-Sep-16	0%	0	32																														
DS.2004.596	Facade Door Package # 8 - Comment on 1st Submission	12	15-Sep-16	29-Sep-16	15-Sep-16	29-Sep-16	0%	0	32																														
DS.2004.606	Facade Door Package # 8 - 2nd Submission	6	30-Sep-16	07-Oct-16	30-Sep-16	07-Oct-16	0%	0	32																														
DS.2004.616	Facade Door Package # 8 - Comment on 2nd Submission	11	08-Oct-16	21-Oct-16	08-Oct-16	21-Oct-16	0%	0	32																														
DS.2004.626	Facade Door Package # 8 - 3rd Submission	6	22-Oct-16	28-Oct-16	22-Oct-16	28-Oct-16	0%	0	32																														

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11			
DS.2004.636	Facade Door Package # 8 - Approval	11	29-Oct-16	10-Nov-16	29-Oct-16	10-Nov-16	0%	0	32																							
Facade Door Package # 9: G/F Access Door in Ceramic Tube (Total = 8 nos)																																
DS.2004.646	Facade Door Package # 9 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	25																							
DS.2004.656	Facade Door Package # 9 - Comment on 1st Submission	12	15-Sep-16	30-Sep-16	15-Sep-16	30-Sep-16	0%	0	25																							
DS.2004.666	Facade Door Package # 9 - 2nd Submission	12	03-Oct-16	17-Oct-16	03-Oct-16	17-Oct-16	0%	0	25																							
DS.2004.676	Facade Door Package # 9 - Comment on 2nd Submission	11	18-Oct-16	29-Oct-16	18-Oct-16	29-Oct-16	0%	0	25																							
DS.2004.686	Facade Door Package # 9 - 3rd Submission	6	31-Oct-16	05-Nov-16	31-Oct-16	05-Nov-16	0%	0	25																							
DS.2004.696	Facade Door Package # 9 - Approval	11	07-Nov-16	18-Nov-16	07-Nov-16	18-Nov-16	0%	0	25																							
Facade Door Package # 10: B1/F Carriageway Access Panel / Doors (Total = 24 nos)																																
DS.2004.706	Facade Door Package # 10 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	12																							
DS.2004.716	Facade Door Package # 10 - Comment on 1st Submission	11	15-Sep-16	29-Sep-16	15-Sep-16	29-Sep-16	0%	0	12																							
DS.2004.726	Facade Door Package # 10 - 2nd Submission	18	30-Sep-16	22-Oct-16	30-Sep-16	22-Oct-16	0%	0	12																							
DS.2004.736	Facade Door Package # 10 - Comment on 2nd Submission	12	24-Oct-16	05-Nov-16	24-Oct-16	05-Nov-16	0%	0	12																							
DS.2004.746	Facade Door Package # 10 - 3rd Submission	12	07-Nov-16	19-Nov-16	07-Nov-16	19-Nov-16	0%	0	12																							
DS.2004.756	Facade Door Package # 10 - Approval	12	21-Nov-16	03-Dec-16	21-Nov-16	03-Dec-16	0%	0	12																							
Facade Door Package # 11: CSF Bldg (Total = 2 nos)																																
DS.2004.766	Facade Door Package # 11 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	26																							
DS.2004.776	Facade Door Package # 11 - Comment on 1st Submission	12	17-Sep-16	30-Sep-16	17-Sep-16	30-Sep-16	0%	0	26																							
DS.2004.786	Facade Door Package # 11 - 2nd Submission	11	03-Oct-16	15-Oct-16	03-Oct-16	15-Oct-16	0%	0	26																							
DS.2004.796	Facade Door Package # 11 - Comment on 2nd Submission	10	17-Oct-16	27-Oct-16	17-Oct-16	27-Oct-16	0%	0	26																							
DS.2004.806	Facade Door Package # 11 - 3rd Submission	6	28-Oct-16	03-Nov-16	28-Oct-16	03-Nov-16	0%	0	26																							
DS.2004.816	Facade Door Package # 11 - Approval	12	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	26																							
Facade Door Package # 12: B1/F Smoke Vent Panel (Total = 1 no)																																
DS.2004.826	Facade Door Package # 12 - 1st Submission	12	01-Sep-16	15-Sep-16	01-Sep-16*	15-Sep-16	0%	0	24																							
DS.2004.836	Facade Door Package # 12 - Comment on 1st Submission	11	17-Sep-16	29-Sep-16	17-Sep-16	29-Sep-16	0%	0	24																							
DS.2004.846	Facade Door Package # 12 - 2nd Submission	12	30-Sep-16	15-Oct-16	30-Sep-16	15-Oct-16	0%	0	24																							
DS.2004.856	Facade Door Package # 12 - Comment on 2nd Submission	12	17-Oct-16	29-Oct-16	17-Oct-16	29-Oct-16	0%	0	24																							
DS.2004.866	Facade Door Package # 12 - 3rd Submission	6	31-Oct-16	05-Nov-16	31-Oct-16	05-Nov-16	0%	0	24																							
DS.2004.876	Facade Door Package # 12 - Approval	12	07-Nov-16	19-Nov-16	07-Nov-16	19-Nov-16	0%	0	24																							
Embed BD Submission																																
M+ Podium																																
M+ Podium (B1/F) - Embed Submission																																
DS.2005.10	BD Submission & Approval	60	11-Aug-16	09-Oct-16	16-Jul-16 A	03-Sep-16	30%	36	16																							
DS.2005.12	Preparation of BD Consent Application	5	05-Sep-16	09-Sep-16	05-Sep-16	09-Sep-16	0%	0	12																							
DS.2005.14	BD Consent Application	30	10-Sep-16	09-Oct-16	10-Sep-16	09-Oct-16	0%	0	16																							
M+ Podium (G/F to 3/F) - Embed Submission																																
DS.2005.22	RSC Submitted to BD	3	31-Aug-16	02-Sep-16	31-Aug-16	02-Sep-16	0%	0	6																							
DS.2005.24	BD Submission & Approval	60	03-Sep-16	01-Nov-16	03-Sep-16	01-Nov-16	0%	0	7																							
DS.2005.26	Preparation of BD Consent Application	6	02-Nov-16	08-Nov-16	02-Nov-16	08-Nov-16	0%	0	6																							
DS.2005.28	BD Consent Application	30	09-Nov-16	08-Dec-16	09-Nov-16	08-Dec-16	0%	0	7																							
M+ Tower																																
M+ Tower (4/F to RF/F) - Embed Submission																																
DS.2006.02	1st embed BD submission to Consultants	11	31-Aug-16	12-Sep-16	31-Aug-16	12-Sep-16	0%	0	37																							
DS.2006.04	1st embed BD submission Comments	11	13-Sep-16	26-Sep-16	13-Sep-16	26-Sep-16	0%	0	37																							

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016									
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25								
DS.2006.06	2nd embed BD submission to Consultants	6	27-Sep-16	04-Oct-16	27-Sep-16	04-Oct-16	0%	0	37																														
DS.2006.08	RSC Submitted to BD	3	05-Oct-16	08-Oct-16	05-Oct-16	08-Oct-16	0%	0	37																														
DS.2006.10	BD Submission & Approval	60	08-Oct-16	07-Dec-16	08-Oct-16	07-Dec-16	0%	0	45																														
BD Submission, Consent & Approval																																							
Tower Precast Unitized Facade																																							
DS.2016.12	1st BD Submission to Consultant	10	15-Jul-16	27-Jul-16	05-Jun-16 A	12-Sep-16	60%	-40	30																														
DS.2016.14	Comment on 1st Submission	11	13-Sep-16	26-Sep-16	13-Sep-16	26-Sep-16	0%	0	30																														
DS.2016.16	2nd Submission	10	27-Sep-16	08-Oct-16	27-Sep-16	08-Oct-16	0%	0	30																														
DS.2016.18	Comment on 2nd Submission	11	11-Oct-16	24-Oct-16	11-Oct-16	24-Oct-16	0%	0	30																														
DS.2016.20	3rd Submission	10	24-Oct-16	03-Nov-16	24-Oct-16	03-Nov-16	0%	0	30																														
DS.2016.22	Comment on 3rd Submission	12	04-Nov-16	17-Nov-16	04-Nov-16	17-Nov-16	0%	0	30																														
DS.2016.24	RSE Submitted to BD	4	18-Nov-16	22-Nov-16	18-Nov-16	22-Nov-16	0%	0	30																														
DS.2016.26	BD Submission & Approval	60	23-Nov-16	21-Jan-17	23-Nov-16	21-Jan-17	0%	0	37																														
Podium Precast Unitized Facade																																							
DS.2016.32	1st BD Submission to Consultant	9	31-Aug-16	09-Sep-16	31-Aug-16*	09-Sep-16	0%	0	93																														
DS.2016.34	Comment on 1st Submission	12	10-Sep-16	24-Sep-16	10-Sep-16	24-Sep-16	0%	0	93																														
DS.2016.36	2nd Submission	9	26-Sep-16	06-Oct-16	26-Sep-16	06-Oct-16	0%	0	93																														
DS.2016.38	Comment on 2nd Submission	11	07-Oct-16	20-Oct-16	07-Oct-16	20-Oct-16	0%	0	93																														
DS.2016.40	3rd Submission	11	21-Oct-16	02-Nov-16	21-Oct-16	02-Nov-16	0%	0	93																														
DS.2016.42	Comment on 3rd Submission	11	03-Nov-16	15-Nov-16	03-Nov-16	15-Nov-16	0%	0	93																														
DS.2016.44	RSE Submitted to BD	3	16-Nov-16	19-Nov-16	16-Nov-16	19-Nov-16	0%	0	93																														
DS.2016.46	BD Submission & Approval	60	19-Nov-16	18-Jan-17	19-Nov-16	18-Jan-17	0%	0	116																														
Glass Wall with T Mullion (Kinked & Straight B1/F & G/F),CW-01a-03d																																							
DS.2016.52	1st BD Submission to Consultant	10	18-Oct-16	28-Oct-16	18-Oct-16	28-Oct-16	0%	0	93																														
DS.2016.54	Comment on 1st Submission	11	29-Oct-16	11-Nov-16	29-Oct-16	11-Nov-16	0%	0	93																														
DS.2016.56	2nd Submission	10	11-Nov-16	23-Nov-16	11-Nov-16	23-Nov-16	0%	0	93																														
DS.2016.58	Comment on 2nd Submission	12	23-Nov-16	07-Dec-16	23-Nov-16	07-Dec-16	0%	0	93																														
Glass Wall with Precast Mullion & Ceramic Mullion,CW-04 to 05d and 07																																							
DS.2016.72	1st BD Submission to Consultant	10	20-Sep-16	30-Sep-16	20-Sep-16*	30-Sep-16	0%	0	87																														
DS.2016.74	Comment on 1st Submission	11	03-Oct-16	17-Oct-16	03-Oct-16	17-Oct-16	0%	0	87																														
DS.2016.76	2nd Submission	11	18-Oct-16	29-Oct-16	18-Oct-16	29-Oct-16	0%	0	87																														
DS.2016.78	Comment on 2nd Submission	12	31-Oct-16	12-Nov-16	31-Oct-16	12-Nov-16	0%	0	87																														
DS.2016.80	3rd Submission	9	14-Nov-16	23-Nov-16	14-Nov-16	23-Nov-16	0%	0	87																														
DS.2016.82	Comment on 3rd Submission	11	24-Nov-16	06-Dec-16	24-Nov-16	06-Dec-16	0%	0	87																														
Podium Ceramic Concrete Tubes & with Perforated Cladding,CE01a,01b,02a																																							
DS.2016.092	1st BD Submission to Consultant	9	19-Oct-16	29-Oct-16	19-Oct-16*	29-Oct-16	0%	0	88																														
DS.2016.094	Comment on 1st Submission	12	29-Oct-16	12-Nov-16	29-Oct-16	12-Nov-16	0%	0	88																														
DS.2016.096	2nd Submission	10	12-Nov-16	24-Nov-16	12-Nov-16	24-Nov-16	0%	0	88																														
DS.2016.098	Comment on 2nd Submission	12	24-Nov-16	08-Dec-16	24-Nov-16	08-Dec-16	0%	0	88																														
Garden Gallery Ceramic Cladding & Ceiling,CE-3a,3b,3c																																							
DS.2016.112	1st BD Submission to Consultant	9	19-Oct-16	29-Oct-16	19-Oct-16*	29-Oct-16	0%	0	163																														
DS.2016.114	Comment on 1st Submission	11	29-Oct-16	11-Nov-16	29-Oct-16	11-Nov-16	0%	0	163																														
DS.2016.116	2nd Submission	11	11-Nov-16	24-Nov-16	11-Nov-16	24-Nov-16	0%	0	163																														
DS.2016.118	Comment on 2nd Submission	11	24-Nov-16	07-Dec-16	24-Nov-16	07-Dec-16	0%	0	163																														

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04						
DS.2021.78	Coated Glass production	60	31-Mar-16	11-Jun-16	02-Mar-16 A	13-Sep-16	90%	-78	54	DS.2021.78, Coated Glass production, Coated Glass production																								
Terracotta																																		
DS.2021.88	Production & delivery of Terracotta to Precast Factory	12	30-Apr-16	17-May-16	24-Mar-16 A	22-Sep-16	90%	-106	13	DS.2021.88, Production & delivery of Terracotta to Precast Fa																								
DS.2021.90	Production of Precast Panel & Delivery	30	23-Sep-16	22-Oct-16	23-Sep-16	22-Oct-16	0%	0	18	DS.2021.90, Production of Precast Pa																								
Installation																																		
DS.2021.94	Installation on Frame	8	24-Oct-16	01-Nov-16	24-Oct-16	01-Nov-16	0%	0	15	DS.2021.94, Installation on F																								
DS.2021.96	Glazing & Sealant Application	2	02-Nov-16	03-Nov-16	02-Nov-16	03-Nov-16	0%	0	15	DS.2021.96, Glazing & Seal																								
DS.2021.97	Inspection & Approval of Visual Mock Up	10	03-Nov-16	15-Nov-16	03-Nov-16	15-Nov-16	0%	0	15	DS.2021.97, Inspe																								
Hybrid Mock Up																																		
Glass Wall with T-Mullion,CW-02a,02b																																		
Ordering & Production of Hybrid Mock Up Mateial																																		
DS.2021.118	Production of Steel Frame and Alum Cladding	30	16-May-16	20-Jun-16	02-Mar-16 A	02-Sep-16	90%	-62	22	DS.2021.118, Production of Steel Frame and Alum Cladding, Production of S																								
Installation of Mock Up Sample																																		
DS.2021.124	Installation of Steel Frame and Flashing	10	31-Aug-16	10-Sep-16	31-Aug-16	10-Sep-16	0%	0	22	DS.2021.124, Installation of Steel Frame and Flashing																								
DS.2021.126	Glazing	2	12-Sep-16	13-Sep-16	12-Sep-16	13-Sep-16	0%	0	22	DS.2021.126, Glazing																								
DS.2021.128	Application of Structural Sealant	2	13-Sep-16	15-Sep-16	13-Sep-16	15-Sep-16	0%	0	22	DS.2021.128, Application of Structural Sealant																								
DS.2021.98	Inspection & Approval of Visual Mock Up	10	19-Sep-16	30-Sep-16	19-Sep-16	30-Sep-16	0%	0	22	DS.2021.98, Inspection & Approval of Visual Mock Up																								
L3 Storefront,CW-08																																		
Shopdrawing Submission																																		
DS.2021.146	Approval of Visual Mock Up Drawing	13	15-Jun-16	30-Jun-16	11-May-16 A	03-Sep-16	50%	-54	114	DS.2021.146, Approval of Visual Mock Up Drawing, Approval of Visual Mock																								
Ordering & Production of Hybrid Mock Up Mateial																																		
DS.2021.152	Production of Steel Frame and Alum Cladding	36	05-Apr-16	19-May-16	04-Mar-16 A	15-Sep-16	70%	-100	99	DS.2021.152, Production of Steel Frame and Alum Cladding, Produ																								
Installation of Mock Up Sample																																		
DS.2021.158	Installation of Steel Frame and Flashing	6	17-Sep-16	23-Sep-16	17-Sep-16	23-Sep-16	0%	0	99	DS.2021.158, Installation of Steel Frame and Flashing																								
DS.2021.160	Install Glazing	2	23-Sep-16	26-Sep-16	23-Sep-16	26-Sep-16	0%	0	99	DS.2021.160, Install Glazing																								
DS.2021.162	Application of Structural Sealant	2	26-Sep-16	27-Sep-16	26-Sep-16	27-Sep-16	0%	0	99	DS.2021.162, Application of Structural Sealant																								
DS.2021.163	Inspection & Approval of Visual Mock Up	11	29-Sep-16	14-Oct-16	29-Sep-16	14-Oct-16	0%	0	99	DS.2021.163, Inspection & Approval of Visu																								
Garden Galley Visual Mock Up,ce-03a,03c																																		
Visual Mock Up Drawing Submission																																		
DS.2021.174	Approval of Sample of Terracotta	4	23-Aug-16	26-Aug-16	23-Aug-16 A	26-Aug-16 A	100%	0		DS.2021.174, Approval of Sample of Terracotta, Approval of Sample of Terracotta																								
DS.2021.172	Approval on Shop Drawings	10	31-Aug-16	10-Sep-16	31-Aug-16*	10-Sep-16	0%	0	89	DS.2021.172, Approval on Shop Drawings																								
Terracotta																																		
DS.2021.176	Production of Terracotta	24	08-Sep-16	07-Oct-16	08-Sep-16	07-Oct-16	0%	0	89	DS.2021.176, Production of Terracotta																								
DS.2021.178	Delivery of Terracotta to Precast Factory	1	20-Oct-16	20-Oct-16	20-Oct-16	20-Oct-16	0%	0	89	DS.2021.178, Delivery of Terracotta to																								
Installation																																		
DS.2021.187	Delivery of ceramic precast mullion to site	2	21-Oct-16	22-Oct-16	21-Oct-16	22-Oct-16	0%	0	89	DS.2021.187, Delivery of ceramic pre																								
DS.2021.188	Installation of Terracotta on Mock-up	6	25-Oct-16	31-Oct-16	25-Oct-16	31-Oct-16	0%	0	89	DS.2021.188, Installation of T																								
Production Mock Up																																		
Tower Precast Facade Panels w/ Percast Concrete , Terracotta, lighting & Curtain Wall																																		
Tower Facade - Ordering & Production of Material																																		
DS.2022.4	Sealant Ordering (Typical two weeks time, tailor made need th	12	11-Oct-16	24-Oct-16	11-Oct-16*	24-Oct-16	0%	0	142	DS.2022.4, Sealant Ordering (Typic																								
Tower Facade - Glass Production & Fabrication																																		
DS.2022.6	Coated Glass Production	48	07-Oct-16	02-Dec-16	07-Oct-16*	02-Dec-16	0%	0	84	DS.20																								
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																																		

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11			
DS.2026.26	Coated Glass Production	48	25-Oct-16	20-Dec-16	25-Oct-16	20-Dec-16	0%	0	37																							
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																																
DS.2026.22	Die Making	48	07-Oct-16	02-Dec-16	07-Oct-16	02-Dec-16	0%	0	47																							
DS.2026.24	PVF2 Paint Ordering	12	07-Oct-16	21-Oct-16	07-Oct-16*	21-Oct-16	0%	0	95																							
Tower Facade - Terracotta																																
DS.2026.36	Ordering of Terracotta	11	07-Oct-16	18-Oct-16	07-Oct-16	18-Oct-16	0%	0	30																							
DS.2026.38	Die Making of Terracotta	24	18-Oct-16	15-Nov-16	18-Oct-16	15-Nov-16	0%	0	26																							
DS.2026.40	Production & delivery of Terracotta Mockup Sample	24	15-Nov-16	13-Dec-16	15-Nov-16	13-Dec-16	0%	0	26																							
Tower Facade - Precast Concrete Facade																																
Tower Facade - Precast Facade Die Making																																
DS.2026.42	Percast Concrete Mould Making	96	31-Aug-16	24-Dec-16	31-Aug-16	24-Dec-16	0%	0	16																							
Tower Facade - Installation																																
DS.2026.50	Erection of Testing Chamber	32	03-Oct-16	09-Nov-16	03-Oct-16*	09-Nov-16	0%	0	93																							
DS.2026.52	Bracket Installation	8	10-Nov-16	18-Nov-16	10-Nov-16	18-Nov-16	0%	0	93																							
Podium Facade Wall Performance Testing																																
Podium Facade - Drawing Submission																																
DS.2026.58	1st PMU Drawing Submission	11	20-Sep-16	04-Oct-16	20-Sep-16	04-Oct-16	0%	0	90																							
DS.2026.60	1st PMU Drawing Comment	11	04-Oct-16	18-Oct-16	04-Oct-16	18-Oct-16	0%	0	90																							
DS.2026.62	2nd PMU Drawing Submission	11	18-Oct-16	31-Oct-16	18-Oct-16	31-Oct-16	0%	0	90																							
DS.2026.64	Approval of Performance Mock Up Drawing	11	31-Oct-16	12-Nov-16	31-Oct-16	12-Nov-16	0%	0	98																							
Podium Facade - Submission of Testing Proposal																																
DS.2026.66	1st Submission of Testing Proposal	11	12-Nov-16	25-Nov-16	12-Nov-16	25-Nov-16	0%	0	98																							
DS.2026.68	1st comment	6	26-Nov-16	02-Dec-16	26-Nov-16	02-Dec-16	0%	0	98																							
Podium Facade - Ordering & Production of Material																																
DS.2026.74	Sealant Ordering (Typical two weeks time, tailor made need th	12	19-Nov-16	02-Dec-16	19-Nov-16	02-Dec-16	0%	0	127																							
Podium Facade - Glass Production & Fabrication																																
DS.2026.76	Coated Glass Production	48	19-Nov-16	17-Jan-17	19-Nov-16	17-Jan-17	0%	0	115																							
Podium Facade - Curtain Wall glazed panel production and Fabricatioin																																
DS.2026.80	Die Making	48	19-Nov-16	17-Jan-17	19-Nov-16	17-Jan-17	0%	0	73																							
Podium Facade - Terracotta																																
DS.2026.90	Ordering of Terracotta	11	19-Nov-16	02-Dec-16	19-Nov-16	02-Dec-16	0%	0	74																							
Podium Facade - Precast Concrete Facade																																
Podium Facade - Precast Facade Die Making																																
DS.2026.10	Percast Concrete Mould Making	96	19-Nov-16	17-Mar-17	19-Nov-16	17-Mar-17	0%	0	37																							
Kinked Glass Wall with T Mullion and Reflective Glass at B1,CW-02b																																
Kinked Glass Wall - Drawing Submission																																
DS.2026.122	1st Shop Drawing Submission	11	03-Oct-16	17-Oct-16	03-Oct-16*	17-Oct-16	0%	0	165																							
DS.2026.124	1st Shop Drawing Comment	11	17-Oct-16	29-Oct-16	17-Oct-16	29-Oct-16	0%	0	165																							
DS.2026.126	2nd Shop Drawing Submission	11	29-Oct-16	11-Nov-16	29-Oct-16	11-Nov-16	0%	0	165																							
DS.2026.128	Approval of Performance Mock Up Drawing	11	11-Nov-16	24-Nov-16	11-Nov-16	24-Nov-16	0%	0	165																							
Kinked Glass Wall - Submission of Testing Proposal																																
DS.2026.130	1st Submission of Testing Proposal	11	24-Nov-16	07-Dec-16	24-Nov-16	07-Dec-16	0%	0	165																							
Kinked Glass Wall - Ordering & Production of Material																																
DS.2026.138	Sealant Ordering (Typical two weeks time, tailor made need th	12	24-Nov-16	08-Dec-16	24-Nov-16	08-Dec-16	0%	0	186																							

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04						
(Redland) Project Quality Plan																																		
DS.3240	PQP - 2nd Submission and Approval	12	31-Aug-16	13-Sep-16	31-Aug-16	13-Sep-16	0%	0	49	DS.3240, PQP - 2nd Submission and Approval																								
DS.3250	PQP - Approval of Project Quality Plan	0		13-Sep-16		13-Sep-16	0%	0	49	PQP - Approval of Project Quality Plan, PQP - Approval of Project Qua																								
(Redland) Production Method Statement																																		
DS.3290	PMS - 2nd Submission and Approval	12	31-Aug-16	13-Sep-16	31-Aug-16	13-Sep-16	0%	0	49	DS.3290, PMS - 2nd Submission and Approval																								
DS.3300	PMS - Approval of Production Method Statement	0		13-Sep-16		13-Sep-16	0%	0	49	PMS - Approval of Production Method Statement, PMS - Approval of P																								
(Redland) Drawing Submission and Approval																																		
DS.3340	2nd Submission and Approval	12	31-Aug-16	13-Sep-16	31-Aug-16	13-Sep-16	0%	0	49	DS.3340, 2nd Submission and Approval																								
DS.3350	Approval of Schematic Design Drawings	0		13-Sep-16		13-Sep-16	0%	0	49	Approval of Schematic Design Drawings, Approval of Schematic Desi																								
(Redland) BD Submission and Approval																																		
(Redland) BD Submission																																		
DS.3420	BD Comments and review	36	31-Aug-16	14-Oct-16	31-Aug-16	14-Oct-16	0%	0	25	DS.3420, BD Comments and review																								
DS.3410	BD Submission	0	31-Aug-16		31-Aug-16		0%	0	25	BD Submission, BD Submission, 31-Aug-16																								
DS.3430	Approval of BD Submission	0		14-Oct-16		14-Oct-16	0%	0	25	Approval of BD Submission, Approval of BD S																								
(Redland) Fixing Layout for ARUP's Onward Submission to BD																																		
DS.3450	BD Comments and review	36	31-Aug-16	14-Oct-16	31-Aug-16	14-Oct-16	0%	0	25	DS.3450, BD Comments and review																								
DS.3440	BD Submission	0	31-Aug-16		31-Aug-16		0%	0	25	BD Submission, BD Submission, 31-Aug-16																								
DS.3460	Approval of BD Submission	0		14-Oct-16		14-Oct-16	0%	0	25	Approval of BD Submission, Approval of BD S																								
(Redland) Shop Drawings																																		
DS.3500	2nd Submission and Approval	12	15-Oct-16	28-Oct-16	15-Oct-16	28-Oct-16	0%	0	25	DS.3500, 2nd Submission and A																								
DS.3510	Approval of Shop Drawings	0		28-Oct-16		28-Oct-16	0%	0	25	Approval of Shop Drawings, Appr																								
(Redland) Bulk Production, Fabrication and Delivery																																		
DS.3520	Procurements of Materials	90	29-Oct-16	17-Feb-17	29-Oct-16	17-Feb-17	0%	0	25																									
Structural Steel Trusses																																		
DS.1130	Steel Tuss - Procurement, Fabrication & Delivery	188	14-Jun-16	02-Mar-17	29-Jan-16 A	24-Oct-16	65%	93	589																									
MS.1000	Factory Pre-Inspection / Major truss delivery subject to site cor	0	31-Aug-16		29-Aug-16 A		100%	2		Factory Pre-Inspection / Major truss delivery subject to site condition, Factory																								
Design, Shop Dwgs, Materials, Method Statement & Welding)																																		
DS.1020	Steel Tuss - Incorporate Comments & Resubmit	30	30-Dec-15	28-Jan-16	09-Nov-15 A	15-Sep-16	95%	-231	862	DS.1020, Steel Tuss - Incorporate Comments & Resubmit, Steel T																								
DS.1030	Steel Tuss - Architect's Comment and Approval	75	29-Feb-16	13-May-16	03-Dec-15 A	30-Sep-16	95%	-140	847	DS.1030, Steel Tuss - Architect's Comment and Approv																								
Method Statement for Erection																																		
DS.1030.30e	3rd Submission & Approval of Method statement for Erection o	14	15-Aug-16	28-Aug-16	15-Aug-16 A	14-Sep-16	90%	-17	8	DS.1030.30e, 3rd Submission & Approval of Method statement for																								
Shop Drawings																																		
DS.1030.41	Shop Drawing submission and approval of Steelwork for Shear f	117	21-Dec-15	15-Apr-16	21-Dec-15 A	24-Sep-16	75%	-162	25	DS.1030.41, Shop Drawing submission and approval of Ste																								
Statutory Approval Status e.g. (BD & MTRC Approval)-1																																		
DS.7060b10	MTRC Review and Endorsement for ARUP to submit to BD	30	25-May-16	24-Jun-16	12-May-16 A	10-Sep-16	90%	-78	-11	DS.7060b10, MTRC Review and Endorsement for ARUP to submit to BD																								
DS.7060b11	BD issue endorsement to ARUP	14	11-Sep-16	24-Sep-16	11-Sep-16	24-Sep-16	0%	0	-11	DS.7060b11, BD issue endorsement to ARUP																								
Materials Procurements																																		
DS.1040	Steel Tuss - Procurement, Fabrication & Delivery	150	23-May-16	19-Oct-16	01-Oct-15 A	24-Oct-16	70%	-5	-2	DS.1040, Steel Tuss - Procurement																								
Fabrication & Delivery To Site																																		
DS.1050	Steel Tuss - First Batch Arrival on Site (Contract Requirement -	0	22-Sep-16		22-Sep-16		0%	0	-2	Steel Tuss - First Batch Arrival on Site (Contract Requirement																								
Temporary Support System for Trusses - Proprietary & Non Proprietary System																																		
DS.1040.68	Fabrication & Delivery of non-proprietary system	50	30-Jun-16	18-Aug-16	11-Jun-16 A	16-Sep-16	20%	-29	6	DS.1040.68, Fabrication & Delivery of non-proprietary system, Fa																								
Hanger Column																																		
DS.1040.85	Fabrication of Hanger Column Suspended from RC	43	10-Sep-16	22-Oct-16	10-Sep-16	22-Oct-16	0%	0	25	DS.1040.85, Fabrication of Hanger C																								

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016									
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04											
DS.1040.80	Fabrication of Hanger Column Suspended from mega Truss	43	10-Sep-16	22-Oct-16	10-Sep-16	22-Oct-16	0%	0	68																														
DS.1040.86	Delivery of hanger column	0	23-Oct-16		23-Oct-16		0%	0	25																														
Composite Column																																							
DS.1040.91	Composite Column Fabrication	34	02-Jan-16	04-Feb-16	02-Jan-16 A	13-Sep-16	95%	-222	6																														
Steel Truss Support Fabrication																																							
DS.1056	Steel Truss Support Fabrication for Truss 3 (*C85 & C86)	21	25-Aug-16	14-Sep-16	19-Aug-16 A	14-Sep-16	53%	0	39																														
DS.1090	Steel Truss Support Fabrication for Truss 4 (*C94 & *C96)	21	15-Sep-16	05-Oct-16	19-Aug-16 A	05-Oct-16	30%	0	49																														
Steel Truss Support Delivery to Site																																							
DS.1130.10	Steel Truss Support for Truss # 5 (*C25)	0	06-Sep-16		06-Sep-16		0%	0	79																														
DS.1050.10	Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5	0	08-Sep-16		08-Sep-16		0%	0	11																														
DS.1055.10	Steel Truss Support for Truss # 1 & 2(Column 68 & Column 71)	0	24-Sep-16		24-Sep-16		0%	0	6																														
DS.1090.10	Steel Truss Support for Truss # 3 (*C85 & C86)	0	16-Oct-16		16-Oct-16		0%	0	39																														
DS.1110.10	Steel Truss Support for Truss # 4 (*C94 & *C96)	0	16-Oct-16		16-Oct-16		0%	0	39																														
Steel Truss Members Fabrication																																							
DS.1060.1	Steel Truss Fabrication for Truss # 1	69	30-Apr-16	07-Jul-16	23-Apr-16 A	11-Sep-16	90%	-66	3																														
DS.1120	Steel Truss Fabrication for Truss # 5	69	30-Apr-16	07-Jul-16	23-Apr-16 A	02-Oct-16	76%	-87	-1																														
DS.1070	Steel Truss Fabrication for Truss # 2	69	01-May-16	08-Jul-16	23-Apr-16 A	26-Sep-16	87%	-80	9																														
DS.1080	Steel Truss Fabrication for Truss # 3	69	05-May-16	12-Jul-16	23-Apr-16 A	15-Oct-16	52%	-95	-1																														
DS.1100	Steel Truss Fabrication for Truss # 4	69	13-May-16	20-Jul-16	09-May-16 A	15-Oct-16	12%	-87	19																														
Steel Truss Members Delivery to Site																																							
DS.1070.10	Steel Truss Members for Truss # 1	0	12-Sep-16		12-Sep-16		0%	0	3																														
DS.1080.10	Steel Truss Members for Truss # 2	0	27-Sep-16		27-Sep-16		0%	0	9																														
DS.1140.10	Steel Truss Members for Truss # 5	0	03-Oct-16		03-Oct-16		0%	0	-1																														
DS.1100.10	Steel Truss Members for Truss # 3	0	21-Oct-16		21-Oct-16		0%	0	33																														
DS.1120.10	Steel Truss Members for Truss # 4	0	04-Nov-16		04-Nov-16		0%	0	19																														
Building Services																																							
MVAC																																							
DS.3070	MVAC - Shop Drawings, Materials & Method Statements Submi	120	01-Dec-15	29-Mar-16	01-Dec-15 A	17-Sep-16	38%	-171	27																														
DS.3080	MVAC - CA Review & Comments	30	23-Aug-16	21-Sep-16	01-Apr-16 A	24-Sep-16	61%	-3	27																														
DS.3090	MVAC - Incorporate Comments & Resubmit	30	15-Sep-16	14-Oct-16	15-Apr-16 A	30-Sep-16	61%	14	27																														
DS.3110	MVAC - Procurement and Delivery	180	07-Oct-16	04-Apr-17	07-Oct-16	04-Apr-17	0%	0	27																														
DS.3100	MVAC - CA Review & Approval	30	13-Oct-16	11-Nov-16	02-May-16 A	06-Oct-16	39%	36	27																														
Electrical and ELV Systems																																							
DS.4120	Elect & ELV Systems - Shop Drawings and Materials Submissior	120	29-Feb-16	27-Jun-16	01-Dec-15 A	16-Sep-16	35%	-81	60																														
DS.4130	Elect & ELV Systems - CA Review & Comments	30	01-Aug-16	30-Aug-16	01-Apr-16 A	05-Sep-16	75%	-6	60																														
DS.4140	Elect & ELV Systems - Incorporate Comments & Resubmit	30	31-Aug-16	29-Sep-16	15-Apr-16 A	19-Sep-16	75%	10	60																														
DS.4150	Elect & ELV Systems - CA Review & Approval	30	30-Sep-16	29-Oct-16	16-May-16 A	03-Oct-16	45%	26	60																														
DS.4160	Elect & ELV Systems - Procurement and Delivery	150	04-Oct-16	02-Mar-17	04-Oct-16	02-Mar-17	0%	0	60																														
Fire Services																																							
DS.4010	FS - Shop Drawings and Materials Submission and Approval	120	01-Dec-15	29-Mar-16	01-Dec-15 A	12-Sep-16	57%	-167	63																														
DS.4020	FS - CA Review & Comments	30	01-Jun-16	30-Jun-16	15-Apr-16 A	20-Sep-16	58%	-82	61																														
DS.4030	FS - Incorporate Comments & Resubmit	30	01-Jul-16	30-Jul-16	22-Apr-16 A	26-Sep-16	34%	-58	61																														
DS.4040	FS - CA Review & Approval	30	31-Jul-16	29-Aug-16	16-May-16 A	02-Oct-16	25%	-34	61																														
DS.4050	FS - Procurement and Delivery	150	03-Oct-16	01-Mar-17	03-Oct-16	01-Mar-17	0%	0	61																														

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016		
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04		
Plumbing and Drainage																														
DS.3010	Plumbing & Drainage - Shop Drawings, Materials & Method Stat	90	30-Dec-15	28-Mar-16	30-Dec-15 A	16-Sep-16	47%	-172	45	DS.3010, Plumbing & Drainage - Shop Drawings, Materials & Met																				
DS.3020	Plumbing & Drainage - CA Review & Comments	30	01-Aug-16	30-Aug-16	01-Apr-16 A	20-Sep-16	40%	-21	45	DS.3020, Plumbing & Drainage - CA Review & Comments, Plun																				
DS.3030	Plumbing & Drainage - Incorporate Comments & Resubmit	30	31-Aug-16	29-Sep-16	14-Apr-16 A	04-Oct-16	83%	-5	45	DS.3030, Plumbing & Drainage - Incorporate Comm																				
DS.3040	Plumbing & Drainage - CA Review & Approval	30	30-Sep-16	29-Oct-16	02-May-16 A	18-Oct-16	44%	11	45	DS.3040, Plumbing & Drainage																				
DS.3050	Plumbing & Drainage - Procurement and Delivery	150	19-Oct-16	17-Mar-17	19-Oct-16 A	17-Mar-17	0%	0	45																					
Mechanical and Lifting Platform																														
DS.5210	Lifting Platform - Shop Drawings, Materials & Method Statemen	90	31-May-16	28-Aug-16	01-Dec-15 A	30-Sep-16	30%	-33	457	DS.5210, Lifting Platform - Shop Drawings, Materials &																				
DS.5220	Lifting Platform - CA Review & Comments	30	01-Oct-16	30-Oct-16	01-Oct-16	30-Oct-16	0%	0	457	DS.5220, Lifting Platform - CA																				
DS.5230	Lifting Platform - Incorporate Comments & Resubmit	30	31-Oct-16	29-Nov-16	31-Oct-16	29-Nov-16	0%	0	457	DS.5230																				
Lifts and Escalator																														
DS.5110	Lift & Escalator - Shop Drawings, Materials & Method Statemen	90	01-Dec-15	28-Feb-16	01-Dec-15 A	30-Sep-16	40%	-215	44	DS.5110, Lift & Escalator - Shop Drawings, Materials &																				
DS.5120	Lift & Escalator - CA Review & Comments	30	01-Aug-16	30-Aug-16	15-Apr-16 A	26-Sep-16	60%	-27	44	DS.5120, Lift & Escalator - CA Review & Comments, Lift &																				
DS.5130	Lift & Escalator - Incorporate Comments & Resubmit	30	31-Aug-16	29-Sep-16	30-Apr-16 A	10-Oct-16	50%	-11	44	DS.5130, Lift & Escalator - Incorporate Comme																				
DS.5140	Lift & Escalator- CA Review & Approval	30	30-Sep-16	29-Oct-16	16-May-16 A	24-Oct-16	40%	5	44	DS.5140, Lift & Escalator- CA Re																				
DS.5150	Lift & Escalator - Procurement and Delivery	300	25-Oct-16	20-Aug-17	25-Oct-16 A	20-Aug-17	0%	0	44																					
Art Lift (LT-11 & LT-13)																														
DS.5020	Art Lift - Shop Drawings, Materials & Method Statements Subm	90	01-Dec-15	28-Feb-16	01-Dec-15 A	19-Sep-16	50%	-204	39	DS.5020, Art Lift - Shop Drawings, Materials & Method Stateme																				
DS.5025	Art Lift - CA Review & Comments	30	01-Aug-16	30-Aug-16	15-Apr-16 A	26-Sep-16	50%	-27	39	DS.5025, Art Lift - CA Review & Comments, Art Lift - CA R																				
DS.5030	Art Lift - Incorporate Comments & Resubmit	54	27-Sep-16	19-Nov-16	27-Sep-16	19-Nov-16	0%	0	39	DS.5030, Art Li																				
DS.5040	Art Lift - CA Review & Approval	30	20-Nov-16	19-Dec-16	20-Nov-16	19-Dec-16	0%	0	39																					
ABWF and Fitout																														
Ceramic Tile																														
DS.6010	Ceramic Tile - Shop Drawings, Materials Sample Submission	90	30-Nov-15	27-Feb-16	30-Nov-15 A	08-Sep-16	90%	-194	131	DS.6010, Ceramic Tile - Shop Drawings, Materials Sample Submission, C																				
DS.6020	Ceramic Tile - CA Review & Comments	30	09-Sep-16	08-Oct-16	09-Sep-16	08-Oct-16	0%	0	131	DS.6020, Ceramic Tile - CA Review & Comments																				
DS.6030	Ceramic Tile - Incorporate Comments & Resubmit	30	09-Oct-16	07-Nov-16	09-Oct-16	07-Nov-16	0%	0	131	DS.6030, Ceramic Tile -																				
DS.6040	Ceramic Tile - CA Review & Approval	30	08-Nov-16	07-Dec-16	08-Nov-16	07-Dec-16	0%	0	131	D																				
Soft and Hard Landscaping																														
DS.7010	Landscaping - Shop Drawings, Materials & Method Statements	90	31-Aug-16	28-Nov-16	31-Aug-16	28-Nov-16	0%	0	147	DS.7010																				
DS.7000	Landscaping - Award Specialist Subcontractor	0	31-Aug-16		31-Aug-16		0%	0	147	Landscaping - Award Specialist Subcontractor, Landscaping - Award Specialist S																				
DS.7020	Landscaping - CA Review & Comments	30	29-Nov-16	28-Dec-16	29-Nov-16	28-Dec-16	0%	0	147																					
Design Detailing / Buildability Co-ordination																														
Spatial Coordination for BIM / CSD / CBWD																														
Basement																														
B00.0010	Preparation and submission for BIM / CSD / CBWD at B1/F (Tea	60	01-Oct-15	29-Nov-15	01-Oct-15 A	14-Sep-16	75%	-290	18	B00.0010, Preparation and submission for BIM / CSD / CBWD at B1																				
B00.0030	Review, resubmission and approval for BIM / CSD / CBWD at B1	30	30-Nov-15	29-Dec-15	30-Nov-15 A	28-Sep-16	20%	-274	18	B00.0030, Review, resubmission and approval for BIM /																				
M+ Podium																														
B00.0040	Preparation and submission for BIM / CSD / CBWD at G/F (Tea	60	30-Nov-15	28-Jan-16	30-Nov-15 A	29-Sep-16	50%	-245	8	B00.0040, Preparation and submission for BIM / CSD /																				
B00.0060	Review, resubmission and approval for BIM / CSD / CBWD at G,	30	31-Aug-16	29-Sep-16	31-Aug-16	29-Sep-16	0%	0	16	B00.0060, Review, resubmission and approval for BIM /																				
B00.0050	Preparation and submission for BIM / CSD / CBWD at 1/F (Tea	60	31-Aug-16	29-Oct-16	31-Aug-16	29-Oct-16	0%	0	19	B00.0050, Preparation and sub																				
B00.0080	Preparation and submission for BIM / CSD / CBWD at 1M/F (Tea	60	31-Aug-16	29-Oct-16	31-Aug-16	29-Oct-16	0%	0	8	B00.0080, Preparation and sub																				
B00.0120	Preparation and submission for BIM / CSD / CBWD at 3/F (Tea	60	31-Aug-16	29-Oct-16	31-Aug-16	29-Oct-16	0%	0	19	B00.0120, Preparation and sub																				
B00.0090	Preparation and submission for BIM / CSD / CBWD at 2/F (Tea	60	12-Sep-16	10-Nov-16	12-Sep-16	10-Nov-16	0%	0	19	B00.0090, Preparation																				
B00.0070	Review, resubmission and approval for BIM / CSD / CBWD at 1/	30	29-Sep-16	28-Oct-16	29-Sep-16	28-Oct-16	0%	0	18	B00.0070, Review, resubmission																				

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016				December 2016					
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04						
A00.3805	Hybrid Mock Up - Inspection and Approval of Visual Mock-up	14	31-Aug-16	15-Sep-16	31-Aug-16	15-Sep-16	0%	0	140																									
VMU External Works																																		
VMU MEP - FS Pipeworks																																		
A00.3845	Hybrid Mock Up - Install FS Water Pipeworks & PVC ducts	6	17-Aug-16	23-Aug-16	17-Aug-16 A	23-Aug-16 A	100%	0																										
A00.3855	Hybrid Mock Up - Lay Cabling / Wiring and Termination	4	24-Aug-16	27-Aug-16	24-Aug-16 A	27-Aug-16 A	100%	0																										
VMU MEP - Electrical Works																																		
A00.3865	Hybrid Mock Up - Install Pipe ducts From Hybrid Mock-Up to Exi	6	15-Aug-16	20-Aug-16	15-Aug-16 A	20-Aug-16 A	100%	0																										
A00.3875	Hybrid Mock Up - Lay Cabling & Termination From Hybrid Mock-	10	22-Aug-16	01-Sep-16	22-Aug-16 A	01-Sep-16 A	100%	0																										
VMU Step 2.2 - Concrete Stair																																		
VMU MEP Building Service Works																																		
A00.3480	Concrete Stair - Electrical Works for LED Lighting on Handrail &	8	17-Jun-16	25-Jun-16	02-May-16 A	08-Sep-16	90%	-62	140																									
VMU MEP Testing and Commissioning																																		
A00.3485	VMU - Building Services Testing and Commissioning	6	03-Oct-16	08-Oct-16	03-Oct-16	08-Oct-16	0%	0	122																									
VMU Statutory Submission & Inspection																																		
VMU WSD (FS Pipeworks)																																		
A00.3880	VMU - Submit Form WW046 (Part 1 & 2) to WSD (Subject to M	90	30-Apr-16	28-Jul-16	12-Jan-16 A	09-Sep-16	86%	-43	152																									
A00.3890	VMU - Submit Form WW046 (Part 3) to WSD (by MJV)	6	10-Sep-16	15-Sep-16	10-Sep-16	15-Sep-16	0%	0	152																									
A00.3900	VMU - Submit Form WW046 (Part 4) to WSD	6	16-Sep-16	21-Sep-16	16-Sep-16	21-Sep-16	0%	0	152																									
A00.3910	VMU - Inspection and Approval by WSD	1	28-Sep-16	28-Sep-16	28-Sep-16	28-Sep-16	0%	0	152																									
A00.3920	VMU - Tie-In Connection to Existing Dog House	2	29-Sep-16	30-Sep-16	29-Sep-16	30-Sep-16	0%	0	122																									
VMU EMSD (Electrical)																																		
A00.3930	VMU - Prepare & Submit Form WR1 to EMSD (For records only)	6	11-Oct-16	17-Oct-16	11-Oct-16	17-Oct-16	0%	0	126																									
VMU FSD (Fire Service)																																		
A00.3490	VMU - Form 314 & 501 Submission	0	09-Oct-16		09-Oct-16		0%	0	151																									
A00.3500	VMU - FSD's Inspection & Fire Certificate Issuance	12	09-Oct-16	20-Oct-16	09-Oct-16	20-Oct-16	0%	0	151																									
VMU BD (OP)																																		
A00.3510	VMU - Submission of BA14	0	21-Oct-16		21-Oct-16		0%	0	151																									
A00.3520	VMU - BD Inspection	12	21-Oct-16	01-Nov-16	21-Oct-16	01-Nov-16	0%	0	151																									
A00.3530	VMU - M+ OP	0		01-Nov-16		01-Nov-16	0%	0	151																									
Last Date for Exercising Provisional Sum & Optional Items (Refer Annex B to Preamble) (To be revised																																		
Conservation & Storage Facility (CSF)																																		
Storage - Fitting-out Works																																		
PA1.4	Photo studio (2/F) - x-ray protection enhancement	0		29-Sep-16		29-Sep-16	0%	0	848																									
Conseration Laboratory - Furniture and Fixtures																																		
PA6.5	Fixed furniture in pantry	0		29-Sep-16		29-Sep-16	0%	0	848																									
Conseration Laboratory - Laboratory Equipment																																		
PA7.1	Exhaust trucks-overhead mounted fume extraction arms	0		29-Sep-16		29-Sep-16	0%	0	848																									
PA7.2	Fume hood cabinet	0		29-Sep-16		29-Sep-16	0%	0	848																									
PA7.3	Exhaust wall (size 5m (L) x 3m (H))	0		29-Sep-16		29-Sep-16	0%	0	848																									
PA7.5	Wet shower area free standing enclosure	0		29-Sep-16		29-Sep-16	0%	0	848																									
PA7.7	Stainless steel laboratory sink	0		29-Sep-16		29-Sep-16	0%	0	848																									
Museum																																		
Juke Box Installation																																		
PE3.2	Equipment system and machinery for "Juke Box" installation	0		29-Sep-16		29-Sep-16	0%	0	848																									

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04						
Items Related to Museum Operations																																		
PE4.6	People counting system - module enhancement to CCTV system	0		29-Sep-16		29-Sep-16	0%	0	848	People counting system - module enhancement to CCTV																								
Back of House including Museum Workshop and Art Handling																																		
Workshop																																		
PH4.3	Exhaust wall	0		29-Sep-16		29-Sep-16	0%	0	848	Exhaust wall, Exhaust wall,																								
L1 and B1 Museum Shop including Espresso Bar																																		
Fitting-out Works																																		
PJ2.2	Architectural lightings	0		29-Sep-16		29-Sep-16	0%	0	848	Architectural lightings, Architectural lightings,																								
PJ2.3	Security shutter	0		29-Sep-16		29-Sep-16	0%	0	848	Security shutter, Security shutter,																								
Signage																																		
PM2	All non-digital way-finding signage	0		29-Sep-16		29-Sep-16	0%	0	848	All non-digital way-finding signage, All non-digital way-f																								
PM3	Digital signage at information counters	0		29-Sep-16		29-Sep-16	0%	0	848	Digital signage at information counters, Digital signage																								
External Works / Hard & Soft Landscape																																		
PN2	Elements cooling main - ventilation intake shaft / maintenance	0	31-Aug-16		31-Aug-16		0%	0	878	Elements cooling main - ventilation intake shaft / maintenance access modifica																								
PN4	EMSD compliant design for canopy extension to G/F to L3 cano	0		31-Aug-16		31-Aug-16	0%	0	878	EMSD compliant design for canopy extension to G/F to L3 canopy escalator, EM																								
MEP-General Issues																																		
PO6	Addition of 1 no. 1250TR chiller installation at M+ DCS plantroc	0		24-Oct-16		24-Oct-16	0%	0	823	Addition of 1 no. 1250TR chiller inst																								
Other Provisional Sums / Options for M+ Main Works Contract																																		
PP2.2	Interface car park - ELS, Architectural and BS works	0		31-Aug-16		31-Aug-16	0%	0	723	Interface car park - ELS, Architectural and BS works, Interface car park - ELS, A																								
PP3.2	Sewage pumping station (SPS) - ELS, foundation, signage, buil	0		31-Aug-16		31-Aug-16	0%	0	878	Sewage pumping station (SPS) - ELS, foundation, signage, builder's works, etc																								
PP4	Sea water pump cell - basic Building Services provisions	0		31-Aug-16		31-Aug-16	0%	0	878	Sea water pump cell - basic Building Services provisions, Sea water pump cell -																								
PP5	BWIC / basic Building Services provisions for CLP transformer rc	0		31-Aug-16		31-Aug-16	0%	0	878	BWIC / basic Building Services provisions for CLP transformer rooms, BWIC / ba																								
PP6	CA/RSS M+PSO - Complete office accommodation and supportii	0		31-Aug-16		31-Aug-16	0%	0	878	CA/RSS M+PSO - Complete office accommodation and supporting facilities, CA/																								
PP7	Contractor's proposed of SOM and IPS	0		31-Aug-16		31-Aug-16	0%	0	878	Contractor's proposed of SOM and IPS, Contractor's proposed of SOM and IPS,																								
Preliminaries / Construction																																		
Plant & Equipment																																		
A00.2000	Erection of Tower Crane No. 2 and Testing - Ready for Operatio	15	15-Aug-16	05-Sep-16	02-Aug-16 A	20-Aug-16 A	100%	11		A00.2000, Erection of Tower Crane No. 2 and Testing - Ready for Operation																								
A00.2100	Erection of Tower Crane No. 3 and Testing - Ready for Operatio	6	15-Aug-16	22-Aug-16	03-Aug-16 A	10-Aug-16 A	100%	9		A00.2100, Erection of Tower Crane No. 3 and Testing - Ready for Operation, Erection																								
Provision for Tower Crane																																		
Tower Crane 2																																		
A00.2015	Tower Crane 2 - Erection of Equipment	14	02-Sep-16	22-Sep-16	02-Aug-16 A	17-Aug-16 A	100%	24		A00.2015, Tower Crane 2 - Erection of Equipment, Tower Cra																								
A00.2025	Tower Crane 2 - Testing & Commissioning	2	23-Sep-16	24-Sep-16	18-Aug-16 A	19-Aug-16 A	100%	25		A00.2025, Tower Crane 2 - Testing & Commissioning, Towe																								
A00.2035	Tower Crane 2 - Commence Operation	0		24-Sep-16		20-Aug-16 A	100%	24		Tower Crane 2 - Commence Operation, Tower Crane 2 - Cor																								
Tower Crane 3																																		
A00.2125	Tower Crane 3 - Erection of Equipment	5	02-Sep-16	08-Sep-16	03-Aug-16 A	06-Aug-16 A	100%	23		A00.2125, Tower Crane 3 - Erection of Equipment, Tower Crane 3 - Ere																								
A00.2135	Tower Crane 3 - Testing & Commissioning	1	09-Sep-16	09-Sep-16	08-Aug-16 A	09-Aug-16 A	100%	22		A00.2135, Tower Crane 3 - Testing & Commissioning, Tower Crane 3 -																								
A00.2145	Tower Crane 3 - Commence operation	0		10-Sep-16		10-Aug-16 A	100%	22		Tower Crane 3 - Commence operation, Tower Crane 3 - Commence o																								
Excavation & ELS																																		
BD Milestones & BD Stages LOE																																		
Portion M01																																		
B10.3390	BD Stage 4 - Construct B2 slab for A5, B5 & Site formation for /	0	27-Apr-16	27-Apr-16	14-Jul-16 A	29-Oct-16	50%	-120	55	BD Stage 4 - Construct B2 slab f																								
B10.3400	BD Stage 5 - Construct B2 slab for A6, A7, A8, B6 & Site forma	0	28-Apr-16	28-Apr-16	28-Apr-16 A	09-Sep-16	90%	-87	40	BD Stage 5 - Construct B2 slab for A6, A7, A8, B6 & Site formation for A																								
B10.3420	BD Stage 7 - Construct B2 slab for A9, A10, A11, A12, B7, B8,	20	02-Sep-16	30-Sep-16	02-Sep-16	30-Sep-16	0%	0	46	BD Stage 7 - Construct B2 slab for A9, A10, A11, A12,																								

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016			
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04					
AEL North																																	
Portion A6, A7, A10, A11																																	
Portion A10-a																																	
B10.2190	AEL North - ELS Stage 5 Portion A10a - 2nd layer struts	9	02-Sep-16	13-Sep-16	01-Aug-16 A	12-Aug-16 A	100%	23																									
B10.2200	AEL North - ELS Stage 5 Portion A10a - Trim Piles & Blinding	12	10-Sep-16	27-Sep-16	19-Aug-16 A	31-Aug-16 A	100%	18																									
Portion A10-b																																	
B10.2160	AEL North - ELS Stage 5 Portion A10b - Trim Piles & Blinding	6	02-Sep-16	09-Sep-16	19-Aug-16 A	10-Sep-16	50%	-1	-4																								
Portion A11																																	
B10.2210	AEL North - ELS Stage 5 Portion A11 - 1st layer struts	8	02-Sep-16	12-Sep-16	15-Aug-16 A	20-Aug-16 A	100%	16																									
B10.2250	AEL North - ELS Stage 5 Portion A11 - Trim Piles & Blinding	5	05-Sep-16	10-Sep-16	05-Sep-16	10-Sep-16	0%	0	-6																								
B10.2240	AEL North - ELS Stage 5 Portion A11 - 2nd layer struts	10	06-Sep-16	20-Sep-16	27-Aug-16 A	31-Aug-16 A	100%	13																									
Portion B8 & A9, B9																																	
Portion B8																																	
B10.2320	AEL North - ELS Stage 5 Site Formation (B8) - 2nd layer struts	8	10-Sep-16	22-Sep-16	10-Aug-16 A	26-Aug-16 A	100%	18																									
Portion B9																																	
B10.2390	AEL North - ELS Stage 5 Site Formation (B9) - 2nd layer trim	5	18-Aug-16	23-Aug-16	04-Aug-16 A	09-Aug-16 A	100%	11																									
B10.2400	AEL North - ELS Stage 5 Site Formation (B9) - 2nd layer struts	8	06-Sep-16	17-Sep-16	10-Aug-16 A	18-Aug-16 A	100%	21																									
Portion A9																																	
B10.2360	AEL North - ELS Stage 5 Site Formation (A9) - 2nd layer struts	8	10-Sep-16	22-Sep-16	10-Aug-16 A	18-Aug-16 A	100%	24																									
Portion A8, B6, A12, B7																																	
B10.3580	AEL North - ELS Stage 5 Site Formation (Portion A12, B7)	30	02-Sep-16	18-Oct-16	15-Aug-16 A	29-Oct-16	10%	-8	55																								
Portion A12																																	
B10.3910	AEL North - ELS Stage 5 Site Formation (Portion A12) - 1st Lay	2	02-Sep-16	05-Sep-16	15-Aug-16 A	19-Aug-16 A	100%	11																									
B10.3930	AEL North - ELS Stage 5 Site Formation (Portion A12) - Trim &	5	06-Sep-16	12-Sep-16	06-Sep-16	12-Sep-16*	0%	0	-6																								
B10.3920	AEL North - ELS Stage 5 Site Formation (Portion A12) - 2nd La	5	06-Sep-16	12-Sep-16	25-Aug-16 A	28-Aug-16 A	100%	10																									
AEL South																																	
DCS																																	
B10.2220	DCS - Remove 1st Layer Struts at +4.2mPD	11	02-Sep-16	17-Sep-16	02-Sep-16	17-Sep-16	0%	0	455																								
B10.2230	DCS - Backfilling and Install Access Hatch and Misc. Works	50	19-Sep-16	25-Nov-16	19-Sep-16	25-Nov-16	0%	0	455																								
AEL South except DCS																																	
B10.1090	AEL South - Plant Room - Excavate to +2.45mPD for Plant Roo	16	02-Sep-16	24-Sep-16	02-Sep-16	24-Sep-16	0%	0	148																								
AEL North East of Portion A10 (for Area M12 h/o)																																	
C10.0390	Vacate Portion M12 for Lyric Contractor for Foundations (App.D	0		02-Sep-16		02-Sep-16	0%	0	61																								
ICP																																	
B10.3240	ICP - Lateral Support	50	30-Jul-16	15-Oct-16	30-May-16 A	01-Nov-16	15%	-12	-34																								
B10.3220	ICP - Pile Cap Construction of Area A	25	30-Jul-16	05-Sep-16	16-Jul-16 A	13-Oct-16	70%	-23	-34																								
B10.3230	ICP - Pile Cap Construction of Area B	25	14-Oct-16	14-Nov-16	27-Aug-16 A	31-Oct-16	10%	12	-33																								
B10.3250	ICP - Complete Excavation & Lateral Support	0		01-Nov-16		01-Nov-16	0%	0	-34																								
Structures																																	
Basement Structures / Sub-Structure																																	
Pilecaps																																	
AEL North																																	
Stage 3 - Pilecap (A4,A5,B4,B5)																																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016			
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04			
Pilecap (A4 & A5)																															
B10.2060p	AEL North - ELS Stage 4 - Extend 1st height of basement wall	10	03-Aug-16	13-Aug-16	28-Jul-16 A	09-Sep-16	30%	-23	7	B10.2060p, AEL North - ELS Stage 4 - Extend 1st height of basement wall																					
Pilecap (B4 & B5)																															
B10.2070m	AEL North - ELS Stage 4 - Extend 1st height of basement wall	12	15-Aug-16	27-Aug-16	08-Aug-16 A	19-Sep-16	10%	-18	3	B10.2070m, AEL North - ELS Stage 4 - Extend 1st height of basement wall																					
B10.2070l	AEL North - Complete Pilecaps for RC Columns of Truss T1 & T2	0		18-Aug-16		18-Aug-16 A	100%	0		AEL North - Complete Pilecaps for RC Columns of Truss T1 & T2, AEL North - Complete Pilecaps																					
Stage 4 to 7: ELS & Excavation (A6, A7, A8, A9, A10, A11, A12 & B6, B7, B8, B9)																															
Pilecaps - Portion (B8, A9 & B9)																															
B10.3103	AEL North - BD Stage 6 - Pile Cap Construction (Portion B8 & A9)	30	30-Jul-16	12-Sep-16	04-Jul-16 A	15-Sep-16	5%	-2	0	B10.3103, AEL North - BD Stage 6 - Pile Cap Construction (Portion B8 & A9)																					
B10.3104	AEL North - BD Stage 6 - Underground Drainage (Portion B8 & A9)	12	02-Sep-16	19-Sep-16	01-Aug-16 A	26-Aug-16 A	100%	16		B10.3104, AEL North - BD Stage 6 - Underground Drainage (Portion B8 & A9)																					
Pile Cap Portion B8																															
B10.3113	AEL North - BD Stage 6 - Pile Cap Construction (Portion B8)	10	07-Sep-16	20-Sep-16	07-Aug-16 A	20-Aug-16 A	100%	22		B10.3113, AEL North - BD Stage 6 - Pile Cap Construction (Portion B8)																					
B10.3114	AEL North - BD Stage 6 - Underground Drainage (Portion B8)	6	10-Oct-16	18-Oct-16	10-Oct-16*	18-Oct-16*	0%	0	-38	B10.3114, AEL North - BD Stage 6 - Underground Drainage (Portion B8)																					
Pile Cap Portion B9																															
B10.3134	AEL North - BD Stage 6 - Pile Cap Construction (Portion B9)	12	31-Aug-16	13-Sep-16	19-Aug-16 A	10-Sep-16	20%	2	4	B10.3134, AEL North - BD Stage 6 - Pile Cap Construction (Portion B9)																					
B10.3144	AEL North - BD Stage 6 - Underground Drainage (Portion B9)	4	12-Sep-16	15-Sep-16	22-Aug-16 A	31-Aug-16 A	100%	14		B10.3144, AEL North - BD Stage 6 - Underground Drainage (Portion B9)																					
Pilecaps - Portion (A10a, A10b, A11 & A12)																															
B10.3590	AEL North - BD Stage 6 - Pile Cap Construction (Portion A10, A10b, A11 & A12)	24	30-Jul-16	03-Sep-16	01-Jul-16 A	22-Sep-16	10%	-12	617	B10.3590, AEL North - BD Stage 6 - Pile Cap Construction (Portion A10, A10b, A11 & A12)																					
B10.3630	AEL North - BD Stage 6 - Pile Cap Construction (Portion B7)	9	02-Sep-16	13-Sep-16	02-Sep-16	13-Sep-16	0%	0	46	B10.3630, AEL North - BD Stage 6 - Pile Cap Construction (Portion B7)																					
B10.3640	AEL North - BD Stage 6 - Underground Drainage (Portion B7)	9	02-Sep-16	13-Sep-16	02-Sep-16	13-Sep-16	0%	0	52	B10.3640, AEL North - BD Stage 6 - Underground Drainage (Portion B7)																					
B10.3600	AEL North - BD Stage 6 - Underground Drainage (Portion A10, A10b, A11 & A12)	11	12-Sep-16	27-Sep-16	12-Sep-16	27-Sep-16	0%	0	617	B10.3600, AEL North - BD Stage 6 - Underground Drainage (Portion A10, A10b, A11 & A12)																					
Pile Cap Portion A10a																															
B10.3790	AEL North - BD Stage 6 - Pile Construction (Portion A10a)	5	02-Sep-16	08-Sep-16	13-Aug-16 A	22-Sep-16	70%	-9	14	B10.3790, AEL North - BD Stage 6 - Pile Construction (Portion A10a)																					
B10.3900	AEL North - BD Stage 6 - Underground Drainage (Portion A10a)	5	15-Sep-16	22-Sep-16	15-Sep-16	22-Sep-16	0%	0	621	B10.3900, AEL North - BD Stage 6 - Underground Drainage (Portion A10a)																					
Pile Cap Portion A11																															
B10.3710	AEL North - BD Stage 6 - Pile Cap Construction (Portion A11)	7	12-Sep-16	20-Sep-16	12-Sep-16	20-Sep-16	0%	0	22	B10.3710, AEL North - BD Stage 6 - Pile Cap Construction (Portion A11)																					
B10.3720	AEL North - BD Stage 6 - Underground Drainage (Portion A11)	7	12-Sep-16	20-Sep-16	12-Sep-16	20-Sep-16	0%	0	613	B10.3720, AEL North - BD Stage 6 - Underground Drainage (Portion A11)																					
Pile Cap Portion A12																															
B10.3730	AEL North - BD Stage 6 - Pile Cap Construction (Portion A12)	7	13-Sep-16	21-Sep-16	13-Sep-16	21-Sep-16	0%	0	21	B10.3730, AEL North - BD Stage 6 - Pile Cap Construction (Portion A12)																					
B10.3740	AEL North - BD Stage 6 - Underground Drainage (Portion A12)	7	13-Sep-16	21-Sep-16	13-Sep-16	21-Sep-16	0%	0	612	B10.3740, AEL North - BD Stage 6 - Underground Drainage (Portion A12)																					
Pilecaps - Portion (B6)																															
B10.3620	AEL North - BD Stage 5 - Underground Drainage (Portion B6)	12	02-Sep-16	19-Sep-16	02-Sep-16	19-Sep-16	0%	0	37	B10.3620, AEL North - BD Stage 5 - Underground Drainage (Portion B6)																					
RC Structure for Water Tank																															
B10.3355	AEL North - Construct Water Tank Part 2 (West of Portion B1)	35	02-Sep-16	25-Oct-16	02-Sep-16	25-Oct-16	0%	0	600	B10.3355, AEL North - Construct Water Tank Part 2 (West of Portion B1)																					
B2/F Slabs																															
B2 Slab - Portion (B8 & A9)																															
B10.3490	AEL North - B2 Slab - Stage 7 (Portion A9)	11	02-Sep-16	14-Sep-16	02-Sep-16	14-Sep-16	0%	0	0	B10.3490, AEL North - B2 Slab - Stage 7 (Portion A9)																					
B10.3530	AEL North - B2 Slab - Stage 7 (Portion B8)	9	08-Sep-16	20-Sep-16	08-Sep-16*	20-Sep-16*	0%	0	1	B10.3530, AEL North - B2 Slab - Stage 7 (Portion B8)																					
B2 Slab - Portion (B9)																															
B10.3500	AEL North - B2 Slab - Stage 7 (Portion B9)	9	01-Sep-16	10-Sep-16	01-Sep-16	10-Sep-16	0%	0	4	B10.3500, AEL North - B2 Slab - Stage 7 (Portion B9)																					
B2 Slab - Portion (A10a, A10b, A11 & A12)																															
B10.3075	AEL North - B2 Slab - Stage 7 (Portion A11)	6	21-Sep-16	28-Sep-16	21-Sep-16	28-Sep-16*	0%	0	25	B10.3075, AEL North - B2 Slab - Stage 7 (Portion A11)																					
B10.3085	AEL North - B2 Slab - Stage 7 (Portion A12)	6	22-Sep-16	30-Sep-16	22-Sep-16	30-Sep-16*	0%	0	18	B10.3085, AEL North - B2 Slab - Stage 7 (Portion A12)																					
B10.3035	AEL North - B2 Slab - Stage 7 (Portion A10b)	10	23-Sep-16	08-Oct-16	23-Sep-16	08-Oct-16*	0%	0	14	B10.3035, AEL North - B2 Slab - Stage 7 (Portion A10b)																					
B10.3045	AEL North - B2 Slab - Stage 7 (Portion A10a)	10	23-Sep-16	08-Oct-16	23-Sep-16	08-Oct-16	0%	0	54	B10.3045, AEL North - B2 Slab - Stage 7 (Portion A10a)																					

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25			
B10.3005	AEL North - B2 Slab - Stage 7 (Portion A10, A11, A12)	7	23-Sep-16	30-Sep-16	23-Sep-16	30-Sep-16	0%	0	23																									
B2 Slab - Portion (B6 & B7)																																		
B10.3022	AEL North - B2 Slab - Stage 5 (Portion B6)	7	10-Sep-16	20-Sep-16	10-Sep-16	20-Sep-16	0%	0	34																									
B10.3023	AEL North - B2 Slab - Stage 7 (Portion B7)	11	15-Sep-16	30-Sep-16	15-Sep-16	30-Sep-16	0%	0	46																									
B10.3024	Complete B2 Slab (exclude AEL Zone)	0		30-Sep-16		30-Sep-16	0%	0	46																									
B1/F Slab - Walls, Columns & B1/F Slabs																																		
AEL North - B1/F Slab other than AEL Zone																																		
B10.3055	AEL North - Wall, Column & B1 Slab (Portion B1B)	15	15-Mar-16	05-Apr-16	30-Mar-16 A	13-Sep-16	85%	-109	19																									
B10.3060	AEL North - Wall, Column & B1 Slab (Portion B1C)	34	31-May-16	23-Jul-16	24-Mar-16 A	05-Sep-16	85%	-29	136																									
B10.3520	AEL North - Wall, Column & B1 Slab (Portion B1E)	22	31-May-16	04-Jul-16	16-Apr-16 A	17-Sep-16	75%	-49	24																									
B10.3540	AEL North - Wall, Column & B1 Slab (Portion B1F)	20	05-Aug-16	02-Sep-16	01-Jul-16 A	19-Sep-16	80%	-11	3																									
B10.3525	AEL North - Wall, Column & B1 Slab (Portion B1E-5)	18	05-Aug-16	29-Aug-16	15-Jul-16 A	09-Sep-16	80%	-7	34																									
B10.3690	AEL North - Wall, Column & B1 Slab (Portion B1R)	20	08-Sep-16	08-Oct-16	08-Sep-16	08-Oct-16	0%	0	4																									
B10.3065	AEL North - Wall, Column & B1 Slab (Portion B1D)	19	15-Sep-16	15-Oct-16	15-Aug-16 A	29-Sep-16	15%	9	9																									
B10.3560	AEL North - Wall, Column & B1 Slab (Portion B1G) (Portion A6,	14	20-Sep-16	13-Oct-16	20-Sep-16	13-Oct-16	0%	0	3																									
B10.3550	AEL North - Wall, Column & B1 Slab (Portion B1J) (Portion B6)	10	22-Sep-16	07-Oct-16	22-Sep-16	07-Oct-16	0%	0	34																									
B10.3680	AEL North - Wall, Column & B1 Slab (Portion B1L) (Access Ram	26	22-Oct-16	22-Nov-16	22-Oct-16	22-Nov-16	0%	0	85																									
AEL North - B1/F Slab for Truss T1, T2 & T5 Erection																																		
B10.3090	AEL North - Wall, Column & B1 Slab (Portion A4 & A5)	18	22-Aug-16	17-Sep-16	22-Aug-16 A	27-Sep-16	0%	-7	140																									
C10.0120	AEL North - Construct Found Space Basement Wall and Cols to	15	02-Sep-16	23-Sep-16	02-Sep-16	23-Sep-16	0%	0	588																									
AEL North - B1/F Slab for CSF & RDE (North of GL 1)																																		
B10.3170	AEL North - Wall, Column & B1 Slab (Portion B1K) (Portion A12	12	03-Oct-16	21-Oct-16	03-Oct-16	21-Oct-16	0%	0	46																									
B10.3150	AEL North - Wall, Column & B1 Slab (Portion B1H) (Portion A10	45	14-Oct-16	07-Dec-16	14-Oct-16	07-Dec-16	0%	0	3																									
AEL South - B1/F Slab for DCS to facilitate Truss Erection																																		
B10.2135	AEL South (DCS) - B1 Floor Slab at ~+6.05mPD - Bay 2	11	03-Aug-16	17-Aug-16	29-Jul-16 A	02-Sep-16*	95%	-12	191																									
B10.2145	AEL South (DCS) - B1 Floor Slab at ~+6.05mPD - Bay 3	11	31-Aug-16	15-Sep-16	09-Aug-16 A	09-Sep-16	60%	3	620																									
B10.2115	AEL South (DCS) - Remove 2nd Layer Struts at 0.0mPD of DCS	8	02-Sep-16	12-Sep-16	02-Sep-16	12-Sep-16	0%	0	10																									
AEL South - RC Structures Prior to Area M14 H/O																																		
B10.1039b	AEL South - Construct Core Wall on PC96 from GF to 1/F Level	25	31-Jul-16	24-Aug-16	31-Jul-16 A	14-Sep-16	30%	-21	-15																									
B10.3310	AEL South - Construct Basement Road Wall between PC 109 &	17	02-Sep-16	26-Sep-16	02-Sep-16	26-Sep-16	0%	0	172																									
B10.3290	AEL South - Construct Basement Road Wall between PC 96 & P	17	02-Sep-16	26-Sep-16	02-Sep-16	26-Sep-16	0%	0	172																									
B10.1040	AEL South - Construct Core Wall on PC96 from 1/F to 1M/F Lev	5	15-Sep-16	22-Sep-16	15-Sep-16	22-Sep-16	0%	0	-9																									
B10.3300	AEL South - Construct External Wall between PC 96 & PC105 tc	25	27-Sep-16	03-Nov-16	27-Sep-16	03-Nov-16	0%	0	172																									
B10.3315	AEL South - Construct Walls, Column & Staircases to G/F Level	27	11-Oct-16	14-Nov-16	11-Oct-16	14-Nov-16	0%	0	172																									
B10.3320	AEL South - Construct G/F slab between PC 105, 109 & 116	16	08-Nov-16	25-Nov-16	08-Nov-16	25-Nov-16	0%	0	172																									
Podium Super-Structures																																		
Trusses																																		
AEL Tunnel Zone - Trusses 1																																		
C10.0145	AEL Tunnel Zone - Construct RC Column for Steel Trusses T1	21	22-Aug-16	15-Sep-16	22-Aug-16 A	30-Sep-16	40%	-13	-13																									
C10.0155	AEL Tunnel Zone - Truss 1 Construction Summary	117	11-Oct-16	02-Mar-17	11-Oct-16	02-Mar-17	0%	0	-13																									
C10.0160	AEL Tunnel Zone - Truss 1 Concreting of 1st pour of bottom ch	12	11-Oct-16	24-Oct-16	11-Oct-16	24-Oct-16	0%	0	-13																									
C10.0150	AEL Tunnel Zone - Erection of Temp Working Platform and Fals	50	13-Oct-16	09-Dec-16	12-Jul-16 A	08-Oct-16	20%	52	-13																									
C10.0185	AEL Tunnel Zone - Truss 1 install bottom steel plates	24	25-Oct-16	21-Nov-16	25-Oct-16	21-Nov-16	0%	0	-13																									
C10.0190	AEL Tunnel Zone - Truss 1 install temp platform, top nodes & ir	24	22-Nov-16	19-Dec-16	22-Nov-16	19-Dec-16	0%	0	-13																									

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016		
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	
AEI Tunnel Zone -Trusses 2																														
C10.0161	AEI Tunnel Zone - Construct RC Column for Steel Trusses T2	22	22-Aug-16	15-Sep-16	22-Aug-16 A	05-Oct-16	20%	-15	-4	C10.0161, AEI Tunnel Zone - Construct RC Column																				
C10.0170	AEI Tunnel Zone - Truss 2 Concreting of 1st pour of bottom ch	12	18-Oct-16	31-Oct-16	18-Oct-16	31-Oct-16	0%	0	-13	C10.0170, AEI Tunnel Zone -																				
C10.0165	AEI Tunnel Zone - Truss 2 Construction Summary	125	18-Oct-16	18-Mar-17	18-Oct-16	18-Mar-17	0%	0	-13																					
C10.0162	AEI Tunnel Zone - Erection of Temp Working Platform and Fals	50	29-Oct-16	28-Dec-16	12-Jul-16 A	08-Oct-16	20%	66	-1																					
C10.0198	AEI Tunnel Zone - Truss 2 install bottom steel plates	24	01-Nov-16	28-Nov-16	01-Nov-16	28-Nov-16	0%	0	-13	C10.0198, AEI Tunnel Zone -																				
C10.0200	AEI Tunnel Zone - Truss 2 install temp. platform, top nodes & i	24	29-Nov-16	28-Dec-16	29-Nov-16	28-Dec-16	0%	0	-13																					
AEI Tunnel Zone -Trusses 5																														
C10.0168	AEI Tunnel Zone - Construct Composite Columns for Truss T5	26	06-Aug-16	06-Sep-16	23-Jul-16 A	17-Sep-16	40%	-10	1	C10.0168, AEI Tunnel Zone - Construct Composite Columns for																				
C10.0180	AEI Tunnel Zone - Truss 5 Concreting of 1st pour of bottom ch	12	04-Oct-16	18-Oct-16	04-Oct-16	18-Oct-16	0%	0	-11	C10.0180, AEI Tunnel Zone - Truss 5 Co																				
C10.0175	AEI Tunnel Zone - Truss 5 Construction Summary	105	04-Oct-16	10-Feb-17	04-Oct-16	10-Feb-17	0%	0	-6																					
C10.0215	AEI Tunnel Zone - Truss 5 install bottom steel plates	24	19-Oct-16	15-Nov-16	19-Oct-16	15-Nov-16	0%	0	-6	C10.0215, AEI Tun																				
C10.0172	AEI Tunnel Zone - Erection of Temp Working Platform and Fals	50	29-Oct-16	28-Dec-16	12-Jul-16 A	03-Oct-16	40%	71	-11																					
C10.0220	AEI Tunnel Zone - Truss 5 install temp. platform, top nodes & i	24	16-Nov-16	13-Dec-16	16-Nov-16	13-Dec-16	0%	0	-6																					
C10.0225	AEI Tunnel Zone - Truss 5 Concreting of 2nd pour of bottom ch	15	26-Nov-16	13-Dec-16	26-Nov-16	13-Dec-16	0%	0	-6																					
AEI South - Trusses 3																														
B6A.1999	AEI Tunnel Zone - Construct Composite/RC Columns for Truss	20	15-Aug-16	06-Sep-16	08-Aug-16 A	19-Sep-16	20%	-10	10	B6A.1999, AEI Tunnel Zone - Construct Composite/RC Columns																				
B6A.2000	AEI South - Erection of Temp Working Platform and Falsework	46	05-Sep-16	31-Oct-16	05-Sep-16*	31-Oct-16	0%	0	10	B6A.2000, AEI South - Erection																				
B6A.2030	AEI South - Truss 3 Concreting of 1st pour of bottom chord (75	12	05-Nov-16	18-Nov-16	05-Nov-16	18-Nov-16	0%	0	10	B6A.2030, AEI S																				
B6A.2020	AEI South - Truss 3 Construction Summary	135	05-Nov-16	22-Apr-17	05-Nov-16	22-Apr-17	0%	0	10																					
B6A.2045	AEI South - Truss 3 install bottom steel plates	24	19-Nov-16	16-Dec-16	19-Nov-16	16-Dec-16	0%	0	10																					
AEI South - Trusses 4																														
B6A.2024	AEI Tunnel Zone - Construct Composite Columns for Truss T4	21	15-Aug-16	07-Sep-16	08-Aug-16 A	15-Sep-16	30%	-7	20	B6A.2024, AEI Tunnel Zone - Construct Composite Columns for Tr																				
B6A.2025	AEI South - Erection of Temp Working Platform and Falsework	46	05-Sep-16	31-Oct-16	05-Sep-16	31-Oct-16	0%	0	18	B6A.2025, AEI South - Erection																				
B6A.2040	AEI South - Truss 4 Concreting of 1st pour of bottom chord (75	12	05-Nov-16	18-Nov-16	05-Nov-16	18-Nov-16	0%	0	10	B6A.2040, AEI S																				
B6A.2035	AEI South - Truss 4 Construction Summary	105	05-Nov-16	14-Mar-17	05-Nov-16	14-Mar-17	0%	0	10																					
B6A.2058	AEI South - Truss 4 install bottom steel plates	24	19-Nov-16	16-Dec-16	19-Nov-16	16-Dec-16	0%	0	10																					
G/F Slabs - Walls, Columns & G/F Slab																														
AEI North																														
B20.0000	Podium G/F Portion GF1A - Wall, Column & G/F slab (GL 8-10/.	18	11-Oct-16	31-Oct-16	11-Oct-16	31-Oct-16	0%	0	5	B20.0000, Podium G/F Portion																				
B20.0015	Podium G/F Portion GF1 - Wall, Column & G/F slab (GL 4-7/A-I	23	15-Oct-16	10-Nov-16	15-Oct-16	10-Nov-16	0%	0	9	B20.0015, Podium G/F																				
B20.0005	Podium G/F Portion GF1 Tower Footprint - Wall, Column & Stru	14	25-Oct-16	09-Nov-16	25-Oct-16	09-Nov-16	0%	0	5	B20.0005, Podium G/F																				
B20.0050	Podium G/F Portion GF2 - Wall, Column & G/F slab (GL 1-4/A-I	23	11-Nov-16	07-Dec-16	11-Nov-16	07-Dec-16	0%	0	9	B																				
1/F Slabs - Walls, Columns & 1/F Slab																														
AEI North																														
B20.0425	Podium 1/F Tower Footprint (Block A) - Core Wall, Column & 1/	18	10-Nov-16	30-Nov-16	10-Nov-16	30-Nov-16	0%	0	5	B20.04																				
SPS Structures (include Excavation)																														
D01.3010	SPS - Construct Basement Structure	100	01-Aug-16	28-Nov-16	25-Jul-16 A	30-Nov-16	10%	-2	-83	D01.30																				
ICP Structures (include Excavation)																														
A3980	ICP - ELS works (Provisional)	110	31-May-16	12-Nov-16	20-May-16	19-Dec-16	30%	-31	-75																					
A4490	ICP - Structure works	244	20-Dec-16	18-Oct-17	25-Jul-16 A	03-Oct-17	5%	12	-83																					
Building Services																														
M+ Basement Building Service																														

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016					November 2016					December 2016				
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04						
B2/F MEP																																		
First Fix																																		
B40.8990	B2/F - Building Services - Zone A - 1st Fix	60	10-Nov-16	21-Jan-17	10-Nov-16	21-Jan-17	0%	0	179																									
B40.8995	B2/F - Building Services - 1st Fix - Summary	234	10-Nov-16	25-Aug-17	10-Nov-16	25-Aug-17	0%	0	16																									
B40.8985	Early Access for Building Services (1st Fix)	0	10-Nov-16		10-Nov-16		0%	0	179																									
ABWF																																		
M+ Basement ABWF																																		
B2/F ABWF																																		
B30.0006	B2/F Zone A - Builder's Work	42	20-Sep-16	09-Nov-16	20-Sep-16	09-Nov-16	0%	0	146																									
B30.0004	Early Access date for Builders Works at B2/F M+ Basement	0	20-Sep-16		20-Sep-16		0%	0	146																									
B30.0020	B2/F Zone C - Builder's Work	42	14-Oct-16	01-Dec-16	14-Oct-16	01-Dec-16	0%	0	111																									
B30.0040	B2/F Zone E - Builder's Work	42	31-Oct-16	17-Dec-16	31-Oct-16	17-Dec-16	0%	0	132																									
B30.0050	B2/F Zone F - Builder's Work	42	02-Nov-16	20-Dec-16	02-Nov-16	20-Dec-16	0%	0	118																									
B30.0010	B2/F Zone B - Builder's Work	42	15-Nov-16	05-Jan-17	15-Nov-16	05-Jan-17	0%	0	119																									
B1/F ABWF																																		
B30.1002	Early Access date for Builders Works at B1/F M+ Basement	0	28-Nov-16		28-Nov-16		0%	0	181																									
B30.1004	B1/F Zone A - Builder's Work	42	28-Nov-16	18-Jan-17	28-Nov-16	18-Jan-17	0%	0	181																									
M+ Podium ABWF																																		
3/F M+ Tower																																		
B30.9440	3/F M+ Tower (Block B) - Builder's Works	45	31-Aug-16	25-Oct-16	31-Aug-16	25-Oct-16	0%	0	304																									
External Works																																		
M+ External Works																																		
Utilities																																		
Drainage																																		
EW1045	Construct M+ manholes S1.1, S3.2, S3.3, S3.4 (terminal)	91	02-Sep-16	01-Dec-16	02-Sep-16	01-Dec-16	0%	0	708																									
EW1010	Construct the DN375 and DN600 storm drains within the At-gr.	75	02-Sep-16	12-Dec-16	02-Sep-16	12-Dec-16	0%	0	13																									
Storm Drain DN600 at Portion M45																																		
Storm Drain along Gridline D'-E'/1'-2'																																		
EW1700	Fence off work area for DN600 storm drain excavation	1	02-Sep-16	02-Sep-16	02-Sep-16	02-Sep-16	0%	0	263																									
EW1750	PIW handover of WHC6_1c for M+ connection	0		02-Sep-16		02-Sep-16*	0%	0	-40																									
EW1705	Excavate trial trench for existing Underground Utilities	14	02-Sep-16	22-Sep-16	02-Sep-16	22-Sep-16	0%	0	263																									
EW1708	Intall support to exisiting Underground Utilities	7	23-Sep-16	03-Oct-16	23-Sep-16	03-Oct-16	0%	0	263																									
EW1710	Excavate trench for DN600 and install shoring	10	04-Oct-16	20-Oct-16	04-Oct-16	20-Oct-16	0%	0	263																									
EW1730	Lay down DN600 pipe between WHC6_1c & MHS3.4	7	21-Oct-16	29-Oct-16	21-Oct-16	29-Oct-16	0%	0	263																									
EW1740	Backfill and reinstate pavement	2	31-Oct-16	01-Nov-16	31-Oct-16	01-Nov-16*	0%	0	263																									
Storm Drain along Gridline E'-G' / 1'-2'																																		
EW1765	Complete B2 Slab, Columns & Walls at A6 & A7	0		05-Nov-16		05-Nov-16	0%	0	259																									
EW1755	Excavate Trial trench for exisiting Underground Utilities	14	07-Nov-16	22-Nov-16	07-Nov-16	22-Nov-16	0%	0	259																									
EW1758	Install support to existing Underground Utilities	7	23-Nov-16	30-Nov-16	23-Nov-16	30-Nov-16	0%	0	259																									
Storm Drain DN375 at Portion M45																																		
Storm Drain along Gridline A-K' / 5'																																		
EW6110	Fence off Work area for DN375 storm drain excavation	1	02-Sep-16	02-Sep-16	02-Sep-16	02-Sep-16	0%	0	322																									
EW1640	PIW handover of WHC6_1e for M+ connection	0		02-Sep-16		02-Sep-16*	0%	0	-20																									

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	August 2016					September 2016					October 2016				November 2016				December 2016									
										31	07	14	21	28	04	11	18	25	02	09	16	23	30	06	13	20	27	04									
EW3100	Driving of sheet piles	32	07-Oct-16	17-Nov-16	07-Oct-16	17-Nov-16	0%	0	177																												
EW3110	Pre-boring for overcoming underground obstructions	20	15-Oct-16	10-Nov-16	15-Oct-16	10-Nov-16	0%	0	178																												
EW3120	Excavation for installing 1st layer of walings and struts	10	11-Nov-16	23-Nov-16	11-Nov-16	23-Nov-16	0%	0	177																												
EW3130	Installing 1st layer of walings and struts	18	18-Nov-16	08-Dec-16	18-Nov-16	08-Dec-16	0%	0	177																												
EW3140	Hanging and supporting of existing underground KGO and othe	9	24-Nov-16	05-Dec-16	24-Nov-16	05-Dec-16	0%	0	180																												
Ch105 to 108, for future connections by Lyric (trench fromation -3.6mPD)																																					
EW3200	Excavation for installing 2nd layer of walings and struts	5	24-Nov-16	30-Nov-16	24-Nov-16	30-Nov-16	0%	0	177																												
CH5 to 40 (trench formation +0.9mPD), Ch40 to 105 (trench formation+1.8mPD),																																					
EW3280	Excavation to bottom of trench	14	24-Nov-16	10-Dec-16	24-Nov-16	10-Dec-16	0%	0	197																												
DCS Box																																					
EW9010	Excavate Trial Trench	4	02-Sep-16	06-Sep-16	02-Sep-16	06-Sep-16	0%	0	307																												
EW9000	Access tp Portion M15 & M16	0	02-Sep-16		02-Sep-16		0%	0	307																												
EW9020	Open Cut Excavation (one side of Pipe Piles Gammon)	4	08-Sep-16	12-Sep-16	08-Sep-16	12-Sep-16	0%	0	307																												
EW9030	Pour Blinding	1	13-Sep-16	13-Sep-16	13-Sep-16	13-Sep-16	0%	0	307																												
EW9170	1st Pour Lower Slab (FRC + Puddle flange)	4	15-Sep-16	20-Sep-16	15-Sep-16	20-Sep-16	0%	0	307																												
EW9180	2nd Pour Lower Slab (FRC + Puddle flange)	4	22-Sep-16	26-Sep-16	22-Sep-16	26-Sep-16	0%	0	307																												
EW9190	Remove Shutter	1	27-Sep-16	27-Sep-16	27-Sep-16	27-Sep-16	0%	0	307																												
EW9200	Backfill & Reinstate to Ground Level	3	29-Sep-16	03-Oct-16	29-Sep-16	03-Oct-16	0%	0	307																												
EW9210	DCS Box complete	0		03-Oct-16		03-Oct-16	0%	0	307																												
Intaking Chiller Mains																																					
B10.1100	Intake Chiller Mains - Install Grout Curtain along Sheet Piles	42	26-Nov-16	17-Jan-17	26-Nov-16	17-Jan-17	0%	0	455																												
Statutory Inspections & Occupation Permit (OP)																																					
M+ Museum - Statutory Inspection & Approval																																					
M+ Museum - WSD (FS Pipeworks) Inspection & Approval																																					
SH4200	FS - Submit Form WW046 (Part 1 & 2) and Approval by WSD (S	90	10-Sep-16	08-Dec-16	10-Sep-16*	08-Dec-16	0%	0	229																												
M+ Museum - WSD (Plumbing) Inspection & Approval																																					
SH4260	Plumbing - Submit Form WW046 (Part 1 & 2) to WSD (Subject	90	10-Sep-16	08-Dec-16	10-Sep-16*	08-Dec-16	0%	0	229																												
Summary Programme																																					
M+																																					
Foundation & Basement																																					
SM1010	Excavation & ELS Works	310	02-Nov-15	18-Nov-16	02-Nov-15 A	21-Jan-17	66%	-52	38																												
SM1020	Pilecaps & U/G Drainage Construction	110	04-Jan-16	20-May-16	04-Jan-16 A	13-Sep-16	86%	-96	60																												
SM1030	B2/F to B1/F Structure	321	25-Jan-16	25-Feb-17	25-Jan-16 A	18-Mar-17	48%	-18	-7																												
SM1040	B1/F to LG/F Structure	92	15-Mar-16	08-Jul-16	15-Mar-16 A	28-Dec-16	7%	-142	7																												
SM1110	Basement ABWF Works	364	20-Sep-16	09-Dec-17	20-Sep-16	09-Dec-17	0%	0	39																												
Podium																																					
SM1050	Trusses Construction	131	11-Oct-16	18-Mar-17	11-Oct-16	18-Mar-17	0%	0	6																												
SM1060	G/F Slab & RC Structure to 3/F	332	11-Oct-16	21-Nov-17	11-Oct-16	21-Nov-17	0%	0	39																												
SPS																																					
SM1470	SPS RC Structure	100	01-Aug-16	28-Nov-16	25-Jul-16 A	30-Nov-16	1%	-2	-83																												
External Works																																					
SM1400	M+ External Works	330	02-Sep-16	13-Oct-17	02-Sep-16	13-Oct-17	0%	0	245																												

- EW9010, Excavate Trial Trench
- Access tp Portion M15 & M16, Access tp Portion M15 & M16, 02-Sep-16
- EW9020, Open Cut Excavation (one side of Pipe Piles Gammon)
- EW9030, Pour Blinding
- EW9170, 1st Pour Lower Slab (FRC + Puddle flange)
- EW9180, 2nd Pour Lower Slab (FRC + Puddle flange)
- EW9190, Remove Shutter
- EW9200, Backfill & Reinstate to Ground Level
- DCS Box complete, DCS Box complete,

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017				
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08		
3MRP Three Months Rolling Programme Update (30 Sept 016)																														
Contract Key Dates & Milestones																														
Contract Dates																														
CP02	Contract Period (1218 days)	1216	26-Sep-15	25-Jan-19	26-Sep-15 A	19-Apr-19	30%	-84	-84																					
Schedule of Milestones																														
Cost Centre A - Preliminaries and General Requirements																														
MSA.06	Compliance Review to the CA's satisfaction on Project Time & C	0		30-Jun-16		30-Sep-16	0%	-2	6																Compliance Review to the CA's satisfaction on Project Time & Construction PMgt					
MSA.07	Compliance Review to the CA's satisfaction on Project Time & C	0		30-Sep-16		30-Sep-16	0%	0	6																Compliance Review to the CA's satisfaction on Project Time & Construction PMgt					
Cost Centre B - M+																														
MSB.05	Complete all Columns, Structural Cores and other work necessa	0		30-Sep-16		30-Nov-16	0%	-2	27																Complete all Columns, Structural					
Cost Centre C - Public Works and Tunnel Protection Works																														
MSC.02	First delivery of major Truss Steelwork elements to the Site for	0		30-Jun-16		31-Oct-16	0%	-4	28																First delivery of major Truss Steelwork elements to the					
MSC.04i	Complete of all work necessary for commencement of erection	0		30-Sep-16		30-Nov-16	0%	-2	27																Complete of all work necessary					
MSC.04ii	Complete all Columns, Structural Cores and other work necessa	0		31-Jul-16		30-Nov-16	0%	-4	27																Complete all Columns, Structural					
Cost Centre D2 - Interfacing Car Park Works																														
MSD2.01	Complete all ELS works (t=M10)	0		31-Jul-16		30-Nov-16	0%	-4	27																Complete all ELS works (t=M10)					
Interface Dates																														
Access Date																														
AD1420	M45 - At-grade Road Footpath along M+ Basement (from PIW)	0	01-Jun-16		30-Sep-16		0%	-121	225																M45 - At-grade Road Footpath along M+ Basement (from PIW) (01Jun2016); M					
AD1530	M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (t.b	0	29-Jun-16		30-Sep-16		0%	-93	848																M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (t.b.a.), M70 - Arts I					
AD1410	M44 - At-grade Road Footpath at ICP / SPS Frontage (from PIW	0	01-Jun-16		30-Sep-16		0%	-121	341																M44 - At-grade Road Footpath at ICP / SPS Frontage (from PIW) (01Jun2016),					
AD1110	M12 - Lyric Interface North (2nd access) (30Nov16)	0	29-Dec-16		22-Oct-16		0%	67	34																M12 - Ly					
Vacation Date																														
VD1240	M22 - ICP/SPS Frontage within At-grade Road (H/O to PIW) (3C	0		30-Nov-15		30-Sep-16	0%	-304	-98																M22 - ICP/SPS Frontage within At-grade Road (H/O to PIW) (30Nov2015), M22					
VD1070	M08 - Park Phase 3 Part at Waterfront (15Jun2016)	0		15-Jun-16		01-Dec-16	0%	-169	785																M08 - Park Phase 3 Part at Wa					
Interface Schedule (Refer to Interface Schedule - Appendix D1 20-Nov-2015)																														
Lyric Theatre Complex and Extended Basement (Lyric)																														
Along Interface North of AEL																														
IF1020	Complete excavation north of AEL for B2/F slab and vacate M12	0		23-Sep-16		30-Sep-16	0%	-6	57																Complete excavation north of AEL for B2/F slab and vacate M12, Complete exca					
IF1060	Take possession of M12 for external wall construction	0	29-Dec-16		29-Oct-16		0%	61	28																Take pos					
Along Interface South of AEL																														
Grid 6 & 12 Area																														
IF1038	Complete Core Walls on PC96 to G/F Level	0		20-May-16		18-Oct-16	0%	-151	829																Complete Core Walls on PC96 to G/F Level, Complete Core Walls					
IF1036	Complete PC109 & Basement Road Wall between PC109 & 116	0		24-May-16		27-Oct-16	0%	-156	820																Complete PC109 & Basement Road Wall between PC109 &					
IF1039	Complete Basement Road Wall between PC96, 103 & 105 to G/	0		28-May-16		25-Nov-16	0%	-181	791																Complete Basement Road Wall betw					
IF1034	Complete External Wall from B1/F to G/F Level between Grid 6	0		27-Jun-16		17-Dec-16	0%	-173	769																Complete Externa					
PIW Phase 1																														
Civil & Structural Interface with PIW At-Grade Road																														
M+ North West Boundary																														

- ◆ Baseline Milestone
- Primary Baseline
- ◆ Milestone
- Non-Critical
- Critical Bar
- Actual Work

West Kowloon Cultural District Authority

(3MRP-12) Three Months Rolling Programme Status at 30 Sept 2016



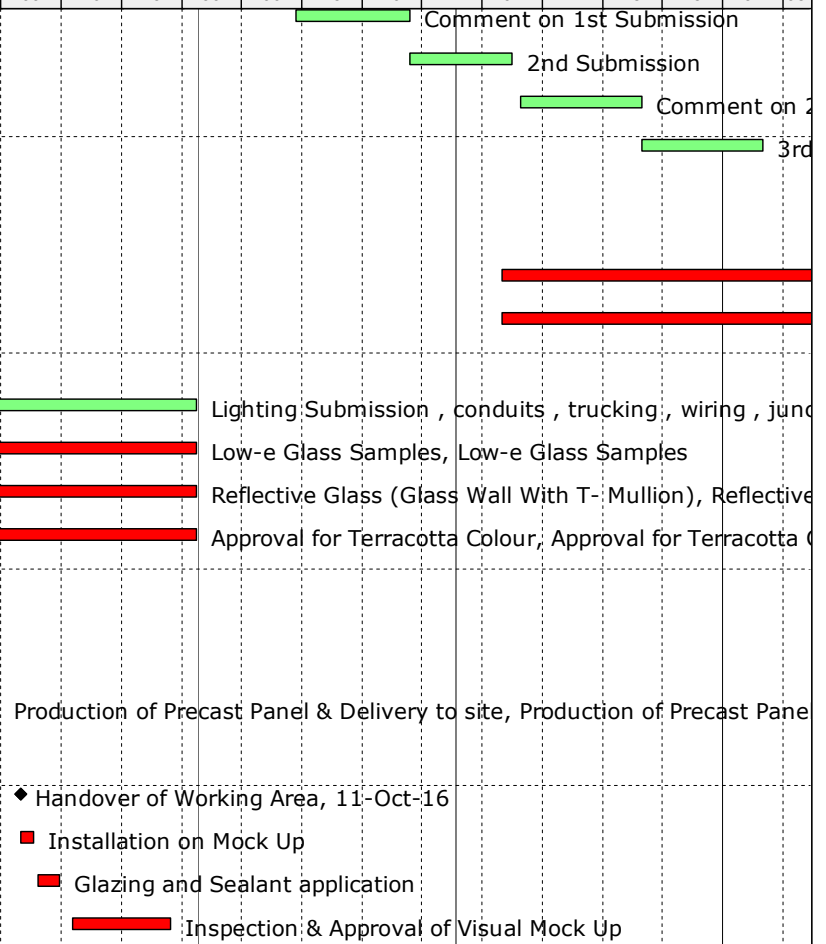
CMWP-12			
Date	Revision	Checked	Approved
06-May-16	(CMWP-07) Monthly Update Status at 30 April 2016	Jojo	Ricky Lau / Chris Chau
08-Jun-16	(CMWP-08) Monthly Update Status at 31 May 2016	Jojo	Ricky Lau / Chris Chau
14-Jul-16	(CMWP-09) Monthly Update Status at 30 June 2016	Jojo	Ricky Lau / Chris Chau
08-Aug-16	(CMWP-10) Monthly Update Status at 31 July 2016	Jojo	Ricky Lau / Chris Chau
08-Sep-16	(CMWP-11) Monthly Update Status at 31 Aug 2016	Jojo	Ricky Lau / Chris Chau

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18
SUM.0025	Facade Door - Shop Drawings	77			30-Sep-16	04-Jan-17	0%		-34																
SUM.0070	Facade - Production Mock-Up	185			29-Oct-16	15-Jun-17	0%		28																
SUM.0090	Facade - Bulk Production & Fabrication	361			01-Dec-16	22-Feb-18	0%		-10																
M+ RC Structure																									
M+ Podium																									
SUM.0100	Podium - B1/Floor Slab Structure	215			15-Mar-16 A	20-Dec-16	40%		44																
SUM.0110	Podium - Grd/Flr Slab Structure	291			04-Nov-16	27-Oct-17	0%		5																
SUM.0120	Podium - 1st/Flr Slab Structure	276			05-Dec-16	10-Nov-17	0%		355																
SUM.0130	Podium - 1M/Flr Slab Structure	222			28-Dec-16	26-Sep-17	0%		-29																
Preliminaries																									
Pre-Construction - Design & Procurements																									
External Facade for M+ Podium (By Permasteelisa)																									
Facade Shop Drawing Submission																									
Podium Facade																									
DS.2004.18	2nd Submission	6			30-Jul-16 A	08-Oct-16	90%		-44																
DS.2004.20	Comment on 2nd Submission	11			11-Oct-16	22-Oct-16	0%		-44																
DS.2004.22	3rd Submission	6			24-Oct-16	29-Oct-16	0%		-44																
DS.2004.24	Approval	12			31-Oct-16	12-Nov-16	0%		-44																
Glass Wall with T Mullion (Kinked & Straight B1/F & G/F),CW-01a to 03d																									
DS.2004.28	Comment on 1st Submission	10			30-Jul-16 A	08-Oct-16	90%		-43																
DS.2004.30	2nd Submission	5			11-Oct-16	15-Oct-16	0%		-43																
DS.2004.32	Comment on 2nd Submission	10			18-Oct-16	29-Oct-16	0%		-43																
DS.2004.34	3rd Submission	7			29-Oct-16	05-Nov-16	0%		-43																
DS.2004.36	Approval	12			07-Nov-16	19-Nov-16	0%		-43																
Glass Wall with Precast Mullion & Ceramic Mullion,CW-04-05d and 07																									
DS.2004.38	1st Submission	10			30-May-16 A	07-Oct-16	70%		-30																
DS.2004.40	Comment on 1st Submission	10			08-Oct-16	20-Oct-16	0%		-30																
DS.2004.42	2nd Submission	6			21-Oct-16	27-Oct-16	0%		-30																
DS.2004.44	Comment on 2nd Submission	11			29-Oct-16	10-Nov-16	0%		-30																
DS.2004.46	3rd Submission	6			11-Nov-16	17-Nov-16	0%		-30																
DS.2004.48	Approval	12			18-Nov-16	01-Dec-16	0%		-30																
Podium Ceramic Concrete Tubes & with Perforated Cladding, FAC-CW-07																									
DS.2004.50	1st Submission	10			27-May-16 A	07-Oct-16	30%		-23																
DS.2004.52	Comment on 1st Submission	10			11-Oct-16	21-Oct-16	0%		-23																
DS.2004.54	2nd Submission	6			22-Oct-16	28-Oct-16	0%		-23																
DS.2004.56	Comment on 2nd Submission	11			29-Oct-16	10-Nov-16	0%		-23																
DS.2004.58	3rd Submission	6			11-Nov-16	17-Nov-16	0%		-23																
DS.2004.60	Approval	12			18-Nov-16	01-Dec-16	0%		-23																
Garden Gallery Ceramic Cladding & Ceiling,CE-03a,03b,03c																									
DS.2004.62	1st Submission	10			17-Apr-16 A	14-Oct-16	90%		38																
DS.2004.64	Comment on 1st Submission	11			15-Oct-16	28-Oct-16	0%		38																
DS.2004.66	2nd Submission	6			28-Oct-16	04-Nov-16	0%		38																
DS.2004.68	Comment on 2nd Submission	11			04-Nov-16	17-Nov-16	0%		38																

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017		
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25
DS.2004.70	3rd Submission	6			17-Nov-16	24-Nov-16	0%		38																	
DS.2004.72	Approval	12			24-Nov-16	08-Dec-16	0%		38																	
L3 Storefront, CW-08a, 08b																										
DS.2004.78	2nd Submission	5			22-Jul-16 A	04-Oct-16	70%		111																	
DS.2004.80	Comment on 2nd Submission	11			05-Oct-16	18-Oct-16	0%		111																	
DS.2004.82	3rd Submission	6			19-Oct-16	25-Oct-16	0%		111																	
DS.2004.84	Approval	12			26-Oct-16	08-Nov-16	0%		111																	
Strip Glazing at Skylight Gallery L3 & Plaza Skylight, CW10, SK-01, 02																										
DS.2004.88	Comment on 1st Submission	10			22-Jul-16 A	08-Oct-16	90%		45																	
DS.2004.90	2nd Submission	5			11-Oct-16	15-Oct-16	0%		45																	
DS.2004.92	Comment on 2nd Submission	11			18-Oct-16	29-Oct-16	0%		45																	
DS.2004.94	3rd Submission	6			31-Oct-16	05-Nov-16	0%		85																	
DS.2004.96	Approval	12			07-Nov-16	19-Nov-16	0%		85																	
Shop Drawings Metal Cladding FAC-LV-01b (Additional Scope)																										
DS.2004.106	1st Submission	11			30-Sep-16*	15-Oct-16	0%		50																	
DS.2004.116	Comment on 1st Submission	12			15-Oct-16	29-Oct-16	0%		50																	
DS.2004.126	2nd Submission	5			29-Oct-16	04-Nov-16	0%		50																	
DS.2004.136	Comment on 2nd Submission	11			04-Nov-16	17-Nov-16	0%		50																	
DS.2004.146	3rd Submission	6			17-Nov-16	24-Nov-16	0%		50																	
DS.2004.156	Approval	11			24-Nov-16	07-Dec-16	0%		50																	
Facade Doors - Shop Drawings Submission (Additional Works)																										
Facade Door Package # 1: Glazed Doors Bet Ceramic Concrete Mullion (Total = 53 nos)																										
DS.2004.166	Facade Door Package # 1 - 1st Submission	12			30-Sep-16*	17-Oct-16	0%		-32																	
DS.2004.176	Facade Door Package # 1 - Comment on 1st Submission	12			17-Oct-16	31-Oct-16	0%		-32																	
DS.2004.186	Facade Door Package # 1 - 2nd Submission	17			31-Oct-16	19-Nov-16	0%		-32																	
DS.2004.196	Facade Door Package # 1 - Comment on 2nd Submission	10			19-Nov-16	01-Dec-16	0%		-32																	
DS.2004.206	Facade Door Package # 1 - 3rd Submission	12			01-Dec-16	15-Dec-16	0%		-32																	
DS.2004.216	Facade Door Package # 1 - Approval	12			15-Dec-16	31-Dec-16	0%		-32																	
Facade Door Package # 2: Sliding Door in L3 Storefront (Total = 4 nos automatic)																										
DS.2004.226	Facade Door Package # 2 - 1st Submission	12			30-Sep-16*	15-Oct-16	0%		-32																	
DS.2004.236	Facade Door Package # 2 - Comment on 1st Submission	12			17-Oct-16	29-Oct-16	0%		-32																	
DS.2004.246	Facade Door Package # 2 - 2nd Submission	18			31-Oct-16	21-Nov-16	0%		-32																	
DS.2004.256	Facade Door Package # 2 - Comment on 2nd Submission	11			21-Nov-16	03-Dec-16	0%		-32																	
DS.2004.266	Facade Door Package # 2 - 3rd Submission	11			03-Dec-16	16-Dec-16	0%		-32																	
DS.2004.276	Facade Door Package # 2 - Approval	11			16-Dec-16	31-Dec-16	0%		-32																	
Facade Door Package # 3: Swing Door at L3 Cafe (Total = 1 no Manual)																										
DS.2004.286	Facade Door Package # 3 - 1st Submission	12			30-Sep-16*	15-Oct-16	0%		-21																	
DS.2004.296	Facade Door Package # 3 - Comment on 1st Submission	12			17-Oct-16	29-Oct-16	0%		-21																	
DS.2004.306	Facade Door Package # 3 - 2nd Submission	12			31-Oct-16	14-Nov-16	0%		-21																	
DS.2004.316	Facade Door Package # 3 - Comment on 2nd Submission	12			14-Nov-16	28-Nov-16	0%		-21																	
DS.2004.326	Facade Door Package # 3 - 3rd Submission	5			28-Nov-16	03-Dec-16	0%		-21																	
DS.2004.336	Facade Door Package # 3 - Approval	11			03-Dec-16	16-Dec-16	0%		-21																	
Facade Door Package # 4: Swing Door Mounted in GW with T-Mullion (Total = 29 nos)																										
DS.2004.346	Facade Door Package # 4 - 1st Submission	14			30-Sep-16*	19-Oct-16	0%		-32																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017		
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25
DS.2004.736	Facade Door Package # 10 - Comment on 2nd Submission	12			19-Nov-16	03-Dec-16	0%		-34																	
DS.2004.746	Facade Door Package # 10 - 3rd Submission	12			03-Dec-16	17-Dec-16	0%		-34																	
DS.2004.756	Facade Door Package # 10 - Approval	12			17-Dec-16	04-Jan-17	0%		-34																	
Facade Door Package # 11: CSF Bldg (Total = 2 nos)																										
DS.2004.766	Facade Door Package # 11 - 1st Submission	12			30-Sep-16*	17-Oct-16	0%		-20																	
DS.2004.776	Facade Door Package # 11 - Comment on 1st Submission	12			17-Oct-16	31-Oct-16	0%		-20																	
DS.2004.786	Facade Door Package # 11 - 2nd Submission	11			31-Oct-16	12-Nov-16	0%		-20																	
DS.2004.796	Facade Door Package # 11 - Comment on 2nd Submission	10			12-Nov-16	24-Nov-16	0%		-20																	
DS.2004.806	Facade Door Package # 11 - 3rd Submission	6			24-Nov-16	01-Dec-16	0%		-20																	
DS.2004.816	Facade Door Package # 11 - Approval	12			01-Dec-16	15-Dec-16	0%		-20																	
Facade Door Package # 12: B1/F Smoke Vent Panel (Total = 1 no)																										
DS.2004.826	Facade Door Package # 12 - 1st Submission	12			30-Sep-16*	17-Oct-16	0%		-22																	
DS.2004.836	Facade Door Package # 12 - Comment on 1st Submission	11			17-Oct-16	29-Oct-16	0%		-22																	
DS.2004.846	Facade Door Package # 12 - 2nd Submission	12			29-Oct-16	12-Nov-16	0%		-22																	
DS.2004.856	Facade Door Package # 12 - Comment on 2nd Submission	12			12-Nov-16	26-Nov-16	0%		-22																	
DS.2004.866	Facade Door Package # 12 - 3rd Submission	6			26-Nov-16	03-Dec-16	0%		-22																	
DS.2004.876	Facade Door Package # 12 - Approval	12			03-Dec-16	17-Dec-16	0%		-22																	
Embed BD Submission																										
M+ Podium																										
M+ Podium (B1/F) - Embed Submission																										
DS.2005.10	BD Submission & Approval	60			16-Jul-16 A	05-Oct-16	90%		-38																	
DS.2005.12	Preparation of BD Consent Application	5			06-Oct-16	12-Oct-16	0%		-38																	
DS.2005.14	BD Consent Application	30			13-Oct-16	16-Nov-16	0%		-38																	
M+ Podium (G/F to 3/F) - Embed Submission																										
DS.2005.24	BD Submission & Approval	60			15-Jul-16 A	05-Oct-16	90%		-1																	
DS.2005.26	Preparation of BD Consent Application	6			06-Oct-16	13-Oct-16	0%		-1																	
DS.2005.28	BD Consent Application	30			14-Oct-16	17-Nov-16	0%		-1																	
M+ Tower																										
M+ Tower (4/F to RF/F) - Embed Submission																										
DS.2006.02	1st embed BD submission to Consultants	11			30-Sep-16	14-Oct-16	0%		-26																	
DS.2006.04	1st embed BD submission Comments	11			15-Oct-16	27-Oct-16	0%		-26																	
DS.2006.06	2nd embed BD submission to Consultants	6			28-Oct-16	03-Nov-16	0%		-26																	
DS.2006.08	RSC Submitted to BD	3			04-Nov-16	08-Nov-16	0%		-26																	
DS.2006.10	BD Submission & Approval	60			08-Nov-16	20-Jan-17	0%		-26																	
BD Submission, Consent & Approval																										
Tower Precast Unitized Facade																										
DS.2016.12	1st BD Submission to Consultant	10			05-Jun-16 A	14-Oct-16	60%		-26																	
DS.2016.14	Comment on 1st Submission	11			15-Oct-16	27-Oct-16	0%		-26																	
DS.2016.16	2nd Submission	10			28-Oct-16	08-Nov-16	0%		-26																	
DS.2016.18	Comment on 2nd Submission	11			09-Nov-16	22-Nov-16	0%		-26																	
DS.2016.20	3rd Submission	10			22-Nov-16	02-Dec-16	0%		-26																	
DS.2016.22	Comment on 3rd Submission	12			03-Dec-16	16-Dec-16	0%		-26																	
DS.2016.24	RSE Submitted to BD	4			17-Dec-16	22-Dec-16	0%		-26																	
DS.2016.26	BD Submission & Approval	60			23-Dec-16	08-Mar-17	0%		-26																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016			December 2016				January 2017								
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08					
DS.2016.154	Comment on 1st Submission	12			12-Nov-16	25-Nov-16	0%		156																								
DS.2016.156	2nd Submission	10			25-Nov-16	07-Dec-16	0%		156																								
DS.2016.158	Comment on 2nd Submission	11			08-Dec-16	22-Dec-16	0%		156																								
DS.2016.160	3rd Submission	10			22-Dec-16	05-Jan-17	0%		156																								
Material Submission & Approval																																	
Material Sample Submission																																	
DS.2018.28	Facade Door - Glass sample submission	36			06-Dec-16	20-Jan-17	0%		-34																								
DS.2018.38	Facade Door - Steel Frame & Ironmogery sample submission	36			06-Dec-16	20-Jan-17	0%		-34																								
Material Approval																																	
DS.2020.10	Lighting Submission , conduits , trucking , wiring , junction box	11			20-Dec-15 A	31-Oct-16	80%		23																								
DS.2020.14	Low-e Glass Samples	208			21-Dec-15 A	31-Oct-16	90%		-13																								
DS.2020.16	Reflective Glass (Glass Wall With T- Mullion)	208			21-Dec-15 A	31-Oct-16	90%		-16																								
DS.2020.12	Approval for Terracotta Colour	11			27-Dec-15 A	31-Oct-16	80%		-16																								
Visual Mock Up																																	
Tower Facade Panel Visual Mock Up																																	
Terracotta																																	
DS.2021.22	Production of Precast Panel & Delivery to site	37			23-Aug-16 A	08-Oct-16	90%		-22																								
Installation																																	
DS.2021.24	Handover of Working Area	0			11-Oct-16		0%		-22																								
DS.2021.26	Installation on Mock Up	2			11-Oct-16	12-Oct-16	0%		-22																								
DS.2021.28	Glazing and Sealant application	3			13-Oct-16	15-Oct-16	0%		-22																								
DS.2021.30	Inspection & Approval of Visual Mock Up	11			17-Oct-16	28-Oct-16	0%		-22																								
Concrete Shell Mock Up																																	
Podium Facade Panel Visual Mock Up																																	
Terracotta																																	
DS.2021.52	Production & delivery of Terracotta to Precast Factory	12			23-Mar-16 A	08-Oct-16	90%		-29																								
DS.2021.54	Production of Precast Panel & Delivery	40			11-Oct-16	25-Nov-16	0%		-29																								
Installation																																	
DS.2021.56	Handover of Working Area	0			26-Nov-16		0%		-29																								
DS.2021.58	Installation on Mock Up	4			26-Nov-16	30-Nov-16	0%		-29																								
DS.2021.59	Inspection & Approval of Visual Mock Up	11			01-Dec-16	13-Dec-16	0%		-29																								
Ground Floor Ceramic Cladding , Glass Wall with Ceramic Mullion & Concrete Mullion																																	
Visual Mock Up Drawing Submission																																	
DS.2021.77	Drawing Approval	13			30-Sep-16	17-Oct-16	0%		-10																								
Ordering & Production of Concrete Shell Mock Up Material																																	
DS.2021.78	Coated Glass production	60			02-Mar-16 A	15-Oct-16	90%		-1																								
Terracotta																																	
DS.2021.88	Production & delivery of Terracotta to Precast Factory	12			24-Mar-16 A	08-Oct-16	90%		-34																								
DS.2021.90	Production of Precast Panel & Delivery	30			11-Oct-16	14-Nov-16	0%		-34																								
Installation																																	
DS.2021.94	Installation on Frame	8			15-Nov-16	23-Nov-16	0%		-34																								
DS.2021.96	Glazing & Sealant Application	2			24-Nov-16	25-Nov-16	0%		-34																								
DS.2021.97	Inspection & Approval of Visual Mock Up	10			25-Nov-16	07-Dec-16	0%		-34																								
Hybrid Mock Up																																	



Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18
Glass Wall with T-Mullion,CW-02a,02b																									
Ordering & Production of Hybrid Mock Up Mateial																									
DS.2021.118	Production of Steel Frame and Alum Cladding	30			02-Mar-16 A	04-Oct-16	90%		-26	Production of Steel Frame and Alum Cladding, Production of Steel Frame and Alum Cladding															
Installation of Mock Up Sample																									
DS.2021.124	Installation of Steel Frame and Flashing	10			30-Sep-16	13-Oct-16	0%		-26	Installation of Steel Frame and Flashing															
DS.2021.126	Glazing	2			14-Oct-16	15-Oct-16	0%		-26	Glazing															
DS.2021.128	Application of Structural Sealant	2			15-Oct-16	18-Oct-16	0%		-26	Application of Structural Sealant															
DS.2021.98	Inspection & Approval of Visual Mock Up	10			20-Oct-16	01-Nov-16	0%		-26	Inspection & Approval of Visual Mock Up															
L3 Storefront,CW-08																									
Shopdrawing Submission																									
DS.2021.146	Approval of Visual Mock Up Drawing	13			11-May-16 A	05-Oct-16	90%		66	Approval of Visual Mock Up Drawing, Approval of Visual Mock Up Drawing															
Ordering & Production of Hybrid Mock Up Mateial																									
DS.2021.152	Production of Steel Frame and Alum Cladding	36			04-Mar-16 A	18-Oct-16	80%		51	Production of Steel Frame and Alum Cladding, Production of Steel Frame and Alum Cladding															
Installation of Mock Up Sample																									
DS.2021.158	Installation of Steel Frame and Flashing	6			19-Oct-16	25-Oct-16	0%		51	Installation of Steel Frame and Flashing															
DS.2021.160	Install Glazing	2			25-Oct-16	27-Oct-16	0%		51	Install Glazing															
DS.2021.162	Application of Structural Sealant	2			27-Oct-16	28-Oct-16	0%		51	Application of Structural Sealant															
DS.2021.163	Inspection & Approval of Visual Mock Up	11			31-Oct-16	12-Nov-16	0%		51	Inspection & Approval of Visual Mock Up															
Garden Galley Visual Mock Up,ce-03a,03c																									
Visual Mock Up Drawing Submission																									
DS.2021.172	Approval on Shop Drawings	10			30-Sep-16*	13-Oct-16	0%		45	Approval on Shop Drawings															
Terracotta																									
DS.2021.176	Production of Terracotta	24			11-Oct-16	07-Nov-16	0%		45	Production of Terracotta															
DS.2021.178	Delivery of Terracotta to Precast Factory	1			18-Nov-16	18-Nov-16	0%		45	Delivery of Terracotta to Precast Factory															
Installation																									
DS.2021.187	Delivery of ceramic precast mullion to site	2			19-Nov-16	21-Nov-16	0%		45	Delivery of ceramic precast mullion to site															
DS.2021.188	Installation of Terracotta on Mock-up	6			23-Nov-16	29-Nov-16	0%		45	Installation of Terracotta on Mock-up															
Production Mock Up																									
Tower Precast Facade Panels w/ Percast Concrete , Terracotta, lighting & Curtain Wall																									
Tower Facade - Ordering & Production of Material																									
DS.2022.4	Sealant Ordering (Typical two weeks time, tailor made need th	12			29-Oct-16*	11-Nov-16	0%		90	Sealant Ordering (Typical two weeks time, tailor made need th															
Tower Facade - Glass Production & Fabrication																									
DS.2022.6	Coated Glass Production	48			29-Oct-16*	24-Dec-16	0%		30	Coated Glass Production															
DS.2022.8	Fabrication of Insulated Glass Panel	13			27-Dec-16	11-Jan-17	0%		30	Fabrication of Insulated Glass Panel															
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																									
DS.2022.12	Die Making	21			14-Nov-16*	07-Dec-16	0%		33	Die Making															
DS.2022.16	Aluminium Extrusion Production	12			10-Dec-16	24-Dec-16	0%		33	Aluminium Extrusion Production															
DS.2022.14	PVF2 Paint Ordering	12			10-Dec-16	24-Dec-16	0%		33	PVF2 Paint Ordering															
Tower Facade - Terracotta																									
DS.2022.22	Ordering of Terracotta	10			29-Oct-16	10-Nov-16	0%		56	Ordering of Terracotta															
DS.2022.24	Die Making of Terracotta	45			10-Nov-16	05-Jan-17	0%		56	Die Making of Terracotta															
DS.2022.26	Production & delivery of Terracotta Mockup Sample	45			24-Nov-16	19-Jan-17	0%		56	Production & delivery of Terracotta Mockup Sample															
Tower Facade - Precast Concrete Facade																									
Tower Facade - Precast Facade Die Making																									

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016			November 2016				December 2016				January 2017										
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08							
DS.2022.28	Tower Facade Precast Concrete Mould Making	45			29-Oct-16	20-Dec-16	0%		34																										
DS.2022.30	Concreting of Precast Concrete	18			22-Dec-16	13-Jan-17	0%		34																										
Podium Precast Facade Panel w/ Percast Concrete , Terracotta & Curtain Wall																																			
Podium Facade - Ordering & Production of Material																																			
Podium Facade - Glass Production & Fabrication																																			
DS.2022.42	Sealant Ordering (Typical two weeks time, tailor made need th	12			14-Dec-16*	29-Dec-16	0%		24																										
DS.2022.44	Coated Glass Production	48			14-Dec-16	14-Feb-17	0%		-24																										
Podium Facade - Curtain Wall glazed panel production and Fabricatioin																																			
DS.2022.48	Die Making	48			14-Dec-16	14-Feb-17	0%		-29																										
DS.2022.46	PVF2 Paint Ordering	12			14-Dec-16	29-Dec-16	0%		19																										
Podium Facade - Terracotta																																			
DS.2022.58	Ordering of Terracotta	10			14-Nov-16	24-Nov-16	0%		-44																										
DS.2022.60	Die Making of Terracotta	45			25-Nov-16	19-Jan-17	0%		-44																										
Podium Facade - Precast Concrete Facade																																			
Podium Facade - Percast Facade Die Making																																			
DS.2022.64	Percast Concrete Mould Making	45			14-Dec-16	10-Feb-17	0%		-12																										
Kinked Glass Wall with T Mullion and reflective Glass at B1,CW-02b																																			
Kinked Glass Wall with T Mullion - Ordering & Production of Material																																			
Kinked Glass Wall with T Mullion - Glass Production & Fabrication																																			
DS.2022.78	Coated Glass Production	48			01-Nov-16	29-Dec-16	0%		-21																										
DS.2022.76	Sealant Ordering (Typical two weeks time, tailor made need th	12			21-Nov-16*	03-Dec-16	0%		10																										
DS.2022.80	Fabrication of Insulated Glass Panel	12			29-Dec-16	13-Jan-17	0%		-21																										
Kinked Glass Wall with T Mullion - Curtain Wall glazed panel production and Fabricatioin																																			
DS.2022.86	Order of Paint	24			01-Nov-16	29-Nov-16	0%		10																										
DS.2022.84	PVF2 Paint Ordering	12			01-Nov-16	15-Nov-16	0%		22																										
DS.2022.82	Die Making	48			21-Nov-16	18-Jan-17	0%		-43																										
DS.2022.90	Fabrication of T Steel Mullions	17			29-Nov-16	17-Dec-16	0%		10																										
DS.2022.93	Painting of Steel Mullion	6			19-Dec-16	27-Dec-16	0%		10																										
Glass Wall with Percast Concrete Mullion,CW-07																																			
Glass Wall with PC Mullion - Ordering & Production of Material																																			
Glass Production & Fabrication																																			
DS.2022.104	Sealant Ordering (Typical two weeks time, tailor made need th	12			07-Dec-16*	22-Dec-16	0%		124																										
DS.2022.106	Coated Glass Production	48			07-Dec-16*	08-Feb-17	0%		76																										
Glass Wall glazed panel production and Fabricatioin																																			
DS.2022.112	Die Making	48			07-Dec-16*	08-Feb-17	0%		71																										
DS.2022.110	PVF2 Paint Ordering	12			07-Dec-16*	22-Dec-16	0%		119																										
Precast Concrete Mullion																																			
DS.2022.120	Production Precast Concrete Moulding	24			07-Dec-16*	07-Jan-17	0%		91																										
L3 Storefront,CW-08																																			
L3 Storefront - Ordering & Production of Material																																			
Glass Production & Fabrication																																			
DS.2022.130	Sealant Ordering (Typical two weeks time, tailor made need th	12			12-Nov-16	26-Nov-16	0%		161																										
DS.2022.132	Coated Glass Production	48			12-Nov-16	11-Jan-17	0%		113																										
Glass Wall glazed panel production and Fabricatioin																																			

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01
DS.2022.138	Die Making	48			12-Nov-16	11-Jan-17	0%		107																		
DS.2022.136	PVF2 Paint Ordering	12			12-Nov-16	26-Nov-16	0%		155																		
G/F Facade - Precast Concrete Tubes , Ceramic Rows Rainscreen Cladding, Ceramic Precast Mull																											
G/F Facade - Ordering & Production of Material																											
DS.2022.152	Sealant Ordering (Typical two weeks time, tailor made need th	12			07-Dec-16*	22-Dec-16	0%		24																		
G/F Facade - Glass Production & Fabrication																											
DS.2022.154	Coated Glass production	48			07-Dec-16	08-Feb-17	0%		-13																		
G/F Facade - Curtain Wall glazed panel production and Fabricatioin																											
DS.2022.158	PVF2 Paint Ordering	12			02-Dec-16	15-Dec-16	0%		34																		
DS.2022.160	Die Making	48			07-Dec-16	08-Feb-17	0%		-18																		
G/F Facade - Terracotta																											
DS.2022.168	Ordering of Terracotta	11			07-Dec-16*	20-Dec-16	0%		-34																		
DS.2022.170	Die Making of Terracotta	49			29-Dec-16	01-Mar-17	0%		-34																		
G/F Facade - Precast Concrete Facade																											
G/F Facade - Precast Facade Die Making																											
DS.2022.171	Percast Concrete Mould Making	50			07-Dec-16*	10-Feb-17	0%		-27																		
Garden Gallery,CE-03a,03c																											
Garden Gallery - Ordering & Production of Material																											
Garden Gallery - Terracotta																											
DS.2022.186	Ordering of Terracotta	11			08-Dec-16	22-Dec-16	0%		38																		
DS.2022.188	Die Making of Terracotta	36			22-Dec-16	08-Feb-17	0%		38																		
Performance Testing Mock Up																											
Tower Precast Facade Panels w/ Precast Concrete , Terracotta, lighting & Curtain Wall																											
Tower Facade - Drawing Submission																											
DS.2026.2	1st Shop Drawing Submission	11			30-Sep-16	15-Oct-16	0%		-15																		
DS.2026.4	1st Shop Drawing Comment	11			15-Oct-16	28-Oct-16	0%		-15																		
DS.2026.6	2nd Shop Drawing Submission	11			28-Oct-16	10-Nov-16	0%		-15																		
DS.2026.8	Approval of Performance Mock Up Drawing	11			10-Nov-16	23-Nov-16	0%		-15																		
Tower Facade - Submission of Testing Proposal																											
DS.2026.10	1st Submission of Testing Proposal	11			23-Nov-16	06-Dec-16	0%		276																		
DS.2026.12	1st comment	6			07-Dec-16	13-Dec-16	0%		276																		
DS.2026.14	2nd Submission of Testing Proposal	6			13-Dec-16	20-Dec-16	0%		276																		
DS.2026.16	Approval of Testing Proposal	6			20-Dec-16	28-Dec-16	0%		276																		
Tower Facade - Ordering & Production of Material																											
DS.2026.18	Sealant Ordering (Typical two weeks time, tailor made need th	12			29-Oct-16	11-Nov-16	0%		66																		
Tower Facade - Glass Production & Fabrication																											
DS.2026.26	Coated Glass Production	48			23-Nov-16	21-Jan-17	0%		-15																		
Tower Facade - Curtain Wall glazed panel production and Fabricatioin																											
DS.2026.22	Die Making	48			29-Oct-16	24-Dec-16	0%		2																		
DS.2026.24	PVF2 Paint Ordering	12			29-Oct-16*	11-Nov-16	0%		50																		
DS.2026.28	Aluminium Extrusion Production	12			27-Dec-16	10-Jan-17	0%		2																		
Tower Facade - Terracotta																											
DS.2026.36	Ordering of Terracotta	11			29-Oct-16	11-Nov-16	0%		-22																		
DS.2026.38	Die Making of Terracotta	24			11-Nov-16	09-Dec-16	0%		-22																		

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017				
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08		
DS.2208.16	Die Making	47			07-Dec-16*	06-Feb-17	0%		50																					
Tower Glazed - Terracotta Production																														
DS.2208.10	Die Making	47			20-Dec-16*	18-Feb-17	0%		29																					
Ceramic Concrete Tubes at G/F (Internal & External),CE-01a,01b,02a																														
Terracotta Production																														
DS.2258.116	Die Making	92			07-Dec-16*	31-Mar-17	0%		19																					
Bulk Production, Assembly & Delivery to Site																														
DS.2208	Terracotta Production & Fabrication	270	01-Dec-16	27-Aug-17	01-Dec-16*	27-Aug-17	0%	0	-34																					
(By Permasteelisa) External Facade for CSF Bldg																														
CSF Glass Wall (South Ele. 6/F-7/F,North Ele.6/F-8/F,South Ele. G/F)																														
CSF Glass Wall Shopdawing Submission & Approval																														
DS.2260.12	1st Shop Drawing Comment	11			14-Oct-16	26-Oct-16	0%		91																					
DS.2260.14	2nd Shop Drawing Submission	5			27-Oct-16	01-Nov-16	0%		91																					
DS.2260.16	2nd Shopdawing comments	11			02-Nov-16	15-Nov-16	0%		91																					
CSF Louvre - FAC-LV-03 (Additional Works)																														
DS.2260.18	1st Shop Drawing Submission	11			30-Sep-16	14-Oct-16	0%		-3																					
DS.2260.20	1st Shop Drawing Comment	11			15-Oct-16	27-Oct-16	0%		89																					
DS.2260.21	2nd Shop Drawing Submission	6			28-Oct-16	03-Nov-16	0%		89																					
DS.2260.22	Shop Drawing Approval	11			04-Nov-16	17-Nov-16	0%		89																					
CSF Embed BD Submission & Approval																														
DS.2260.24	BD Drawing Preparation & 1st BD Submission to Consultants	11			30-Sep-16*	15-Oct-16	0%		20																					
DS.2260.26	BD Drawing submission 1st Comments	11			15-Oct-16	28-Oct-16	0%		20																					
DS.2260.28	BD Drawing Preparation & 2nd BD Submission to Consultants	11			28-Oct-16	10-Nov-16	0%		20																					
DS.2260.30	RSE Submission to BD	3			10-Nov-16	14-Nov-16	0%		20																					
DS.2260.32	BD Submission & Approval	48			14-Nov-16	12-Jan-17	0%		20																					
CSF Glass Wall BD Submission & Approval																														
DS.2260.38	BD Drawing Preparation & 1st BD Submission to Consultants	11			30-Sep-16	15-Oct-16	0%		-3																					
DS.2260.40	BD Drawing submission 1st Comments	11			15-Oct-16	28-Oct-16	0%		-3																					
DS.2260.42	BD Drawing Preparation & 2nd BD Submission to Consultants	11			28-Oct-16	10-Nov-16	0%		-3																					
DS.2260.44	BD Drawing submission 2nd Comments	11			10-Nov-16	23-Nov-16	0%		-3																					
DS.2260.46	BD Drawing Preparation & 3rd BD Submission to Consultants	11			23-Nov-16	06-Dec-16	0%		-3																					
DS.2260.48	RSE Submission to BD	3			07-Dec-16	10-Dec-16	0%		-3																					
DS.2260.50	BD Submission & Approval	48			10-Dec-16	11-Feb-17	0%		-3																					
CSF Glass Wall Performance Testing																														
Drawing Submission																														
DS.2260.58	1st Shop Drawing Submission	11			23-Nov-16	06-Dec-16	0%		86																					
DS.2260.60	1st Shop Drawing Comment	11			07-Dec-16	20-Dec-16	0%		86																					
DS.2260.62	2nd Shop Drawing Submission	11			20-Dec-16	05-Jan-17	0%		86																					
Ordering & Production of Material																														
Glass Production & Fabrication																														
DS.2260.66	Coated Glass Production	48			17-Nov-16*	16-Jan-17	0%		89																					
Curtain Wall glazed panel production and Fabricatioin																														
DS.2260.70	Die Making	48			15-Oct-16*	09-Dec-16	0%		111																					
DS.2260.72	PVF2 Paint Ordering	49			15-Oct-16*	10-Dec-16	0%		127																					

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017										
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08						
DS.2260.74	Aluminium Extrusion Production	17			10-Dec-16	31-Dec-16	0%		111																									Alumin
Bulk Ordering & Production of Material																																		
Curtain Wall glazed panel production and Fabrication																																		
DS.2260.92	Die Making	48			01-Nov-16*	28-Dec-16	0%		140																									Die Makir
DS.2260.94	PVF2 Paint Ordering	49			01-Nov-16	29-Dec-16	0%		156																									PVF2 Pai
DS.2260.96	Aluminium Extrusion Production	17			29-Dec-16	18-Jan-17	0%		140																									
Glass Production & Fabrication																																		
DS.2260.102	Coated Glass Production	48			17-Nov-16*	16-Jan-17	0%		132																									
(Redland) Precast Facade for M+ Podium & CSF Bldg																																		
(Redland) General Submission																																		
(Redland) Project Quality Plan																																		
DS.3240	PQP - 2nd Submission and Approval	12			30-Sep-16	15-Oct-16	0%		16																									PQP - 2nd Submission and Approval
DS.3250	PQP - Approval of Project Quality Plan	0				15-Oct-16	0%		19																									◆ PQP - Approval of Project Quality Plan,
(Redland) Production Method Statement																																		
DS.3290	PMS - 2nd Submission and Approval	12			30-Sep-16	15-Oct-16	0%		16																									PMS - 2nd Submission and Approval
DS.3300	PMS - Approval of Production Method Statement	0				15-Oct-16	0%		19																									◆ PMS - Approval of Production Method Statement,
(Redland) Drawing Submission and Approval																																		
DS.3340	2nd Submission and Approval	12			30-Sep-16	15-Oct-16	0%		16																									2nd Submission and Approval
DS.3350	Approval of Schematic Design Drawings	0				15-Oct-16	0%		19																									◆ Approval of Schematic Design Drawings,
(Redland) BD Submission and Approval																																		
(Redland) BD Submission																																		
DS.3420	BD Comments and review	36			30-Sep-16	12-Nov-16	0%		-8																									BD Comments and review
DS.3410	BD Submission	0			30-Sep-16		0%		-9																									◆ BD Submission, 30-Sep-16
DS.3430	Approval of BD Submission	0				12-Nov-16	0%		-9																									◆ Approval of BD Submission,
(Redland) Fixing Layout for ARUP's Onward Submission to BD																																		
DS.3450	BD Comments and review	36			30-Sep-16	12-Nov-16	0%		-8																									BD Comments and review
DS.3440	BD Submission	0			30-Sep-16		0%		-9																									◆ BD Submission, 30-Sep-16
DS.3460	Approval of BD Submission	0				12-Nov-16	0%		-9																									◆ Approval of BD Submission,
(Redland) Shop Drawings																																		
DS.3500	2nd Submission and Approval	12			14-Nov-16	26-Nov-16	0%		-8																									2nd Submission and Approval
DS.3510	Approval of Shop Drawings	0				26-Nov-16	0%		-9																									◆ Approval of Shop Drawings,
(Redland) Bulk Production, Fabrication and Delivery																																		
DS.3520	Procurements of Materials	90			28-Nov-16	18-Mar-17	0%		-8																									
Structural Steel Trusses																																		
DS.1130	Steel Tuss - Procurement, Fabrication & Delivery	150			29-Jan-16 A	31-Oct-16	75%		-33																									Steel Tuss - Procurement, Fabrication & Delivery, Steel
Design, Shop Dwg, Materials, Method Statement & Welding)																																		
Shop Drawings																																		
DS.1030.41	Shop Drawing submission and approval of Steelwork for Shear I	117			21-Dec-15 A	31-Oct-16	80%		-21																									Shop Drawing submission and approval of Steelwork for
Statutory Approval Status e.g. (BD & MTRC Approval)-1																																		
DS.7060b11	BD issue endorsement to ARUP	14			26-Aug-16 A	31-Oct-16	90%		-34																									BD issue endorsement to ARUP, BD issue endorsement
Materials Procurements																																		
DS.1040	Steel Tuss - Procurement, Fabrication & Delivery	150	14-Feb-16	12-Jul-16	01-Oct-15 A	31-Oct-16	80%	-91	-33																									DS.1040, Steel Tuss - Procurement, Fabrication & Deli
Fabrication & Delivery To Site																																		
DS.1050	Steel Tuss - First Batch Arrival on Site (Contract Requirement -	0	01-Jun-16		30-Sep-16		0%	-121	-39																									Steel Tuss - First Batch Arrival on Site (Contract Requirement - MSC.02 on 31M

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01
Temporary Support System for Trusses - Proprietary & Non Proprietary System																											
DS.1040.68	Fabrication & Delivery of non-proprietary system	50			11-Jun-16 A	21-Oct-16	20%		-44	Fabrication & Delivery of non-proprietary system, Fabrication &																	
Hanger Column																											
DS.1040.85	Fabrication of Hanger Column Suspended from RC	43			14-Oct-16	02-Dec-16	0%		-21	Fabrication of Hanger Column																	
DS.1040.80	Fabrication of Hanger Column Suspended from mega Truss	43			14-Oct-16	02-Dec-16	0%		22	Fabrication of Hanger Column																	
DS.1040.86	Delivery of hanger column	0			03-Dec-16		0%		-24	Delivery of hanger column, 0																	
Composite Column																											
DS.1040.91	Composite Column Fabrication	34			02-Jan-16 A	18-Oct-16	96%		-47	Composite Column Fabrication, Composite Column Fabrication																	
Steel Truss Support Fabrication																											
DS.1090	Steel Truss Support Fabrication for Truss 4 (*C94 & *C96)	21			19-Aug-16 A	31-Oct-16	56%		13	Steel Truss Support Fabrication for Truss 4 (*C94 & *C																	
DS.1056	Steel Truss Support Fabrication for Truss 3 (*C85 & C86)	21			19-Aug-16 A	15-Oct-16	66%		-5	Steel Truss Support Fabrication for Truss 3 (*C85 & C86), Steel Tru																	
Steel Truss Support Delivery to Site																											
DS.1050.10	Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5	0			30-Sep-16 A		100%			Steel Truss Support @ East Core Wall for Trusses # 1, 2 & 5, 30-Sep-16 A, Steel																	
DS.1130.10	Steel Truss Support for Truss # 5 (*C25)	0			12-Oct-16		0%		28	Steel Truss Support for Truss # 5 (*C25), 12-Oct-16																	
DS.1055.10	Steel Truss Support for Truss # 1 & 2(Column 68 & Column 71)	0			25-Oct-16		0%		-50	Steel Truss Support for Truss # 1 & 2(Column 68 & Column																	
DS.1090.10	Steel Truss Support for Truss # 3 (*C85 & C86)	0			22-Nov-16		0%		-6	Steel Truss Support for Truss # 3 (*C8																	
DS.1110.10	Steel Truss Support for Truss # 4 (*C94 & *C96)	0			22-Nov-16		0%		-6	Steel Truss Support for Truss # 4 (*C9																	
Steel Truss Members Fabrication																											
DS.1080	Steel Truss Fabrication for Truss # 3	69			23-Apr-16 A	15-Oct-16	73%		-31	Steel Truss Fabrication for Truss # 3, Steel Truss Fabrication for Tru																	
DS.1070	Steel Truss Fabrication for Truss # 2	69			23-Apr-16 A	14-Oct-16	97%		-26	Steel Truss Fabrication for Truss # 2, Steel Truss Fabrication for Tru																	
DS.1060.1	Steel Truss Fabrication for Truss # 1	69			23-Apr-16 A	14-Oct-16	97%		-53	Steel Truss Fabrication for Truss # 1, Steel Truss Fabrication for Tru																	
DS.1120	Steel Truss Fabrication for Truss # 5	69			23-Apr-16 A	12-Oct-16	92%		-31	Steel Truss Fabrication for Truss # 5, Steel Truss Fabrication for Truss																	
DS.1100	Steel Truss Fabrication for Truss # 4	69			09-May-16 A	18-Oct-16	51%		34	Steel Truss Fabrication for Truss # 4, Steel Truss Fabrication for T																	
Steel Truss Members Delivery to Site																											
DS.1140.10	Steel Truss Members for Truss # 5	0			13-Oct-16		0%		-40	Steel Truss Members for Truss # 5, 13-Oct-16																	
DS.1070.10	Steel Truss Members for Truss # 1	0			15-Oct-16		0%		-65	Steel Truss Members for Truss # 1, 15-Oct-16																	
DS.1080.10	Steel Truss Members for Truss # 2	0			15-Oct-16		0%		-34	Steel Truss Members for Truss # 2, 15-Oct-16																	
DS.1100.10	Steel Truss Members for Truss # 3	0			16-Oct-16		0%		30	Steel Truss Members for Truss # 3, 16-Oct-16																	
DS.1120.10	Steel Truss Members for Truss # 4	0			19-Oct-16		0%		39	Steel Truss Members for Truss # 4, 19-Oct-16																	
Building Services																											
MVAC																											
DS.3070	MVAC - Shop Drawings, Materials & Method Statements Submi	120	01-Dec-15	29-Mar-16	01-Dec-15 A	31-Oct-16	48%	-176	-2	DS.3070, MVAC - Shop Drawings, Materials & Method S																	
DS.3080	MVAC - CA Review & Comments	30	30-Mar-16	28-Apr-16	01-Apr-16 A	05-Nov-16	37%	-156	-2	DS.3080, MVAC - CA Review & Comments, MVAC -																	
DS.3090	MVAC - Incorporate Comments & Resubmit	30	29-Apr-16	28-May-16	15-Apr-16 A	22-Nov-16	20%	-146	-2	DS.3090, MVAC - Incorporate Comme																	
DS.3100	MVAC - CA Review & Approval	30	29-May-16	27-Jun-16	02-May-16 A	08-Dec-16	17%	-136	-2	DS.3100, MVAC - CA Rev																	
DS.3110	MVAC - Procurement and Delivery	180	28-Jun-16	24-Dec-16	01-Sep-16 A	31-Mar-17	5%	-97	-2																		
Electrical and ELV Systems																											
DS.4120	Elect & ELV Systems - Shop Drawings and Materials Submissior	120	01-Dec-15	29-Mar-16	01-Dec-15 A	15-Oct-16	37%	-163	-29	DS.4120, Elect & ELV Systems - Shop Drawings and Materials Subr																	
DS.4130	Elect & ELV Systems - CA Review & Comments	30	30-Mar-16	28-Apr-16	01-Apr-16 A	31-Oct-16	27%	-151	-29	DS.4130, Elect & ELV Systems - CA Review & Commen																	
DS.4140	Elect & ELV Systems - Incorporate Comments & Resubmit	30	29-Apr-16	28-May-16	15-Apr-16 A	16-Nov-16	15%	-141	-29	DS.4140, Elect & ELV Systems - Incorpora																	
DS.4150	Elect & ELV Systems - CA Review & Approval	30	29-May-16	27-Jun-16	16-May-16 A	02-Dec-16	13%	-131	-29	DS.4150, Elect & ELV System																	
DS.4160	Elect & ELV Systems - Procurement and Delivery	150	28-Jun-16	24-Nov-16	03-Dec-16 A	01-May-17	0%	-158	-33																		
Fire Services																											
DS.4010	FS - Shop Drawings and Materials Submission and Approval	120	01-Dec-15	29-Mar-16	01-Dec-15 A	15-Oct-16	90%	-163	-6	DS.4010, FS - Shop Drawings and Materials Submission and Approv																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017				
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08		
DS.4020	FS - CA Review & Comments	30	30-Mar-16	28-Apr-16	15-Apr-16 A	31-Oct-16	85%	-151	-13	DS.4020, FS - CA Review & Comments, FS - CA Review																				
DS.4030	FS - Incorporate Comments & Resubmit	30	29-Apr-16	28-May-16	22-Apr-16 A	07-Nov-16	80%	-133	-13	DS.4030, FS - Incorporate Comments & Resubmit																				
DS.4040	FS - CA Review & Approval	30	29-May-16	27-Jun-16	16-May-16 A	14-Nov-16	75%	-115	-13	DS.4040, FS - CA Review & Approval, FS - C																				
DS.4050	FS - Procurement and Delivery	150	28-Jun-16	13-Jan-17	15-Nov-16 A	13-Apr-17	0%	-90	-15																					
Plumbing and Drainage																														
DS.3010	Plumbing & Drainage - Shop Drawings, Materials & Method Stat	90	31-Dec-15	29-Mar-16	30-Dec-15 A	15-Oct-16	90%	-163	-29	DS.3010, Plumbing & Drainage - Shop Drawings, Materials & Metho																				
DS.3020	Plumbing & Drainage - CA Review & Comments	30	30-Mar-16	28-Apr-16	01-Apr-16 A	31-Oct-16	85%	-151	-29	DS.3020, Plumbing & Drainage - CA Review & Commer																				
DS.3030	Plumbing & Drainage - Incorporate Comments & Resubmit	30	29-Apr-16	28-May-16	14-Apr-16 A	16-Nov-16	80%	-141	-29	DS.3030, Plumbing & Drainage - Incorpora																				
DS.3040	Plumbing & Drainage - CA Review & Approval	30	29-May-16	27-Jun-16	02-May-16 A	02-Dec-16	75%	-131	-29	DS.3040, Plumbing & Drainag																				
DS.3050	Plumbing & Drainage - Procurement and Delivery	150	28-Jun-16	24-Nov-16	03-Dec-16 A	01-May-17	0%	-158	-33																					
Mechanical and Lifting Platform																														
DS.5210	Lifting Platform - Shop Drawings, Materials & Method Statemen	90	01-Dec-15	28-Feb-16	01-Dec-15 A	15-Oct-16	30%	-186	11	DS.5210, Lifting Platform - Shop Drawings, Materials & Method Stat																				
DS.5220	Lifting Platform - CA Review & Comments	30	29-Feb-16	29-Mar-16	15-Apr-16 A	29-Oct-16	20%	-175	11	DS.5220, Lifting Platform - CA Review & Comments, Lifti																				
DS.5230	Lifting Platform - Incorporate Comments & Resubmit	30	30-Mar-16	28-Apr-16	30-Apr-16 A	15-Nov-16	15%	-164	11	DS.5230, Lifting Platform - Incorporate Cor																				
DS.5240	Lifting Platform - CA Review & Approval	30	29-Apr-16	28-May-16	16-May-16 A	01-Dec-16	10%	-154	11	DS.5240, Lifting Platform - CA																				
DS.5250	Lifting Platform - Procurement and Delivery	300	29-May-16	24-Mar-17	02-Dec-16 A	27-Sep-17	0%	-187	13																					
Lifts and Escalator																														
DS.5110	Lift & Escalator - Shop Drawings, Materials & Method Statemen	90	01-Dec-15	28-Feb-16	01-Dec-15 A	15-Oct-16	55%	-186	-33	DS.5110, Lift & Escalator - Shop Drawings, Materials & Method Stat																				
DS.5120	Lift & Escalator - CA Review & Comments	30	29-Feb-16	29-Mar-16	15-Apr-16 A	31-Oct-16	29%	-176	-33	DS.5120, Lift & Escalator - CA Review & Comments, Lift																				
DS.5130	Lift & Escalator - Incorporate Comments & Resubmit	30	30-Mar-16	28-Apr-16	30-Apr-16 A	16-Nov-16	26%	-165	-33	DS.5130, Lift & Escalator - Incorporate Co																				
DS.5140	Lift & Escalator- CA Review & Approval	30	29-Apr-16	28-May-16	16-May-16 A	02-Dec-16	10%	-155	-33	DS.5140, Lift & Escalator- CA																				
DS.5150	Lift & Escalator - Procurement and Delivery	300	29-May-16	24-Mar-17	03-Dec-16 A	28-Sep-17	0%	-188	-38																					
Art Lift (LT-11 & LT-13)																														
DS.5020	Art Lift - Shop Drawings, Materials & Method Statements Subm	90	01-Dec-15	28-Feb-16	01-Dec-15 A	07-Oct-16	50%	-180	5	DS.5020, Art Lift - Shop Drawings, Materials & Method Statements Subm																				
DS.5025	Art Lift - CA Review & Comments	30	29-Feb-16	29-Mar-16	15-Apr-16 A	14-Oct-16	50%	-162	5	DS.5025, Art Lift - CA Review & Comments, Art Lift - CA Review & Co																				
DS.5030	Art Lift - Incorporate Comments & Resubmit	54	30-Mar-16	28-Apr-16	15-Oct-16	16-Dec-16	0%	-191	5	DS.5030, Art Lift -																				
DS.5040	Art Lift - CA Review & Approval	30	29-Apr-16	28-May-16	17-Dec-16	24-Jan-17	0%	-197	5																					
ABWF and Fitout																														
Ceramic Tile																														
DS.6010	Ceramic Tile - Shop Drawings, Materials Sample Submission	90	30-Nov-15	27-Feb-16	30-Nov-15 A	12-Oct-16	90%	-183	39	DS.6010, Ceramic Tile - Shop Drawings, Materials Sample Submission																				
DS.6020	Ceramic Tile - CA Review & Comments	30	28-Feb-16	28-Mar-16	13-Oct-16	16-Nov-16	0%	-191	39	DS.6020, Ceramic Tile - CA Review & Com																				
DS.6030	Ceramic Tile - Incorporate Comments & Resubmit	30	29-Mar-16	27-Apr-16	17-Nov-16	22-Dec-16	0%	-196	39	DS.6030, Cer																				
DS.6040	Ceramic Tile - CA Review & Approval	30	28-Apr-16	27-May-16	23-Dec-16	01-Feb-17	0%	-202	39																					
Soft and Hard Landscaping																														
DS.7010	Landscaping - Shop Drawings, Materials & Method Statements	90	18-Apr-16	16-Jul-16	30-Sep-16	18-Jan-17	0%	-153	58	Landscaping - Award Specialist Subcontractor, Landscaping - Award Specialist S																				
DS.7000	Landscaping - Award Specialist Subcontractor	0	18-Apr-16		30-Sep-16		0%	-165	70																					
Design Detailing / Buildability Co-ordination																														
Spatial Coordination for BIM / CSD / CBWD																														
Basement																														
B00.0010	Preparation and submission for BIM / CSD / CBWD at B1/F (Te	60	01-Oct-15	29-Nov-15	01-Oct-15 A	19-Oct-16	85%	-260	-23	B00.0010, Preparation and submission for BIM / CSD / CBWD at																				
B00.0030	Review, resubmission and approval for BIM / CSD / CBWD at B1	30	30-Nov-15	29-Dec-15	30-Nov-15 A	04-Nov-16	20%	-251	-14	B00.0030, Review, resubmission and approval for B																				
M+ Podium																														
B00.0040	Preparation and submission for BIM / CSD / CBWD at G/F (Tear	60	30-Nov-15	28-Jan-16	30-Nov-15 A	05-Nov-16	70%	-227	-25	B00.0040, Preparation and submission for BIM / CS																				
B00.0080	Preparation and submission for BIM / CSD / CBWD at 1M/F (Te	60	29-Jan-16	28-Mar-16	30-Jul-16 A	31-Oct-16	80%	-177	-25	B00.0080, Preparation and submission for BIM / CSD /																				

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01
B00.0050	Preparation and submission for BIM / CSD / CBWD at 1/F (Tear	60	30-Nov-15	28-Jan-16	15-Aug-16 A	31-Oct-16	20%	-222	-23	B00.0050, Preparation and submission for BIM / CSD /																	
B00.0100	Review, resubmission and approval for BIM / CSD / CBWD at 1/F	30	29-Mar-16	27-Apr-16	15-Aug-16 A	31-Oct-16	20%	-152	24	B00.0100, Review, resubmission and approval for BIM																	
B00.0060	Review, resubmission and approval for BIM / CSD / CBWD at G/F	30	29-Jan-16	27-Feb-16	30-Sep-16	05-Nov-16	0%	-204	-25	B00.0060, Review, resubmission and approval for																	
B00.0090	Preparation and submission for BIM / CSD / CBWD at 2/F (Tear	60	29-Jan-16	28-Mar-16	30-Sep-16	10-Dec-16	0%	-212	-23	B00.0090, Preparation																	
B00.0120	Preparation and submission for BIM / CSD / CBWD at 3/F (Tear	60	29-Mar-16	27-May-16	30-Sep-16	10-Dec-16	0%	-163	-25	B00.0120, Preparation																	
B00.0070	Review, resubmission and approval for BIM / CSD / CBWD at 1/F	30	29-Jan-16	27-Feb-16	20-Oct-16	23-Nov-16	0%	-219	-14	B00.0070, Review, resubmission and																	
B00.0110	Review, resubmission and approval for BIM / CSD / CBWD at 2/F	30	29-Mar-16	27-Apr-16	25-Nov-16	31-Dec-16	0%	-203	-23	B00.0110, Review, resubmission and approval for BIM																	
B00.0130	Review, resubmission and approval for BIM / CSD / CBWD at 3/F	30	28-May-16	26-Jun-16	12-Dec-16	18-Jan-17	0%	-169	-19	B00.0130, Review, resubmission and approval for BIM																	
M+ Tower																											
B6B.0000	Preparation and submission for BIM / CSD / CBWD at 4/F (Tear	45	29-Mar-16	12-May-16	30-Sep-16	23-Nov-16	0%	-160	-2	B6B.0000, Preparation and submission																	
B6B.0030	Preparation and submission for BIM / CSD / CBWD at 5/F (Tear	45	28-May-16	11-Jul-16	30-Sep-16	23-Nov-16	0%	-112	-25	B6B.0030, Preparation and submission																	
B6B.0070	Preparation and submission for BIM / CSD / CBWD at 6/F (Tear	45	12-Jul-16	25-Aug-16	08-Nov-16	31-Dec-16	0%	-105	-25	B6B.0070, Preparation and submission																	
B6B.0020	Preparation and submission for BIM / CSD / CBWD at 10/F (Tear	45	13-May-16	26-Jun-16	08-Nov-16	31-Dec-16	0%	-155	-2	B6B.0020, Preparation and submission																	
B6B.0010	Review, resubmission and approval for BIM / CSD / CBWD at 4/F	20	13-May-16	01-Jun-16	24-Nov-16	16-Dec-16	0%	-164	39	B6B.0010, Review, resubmission and approval for BIM																	
B6B.0060	Review, resubmission and approval for BIM / CSD / CBWD at 5/F	20	12-Jul-16	31-Jul-16	24-Nov-16	16-Dec-16	0%	-116	51	B6B.0060, Review, resubmission and approval for BIM																	
B6B.0110	Preparation and submission for BIM / CSD / CBWD at 7/F (Tear	45	26-Aug-16	09-Oct-16	14-Dec-16	10-Feb-17	0%	-100	-25	B6B.0110, Preparation and submission for BIM / CSD / CBWD																	
B6B.0050	Preparation and submission for BIM / CSD / CBWD at 11/F (Tear	45	27-Jun-16	10-Aug-16	14-Dec-16	10-Feb-17	0%	-149	-2	B6B.0050, Preparation and submission for BIM / CSD / CBWD																	
CSF Block																											
B20.0280	Preparation and submission for BIM / CSD / CBWD at G/F (Tear	45	13-Feb-16	28-Mar-16	15-Aug-16 A	15-Nov-16	10%	-190	14	B20.0280, Preparation and submission for BIM / CSD / CBWD																	
B20.0300	Preparation and submission for BIM / CSD / CBWD at 1-5/F (Tear	60	29-Mar-16	27-May-16	30-Sep-16	10-Dec-16	0%	-163	14	B20.0300, Preparation and submission for BIM / CSD / CBWD																	
B20.0290	Review, resubmission and approval for BIM / CSD / CBWD at G/F	20	29-Mar-16	17-Apr-16	16-Nov-16	08-Dec-16	0%	-194	105	B20.0290, Review, resubmission and approval for BIM																	
B20.0320	Preparation and submission for BIM / CSD / CBWD at 6/F (Tear	45	28-May-16	11-Jul-16	25-Nov-16	19-Jan-17	0%	-158	14	B20.0320, Preparation and submission for BIM / CSD / CBWD																	
B20.0310	Review, resubmission and approval for BIM / CSD / CBWD at 1/F	30	28-May-16	26-Jun-16	12-Dec-16	18-Jan-17	0%	-169	73	B20.0310, Review, resubmission and approval for BIM																	
Interfacing Car Park and Sewage Pumping Station (SPS)																											
D02.0010	Review, resubmission and approval for BIM / CSD / CBWD at IC	15	15-Nov-15	29-Nov-15	16-Jun-16 A	19-Oct-16	50%	-260	-62	D02.0010, Review, resubmission and approval for BIM / CSD / CBWD																	
D01.0010	Review, resubmission and approval for BIM / CSD / CBWD at SF	15	13-Feb-16	27-Feb-16	16-Jun-16 A	15-Oct-16	50%	-186	-44	D01.0010, Review, resubmission and approval for BIM / CSD / CBWD																	
D02.0020	Preparation and submission for BIM / CSD / CBWD at ICP G/F (Tear	45	15-Nov-15	29-Dec-15	30-Sep-16	23-Nov-16	0%	-267	95	D02.0020, Preparation and submission for BIM / CSD / CBWD																	
D02.0030	Review, resubmission and approval for BIM / CSD / CBWD at IC	30	30-Dec-15	28-Jan-16	08-Nov-16	12-Dec-16	0%	-258	95	D02.0030, Review, resubmission and approval for BIM																	
4D Time Management (1st Draft)																											
B00.0160	Facade works	75	14-Jan-16	28-Mar-16	30-Sep-16	30-Dec-16	0%	-227	216	B00.0160, Facade works																	
Visual Mock-Up (VMU)																											
VMU Preliminary																											
A00.3610	VMU Works Period (Contract requirement of 200 calendar days)	169	01-Oct-15	17-Apr-16	01-Oct-15 A	26-Nov-16	80%	-184	73	A00.3610, VMU Works Period (Contract requirement of 200 calendar days)																	
VMU Construction																											
Step 2.0 - Existing Concrete Shell																											
VMU ABWF & Finishes																											
VMU Gallery & B1 Plaza Space																											
VMU Floor																											
A00.3120	Install Raised Flooring	8	15-Jan-16	23-Jan-16	17-May-16 A	03-Oct-16	90%	-203	97	A00.3120, Install Raised Flooring, Install Raised Flooring																	
A00.3130	Install Timber Flanks Flooring	6	07-Mar-16	12-Mar-16	20-Jun-16 A	03-Oct-16	90%	-164	95	A00.3130, Install Timber Flanks Flooring, Install Timber Flanks Flooring																	
VMU Facade Works																											
A00.3690	Erection of Scaffolds for Shell Mock-Up	4	16-Feb-16	19-Feb-16	18-Jul-16 A	30-Sep-16	50%	-182	73	A00.3690, Erection of Scaffolds for Shell Mock-Up, Erection of Scaffolds for Shell Mock-Up																	
A00.3700	Install Facade Mock-Up Panels	7	20-Feb-16	27-Feb-16	30-Sep-16	11-Oct-16	0%	-182	73	A00.3700, Install Facade Mock-Up Panels																	
A00.3815	Install Glazing & Sealant Application	2	29-Feb-16	01-Mar-16	11-Oct-16	13-Oct-16	0%	-182	73	A00.3815, Install Glazing & Sealant Application																	

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18
A00.3825	Install Glazing & Sealant Application	14	02-Mar-16	17-Mar-16	13-Oct-16	29-Oct-16	0%	-182	73																
VMU Step 2.1 - Hybrid Shell Mock-Up																									
VMU ABWF & Finishes																									
A00.3350	Hybrid Mock Up - Install Panel Doors (2-nos)	5	22-Feb-16	26-Feb-16	04-Jun-16 A	03-Oct-16	90%	-177	89																
VMU External Facade																									
A00.3805	Hybrid Mock Up - Inspection and Approval of Visual Mock-up	14	15-Feb-16	01-Mar-16	30-Sep-16	18-Oct-16	0%	-186	83																
VMU MEP Testing and Commissioning																									
A00.3485	VMU - Building Services Testing and Commissioning	6	07-Mar-16	17-Mar-16	01-Sep-16 A	11-Oct-16	50%	-166	89																
VMU Statutory Submission & Inspection																									
VMU WSD (FS Pipeworks)																									
A00.3910	VMU - Inspection and Approval by WSD	1	03-Mar-16	03-Mar-16	30-Sep-16	30-Sep-16	0%	-171	90																
A00.3920	VMU - Tie-In Connection to Existing Dog House	2	04-Mar-16	05-Mar-16	03-Oct-16	04-Oct-16	0%	-171	90																
VMU EMSD (Electrical)																									
A00.3930	VMU - Prepare & Submit Form WR1 to EMSD (For records only)	6	18-Mar-16	24-Mar-16	12-Oct-16	18-Oct-16	0%	-166	95																
VMU FSD (Fire Service)																									
A00.3490	VMU - Form 314 & 501 Submission	0	18-Mar-16		29-Oct-16		0%	-226	89																
A00.3500	VMU - FSD's Inspection & Fire Certificate Issuance	12	18-Mar-16	01-Apr-16	29-Oct-16	12-Nov-16	0%	-184	73																
VMU BD (OP)																									
A00.3510	VMU - Submission of BA14	0	02-Apr-16		12-Nov-16		0%	-225	93																
A00.3520	VMU - BD Inspection	12	02-Apr-16	17-Apr-16	12-Nov-16	26-Nov-16	0%	-184	73																
A00.3530	VMU - M+ OP	0		17-Apr-16		26-Nov-16	0%	-223	93																
Last Date for Exercising Provisional Sum & Optional Items (Refer Annex B to Preamble) (To be revised)																									
Conservation & Storage Facility (CSF)																									
Storage - Fitting-out Works																									
PA1.4	Photo studio (2/F) - x-ray protection enhancement	0		29-Sep-16		30-Sep-16	0%	0	848																
Conseration Laboratory - Furniture and Fixtures																									
PA6.5	Fixed furniture in pantry	0		29-Sep-16		30-Sep-16	0%	0	848																
Conseration Laboratory - Laboratory Equipment																									
PA7.1	Exhaust trucks-overhead mounted fume extraction arms	0		29-Sep-16		30-Sep-16	0%	0	848																
PA7.2	Fume hood cabinet	0		29-Sep-16		30-Sep-16	0%	0	848																
PA7.3	Exhaust wall (size 5m (L) x 3m (H))	0		29-Sep-16		30-Sep-16	0%	0	848																
PA7.5	Wet shower area free standing enclosure	0		29-Sep-16		30-Sep-16	0%	0	848																
PA7.7	Stainless steel laboratory sink	0		29-Sep-16		30-Sep-16	0%	0	848																
Museum																									
Juke Box Installation																									
PE3.2	Equipment system and machinery for "Juke Box" installation	0		29-Sep-16		30-Sep-16	0%	0	848																
Items Related to Museum Operations																									
PE4.6	People counting system - module enhancement to CCTV system	0		29-Sep-16		30-Sep-16	0%	0	848																
Back of House including Museum Workshop and Art Handling																									
Workshop																									
PH4.3	Exhaust wall	0		29-Sep-16		30-Sep-16	0%	0	848																
L1 and B1 Museum Shop including Espresso Bar																									
Fitting-out Works																									
PJ2.2	Architectural lightings	0		29-Sep-16		30-Sep-16	0%	0	848																

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18
PJ2.3	Security shutter	0		29-Sep-16		30-Sep-16	0%	0	848																
Signage																									
PM2	All non-digital way-finding signage	0		29-Sep-16		30-Sep-16	0%	0	848																
PM3	Digital signage at information counters	0		29-Sep-16		30-Sep-16	0%	0	848																
External Works / Hard & Soft Landscape																									
PN2	Elements cooling main - ventilation intake shaft / maintenance	0	26-Sep-15		30-Sep-16		0%	-370	848																
PN4	EMSD compliant design for canopy extension to G/F to L3 cano	0		29-Dec-15		30-Sep-16	0%	-275	848																
MEP-General Issues																									
PO6	Addition of 1 no. 1250TR chiller installation at M+ DCS plantroc	0		24-Oct-16		24-Oct-16	0%	0	823																
Other Provisional Sums / Options for M+ Main Works Contract																									
PP2.2	Interface car park - ELS, Architectural and BS works	0		28-Jan-16		30-Sep-16	0%	-245	706																
PP3.2	Sewage pumping station (SPS) - ELS, foundation, signage, buil	0		28-Jan-16		30-Sep-16	0%	-245	848																
PP4	Sea water pump cell - basic Building Services provisions	0		26-Sep-15		30-Sep-16	0%	-369	848																
PP5	BWIC / basic Building Services provisions for CLP transformer rc	0		26-Sep-15		30-Sep-16	0%	-370	848																
PP6	CA/RSS M+PSO - Complete office accommodation and supportil	0		26-Sep-15		30-Sep-16	0%	-370	848																
PP7	Contractor's proposed of SOM and IPS	0		26-Sep-15		30-Sep-16	0%	-370	848																
Construction Milestones (Internal Reference)																									
CM0150	SPS Structure Topping-Out	0		26-Aug-16		30-Nov-16	0%	-96	-100																
Excavation & ELS																									
BD Milestones & BD Stages LOE																									
Portion M01																									
B10.3390	BD Stage 4 - Construct B2 slab for A5, B5 & Site formation for /	0	19-Mar-16	29-Nov-16	14-Jul-16 A	30-Nov-16	50%	-1	19																
B10.3420	BD Stage 7 - Construct B2 slab for A9, A10, A11, A12, B7, B8,	25	03-Jun-16	24-Oct-16	22-Sep-16 A	05-Nov-16	0%	-11	5																
AEL North																									
Portion A6, A7, A10, A11																									
Portion A11																									
B10.2250	AEL North - ELS Stage 5 Portion A11- Trim Piles & Blinding	5			12-Sep-16 A	30-Sep-16 A	100%																		
Portion A8, B6, A12, B7																									
B10.3580	AEL North - ELS Stage 5 Site Formation (Portion A12, B7)	30	25-Oct-16	29-Nov-16	15-Aug-16 A	30-Nov-16	10%	-1	19																
Portion A12																									
B10.3930	AEL North - ELS Stage 5 Site Formation (Portion A12) - Trim &	5			15-Sep-16 A	30-Sep-16 A	100%																		
AEL South																									
DCS																									
B10.2220	DCS - Remove 1st Layer Struts at +4.2mPD	11	20-Jun-16	05-Jul-16	30-Sep-16	18-Oct-16	0%	-67	436																
B10.2230	DCS - Backfilling and Install Access Hatch and Misc. Works	50	08-Jul-16	20-Sep-16	20-Oct-16	17-Dec-16	0%	-67	436																
AEL South except DCS																									
B10.1090	AEL South - Plant Room - Excavate to +2.45mPD for Plant Roo	16	20-Apr-16	12-May-16	30-Sep-16	25-Oct-16	0%	-107	111																
AEL North East of Portion A10 (for Area M12 h/o)																									
C10.0390	Vacate Portion M12 for Lyric Contractor for Foundations (App.D	0		23-Sep-16		30-Sep-16	0%	-6	57																
ICP																									
B10.3240	ICP - Lateral Support	50	10-May-16	26-Jul-16	30-May-16	08-Nov-16	15%	-70	-65																
B10.3220	ICP - Pile Cap Construction of Area A	25	10-May-16	17-Jun-16	16-Jul-16 A	31-Oct-16	70%	-88	-65																
B10.3230	ICP - Pile Cap Construction of Area B	25	18-Jun-16	26-Jul-16	27-Aug-16 A	31-Oct-16	10%	-63	-58																

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016		January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18
B10.3250	ICP - Complete Excavation & Lateral Support	0		26-Jul-16		08-Nov-16	0%	-105	-98																
Structures																									
Basement Structures / Sub-Structure																									
Pilecaps																									
AEL North																									
Stage 3 - Pilecap (A4,A5,B4,B5)																									
Pilecap (A4 & A5)																									
B10.2060p	AEL North - ELS Stage 4 - Extend 1st height of basement wall	10			28-Jul-16 A	15-Oct-16	30%		-35																
Pilecap (B4 & B5)																									
B10.2070m	AEL North - ELS Stage 4 - Extend 1st height of basement wall	12			08-Aug-16 A	25-Oct-16	10%		-37																
Stage 4 to 7: ELS & Excavation (A6, A7, A8, A9, A10, A11, A12 & B6, B7, B8, B9)																									
Pilecaps - Portion (A10a, A10b, A11 & A12)																									
B10.3590	AEL North - BD Stage 6 - Pile Cap Construction (Portion A10, A	24	28-Jun-16	13-Aug-16	01-Jul-16 A	08-Oct-16	30%	-36	5																
Pile Cap Portion A10a																									
B10.3790	AEL North - BD Stage 6 - Pile Construction (Portion A10a)	5			20-Aug-16 A	07-Oct-16	70%		5																
Pile Cap Portion A11																									
B10.3710	AEL North - BD Stage 6 - Pile Cap Construction (Portion A11)	6			30-Sep-16	11-Oct-16	0%		7																
B10.3720	AEL North - BD Stage 6 - Underground Drainage (Portion A11)	6			30-Sep-16	11-Oct-16	0%		610																
Pile Cap Portion A12																									
B10.3730	AEL North - BD Stage 6 - Pile Cap Construction (Portion A12)	6			30-Sep-16	11-Oct-16	0%		7																
B10.3740	AEL North - BD Stage 6 - Underground Drainage (Portion A12)	6			30-Sep-16	11-Oct-16	0%		610																
Pilecaps - Portion B6 & B7																									
B10.3610	AEL North - BD Stage 4 - Pile Cap Construction (Portion A8, B6)	30	06-Aug-16	19-Sep-16	08-Sep-16 A	22-Sep-16 A	100%	-1																	
B10.3620	AEL North - BD Stage 5 - Underground Drainage (Portion B6)	12	08-Aug-16	23-Aug-16	12-Sep-16 A	20-Sep-16 A	100%	-17																	
B10.3630	AEL North - BD Stage 6 - Pile Cap Construction (Portion B7)	9	06-Aug-16	10-Sep-16	11-Oct-16	22-Oct-16	0%	-26	5																
B10.3640	AEL North - BD Stage 6 - Underground Drainage (Portion B7)	9	06-Aug-16	16-Aug-16	11-Oct-16	22-Oct-16	0%	-43	11																
RC Structure for Water Tank																									
B10.3355	AEL North - Construct Water Tank Part 2 (West of Portion B1)	35	16-Aug-16	08-Oct-16	30-Sep-16	17-Nov-16	0%	-30	581																
B2/F Slabs																									
B2 Slab - Portion (B8 & A9)																									
B10.3530	AEL North - B2 Slab - Stage 7 (Portion B8)	9			19-Sep-16 A	26-Sep-16 A	100%																		
B10.3490	AEL North - B2 Slab - Stage 7 (Portion A9)	11	06-Jun-16	15-Aug-16	27-Sep-16 A	11-Oct-16	0%	-36	-35																
B2 Slab - Portion (B9)																									
B10.3500	AEL North - B2 Slab - Stage 7 (Portion B9)	9	03-Jun-16	15-Jul-16	22-Sep-16 A	11-Oct-16	0%	-56	-30																
B2 Slab - Portion (A10a, A10b, A11 & A12)																									
B10.3035	AEL North - B2 Slab - Stage 7 (Portion A10b)	10			07-Oct-16	22-Oct-16*	0%		5																
B10.3045	AEL North - B2 Slab - Stage 7 (Portion A10a)	10			07-Oct-16	22-Oct-16	0%		28																
B10.3005	AEL North - B2 Slab - Stage 7 (Portion A10, A11, A12)	10	18-Jul-16	15-Sep-16	07-Oct-16	22-Oct-16	0%	-23	28																
B10.3075	AEL North - B2 Slab - Stage 7 (Portion A11)	6			13-Oct-16	21-Oct-16*	0%		7																
B10.3085	AEL North - B2 Slab - Stage 7 (Portion A12)	6			13-Oct-16	21-Oct-16*	0%		7																
B2 Slab - Portion (B6 & B7)																									
B10.3022	AEL North - B2 Slab - Stage 5 (Portion B6)	7	10-Sep-16	08-Oct-16	30-Sep-16	13-Oct-16	0%	-2	2																
B10.3023	AEL North - B2 Slab - Stage 7 (Portion B7)	11	17-Sep-16	24-Oct-16	24-Oct-16	05-Nov-16	0%	-10	5																

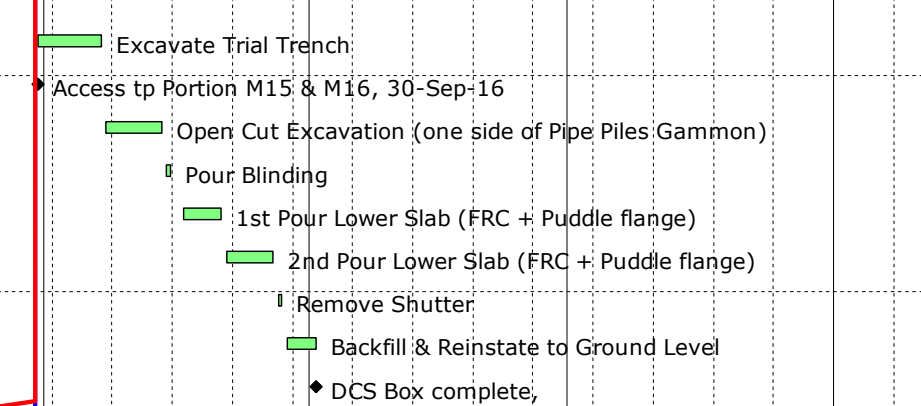
Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01
B10.3024	Complete B2 Slab (exclude AEL Zone)	0		24-Oct-16		05-Nov-16	0%	-10	5																		
B1/F Slab - Walls, Columns & B1/F Slabs																											
AEL North - B1/F Slab other than AEL Zone																											
B10.3540	AEL North - Wall, Column & B1 Slab (Portion B1F)	20	31-May-16	30-Jun-16	01-Jul-16 A	07-Oct-16	80%	-63	-33																		
B10.3065	AEL North - Wall, Column & B1 Slab (Portion B1D)	19	11-Apr-16	03-May-16	12-Sep-16 A	04-Oct-16	84%	-99	-10																		
B10.3690	AEL North - Wall, Column & B1 Slab (Portion B1R)	20	18-Jul-16	15-Aug-16	07-Oct-16	03-Nov-16	0%	-53	-30																		
B10.3560	AEL North - Wall, Column & B1 Slab (Portion B1G) (Portion A6,	14	17-Sep-16	08-Oct-16	08-Oct-16	28-Oct-16	0%	-13	-33																		
B10.3550	AEL North - Wall, Column & B1 Slab (Portion B1J) (Portion B6)	10	11-Oct-16	24-Oct-16	14-Oct-16	27-Oct-16	0%	-2	2																		
B10.3680	AEL North - Wall, Column & B1 Slab (Portion B1L) (Access Ram	26	09-Nov-16	08-Dec-16	21-Nov-16	20-Dec-16	0%	-10	44																		
AEL North - B1/F Slab for Truss T1, T2 & T5 Erection																											
C10.0120	AEL North - Construct Found Space Basement Wall and Cols to	15	02-Sep-16	23-Sep-16	30-Sep-16	24-Oct-16	0%	-19	569																		
AEL North - B1/F Slab for CSF & RDE (North of GL 1)																											
B10.3150	AEL North - Wall, Column & B1 Slab (Portion B1H) (Portion A10	45	11-Oct-16	05-Dec-16	29-Oct-16	20-Dec-16	0%	-13	-33																		
B10.3170	AEL North - Wall, Column & B1 Slab (Portion B1K) (Portion A12	12	25-Oct-16	08-Nov-16	07-Nov-16	19-Nov-16	0%	-10	5																		
B10.3260	Complete Wall, Column & B1 Slab (exclude AEL Zone & East of	0		05-Dec-16		20-Dec-16	0%	-15	-25																		
C10.0385	AEL North - External Wall & B1 Slab GL 1'-7'/J' within M12 (Del	16	29-Dec-16	17-Jan-17	22-Dec-16	11-Jan-17	0%	5	-21																		
AEL South - B1/F Slab for DCS to facilitate Truss Erection																											
B10.2115	AEL South (DCS) - Remove 2nd Layer Struts at 0.0mPD of DCS	8	29-Apr-16	12-May-16	30-Sep-16	14-Oct-16	0%	-99	-15																		
AEL South - RC Structures Prior to Area M14 H/O																											
B10.1040	AEL South - Construct Core Wall on PC96 from 1/F to 1M/F Lev	5	01-Apr-16	20-May-16	25-Sep-16 A	18-Oct-16	0%	-97	-37																		
B10.3310	AEL South - Construct Basement Road Wall between PC 109 &	17	29-Apr-16	24-May-16	30-Sep-16	27-Oct-16	0%	-100	137																		
B10.3290	AEL South - Construct Basement Road Wall between PC 96 & P	17	21-Apr-16	14-Jun-16	30-Sep-16	27-Oct-16	0%	-87	137																		
B10.3300	AEL South - Construct External Wall between PC 96 & PC105 to	25	21-Apr-16	28-May-16	28-Oct-16	25-Nov-16	0%	-122	137																		
B10.3315	AEL South - Construct Walls, Column & Staircases to G/F Level	27	29-Apr-16	13-Jun-16	05-Nov-16	06-Dec-16	0%	-122	137																		
B10.3320	AEL South - Construct G/F slab between PC 105, 109 & 116	16	03-Jun-16	27-Jun-16	30-Nov-16	17-Dec-16	0%	-122	137																		
Podium Super-Structures																											
Trusses																											
AEL Tunnel Zone -Trusses 1																											
C10.0150	AEL Tunnel Zone - Erection of Temp Working Platform and Fals	50	25-Jun-16	24-Aug-16	12-Jul-16 A	18-Nov-16	30%	-71	-68																		
C10.0145	AEL Tunnel Zone - Construct RC Column for Steel Trusses T1	21	08-Jun-16	20-Jul-16	22-Aug-16 A	01-Nov-16	40%	-86	-68																		
C10.0155	AEL Tunnel Zone - Truss 1 Construction Summary	117	25-Aug-16	27-Jan-17	19-Nov-16	12-Apr-17	0%	-60	-66																		
C10.0160	AEL Tunnel Zone - Truss 1 Concreting of 1st pour of bottom ch	12	25-Aug-16	10-Sep-16	19-Nov-16	02-Dec-16	0%	-68	-68																		
C10.0185	AEL Tunnel Zone - Truss 1 install bottom steel plates	24	12-Sep-16	20-Oct-16	03-Dec-16	03-Jan-17	0%	-61	-66																		
AEL Tunnel Zone -Trusses 2																											
C10.0162	AEL Tunnel Zone - Erection of Temp Working Platform and Fals	50	13-Jul-16	09-Sep-16	12-Jul-16 A	18-Nov-16	20%	-57	-56																		
C10.0161	AEL Tunnel Zone - Construct RC Column for Steel Trusses T2	22			22-Aug-16 A	03-Nov-16	20%		-53																		
C10.0170	AEL Tunnel Zone - Truss 2 Concreting of 1st pour of bottom ch	12	09-Sep-16	26-Sep-16	26-Nov-16	09-Dec-16	0%	-62	-68																		
C10.0165	AEL Tunnel Zone - Truss 2 Construction Summary	125	09-Sep-16	21-Feb-17	26-Nov-16	04-May-17	0%	-56	-68																		
C10.0198	AEL Tunnel Zone - Truss 2 install bottom steel plates	24	27-Sep-16	02-Nov-16	10-Dec-16	10-Jan-17	0%	-56	-68																		
AEL Tunnel Zone -Trusses 5																											
C10.0172	AEL Tunnel Zone - Erection of Temp Working Platform and Fals	50	13-Jul-16	09-Sep-16	12-Jul-16 A	05-Nov-16	40%	-46	-63																		
C10.0168	AEL Tunnel Zone - Construct Composite Columns for Truss T5	26			23-Jul-16 A	22-Oct-16	40%		-63																		
C10.0180	AEL Tunnel Zone - Truss 5 Concreting of 1st pour of bottom ch	12	19-Sep-16	07-Oct-16	07-Nov-16	19-Nov-16	0%	-36	-63																		
C10.0175	AEL Tunnel Zone - Truss 5 Construction Summary	105	19-Sep-16	04-Feb-17	07-Nov-16	15-Mar-17	0%	-33	-48																		

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017		
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08
C10.0215	AEL Tunnel Zone - Truss 5 install bottom steel plates	24	08-Oct-16	09-Nov-16	21-Nov-16	17-Dec-16	0%	-33	-48																			
C10.0220	AEL Tunnel Zone - Truss 5 install temp. platform, top nodes & i	24	10-Nov-16	07-Dec-16	19-Dec-16	18-Jan-17	0%	-33	-48																			
AEL South - Trusses 3																												
B6A.1999	AEL Tunnel Zone - Construct Composite/RC Columns for Truss	20			08-Aug-16 A	11-Nov-16	20%		-42																			
B6A.2000	AEL South - Erection of Temp Working Platform and Falsework	27	20-Jul-16	15-Sep-16	31-Oct-16*	30-Nov-16	0%	-62	-42																			
B6A.2030	AEL South - Truss 3 Concreting of 1st pour of bottom chord (75	12	17-Sep-16	04-Oct-16	30-Dec-16	13-Jan-17	0%	-83	-42																			
B6A.2020	AEL South - Truss 3 Construction Summary	135	17-Sep-16	21-Mar-17	30-Dec-16	16-Jun-17	0%	-69	-42																			
AEL South - Trusses 4																												
B6A.2024	AEL Tunnel Zone - Construct Composite Columns for Truss T4	21			08-Aug-16 A	25-Nov-16	30%		-32																			
B6A.2025	AEL South - Erection of Temp Working Platform and Falsework	30	02-Aug-16	29-Sep-16	31-Oct-16	03-Dec-16	0%	-54	-34																			
B6A.2040	AEL South - Truss 4 Concreting of 1st pour of bottom chord (75	12	30-Sep-16	20-Oct-16	30-Dec-16	13-Jan-17	0%	-70	-42																			
B6A.2035	AEL South - Truss 4 Construction Summary	105	30-Sep-16	14-Feb-17	30-Dec-16	12-May-17	0%	-69	-42																			
G/F Slabs - Walls, Columns & G/F Slab																												
AEL North																												
B20.0000	Podium G/F Portion GF1A - Wall, Column & G/F slab (GL 8-10/.	18	16-Aug-16	10-Sep-16	04-Nov-16	24-Nov-16	0%	-61	-37																			
B20.0015	Podium G/F Portion GF1 - Wall, Column & G/F slab (GL 4-7/A-I	23	19-Sep-16	24-Oct-16	17-Nov-16	13-Dec-16	0%	-43	-38																			
B20.0005	Podium G/F Portion GF1 Tower Footprint - Wall, Column & Stru	14	12-Sep-16	03-Oct-16	18-Nov-16	03-Dec-16	0%	-52	-37																			
B20.0050	Podium G/F Portion GF2 - Wall, Column & G/F slab (GL 1-4/A-I	23	25-Oct-16	21-Nov-16	14-Dec-16	12-Jan-17	0%	-42	-38																			
1/F Slabs - Walls, Columns & 1/F Slab																												
AEL North																												
B20.0425	Podium 1/F Tower Footprint (Block A) - Core Wall, Column & 1/	18	04-Oct-16	31-Oct-16	05-Dec-16	27-Dec-16	0%	-47	-37																			
1M/F Slabs - Walls, Columns & 1M/F Structure																												
M+ Tower FootPrint																												
B20.0010	Podium 1M/F Tower Footprint (Block A) - Core Walls, Column &	18	01-Nov-16	21-Nov-16	28-Dec-16	18-Jan-17	0%	-47	-37																			
SPS Structures (include Excavation)																												
D01.3010	SPS - Construct Basement Structure	100	27-Apr-16	26-Aug-16	25-Jul-16 A	30-Nov-16	12%	-79	-83																			
ICP Structures (include Excavation)																												
A3980	ICP - ELS works (Provisional)	110	22-Feb-16	26-Jul-16	20-May-16 A	08-Nov-16	30%	-70	-65																			
A4490	ICP - Structure works	244	28-Jul-16	24-Jun-17	25-Jul-16 A	03-Oct-17	12%	-65	-65																			
Building Services																												
M+ Basement Building Service																												
B2/F MEP																												
First Fix																												
B40.8985	Early Access for Building Services (1st Fix)	0	05-Oct-16		27-Nov-16		0%	-53	177																			
B40.8990	B2/F - Building Services - Zone A - 1st Fix	60	05-Oct-16	14-Dec-16	28-Nov-16	11-Feb-17	0%	-45	139																			
B40.8995	B2/F - Building Services - 1st Fix - Summary	261	05-Oct-16	24-Jul-17	28-Nov-16	16-Oct-17	0%	-70	-51																			
B40.9030	B2/F - Building Services - Zone C - 1st Fix	40	06-Dec-16	24-Jan-17	17-Dec-16	08-Feb-17	0%	-10	128																			
SPS MEP																												
D01.3020	SPS - Installation of Sewage/Drainage Pipes and Manholes	70	27-Aug-16	19-Nov-16	01-Dec-16	27-Feb-17	0%	-79	-83																			
ABWF																												
M+ Basement ABWF																												
B2/F ABWF																												
B30.0006	B2/F Zone A - Builder's Work	42	15-Aug-16	04-Oct-16	08-Oct-16	26-Nov-16	0%	-45	106																			

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017	
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01
B30.0004	Early Access date for Builders Works at B2/F M+ Basement	0	15-Aug-16		08-Oct-16		0%	-54	132																		
B30.0020	B2/F Zone C - Builder's Work	42	11-Oct-16	28-Nov-16	29-Oct-16	16-Dec-16	0%	-16	73																		
B30.0040	B2/F Zone E - Builder's Work	42	27-Sep-16	16-Nov-16	21-Nov-16	11-Jan-17	0%	-45	89																		
B30.0050	B2/F Zone F - Builder's Work	42	09-Nov-16	29-Dec-16	21-Nov-16	11-Jan-17	0%	-10	77																		
B30.0010	B2/F Zone B - Builder's Work	42	28-Nov-16	18-Jan-17	30-Nov-16	20-Jan-17	0%	-2	81																		
External Works																											
M+ External Works																											
Utilities																											
Drainage																											
EW1045	Construct M+ manholes S1.1, S3.2, S3.3, S3.4 (terminal)	91	10-Dec-15	09-Mar-16	30-Sep-16	25-Jan-17	0%	-231	463																		
EW1010	Construct the DN375 and DN600 storm drains within the At-gr.	75	10-Dec-15	14-Mar-16	30-Sep-16	06-Jan-17	0%	-211	32																		
Storm Drain DN600 at Portion M45																											
Storm Drain along Gridline D'-E' / 1'-2'																											
EW1700	Fence off work area for DN600 storm drain excavation	1			30-Sep-16	30-Sep-16	0%		244																		
EW1695	PIW handover of WHC6_1c for M+ connection	0			30-Sep-16*		0%		-92																		
EW1705	Excavate trial trench for existing Underground Utilities	14			30-Sep-16	22-Oct-16	0%		244																		
EW1708	Intall support to exisiting Underground Utilities	7			24-Oct-16	01-Nov-16	0%		244																		
EW1710	Excavate trench for DN600 and install shoring	10			02-Nov-16	12-Nov-16	0%		244																		
EW1730	Lay down DN600 pipe between WHC6_1c & MHS3.4	7			14-Nov-16	21-Nov-16	0%		244																		
EW1740	Backfill and reinstate pavement	2			22-Nov-16	23-Nov-16*	0%		244																		
Storm Drain along Gridline E'-G' / 1'-2'																											
EW1765	Complete B2 Slab, Columns & Walls at A6 & A7	0			06-Nov-16*		0%		360																		
EW1755	Excavate Trial trench for exisitng Underground Utilities	14			24-Nov-16	09-Dec-16	0%		244																		
EW1758	Install support to existing Underground Utilities	7			10-Dec-16	17-Dec-16	0%		244																		
EW1760	Excavate trench for DN600 at gridline E'-G' / 1' and install shor	10			19-Dec-16	31-Dec-16	0%		244																		
Storm Drain DN375 at Portion M45																											
Storm Drain along Gridline A-K' / 5'																											
EW6110	Fence off Work area for DN375 storm drain excavation	1			30-Sep-16	30-Sep-16	0%		303																		
EW1640	PIW handover of WHC6_1e for M+ connection	0				30-Sep-16*	0%		-59																		
EW1615	Excavate Trial Trench for existing Underground Utilities	14			30-Sep-16	22-Oct-16	0%		303																		
EW1618	Install support to exisiting underground Utilities	14			24-Oct-16	09-Nov-16	0%		303																		
EW6120	Excavate trench for DN375 and install shoring	15			10-Nov-16	26-Nov-16	0%		303																		
EW6140	Lay down DN375 pipe between WHC6_1e	12			28-Nov-16	10-Dec-16	0%		303																		
EW6150	Backfill and reinstate pavement	4			12-Dec-16	15-Dec-16*	0%		303																		
Storm Drain DN150 at Portion M45																											
Storm Drain along Gridline A / 5' - 6'																											
EW1900	PIW handover of WHC6_1f for M+ connection	0				30-Sep-16*	0%		-50																		
EW1910	Fence off work area for DN150 storm drain excavation	1			30-Sep-16	30-Sep-16	0%		321																		
EW1915	Excavate Trial Trench fo exisiting Underground Utilities	14			03-Oct-16	24-Oct-16	0%		321																		
EW1930	Install support to exisiting Underground Utilities	8			25-Oct-16	03-Nov-16	0%		321																		
EW1920	Excavate trench for DN150 and install shoring	6			04-Nov-16	10-Nov-16	0%		321																		
EW1940	Lay down DN150 and connect to WHC6_1f	9			11-Nov-16	21-Nov-16	0%		321																		
EW1950	Backfill and reinstate pavement	3			22-Nov-16	24-Nov-16*	0%		321																		

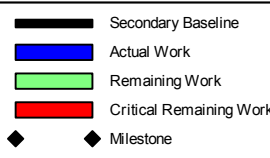
Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016					November 2016				December 2016				January 2017		
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	
EW1035	Take Possession date of M45 (M45 IS Appendix D1, 31 July 16)	0			30-Sep-16*		0%		-61																				
WSD																													
Water Main Works at Portion M45																													
EW1147	Watermain (FH-CH250) interface : M+Planned date (1 Jun16)	0			30-Sep-16*		0%		-121																				
EW1150	PIW Contractor Handover Portion M45 to HCC (IS Appendix D1,	0			30-Sep-16*		0%		-61																				
EW1160	Remove existing hoarding fixed to Sheet pile	14			30-Sep-16	22-Oct-16	0%		34																				
EW1170	Install a new hoarding with 500mm clearance from roadside	7			24-Oct-16	01-Nov-16	0%		34																				
EW1180	Excavate Trench to expose watermains by PIW & install shoring	7			02-Nov-16	09-Nov-16	0%		34																				
EW1190	Cut down sheet piles for water pipe connections	7			10-Nov-16	17-Nov-16	0%		34																				
EW1510	Construct Incoming Water Mains (1- DN100 salt water)	21			18-Nov-16	12-Dec-16*	0%		34																				
EW1500	Construct Incoming Water Mains (2- DN150 Fresh Water)	21			18-Nov-16	12-Dec-16*	0%		34																				
Water Main Works at Portion M01																													
EW6090	Construct the incoming water mains (two DN150 fresh water, &	90			13-Dec-16	03-Apr-17	0%		34																				
Telecom																													
EW1080	Lay Telecom FTNS duct and complete pits connection	72	27-Jun-16	18-Oct-16	22-Oct-16	18-Jan-17	0%	-74	248																				
CLP																													
EW1090	Excavate trench in footway for the 11kV direct buried cables	12	02-Jun-16	18-Jun-16	30-Sep-16	20-Oct-16	0%	-79	477																				
EW1100	Lay 11kV power cable by CLP (by others)	25	20-Jun-16	28-Jul-16	21-Oct-16	19-Nov-16	0%	-79	477																				
EW1110	Backfilling footway to adjacent ground level	6	29-Jul-16	06-Aug-16	21-Nov-16	26-Nov-16	0%	-79	477																				
EW1120	Allow Access for PIW Contractor to carry out works for 132kV ca	0	07-Aug-16		27-Nov-16		0%	-112	664																				
EW1130	Lay 132kV cable by CLP (by others)	25	08-Aug-16	12-Sep-16	28-Nov-16	28-Dec-16	0%	-79	477																				
EW1140	Backfilling footway to adjacent ground level	6	13-Sep-16	22-Sep-16	29-Dec-16	05-Jan-17	0%	-79	477																				
Entrance Portal Area																													
EW2000	Entrance Portal Area - Dewatering Complete	0		08-Nov-16		19-Nov-16	0%	-11	26																				
EW2010	Entrance Portal Area - Excavation	20	09-Nov-16	01-Dec-16	21-Nov-16	13-Dec-16	0%	-10	22																				
EW2020	Entrance Portal Area - Construct Entrance Portal Area to B1 Str	30	17-Nov-16	22-Dec-16	29-Nov-16	05-Jan-17	0%	-10	22																				
Sea Water Drainage Pipe																													
EW3000	Take Possession of M15,M16, M38 & M39	0	02-Sep-16		30-Sep-16		0%	-28	538																				
EW3010	Install Seawater Discharge Pipes in Portions M15, M16, M38 &	120	02-Sep-16	09-Feb-17	30-Sep-16	03-Mar-17	0%	-19	398																				
EW3040	Install Seawater Discharge Pipes in Portions M41 & M42	130	03-Oct-16	16-Mar-17	30-Sep-16	15-Mar-17	0%	1	438																				
EW3030	Take Possession of Site Portion M41 & M42	0	03-Oct-16		30-Sep-16		0%	3	593																				
Sea Water Drainage Pipe																													
Seawater Intake and Outfall Pipeworks																													
EW8960	Take Possession of M38 & M39 (Appendix D2. 31Aug16)	0			30-Sep-16*		0%		-30																				
EW8980	Take Possession of Site Portion M41 & M42 (Appendix D2, 10Oct	0			01-Oct-16*		0%		0																				
Seawater outfall pipeworks underground section Ch0 - 108 (starting from Ch108)																													
EW3080	Trial Pits and trenches for exposing Underground Utilities	40			30-Sep-16	23-Nov-16	0%		158																				
EW3090	Detailed design for trench lateral support and underground utili	14			15-Oct-16	02-Nov-16	0%		158																				
EW3100	Driving of sheet piles	32			03-Nov-16	09-Dec-16	0%		158																				
EW3110	Pre-boring for overcoming underground obstructions	20			09-Nov-16	02-Dec-16	0%		159																				
EW3120	Excavation for installing 1st layer of walings and struts	10			03-Dec-16	15-Dec-16	0%		158																				
EW3130	Installing 1st layer of walings and struts	18			10-Dec-16	03-Jan-17	0%		158																				
EW3140	Hanging and supporting of existing underground KGO and othe	9			16-Dec-16	29-Dec-16	0%		161																				
Ch105 to 108, for future connections by Lyric (trench fromation -3.6mPD)																													

Activity ID	Activity Name	Ori. Dur.	BaseLine Start	BaseLine Finish	Forecast / Actual Start	Forecast / Actual Finish	% Compl.	Finish Variance	Current Float	September 2016				October 2016				November 2016				December 2016				January 2017												
										04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08										
EW3200	Excavation for installing 2nd layer of walings and struts	5			16-Dec-16	23-Dec-16	0%		158																													
EW3210	Installing 2nd layer of walings and struts	7			23-Dec-16	03-Jan-17	0%		158																													
CH5 to 40 (trench formation +0.9mPD), Ch40 to 105 (trench formation+1.8mPD),																																						
EW3280	Excavation to bottom of trench	14			16-Dec-16	05-Jan-17	0%		178																													
DCS Box																																						
EW9010	Excavate Trial Trench	4			30-Sep-16	07-Oct-16	0%		288																													
EW9000	Access tp Portion M15 & M16	0			30-Sep-16		0%		402																													
EW9020	Open Cut Excavation (one side of Pipe Piles Gammon)	4			08-Oct-16	14-Oct-16	0%		288																													
EW9030	Pour Blinding	1			15-Oct-16	15-Oct-16	0%		288																													
EW9170	1st Pour Lower Slab (FRC + Puddle flange)	4			17-Oct-16	21-Oct-16	0%		288																													
EW9180	2nd Pour Lower Slab (FRC + Puddle flange)	4			22-Oct-16	27-Oct-16	0%		288																													
EW9190	Remove Shutter	1			28-Oct-16	28-Oct-16	0%		288																													
EW9200	Backfill & Reinstate to Ground Level	3			29-Oct-16	01-Nov-16	0%		288																													
EW9210	DCS Box complete	0				01-Nov-16	0%		393																													
Intaking Chiller Mains																																						
B10.1100	Intake Chiller Mains - Install Grout Curtain along Sheet Piles	42	22-Sep-16	18-Nov-16	19-Dec-16	11-Feb-17	0%	-67	436																													
Statutory Inspections & Occupation Permit (OP)																																						
M+ Museum - Statutory Inspection & Approval																																						
M+ Museum - WSD (FS Pipeworks) Inspection & Approval																																						
SH4200	FS - Submit Form WW046 (Part 1 & 2) and Approval by WSD (S	90	02-Feb-16	01-May-16	30-Sep-16*	18-Jan-17	0%	-214	77																													
M+ Museum - WSD (Plumbing) Inspection & Approval																																						
SH4260	Plumbing - Submit Form WW046 (Part 1 & 2) to WSD (Subject	90	02-Feb-16	01-May-16	30-Sep-16*	18-Jan-17	0%	-214	77																													
Summary Programme																																						
M+																																						
Foundation & Basement																																						
SM1010	Excavation & ELS Works	310	02-Nov-15	07-Mar-17	02-Nov-15 A	07-Feb-17	66%	24	13																													
SM1020	Pilecaps & U/G Drainage Construction	110	09-Nov-15	30-Aug-16	04-Jan-16 A	22-Oct-16	86%	-43	12																													
SM1030	B2/F to B1/F Structure	321	17-Dec-15	24-Jun-17	25-Jan-16 A	28-Apr-17	48%	47	-52																													
SM1040	B1/F to LG/F Structure	92	19-Mar-16	18-Feb-17	15-Mar-16 A	11-Jan-17	7%	30	-21																													
SM1110	Basement ABWF Works	366	15-Aug-16	27-Dec-17	08-Oct-16	03-Jan-18	0%	-5	-3																													
Podium																																						
SM1060	G/F Slab & RC Structure to 3/F	317	16-Aug-16	11-Nov-17	04-Nov-16	28-Nov-17	0%	-14	16																													
SM1050	Trusses Construction	138	25-Aug-16	21-Feb-17	19-Nov-16	12-May-17	0%	-63	-42																													
SPS																																						
SM1470	SPS RC Structure	100	27-Apr-16	26-Aug-16	25-Jul-16 A	30-Nov-16	1%	-79	-83																													
SM1480	SPS Building Services Works	140	27-Aug-16	16-Feb-17	01-Dec-16	26-May-17	0%	-79	-83																													
ICP																																						
SM1415	ICP ELS and Excavation	137	22-Feb-16	26-Jul-16	20-May-16 A	08-Nov-16	32%	-87	-81																													
SM1420	ICP RC Structure	244	28-Jul-16	24-Jun-17	25-Jul-16 A	03-Oct-17	5%	-83	-83																													
External Works																																						
SM1400	M+ External Works	314	10-Dec-15	10-Nov-17	30-Sep-16	21-Oct-17	0%	16	235																													



Lyric Theatre Complex

Activity ID	Activity Name	Durn. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
F2 Foundation Works for Lyric Theatre Complex																																	
Summary for Major Works																																	
Pre-bored H-Pile																																	
Pre-bored H-Pile Construction																																	
LT.0087	Trial Pile and Obtain BD's Acknowledgement	18	22-Feb-16	12-Mar-16	08-Mar-16 A	09-Mar-16 A	100%	4																									
LT.0088	Predrilling, Excluding Portions L02 and L03; 56 nos.	71	20-Feb-16	20-May-16	01-Mar-16 A	13-Jul-16 A	100%	-43																									
LT.0089	Pre-bored H-Pile Construction; Rig 1, 127 nos	243	01-Apr-16	21-Jan-17	17-Mar-16 A	08-Feb-17	47%	-12	5																								
LT.2225	Pre-bored H-Pile Construction; Rig 2, 109 nos	255	01-Apr-16	08-Feb-17	30-Mar-16 A	14-Feb-17	44%	-5	0																								
LT.2226	Pre-bored H-Pile Construction; Rig 3, 25 nos	25	01-Apr-16	30-Apr-16	30-Apr-16 A	06-Jul-16 A	100%	-52																									
Contract Administrator's Instruction No. 8																																	
LT.3010	Predrilling in Portions L02 and L03; 14 nos.	30	14-Oct-16	17-Nov-16	08-Aug-16 A	01-Sep-16 A	100%	64																									
LT.3015	Pre-bored H-Pile Construction; Rig 1, 31 nos	65	14-Feb-17	06-May-17	15-Feb-17	08-May-17	0%	-1	0																								
LT.3020	Pre-bored H-Pile Construction; Rig 2, 32 nos	67	14-Feb-17	09-May-17	14-Feb-17	09-May-17	0%	0	0																								
BA14 and Testing																																	
LT.0094	Submission of BA14	6	06-Jun-17	12-Jun-17	06-Jun-17	12-Jun-17	0%	0	1																								
LT.0095	CA's Selection of Proof Drilling Locations	14	09-May-17	23-May-17	09-May-17	23-May-17	0%	0	1																								
LT.0096	Proof Drilling	14	23-May-17	06-Jun-17	23-May-17	06-Jun-17	0%	0	1																								
LT.0097	BD's Selection of Test Piles	28	12-Jun-17	10-Jul-17	12-Jun-17	10-Jul-17	0%	0	1																								
LT.0098	Load Testing and Submit Reports	32	10-Jul-17	11-Aug-17	10-Jul-17	11-Aug-17	0%	0	1																								
LT.0099	BD's Acknowledgement	45	11-Aug-17	25-Sep-17	11-Aug-17	25-Sep-17	0%	0	18																								
Bored Pile																																	
Bored Pile Construction																																	
LT.0102	Predrilling, Excluding Portions L02 and L03; 145 nos.	125	20-Feb-16	25-Jul-16	02-Mar-16 A	02-Sep-16 A	100%	-33																									
LT.0103	Bored Pile Construction; RCD Rig 1, 25 nos.	244	07-Apr-16	27-Jan-17	12-Mar-16 A	28-Dec-16	61%	25	0																								
LT.1895	Bored Pile Construction; RCD Rig 2, 27 nos.	268	18-Mar-16	13-Feb-17	17-Mar-16 A	27-Feb-17	45%	-12	84																								
LT.1905	Bored Pile Construction; RCD Rig 3, 27 nos.	243	14-Apr-16	06-Feb-17	21-Mar-16 A	26-Jan-17	52%	6	108																								
LT.1915	Bored Pile Construction; RCD Rig 4, 18 nos.	245	29-Mar-16	20-Jan-17	23-Mar-16 A	14-Dec-16	58%	29	0																								
LT.1925	Bored Pile Construction; RCD Rig 5, 22 nos.	200	28-Apr-16	24-Dec-16	26-Apr-16 A	12-Jan-17	46%	-13	120																								
LT.1935	Bored Pile Construction; RCD Rig 6, 13 nos.	175	12-Jul-16	10-Feb-17	13-Jul-16 A	14-Feb-17	12%	-3	95																								
LT.1945	Bored Pile Construction; RCD Rig 7, 13 nos.	146	14-Jul-16	06-Jan-17	22-Jul-16 A	30-Dec-16	28%	5	10																								
LT.2215	Sonic Logging and Interface Coring Test; Excluding Portions L02 and L03	145	10-Sep-16	08-Mar-17	15-Sep-16	13-Mar-17	0%	-4	84																								
LT.3260	Completion of Bored Pile Construction in Area 6	0				30-Dec-16	0%		13																								
Contract Administrator's Instruction No. 8																																	
LT.2891	Predrilling in Portions L02 and L03; 11 nos.	24	13-Sep-16	13-Oct-16	03-Aug-16 A	24-Aug-16 A	100%	41																									
LT.2895	Bored Pile Construction; RCD Rig 4, 4 nos.	51	10-Dec-16	14-Feb-17	10-Dec-16	14-Feb-17	0%	0	0																								
LT.2905	Bored Pile Construction; RCD Rig 1, 3 nos.	43	20-Dec-16	14-Feb-17	20-Dec-16	14-Feb-17	0%	0	0																								
LT.2915	Bored Pile Construction; RCD Rig 4, 2 nos.	30	06-May-17	10-Jun-17	09-May-17	13-Jun-17	0%	-2	0																								
LT.2925	Bored Pile Construction; RCD Rig 1, 2 nos.	29	09-May-17	12-Jun-17	10-May-17	13-Jun-17	0%	-1	0																								
LT.2935	Sonic Logging and Interface Coring Test; Portions L02 and L03	12	13-Jun-17	26-Jun-17	14-Jun-17	27-Jun-17	0%	-1	0																								
BA14 and Testing																																	
LT.0108	Submission of BA14	3	27-Jun-17	29-Jun-17	28-Jun-17	30-Jun-17	0%	-1	0																								
LT.0109	BD's Selection of Test Piles	28	30-Jun-17	27-Jul-17	01-Jul-17	28-Jul-17	0%	-1	0																								
LT.0110	Concrete Coring Test and Submit Reports	13	27-Jul-17	11-Aug-17	28-Jul-17	12-Aug-17	0%	-1	0																								
LT.0111	BD's Acknowledgement	45	12-Aug-17	25-Sep-17	13-Aug-17	26-Sep-17	0%	-1	17																								
BA14 and Testing at Area 6 if Option is Exercised																																	
LT.0113	Submission of BA14	3	03-Feb-17	07-Feb-17	20-Jan-17	24-Jan-17	0%	9	32																								
LT.0114	BD's Selection of Test Piles	28	07-Feb-17	07-Mar-17	24-Jan-17	21-Feb-17	0%	14	41																								
LT.0115	Concrete Coring Test and Submit Reports	15	07-Mar-17	24-Mar-17	21-Feb-17	10-Mar-17	0%	12	35																								
LT.3110	BD's Acknowledgement	45	24-Mar-17	08-May-17	10-Mar-17	24-Apr-17	0%	14	110																								
Excavation and Lateral Support																																	
Pipe Pile in Areas 1 to 5																																	
LT.0120	Pre-grouting Works at Seawall Area; Portions M15, M16, L01 and L16	40	05-Mar-16	26-Apr-16	05-Mar-16 A	08-Apr-16 A	100%	16																									
LT.0121	Pre-grouting Works at Portions L05, L07, M14b and M12	101	23-Apr-16	23-Aug-16	18-Apr-16 A	26-Jul-16 A	100%	25																									



WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"



Date	Revision	Checked	Approved
02-Sep-16	For Information	R.L.	A.W.

Activity ID	Activity Name	Durn. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
LT.0122	Pipe Pile and Grout Curtain; Portions L04, L05, L14, L24, M14 and M14b (PP 443 nos and CPP 3 nos.)	215	21-May-16	08-Feb-17	12-Mar-16 A	11-Jan-17	56%	21	140																								
LT.3030	Clutched Pipe Pile and Grout Curtain; Portions M14a, L16 and L01 (CPP 82 nos.)	89	25-Jun-16	12-Oct-16	07-Jul-16 A	12-Oct-16	55%	-1	90																								
Sheet Pile in Area 6																																	
LT.0124	Sheet Piles Installation in Portion L06; 1,472m2	32	21-Jun-16	28-Jul-16	07-Jun-16 A	25-Jul-16 A	100%	4																									
LT.2945	Sheet Piles Installation in Portions L07 and M12; 1,640m2	35	29-Jul-16	07-Sep-16	04-Jul-16 A	15-Sep-16	70%	-7	8																								
LT.2950	Instrument Installation for Instrumental Sheet Pile	15	28-May-16	15-Jun-16	21-May-16 A	31-May-16 A	100%	13																									
LT.2955	Drive Instrumental Sheet Pile and Report Submission	10	08-Jun-16	20-Jun-16	01-Jun-16 A	16-Jun-16 A	100%	4																									
Contract Administrator's Instruction No. 8																																	
LT.3050	Pre-grouting Works adjacent Seawall Portion L03	21	17-Sep-16	13-Oct-16	16-Aug-16 A	15-Sep-16	50%	21	110																								
LT.3060	Pipe Pile and Grout Curtain; Portion L02 (PP 21nos.)	20	13-Sep-16	07-Oct-16	20-Oct-16	11-Nov-16	0%	-29	189																								
LT.3070	Clutched Pipe Pile and Grout Curtain; Portion L03 (CPP 104 nos. and PP 4 nos)	125	14-Oct-16	15-Mar-17	13-Oct-16	14-Mar-17	0%	1	90																								
BA14																																	
LT.0126	Submission of BA14 for Stage 1 ELS Sheet Piling Works at Area 6	2	08-Sep-16	09-Sep-16	17-Sep-16	19-Sep-16	0%	-7	8																								
LT.0127	BD's Acknowledgement	14	09-Sep-16	23-Sep-16	19-Sep-16	03-Oct-16	0%	-10	9																								
LT.0128	Submission of BA14 for Stage 1 ELS Piling Works at Area 1 to 5	2	16-Mar-17	17-Mar-17	15-Mar-17	16-Mar-17	0%	1	90																								
LT.0129	BD's Acknowledgement	14	17-Mar-17	31-Mar-17	16-Mar-17	30-Mar-17	0%	1	115																								
Pumping Test																																	
LT.0131	Install Area 1 to Area 5 Pumping Test Instrumentation & Wells (16 PW + 32 OW) and Submission of Initial Readin	22	13-Jun-17	08-Jul-17	14-Jun-17	10-Jul-17	0%	-1	11																								
LT.0132	Carry Out Pumping Test in Area 1 to Area 5 and Submission to BD	20	09-Jul-17	28-Jul-17	11-Jul-17	30-Jul-17	0%	-2	13																								
LT.0133	Obtain BD's Acknowledgement of Area 1 to 5 Pumping Test Results	45	29-Jul-17	11-Sep-17	31-Jul-17	13-Sep-17	0%	-2	30																								
LT.0134	Install Area 6 Pumping Test Instrumentation & Wells (3 PW + 6 OW) and Submission of Initial Readings	21	07-Dec-16	04-Jan-17	01-Dec-16	28-Dec-16	0%	5	12																								
LT.0135	Carry Out Pumping Test in Area 6 and submission to BD	16	11-Jan-17	26-Jan-17	31-Dec-16	15-Jan-17	0%	10	13																								
LT.0136	Obtain BD's Acknowledgement of Area 6 Pumping Test Results	45	26-Jan-17	12-Mar-17	16-Jan-17	01-Mar-17	0%	10	13																								
Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0138	Bulk Excavation and Installation of Struts	102	25-Apr-17	26-Aug-17	22-Apr-17	24-Aug-17	0%	1	2																								
LT.0139	Trim Pile Head and Clearance	27	26-Aug-17	27-Sep-17	24-Aug-17	25-Sep-17	0%	1	14																								
LT.3075	Submission of BA8 and BA10 for Bulk Excavation Works	35	14-Mar-17	18-Apr-17	04-Mar-17	07-Apr-17	0%	10	13																								
LT.3080	Installation of Temporary Platform	22	18-Apr-17	16-May-17	07-Apr-17	09-May-17	0%	5	8																								
BA14 for Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0141	Submission of BA14 for Stage 2 ELS and Excavation Works at Area 6	2	26-Aug-17	29-Aug-17	24-Aug-17	26-Aug-17	0%	1	2																								
LT.0142	BD's Acknowledgement	45	28-Aug-17	12-Oct-17	27-Aug-17	10-Oct-17	0%	1	3																								

- Secondary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

**WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"**



Date	Revision	Checked	Approved
02-Sep-16	For Information	R.L.	A.W.

Activity ID	Activity Name	Durn. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
F2 Foundation Works for Lyric Theatre Complex																																	
Summary for Major Works																																	
Pre-bored H-Pile																																	
Pre-bored H-Pile Construction																																	
LT.0087	Trial Pile and Obtain BD's Acknowledgement	18	22-Feb-16	12-Mar-16	08-Mar-16 A	09-Mar-16 A	100%	4																									
LT.0088	Predrilling, Excluding Portions L02 and L03; 56 nos.	71	20-Feb-16	20-May-16	01-Mar-16 A	13-Jul-16 A	100%	-43																									
LT.0089	Pre-bored H-Pile Construction; Rig 1, 122 nos	243	01-Apr-16	21-Jan-17	17-Mar-16 A	09-Feb-17	55%	-13	4																								
LT.2225	Pre-bored H-Pile Construction; Rig 2, 103 nos	255	01-Apr-16	08-Feb-17	30-Mar-16 A	10-Feb-17	57%	-2	4																								
LT.2226	Pre-bored H-Pile Construction; Rig 3, 25 nos	25	01-Apr-16	30-Apr-16	30-Apr-16 A	05-Jul-16 A	100%	-51																									
LT.3315	Pre-bored H-Pile Construction; Rig 3, 5 nos	10			23-Sep-16 A	12-Oct-16	40%		168																								
LT.3340	Pre-bored H-Pile Construction; Rig 4, 6 nos	10			23-Sep-16 A	15-Oct-16	22%		165																								
Contract Administrator's Instruction No. 8																																	
LT.3010	Predrilling in Portions L02 and L03; 14 nos.	30	14-Oct-16	17-Nov-16	08-Aug-16 A	01-Sep-16 A	100%	64																									
LT.3015	Pre-bored H-Pile Construction; Rig 1, 31 nos	65	14-Feb-17	06-May-17	10-Feb-17	02-May-17	0%	3	4																								
LT.3020	Pre-bored H-Pile Construction; Rig 2, 32 nos	67	14-Feb-17	09-May-17	10-Feb-17	05-May-17	0%	3	4																								
BA14 and Testing																																	
LT.0094	Submission of BA14	6	06-Jun-17	12-Jun-17	03-Jun-17	08-Jun-17	0%	4	5																								
LT.0095	CA's Selection of Proof Drilling Locations	14	09-May-17	23-May-17	06-May-17	19-May-17	0%	4	5																								
LT.0096	Proof Drilling	14	23-May-17	06-Jun-17	20-May-17	02-Jun-17	0%	4	5																								
LT.0097	BD's Selection of Test Piles	28	12-Jun-17	10-Jul-17	09-Jun-17	06-Jul-17	0%	4	5																								
LT.0098	Load Testing and Submit Reports	32	10-Jul-17	11-Aug-17	06-Jul-17	07-Aug-17	0%	4	5																								
LT.0099	BD's Acknowledgement	45	11-Aug-17	25-Sep-17	08-Aug-17	21-Sep-17	0%	4	22																								
Bored Pile																																	
Bored Pile Construction																																	
LT.0102	Predrilling, Excluding Portions L02 and L03; 145 nos.	125	20-Feb-16	25-Jul-16	02-Mar-16 A	02-Sep-16 A	100%	-33																									
LT.0103	Bored Pile Construction; RCD Rig 1, 26 nos.	244	07-Apr-16	27-Jan-17	12-Mar-16 A	01-Feb-17	68%	-1	77																								
LT.1895	Bored Pile Construction; RCD Rig 2, 27 nos.	268	18-Mar-16	13-Feb-17	17-Mar-16 A	27-Feb-17	54%	-12	84																								
LT.1905	Bored Pile Construction; RCD Rig 3, 26 nos.	243	14-Apr-16	06-Feb-17	21-Mar-16 A	11-Feb-17	57%	-5	97																								
LT.1915	Bored Pile Construction; RCD Rig 4, 19 nos.	245	29-Mar-16	20-Jan-17	23-Mar-16 A	16-Jan-17	60%	4	5																								
LT.1925	Bored Pile Construction; RCD Rig 5, 22 nos.	200	28-Apr-16	24-Dec-16	26-Apr-16 A	21-Jan-17	54%	-21	112																								
LT.1935	Bored Pile Construction; RCD Rig 6, 12 nos.	175	12-Jul-16	10-Feb-17	13-Jul-16 A	22-Feb-17	19%	-10	88																								
LT.1945	Bored Pile Construction; RCD Rig 7, 13 nos.	146	14-Jul-16	06-Jan-17	22-Jul-16 A	17-Jan-17	36%	-9	-4																								
LT.2215	Sonic Logging and Interface Coring Test; Excluding Portions L02 and L03	145	10-Sep-16	08-Mar-17	03-Oct-16	28-Mar-17	0%	-17	71																								
LT.3260	Completion of Bored Pile Construction in Area 6	0				17-Jan-17	0%	-5																									
Contract Administrator's Instruction No. 8																																	
LT.2891	Predrilling in Portions L02 and L03; 11 nos.	24	13-Sep-16	13-Oct-16	03-Aug-16 A	24-Aug-16 A	100%	41																									
LT.2895	Bored Pile Construction; RCD Rig 4, 4 nos.	51	10-Dec-16	14-Feb-17	24-Aug-16 A	09-Feb-17	55%	4	5																								
LT.2905	Bored Pile Construction; RCD Rig 1, 3 nos.	43	20-Dec-16	14-Feb-17	27-Aug-16 A	07-Oct-16	96%	104	104																								
LT.2915	Bored Pile Construction; RCD Rig 4, 2 nos.	30	06-May-17	10-Jun-17	04-May-17	08-Jun-17	0%	2	4																								
LT.2925	Bored Pile Construction; RCD Rig 1, 2 nos.	29	09-May-17	12-Jun-17	05-May-17	08-Jun-17	0%	3	4																								
LT.2935	Sonic Logging and Interface Coring Test; Portions L02 and L03	12	13-Jun-17	26-Jun-17	09-Jun-17	22-Jun-17	0%	3	4																								
BA14 and Testing																																	
LT.0108	Submission of BA14	3	27-Jun-17	29-Jun-17	23-Jun-17	26-Jun-17	0%	3	4																								
LT.0109	BD's Selection of Test Piles	28	30-Jun-17	27-Jul-17	27-Jun-17	24-Jul-17	0%	3	4																								
LT.0110	Concrete Coring Test and Submit Reports	13	27-Jul-17	11-Aug-17	24-Jul-17	08-Aug-17	0%	3	4																								
LT.0111	BD's Acknowledgement	45	12-Aug-17	25-Sep-17	08-Aug-17	22-Sep-17	0%	3	21																								
BA14 and Testing at Area 6 if Option is Exercised																																	
LT.0113	Submission of BA14	3	03-Feb-17	07-Feb-17	09-Feb-17	13-Feb-17	0%	-5	18																								
LT.0114	BD's Selection of Test Piles	28	07-Feb-17	07-Mar-17	13-Feb-17	13-Mar-17	0%	-7	21																								
LT.0115	Concrete Coring Test and Submit Reports	15	07-Mar-17	24-Mar-17	13-Mar-17	30-Mar-17	0%	-5	18																								
LT.3110	BD's Acknowledgement	45	24-Mar-17	08-May-17	30-Mar-17	14-May-17	0%	-7	90																								

- Secondary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

**WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"**



Date	Revision	Checked	Approved
30-Sep-16	For Information	R.L.	A.W.

Activity ID	Activity Name	Durn. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Excavation and Lateral Support																																	
Pipe Pile in Areas 1 to 5																																	
LT.0120	Pre-grouting Works at Seawall Area; Portions M15, M16, L01 and L16	40	05-Mar-16	26-Apr-16	05-Mar-16 A	08-Apr-16 A	100%	16																									
LT.0121	Pre-grouting Works at Portions L05, L07, M14b and M12	101	23-Apr-16	23-Aug-16	18-Apr-16 A	26-Jul-16 A	100%	25																									
LT.0122	Pipe Pile and Grout Curtain; Portions L04, L05, L14, L24, M14 and M14b (PP 443 nos and CPP 3 nos)	215	21-May-16	08-Feb-17	12-Mar-16 A	17-Jan-17	66%	16	135																								
LT.3030	Clutched Pipe Pile and Grout Curtain; Portions M14a, L16 and L01 (CPP 82 nos.)	89	25-Jun-16	12-Oct-16	07-Jul-16 A	08-Oct-16	98%	1	92																								
Sheet Pile in Area 6																																	
LT.0124	Sheet Piles Installation in Portion L06; 1,472m2	32	21-Jun-16	28-Jul-16	07-Jun-16 A	25-Jul-16 A	100%	4																									
LT.2945	Sheet Piles Installation in Portions L07 and M12; 1,640m2	35	29-Jul-16	07-Sep-16	04-Jul-16 A	27-Sep-16 A	100%	-16																									
LT.2950	Instrument Installation for Instrumental Sheet Pile	15	28-May-16	15-Jun-16	21-May-16 A	31-May-16 A	100%	13																									
LT.2955	Drive Instrumental Sheet Pile and Report Submission	10	08-Jun-16	20-Jun-16	01-Jun-16 A	16-Jun-16 A	100%	4																									
Contract Administrator's Instruction No. 8																																	
LT.3050	Pre-grouting Works adjacent Seawall Portion L03	21	17-Sep-16	13-Oct-16	16-Aug-16 A	12-Oct-16	72%	1	90																								
LT.3060	Pipe Pile and Grout Curtain; Portion L02 (PP 21nos.)	20	13-Sep-16	07-Oct-16	21-Oct-16	12-Nov-16	0%	-30	188																								
LT.3070	Clutched Pipe Pile and Grout Curtain; Portion L03 (CPP 104 nos. and PP 4 nos)	125	14-Oct-16	15-Mar-17	13-Oct-16	14-Mar-17	0%	1	90																								
BA14																																	
LT.0126	Submission of BA14 for Stage 1 ELS Sheet Piling Works at Area 6	2	08-Sep-16	09-Sep-16	03-Oct-16	04-Oct-16	0%	-19	6																								
LT.0127	BD's Acknowledgement	14	09-Sep-16	23-Sep-16	04-Oct-16	18-Oct-16	0%	-25	86																								
LT.0128	Submission of BA14 for Stage 1 ELS Piling Works at Area 1 to 5	2	16-Mar-17	17-Mar-17	15-Mar-17	16-Mar-17	0%	1	90																								
LT.0129	BD's Acknowledgement	14	17-Mar-17	31-Mar-17	16-Mar-17	30-Mar-17	0%	1	115																								
Pumping Test																																	
LT.0131	Install Area 1 to Area 5 Pumping Test Instrumentation & Wells (16 PW + 32 OW) and Submission of li	22	13-Jun-17	08-Jul-17	09-Jun-17	05-Jul-17	0%	3	15																								
LT.0132	Carry Out Pumping Test in Area 1 to Area 5 and Submission to BD	20	09-Jul-17	28-Jul-17	06-Jul-17	25-Jul-17	0%	3	18																								
LT.0133	Obtain BD's Acknowledgement of Area 1 to 5 Pumping Test Results	45	29-Jul-17	11-Sep-17	26-Jul-17	08-Sep-17	0%	3	35																								
LT.0134	Install Area 6 Pumping Test Instrumentation & Wells (3 PW + 6 OW) and Submission of Initial Reading	21	07-Dec-16	04-Jan-17	17-Dec-16	14-Jan-17	0%	-9	-2																								
LT.0135	Carry Out Pumping Test in Area 6 and submission to BD	16	11-Jan-17	26-Jan-17	17-Jan-17	02-Feb-17	0%	-8	-5																								
LT.0136	Obtain BD's Acknowledgement of Area 6 Pumping Test Results	45	26-Jan-17	12-Mar-17	02-Feb-17	19-Mar-17	0%	-8	-5																								
Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0138	Bulk Excavation and Installation of Struts	102	25-Apr-17	26-Aug-17	02-May-17	31-Aug-17	0%	-5	-4																								
LT.0139	Trim Pile Head and Clearance	27	26-Aug-17	27-Sep-17	01-Sep-17	03-Oct-17	0%	-5	8																								
LT.3075	Submission of BA8 and BA10 for Bulk Excavation Works	35	14-Mar-17	18-Apr-17	21-Mar-17	25-Apr-17	0%	-8	-5																								
LT.3080	Installation of Temporary Platform	22	18-Apr-17	16-May-17	26-Apr-17	23-May-17	0%	-7	-4																								
BA14 for Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0141	Submission of BA14 for Stage 2 ELS and Excavation Works at Area 6	2	26-Aug-17	29-Aug-17	01-Sep-17	02-Sep-17	0%	-5	-4																								
LT.0142	BD's Acknowledgement	45	28-Aug-17	12-Oct-17	03-Sep-17	17-Oct-17	0%	-6	-4																								

- Secondary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"



Date	Revision	Checked	Approved
30-Sep-16	For Information	R.L.	A.W.

Activity ID	Activity Name	Durn. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
F2 Foundation Works for Lyric Theatre Complex																																	
Summary for Major Works																																	
Pre-bored H-Pile																																	
Pre-bored H-Pile Construction																																	
LT.0087	Trial Pile and Obtain BD's Acknowledgement	18	22-Feb-16	12-Mar-16	08-Mar-16 A	09-Mar-16 A	100%	4																									
LT.0088	Predrilling, Excluding Portions L02 and L03; 56 nos.	71	20-Feb-16	20-May-16	01-Mar-16 A	13-Jul-16 A	100%	-43																									
LT.0089	Pre-bored H-Pile Construction; Rig 1, 121 nos	243	01-Apr-16	21-Jan-17	17-Mar-16 A	10-Feb-17	62%	-14	5																								
LT.2225	Pre-bored H-Pile Construction; Rig 2, 101 nos	255	01-Apr-16	08-Feb-17	30-Mar-16 A	13-Feb-17	67%	-4	1																								
LT.2226	Pre-bored H-Pile Construction; Rig 3, 25 nos	25	01-Apr-16	30-Apr-16	30-Apr-16 A	05-Jul-16 A	100%	-51																									
LT.3315	Pre-bored H-Pile Construction; Rig 3, 8 nos	24			23-Sep-16 A	22-Oct-16 A	100%																										
LT.3340	Pre-bored H-Pile Construction; Rig 4, 6 nos	13			27-Sep-16 A	14-Oct-16 A	100%																										
Contract Administrator's Instruction No. 8																																	
LT.3010	Predrilling in Portions L02 and L03; 14 nos.	30	14-Oct-16	17-Nov-16	08-Aug-16 A	01-Sep-16 A	100%	64																									
LT.3015	Pre-bored H-Pile Construction; Rig 1, 31 nos	65	14-Feb-17	06-May-17	11-Feb-17	04-May-17	0%	2	5																								
LT.3020	Pre-bored H-Pile Construction; Rig 2, 32 nos	67	14-Feb-17	09-May-17	14-Feb-17	09-May-17	0%	0	1																								
BA14 and Testing																																	
LT.0094	Submission of BA14	6	06-Jun-17	12-Jun-17	06-Jun-17	12-Jun-17	0%	0	1																								
LT.0095	CA's Selection of Proof Drilling Locations	14	09-May-17	23-May-17	09-May-17	23-May-17	0%	0	1																								
LT.0096	Proof Drilling	14	23-May-17	06-Jun-17	23-May-17	06-Jun-17	0%	0	1																								
LT.0097	BD's Selection of Test Piles	28	12-Jun-17	10-Jul-17	12-Jun-17	10-Jul-17	0%	0	1																								
LT.0098	Load Testing and Submit Reports	32	10-Jul-17	11-Aug-17	10-Jul-17	11-Aug-17	0%	0	1																								
LT.0099	BD's Acknowledgement	45	11-Aug-17	25-Sep-17	11-Aug-17	25-Sep-17	0%	0	18																								
Bored Pile																																	
Bored Pile Construction																																	
LT.0102	Predrilling, Excluding Portions L02 and L03; 145 nos.	125	20-Feb-16	25-Jul-16	02-Mar-16 A	02-Sep-16 A	100%	-33																									
LT.0103	Bored Pile Construction; RCD Rig 1, 29 nos.	244	07-Apr-16	27-Jan-17	12-Mar-16 A	02-Mar-17	70%	-26	66																								
LT.1895	Bored Pile Construction; RCD Rig 2, 26 nos.	268	18-Mar-16	13-Feb-17	17-Mar-16 A	07-Mar-17	61%	-19	65																								
LT.1905	Bored Pile Construction; RCD Rig 3, 23 nos.	243	14-Apr-16	06-Feb-17	21-Mar-16 A	10-Feb-17	65%	-4	86																								
LT.1915	Bored Pile Construction; RCD Rig 4, 22 nos.	245	29-Mar-16	20-Jan-17	23-Mar-16 A	10-Mar-17	62%	-39	62																								
LT.1925	Bored Pile Construction; RCD Rig 5, 22 nos.	200	28-Apr-16	24-Dec-16	26-Apr-16 A	21-Jan-17	64%	-21	100																								
LT.1935	Bored Pile Construction; RCD Rig 6, 10 nos.	175	12-Jul-16	10-Feb-17	13-Jul-16 A	21-Feb-17	30%	-9	77																								
LT.1945	Bored Pile Construction; RCD Rig 7, 13 nos.	146	14-Jul-16	06-Jan-17	22-Jul-16 A	17-Jan-17	51%	-9	-4																								
LT.2215	Sonic Logging and Interface Coring Test; Excluding Portions L02 and L03	145	10-Sep-16	08-Mar-17	06-Oct-16 A	18-Apr-17	6%	-31	45																								
LT.3260	Completion of Bored Pile Construction in Area 6	0				17-Jan-17	0%	-4																									
Contract Administrator's Instruction No. 8																																	
LT.2891	Predrilling in Portions L02 and L03; 11 nos.	24	13-Sep-16	13-Oct-16	03-Aug-16 A	24-Aug-16 A	100%	41																									
LT.2895	Bored Pile Construction; RCD Rig 4, 4 nos.	51	10-Dec-16	14-Feb-17	24-Aug-16 A	01-Nov-16	97%	84	-4																								
LT.2905	Bored Pile Construction; RCD Rig 1, 3 nos.	43	20-Dec-16	14-Feb-17	27-Aug-16 A	04-Oct-16 A	100%	108																									
LT.2915	Bored Pile Construction; RCD Rig 4, 2 nos.	30	06-May-17	10-Jun-17	21-Sep-16 A	23-Mar-17	62%	61	63																								
LT.2925	Bored Pile Construction; RCD Rig 1, 2 nos.	29	09-May-17	12-Jun-17	11-Oct-16 A	20-Mar-17	48%	65	66																								
LT.2935	Sonic Logging and Interface Coring Test; Portions L02 and L03	12	13-Jun-17	26-Jun-17	19-Apr-17	04-May-17	0%	44	45																								
BA14 and Testing																																	
LT.0108	Submission of BA14	3	27-Jun-17	29-Jun-17	05-May-17	08-May-17	0%	44	45																								
LT.0109	BD's Selection of Test Piles	28	30-Jun-17	27-Jul-17	09-May-17	05-Jun-17	0%	52	53																								
LT.0110	Concrete Coring Test and Submit Reports	13	27-Jul-17	11-Aug-17	05-Jun-17	20-Jun-17	0%	44	45																								
LT.0111	BD's Acknowledgement	45	12-Aug-17	25-Sep-17	20-Jun-17	04-Aug-17	0%	52	70																								
BA14 and Testing at Area 6 if Option is Exercised																																	
LT.0113	Submission of BA14	3	03-Feb-17	07-Feb-17	09-Feb-17	13-Feb-17	0%	-5	19																								
LT.0114	BD's Selection of Test Piles	28	07-Feb-17	07-Mar-17	13-Feb-17	13-Mar-17	0%	-6	22																								
LT.0115	Concrete Coring Test and Submit Reports	15	07-Mar-17	24-Mar-17	13-Mar-17	30-Mar-17	0%	-5	19																								
LT.3110	BD's Acknowledgement	45	24-Mar-17	08-May-17	30-Mar-17	14-May-17	0%	-6	91																								

- Secondary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"



Date	Revision	Checked	Approved
28-Oct-16	For Information	R.L.	A.W.

Activity ID	Activity Name	Durr. (Days)	Programme Rev A Start	Programme Rev A Finish	Current / Actual Start	Current / Actual Finish	Physical % Complete	Finish Variance	Float (Days)	2016												2017											
										Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Excavation and Lateral Support																																	
Pipe Pile in Areas 1 to 5																																	
LT.0120	Pre-grouting Works at Seawall Area; Portions M15, M16, L01 and L16	40	05-Mar-16	26-Apr-16	05-Mar-16 A	08-Apr-16 A	100%	16																									
LT.0121	Pre-grouting Works at Portions L05, L07, M14b and M12	101	23-Apr-16	23-Aug-16	18-Apr-16 A	26-Jul-16 A	100%	25																									
LT.0122	Pipe Pile and Grout Curtain; Portions L04, L05, L14, L24, M14 and M14b (PP 443 nos and CPP 3 nos)	215	21-May-16	08-Feb-17	12-Mar-16 A	16-Jan-17	78%	17	136																								
LT.3030	Clutched Pipe Pile and Grout Curtain; Portions M14a, L16 and L01 (CPP 82 nos.)	89	25-Jun-16	12-Oct-16	07-Jul-16 A	06-Oct-16 A	100%	4																									
Sheet Pile in Area 6																																	
LT.0124	Sheet Piles Installation in Portion L06; 1,472m2	32	21-Jun-16	28-Jul-16	07-Jun-16 A	25-Jul-16 A	100%	4																									
LT.2945	Sheet Piles Installation in Portions L07 and M12; 1,640m2	35	29-Jul-16	07-Sep-16	04-Jul-16 A	27-Sep-16 A	100%	-16																									
LT.2950	Instrument Installation for Instrumental Sheet Pile	15	28-May-16	15-Jun-16	21-May-16 A	31-May-16 A	100%	13																									
LT.2955	Drive Instrumental Sheet Pile and Report Submission	10	08-Jun-16	20-Jun-16	01-Jun-16 A	16-Jun-16 A	100%	4																									
Contract Administrator's Instruction No. 8																																	
LT.3050	Pre-grouting Works adjacent Seawall Portion L03	21	17-Sep-16	13-Oct-16	16-Aug-16 A	28-Oct-16 A	100%	-12																									
LT.3060	Pipe Pile and Grout Curtain; Portion L02 (PP 21nos.)	20	13-Sep-16	07-Oct-16	29-Oct-16	21-Nov-16	0%	-37	181																								
LT.3070	Clutched Pipe Pile and Grout Curtain; Portion L03 (CPP 104 nos. and PP 4 nos)	125	14-Oct-16	15-Mar-17	07-Oct-16 A	15-Mar-17	11%	0	89																								
BA14																																	
LT.0126	Submission of BA14 for Stage 1 ELS Sheet Piling Works at Area 6	2	08-Sep-16	09-Sep-16	08-Oct-16 A	29-Oct-16	90%	-40	-16																								
LT.0127	BD's Acknowledgement	14	09-Sep-16	23-Sep-16	30-Oct-16	12-Nov-16	0%	-50	61																								
LT.0128	Submission of BA14 for Stage 1 ELS Piling Works at Area 1 to 5	2	16-Mar-17	17-Mar-17	16-Mar-17	17-Mar-17	0%	0	89																								
LT.0129	BD's Acknowledgement	14	17-Mar-17	31-Mar-17	17-Mar-17	31-Mar-17	0%	0	114																								
Pumping Test																																	
LT.0131	Install Area 1 to Area 5 Pumping Test Instrumentation & Wells (16 PW + 32 OW) and Submission of I	22	13-Jun-17	08-Jul-17	10-May-17	05-Jun-17	0%	28	40																								
LT.0132	Carry Out Pumping Test in Area 1 to Area 5 and Submission to BD	20	09-Jul-17	28-Jul-17	06-Jun-17	25-Jun-17	0%	33	48																								
LT.0133	Obtain BD's Acknowledgement of Area 1 to 5 Pumping Test Results	45	29-Jul-17	11-Sep-17	26-Jun-17	09-Aug-17	0%	33	65																								
LT.0134	Install Area 6 Pumping Test Instrumentation & Wells (3 PW + 6 OW) and Submission of Initial Reading	21	07-Dec-16	04-Jan-17	17-Dec-16	14-Jan-17	0%	-8	-1																								
LT.0135	Carry Out Pumping Test in Area 6 and submission to BD	16	11-Jan-17	26-Jan-17	17-Jan-17	02-Feb-17	0%	-8	-5																								
LT.0136	Obtain BD's Acknowledgement of Area 6 Pumping Test Results	45	26-Jan-17	12-Mar-17	02-Feb-17	19-Mar-17	0%	-8	-5																								
Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0138	Bulk Excavation and Installation of Struts	102	25-Apr-17	26-Aug-17	02-May-17	31-Aug-17	0%	-5	-4																								
LT.0139	Trim Pile Head and Clearance	27	26-Aug-17	27-Sep-17	01-Sep-17	03-Oct-17	0%	-5	8																								
LT.3075	Submission of BA8 and BA10 for Bulk Excavation Works	35	14-Mar-17	18-Apr-17	21-Mar-17	25-Apr-17	0%	-8	-5																								
LT.3080	Installation of Temporary Platform	22	18-Apr-17	16-May-17	26-Apr-17	23-May-17	0%	-7	-4																								
BA14 for Option Stage 2 ELS and Excavation Works at Area 6																																	
LT.0141	Submission of BA14 for Stage 2 ELS and Excavation Works at Area 6	2	26-Aug-17	29-Aug-17	01-Sep-17	02-Sep-17	0%	-5	-4																								
LT.0142	BD's Acknowledgement	45	28-Aug-17	12-Oct-17	03-Sep-17	17-Oct-17	0%	-6	-4																								

- Secondary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

WEST KOWLOON CULTURAL DISTRICT AUTHORITY
FOUNDATION WORKS FOR LYRIC THEATRE COMPLEX
AND THE EXTENDED BASEMENT IN ZONE 3B
SUMMARY PROGRAMME BASED ON
CONSTRUCTION WORKS PROGRAMME - REV. "A"



Date	Revision	Checked	Approved
28-Oct-16	For Information	R.L.	A.W.

C. Environmental Mitigation Measures – Implementation Status

Table C-1: Environmental Mitigation Measures Implementation Status

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
Air Quality Impact (Construction)							
2.1 & 10.3.1	<p>General Dust Control Measures</p> <p>Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)</p>	Obs	Rem	Obs	Obs	Obs	✓
2.1 & 10.3.1	<p>Best Practice For Dust Control</p> <p>The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include:</p> <p><i>Good Site Management</i></p> <ul style="list-style-type: none"> Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning. <p><i>Disturbed Parts of the Roads</i></p> <ul style="list-style-type: none"> Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet. <p><i>Exposed Earth</i></p> <ul style="list-style-type: none"> Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seeding 	✓	Rem	Obs	Rem	✓	✓
		✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
	with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.	N/A	N/A	N/A	N/A	N/A	N/A
	<i>Loading, Unloading or Transfer of Dusty Materials</i>	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet. 						
	<i>Debris Handling</i>	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides. Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped. 	✓	✓	✓	✓	✓	✓
	<i>Transport of Dusty Materials</i>	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards. 	✓	✓	✓	✓	✓	✓
	<i>Wheel washing</i>	Obs	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 						
	<i>Use of vehicles</i>	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle. 	✓	✓	✓	✓	✓	✓
	<i>Site hoarding</i>	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of 	✓	✓	✓	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
	the site boundary except for a site entrance or exit.						
2.1 & 10.3.1	<p>Best Practicable Means for Cement Works (Concrete Batching Plant)</p> <p>The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include:</p> <p>Exhaust from Dust Arrestment Plant</p> <ul style="list-style-type: none"> Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection <p>Emission Limits</p> <ul style="list-style-type: none"> All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke <p>Engineering Design/Technical Requirements</p> <ul style="list-style-type: none"> As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions 	N/A	✓	✓	N/A	✓	✓
-	<p>Non-Road Mobile Machinery (NRMM):</p> <p>All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.</p>	✓	✓	✓	✓	✓	✓
Noise Impact (Construction)							
3.1 & 10.4.1	<p>Good Site Practice</p> <p>Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:</p> <ul style="list-style-type: none"> only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works; 	✓	✓	✓	Obs	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
	<ul style="list-style-type: none"> ▪ machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum; ▪ plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs; ▪ mobile plant should be sited as far away from NSRs as possible; and ▪ material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities. 	✓	✓	✓	✓	✓	✓
3.1 & 10.4.1	<p>Adoption of Quieter PME</p> <p>The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "Sound Power Levels of Other Commonly Used PME" are presented in Table 4.26 in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.</p>	N/A	N/A	N/A	N/A	N/A	N/A
3.1 & 10.4.1	<p>Use of Movable Noise Barriers</p> <p>Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.</p>	✓	✓	✓	✓	✓	✓
3.1 & 10.4.1	<p>Use of Noise Enclosure/ Acoustic Shed</p> <p>The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No.9/2010.</p>	N/A	N/A	N/A	N/A	N/A	N/A
3.1 & 10.4.1	<p>Use of Noise Insulating Fabric</p> <p>Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.</p>	✓	✓	✓	✓	✓	✓
3.1 & 10.4.1	<p>Scheduling of Construction Works outside School Examination Periods</p> <p>During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.</p>	N/A	N/A	N/A	N/A	N/A	N/A
Water Quality Impact (Construction)							

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
4.1 & 10.5.1	<p>Construction site runoff and drainage</p> <p>The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:</p> <ul style="list-style-type: none"> At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction; Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction. All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times. Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities. All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains. Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin 	Rem	Rem/Obs	Obs	Rem	✓	✓
✓	✓	✓	Obs	✓	✓		
Rem/Obs	Obs	Obs	Obs	Rem	Rem		
✓	✓	✓	✓	✓	✓		
Obs	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓		

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
	or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.						
	<ul style="list-style-type: none"> Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers. 	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes. 	✓	✓	✓	✓	✓	✓
	<ul style="list-style-type: none"> Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries. 	N/A	N/A	N/A	N/A	N/A	N/A
	Barging facilities and activities						
	Recommendations for good site practices during operation of the proposed barging point include:						
	<ul style="list-style-type: none"> All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; 	N/A	N/A	N/A	N/A	N/A	N/A
	<ul style="list-style-type: none"> Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation; 	N/A	N/A	N/A	N/A	N/A	N/A
	<ul style="list-style-type: none"> All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and 	N/A	N/A	N/A	N/A	N/A	N/A
	<ul style="list-style-type: none"> Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site. 	N/A	N/A	N/A	N/A	N/A	N/A
4.1 & 10.5.1	Sewage effluent from construction workforce						
	Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	✓	✓	✓	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
4.1 & 10.5.1	General construction activities <ul style="list-style-type: none"> ▪ Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used. ▪ Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event. 	Obs	Obs	Obs	✓	✓	✓
		Obs	Obs	Obs	Obs	Rem /Obs	Obs
Waste Management Implications (Construction)							
6.1 & 10.7.1	Good Site Practices Recommendations for good site practices during the construction activities include: <ul style="list-style-type: none"> ▪ Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site ▪ Training of site personnel in proper waste management and chemical handling procedures ▪ Provision of sufficient waste disposal points and regular collection of waste ▪ Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers ▪ Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads ▪ Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&D materials is not anticipated 	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓
		Obs	Obs	Obs	✓	✓	✓
		✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	Obs
		✓	✓	✓	✓	✓	✓
6.1 & 10.7.1	Waste Reduction Measures Recommendations to achieve waste reduction include: <ul style="list-style-type: none"> ▪ Sort inert C&D material to recover any recyclable portions such as metals ▪ Segregation and storage of different types of waste in different containers or skips to enhance reuse or 	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
	recycling of materials and their proper disposal						
	<ul style="list-style-type: none"> ▪ Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force ▪ Proper site practices to minimise the potential for damage or contamination of inert C&D materials ▪ Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste 	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	Obs
		✓	✓	✓	✓	✓	✓
6.1 & 10.7.1	<p>Inert and Non-inert C&D Materials</p> <p>In order to minimise impacts resulting from collection and transportation of inert C&D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.</p> <ul style="list-style-type: none"> ▪ The surplus inert C&D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong. ▪ Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD. ▪ The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site. ▪ In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No.6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site. 	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓
6.1 &	Chemical Waste						

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
10.7.1	<ul style="list-style-type: none"> If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the “Code of Practice on the Packaging Labelling and Storage of Chemical Wastes”. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation. Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended. 	Obs	Rem/Obs	Obs/Rem	Obs	Rem/Obs	Obs
		✓	✓	✓	✓	✓	✓
6.1 & 10.7.1	<p>General Refuse</p> <p>General refuse should be stored in enclosed bins or compaction units separated from inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.</p>	✓	✓	✓	✓	✓	✓
Land Contamination (Construction)							
7.1 & 10.8.1	<p>The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials.</p> <p>The following measures are proposed for excavation and transportation of contaminated material:</p> <ul style="list-style-type: none"> To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed; 	N/A	N/A	N/A	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
Table 9.1 & 10.8 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 & 10.8 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 & 10.8 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 & 10.8 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.1 (CM9)	Minimize the structure of marine facilities to built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓	✓	✓	✓
Table 9.2 & 10.9 (MCP2)	Early introduction of landscape treatments	N/A	N/A	N/A	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A	N/A	N/A	N/A	N/A

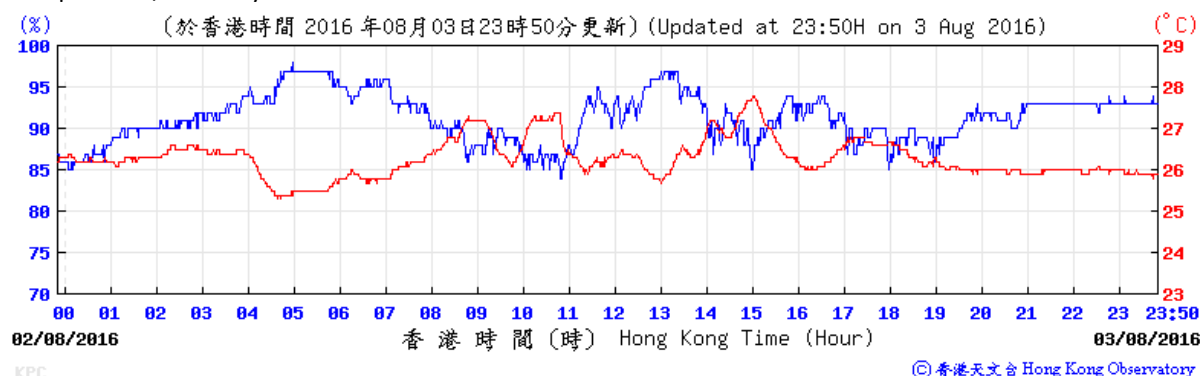
EM&A Ref.	Recommendation Measures	Implementation Stage					
		M+ Museum			Lyric Theatre Complex		
		Aug 2016	Sep 2016	Oct 2016	Aug 2016	Sep 2016	Oct 2016
Table 9.2 & 10.9 (MCP4)	Control of night time lighting	✓	✓	✓	✓	✓	✓
Table 9.2 & 10.9 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A	N/A	N/A	N/A	N/A	N/A

- N/A - Not Applicable
- ✓ - Implemented
- Obs - Observed
- Rem - Reminder

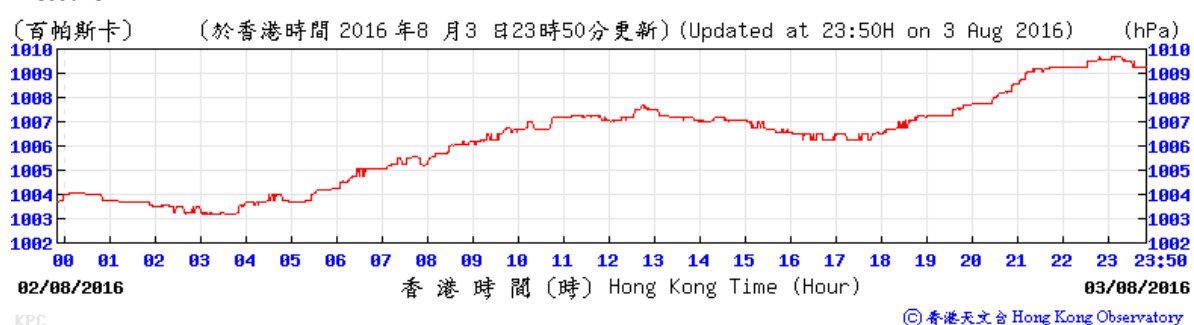
D. Meteorological Data Extracted from Hong Kong Observatory

Table D-1: Extract of Meteorological Observations for King's Park Automatic Weather Station in the reporting quarter

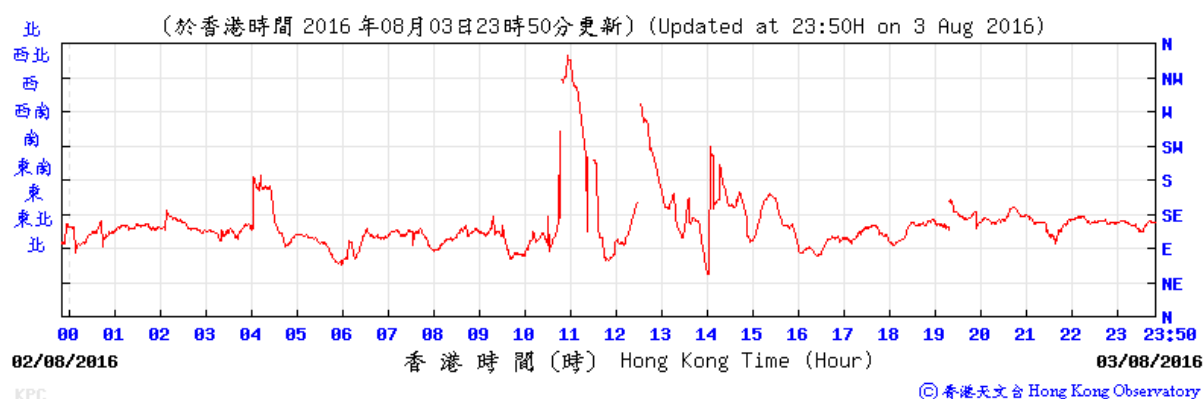
Temperature/Humidity:



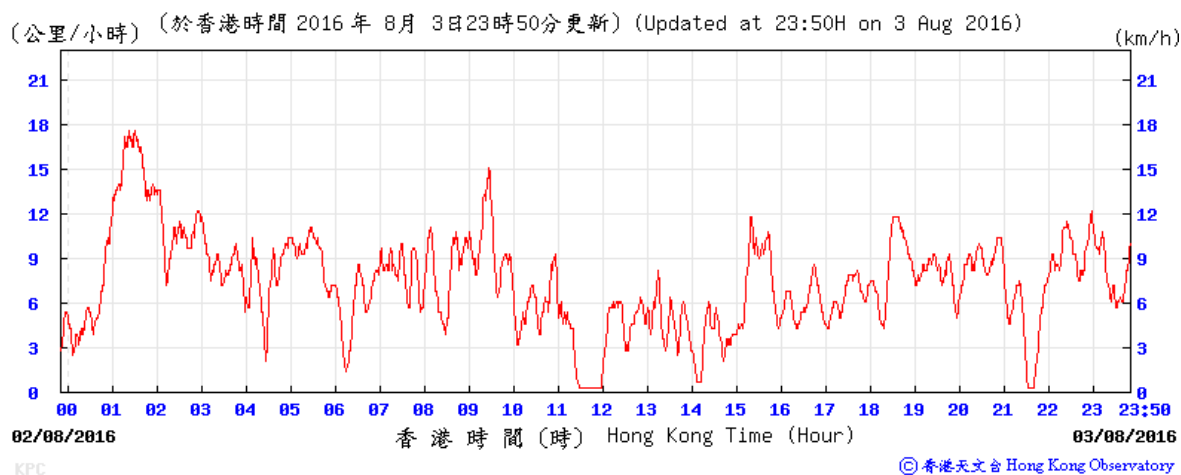
Pressure:



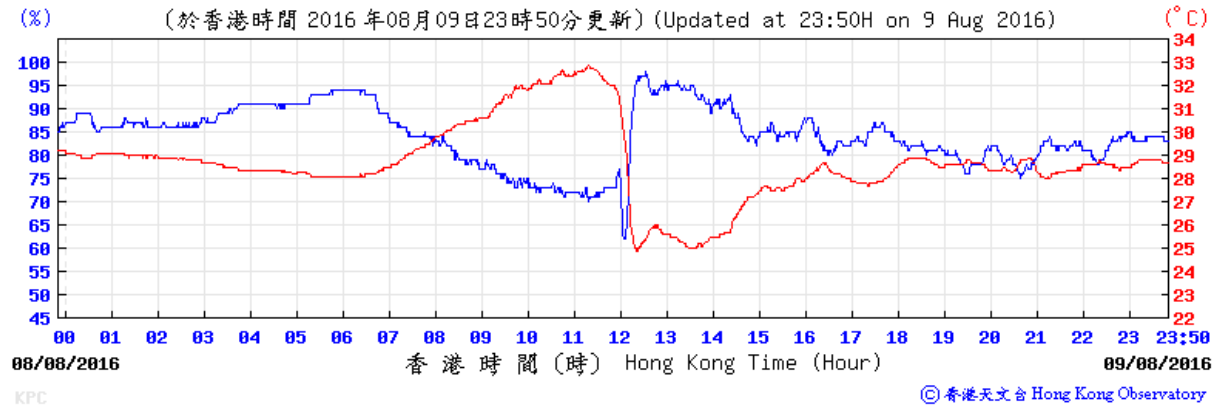
Wind Direction:



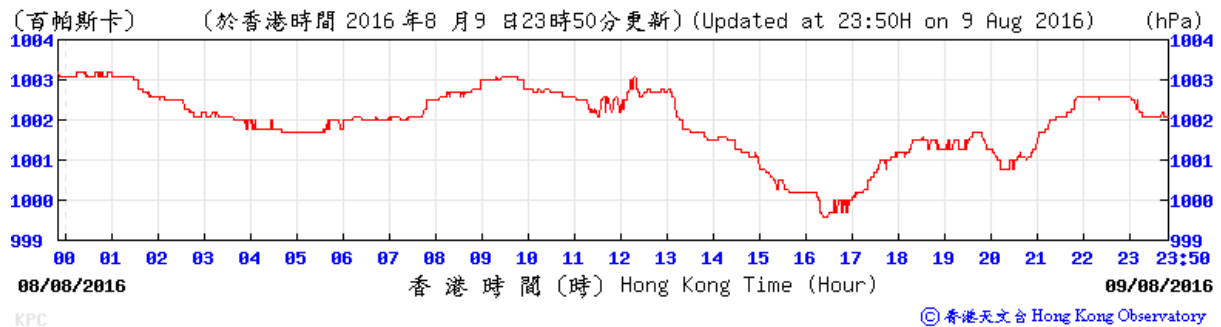
Wind Speed:



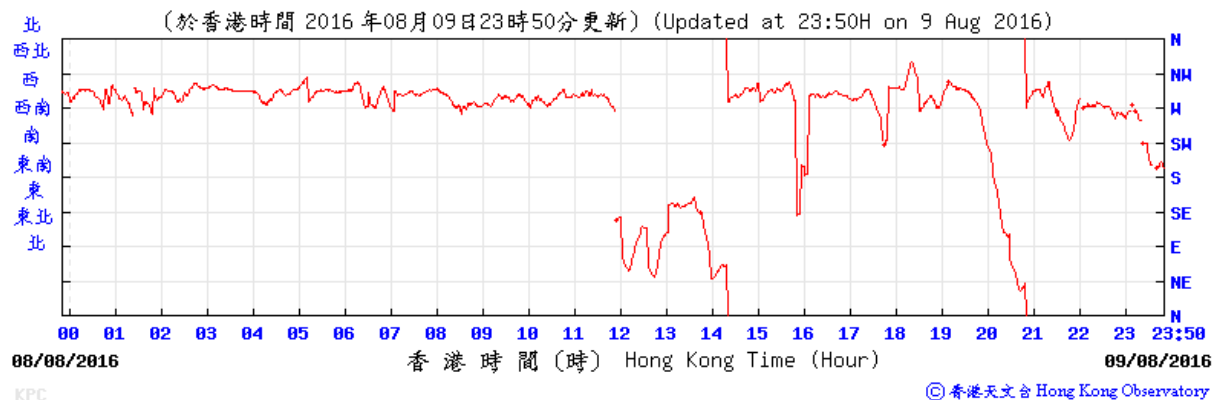
Temperature/Humidity:



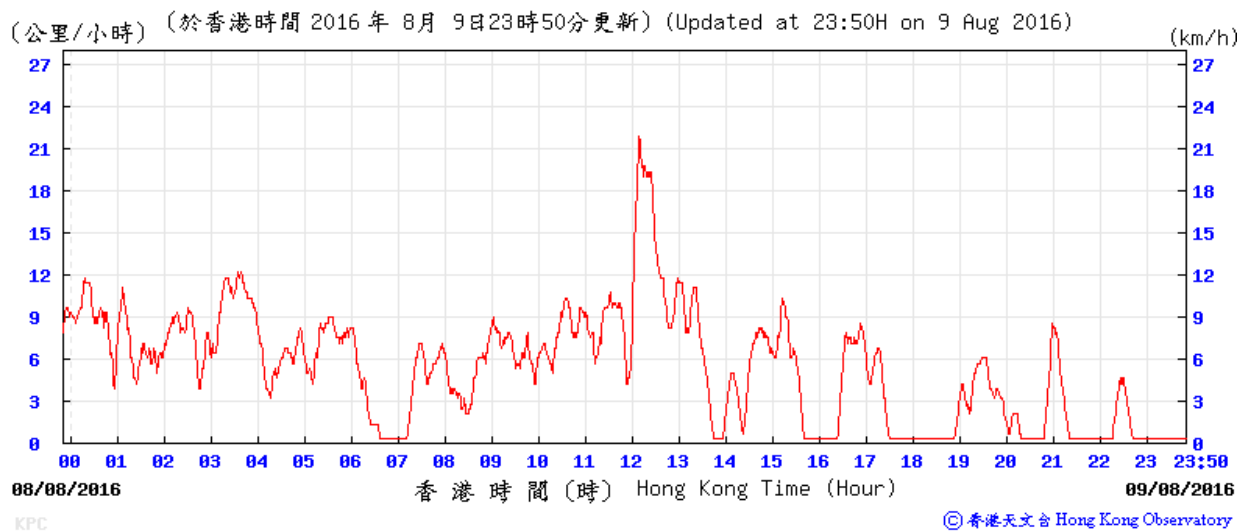
Pressure:



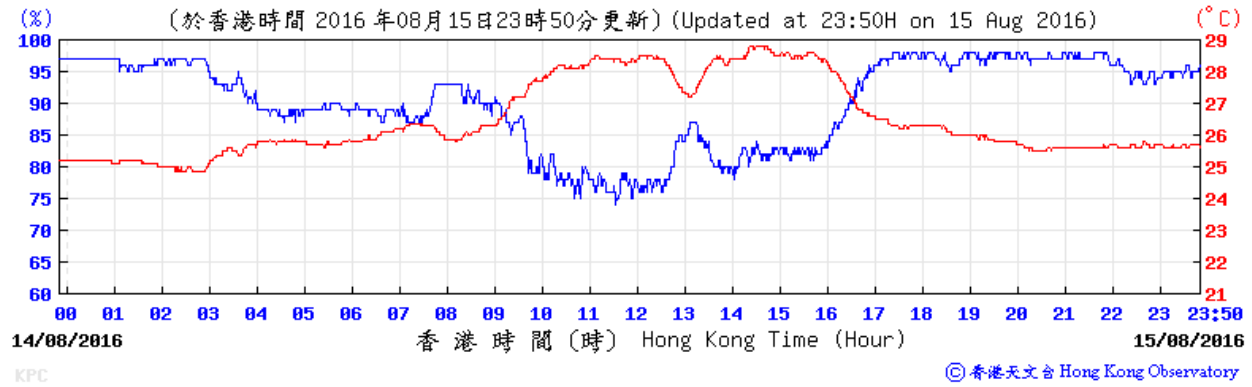
Wind Direction:



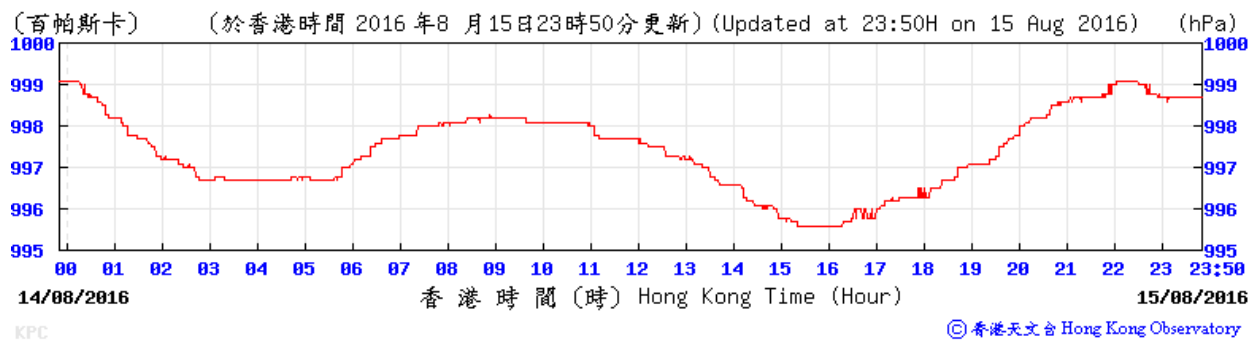
Wind Speed:



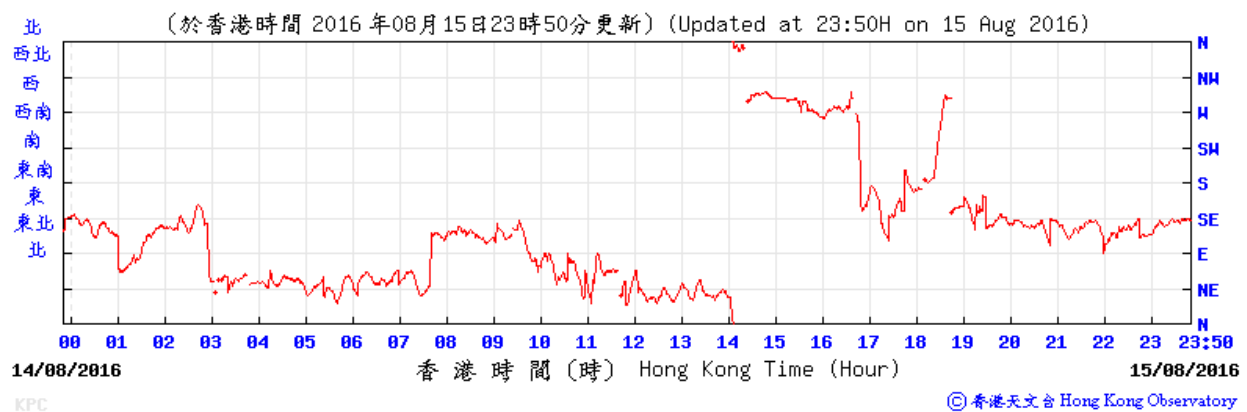
Temperature/Humidity:



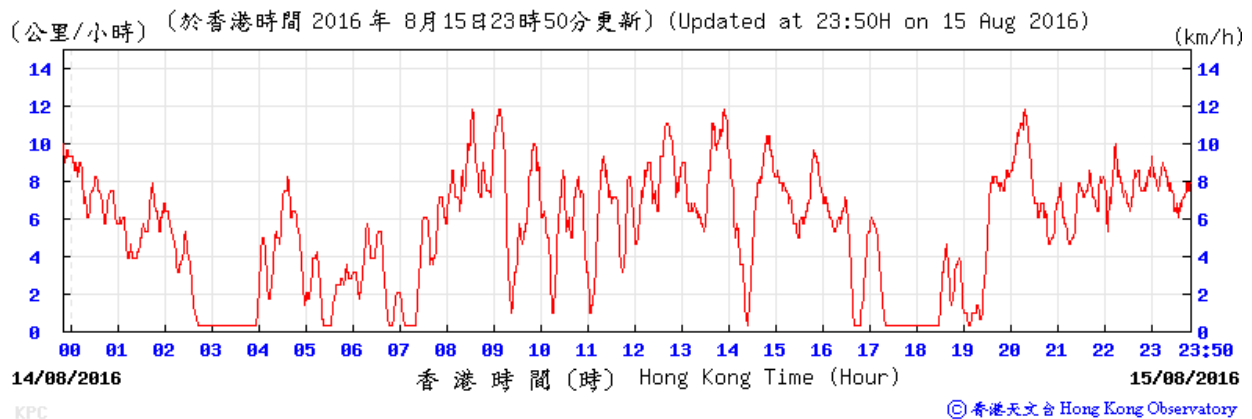
Pressure:



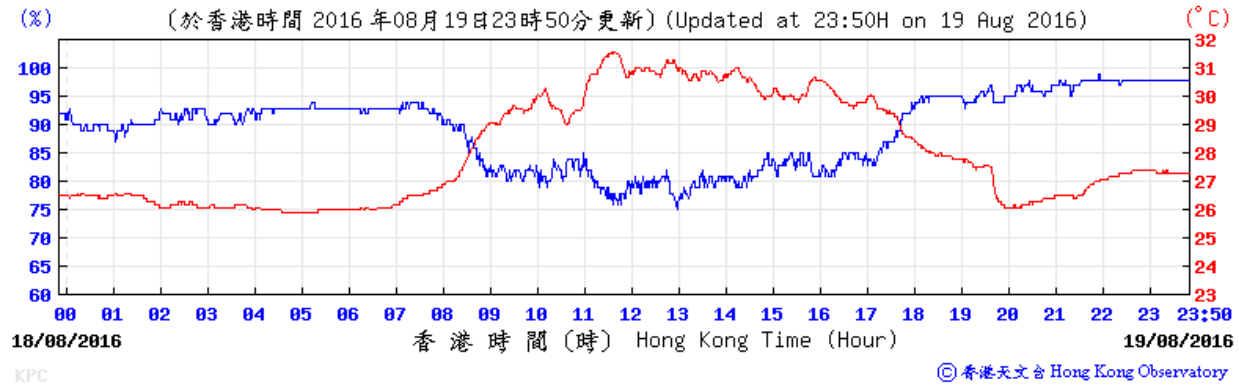
Wind Direction:



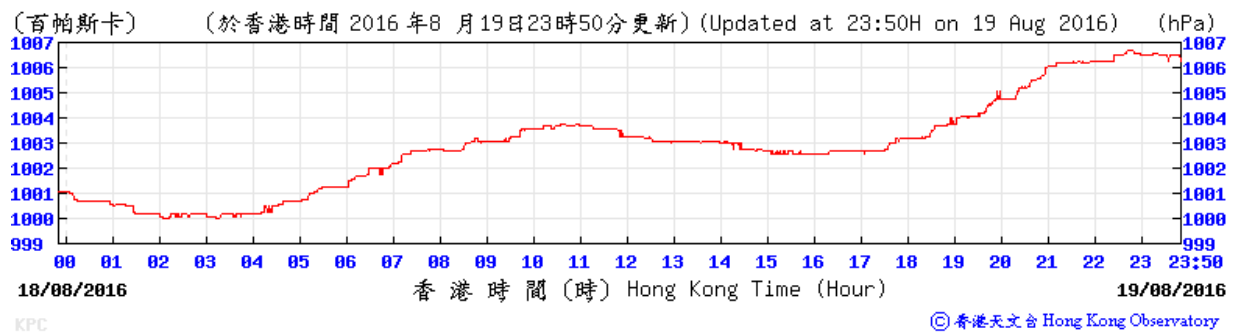
Wind Speed:



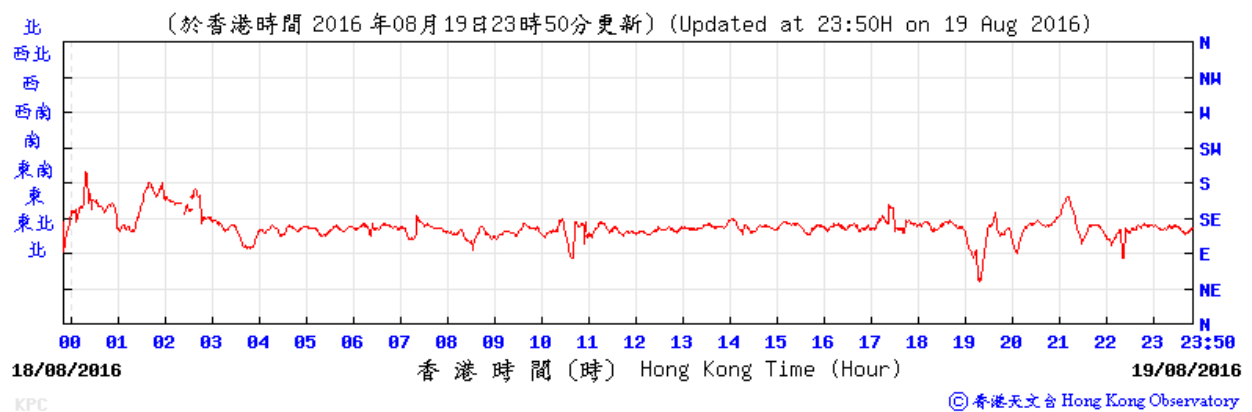
Temperature/Humidity:



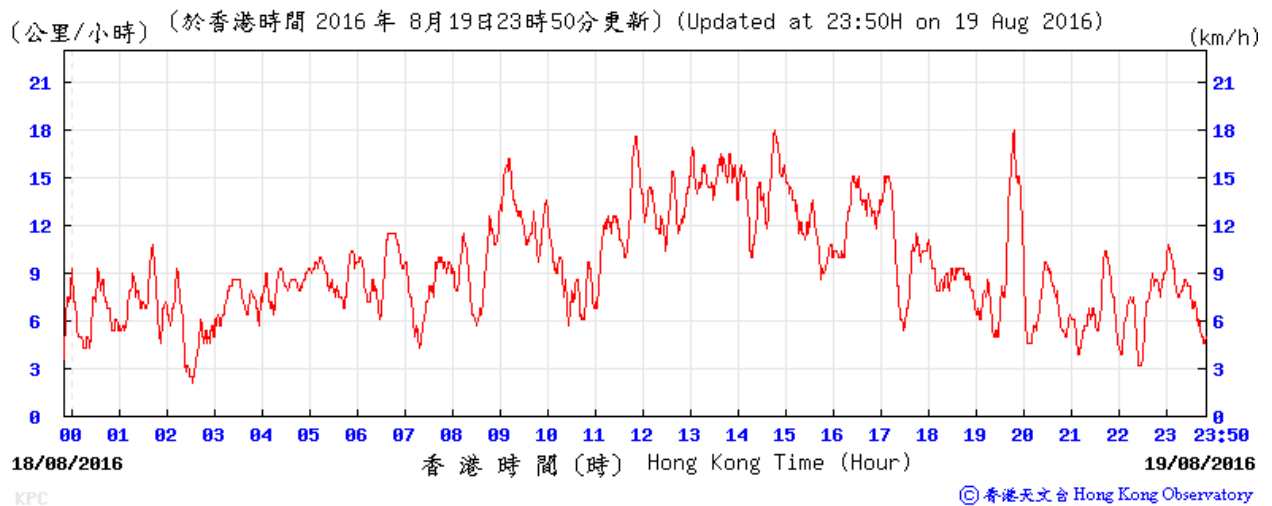
Pressure:



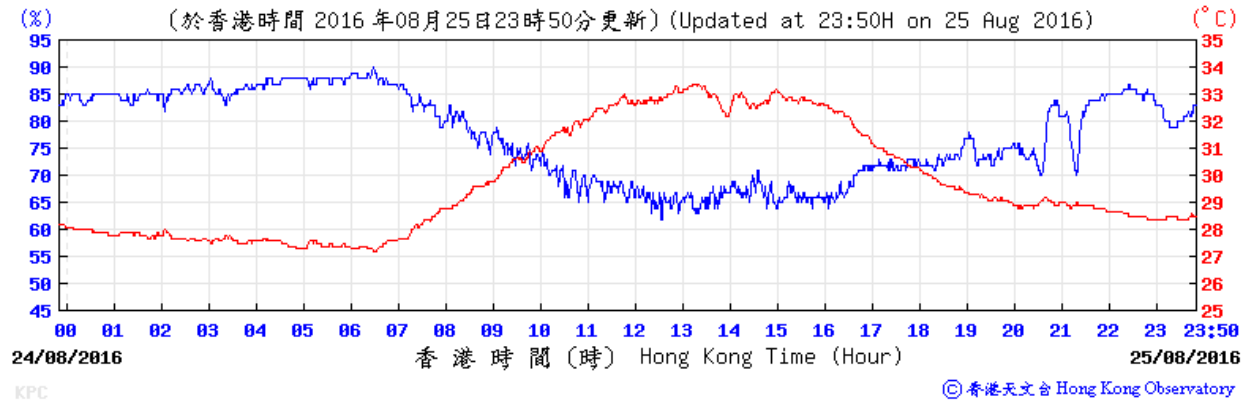
Wind Direction:



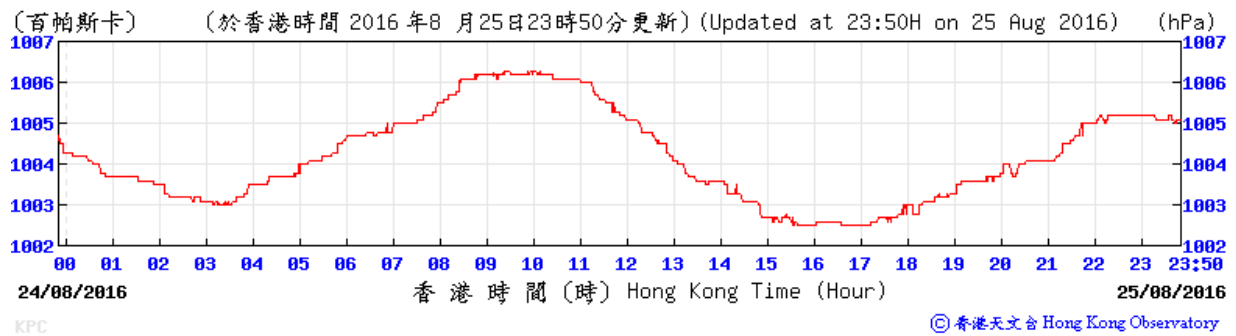
Wind Speed:



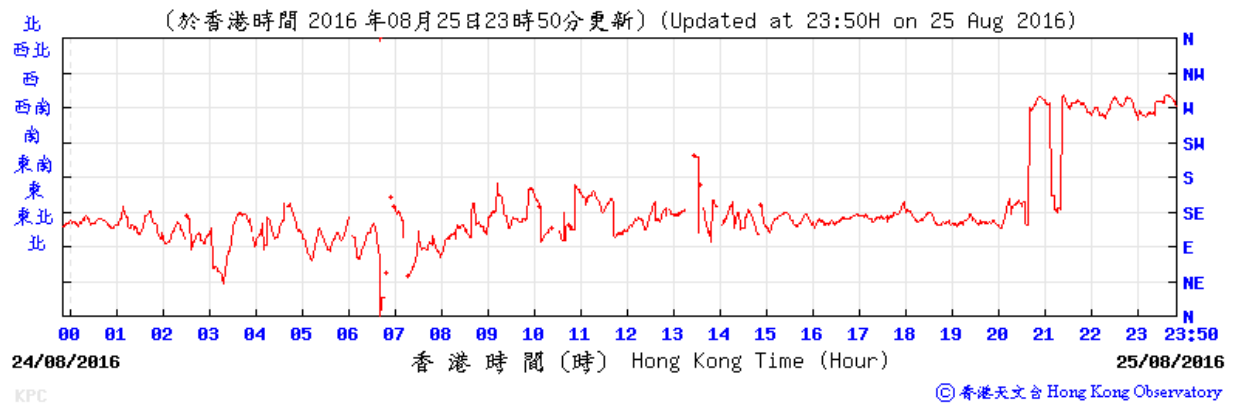
Temperature/Humidity:



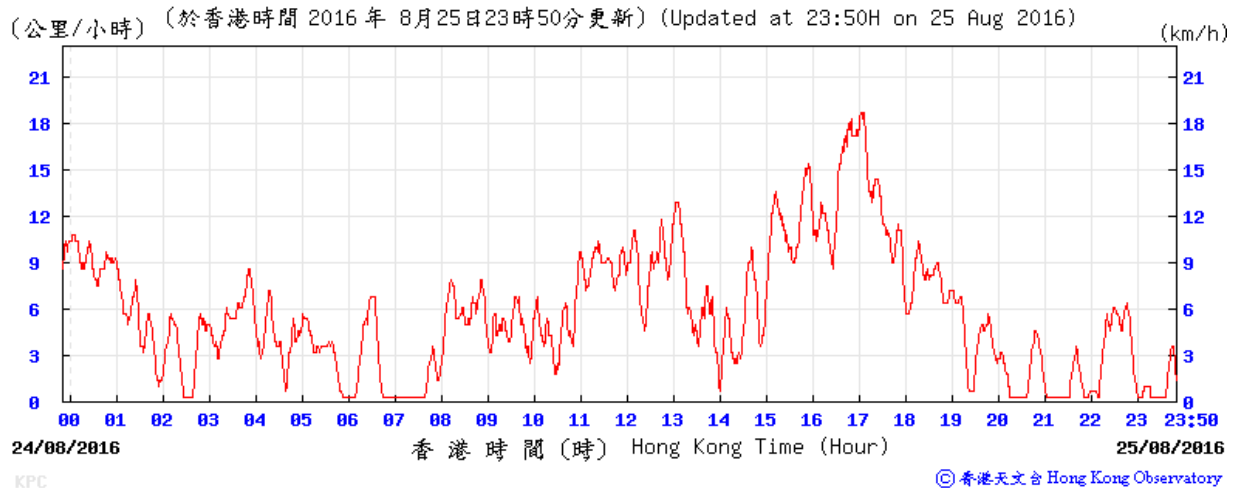
Pressure:



Wind Direction:



Wind Speed:



Meteorological data for 31 August 2016 was not available.

EXTRACT OF METEOROLOGICAL OBSERVATIONS FOR HONG KONG, SEPTEMBER 2016

Day	Hong Kong Observatory								King's Park	Waglan Island^	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1003.3	30.0	27.9	25.2	25.6	88	86	68.9	2.8	230	23.5
02	1002.0	31.0	28.7	27.5	26.1	86	88	6.1	0.5	230	19.7
03	1002.7	31.2	28.1	25.7	25.7	87	88	7.0	1.2	230	10.9
04	1005.2	30.1	28.2	27.0	25.3	84	88	Trace	3.1	070	28.1
05	1006.1	29.2	27.1	25.8	25.1	89	86	75.3	0.4	050	30.0
06	1006.7	27.7	26.7	25.7	25.0	90	86	10.8	0.7	050	7.3
07	1007.5	28.0	26.5	25.4	24.8	90	91	20.4	0.0	230	16.1
08	1008.0	28.4	27.1	25.5	25.2	90	84	2.8	0.2	230	8.8
09	1008.4	29.4	27.0	25.5	24.8	88	87	16.3	1.1	230	11.3
10	1007.8	27.7	26.3	24.5	25.1	93	87	53.2	0.1	050	11.0
11	1008.4	31.6	28.1	25.9	25.6	87	72	6.6	6.4	030	7.1
12	1010.2	32.7	28.7	26.0	25.3	83	49	0.0	10.5	030	15.2
13	1010.2	30.9	28.2	26.0	25.2	84	61	8.5	5.0	080	18.7
14	1004.5	32.6	29.6	26.9	23.0	69	59	0.0	9.7	340	17.1
15	1002.9	31.9	29.4	28.0	22.8	68	63	0.7	4.5	280	15.0
16	1004.9	31.3	29.0	27.3	22.9	70	44	0.0	7.3	010	15.3
17	1005.7	31.6	29.3	27.3	22.2	66	50	0.0	7.3	010	19.4
18	1006.9	31.5	28.6	26.3	21.7	66	47	Trace	5.9	010	12.7
19	1008.0	32.6	28.6	25.5	23.1	73	51	3.8	7.5	010	21.0
20	1012.1	29.5	25.5	22.8	23.2	87	85	39.6	3.6	350	31.5
21	1014.4	30.6	27.1	24.7	22.6	77	52	2.4	10.4	070	35.7
22	1013.6	28.9	27.2	26.1	22.7	76	87	0.0	3.8	070	35.0
23	1012.0	29.9	27.7	26.5	23.5	78	88	Trace	7.3	070	30.8
24	1010.5	30.5	27.9	26.6	23.8	78	66	Trace	7.9	080	28.1
25	1009.8	30.5	28.1	26.9	24.3	80	52	0.0	7.1	080	20.3
26	1007.7	31.1	28.5	27.0	24.8	81	69	Trace	7.3	230	15.0
27	1002.6	34.9	31.1	27.7	24.1	68	36	0.0	10.2	290	11.2
28	999.5	32.2	30.4	28.9	21.3	58	79	0.0	0.3	300	25.5
29	1003.9	28.9	26.5	24.9	20.5	70	88	0.7	1.1	010	18.2
30	1007.7	26.4	25.1	24.1	21.0	78	86	0.0	2.5	010	7.4
Mean/Total	1007.1	30.4	27.9	26.1	23.9	79	72	323.1	135.7	080	18.8
Normal [§]	1008.9	30.1	27.7	25.8	23.4	78	66	327.6	172.3	090	22.6

^ Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1989

Trace means rainfall less than 0.05 mm

§ 1981-2010 Climatological Normal, unless otherwise specified

EXTRACT OF METEOROLOGICAL OBSERVATIONS FOR HONG KONG, OCTOBER 2016 (Table 1)

Date October	Mean Pressure (hPa)	Air Temperature			Mean Dew Point Temperature (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)
		Maximum (deg. C)	Mean (deg. C)	Minimum (deg. C)				
1	1009.9	29.4	26.6	24.0	24.6	89	75	95.5
2	1009.0	29.8	27.6	26.2	24.3	82	76	Trace
3	1007.8	28.3	27.5	26.6	24.1	82	84	0.2
4	1008.1	29.5	27.5	26.5	24.4	83	60	-
5	1008.9	31.9	28.6	26.9	24.3	78	68	Trace
6	1009.1	32.4	28.5	25.9	23.5	75	57	16.7
7	1007.1	29.3	27.7	25.5	23.5	79	86	17.3
8	1006.8	29.9	28.1	27.0	22.4	71	88	Trace
9	1008.9	28.8	26.5	24.9	20.4	69	86	-
10	1010.2	28.1	25.3	23.5	19.4	70	74	-
11	1010.7	26.8	24.5	22.0	20.6	79	88	0.1
12	1012.5	25.8	24.6	23.0	21.6	84	88	0.9
13	1013.5	29.3	26.0	24.2	21.6	77	72	Trace
14	1013.2	29.9	26.7	25.0	21.9	76	70	Trace
15	1012.6	30.3	27.2	24.6	21.6	72	63	-
16	1010.9	30.8	28.0	25.9	22.1	71	62	-
17	1009.1	28.8	26.6	24.1	22.9	81	89	16.7
18	1008.1	25.5	24.8	23.9	24.2	96	91	178.7
19	1008.7	25.9	25.1	24.4	24.6	96	94	223.4
20	1004.6	29.5	27.3	24.7	23.8	82	82	-
21	997.1	28.0	26.1	24.4	23.6	86	96	72.5
22	1007.8	29.4	27.5	26.1	24.4	84	77	1.9
23	1010.0	29.1	27.1	25.8	24.9	88	68	-
24	1011.3	29.1	27.3	26.1	25.2	88	74	Trace
25	1013.3	29.8	27.3	26.1	24.8	87	65	Trace
26	1015.6	30.0	27.1	25.7	24.2	84	47	-
27	1016.0	30.9	27.5	25.4	23.5	79	41	-
28	1014.9	31.5	28.2	26.3	23.3	75	54	-
29	1017.2	29.0	26.7	24.3	22.7	79	70	0.5
30	1019.8	26.6	24.4	22.9	19.4	74	85	-
31	1019.1	28.7	25.5	23.1	19.7	70	66	-
Mean/Total	1010.7	29.1	26.8	25.0	22.9	80	74	624.4
Normal*	1014.1	27.8	25.5	23.7	20.2	73	58	100.9
Station	Hong Kong Observatory							

EXTRACT OF METEOROLOGICAL OBSERVATIONS FOR HONG KONG, OCTOBER 2016 (Table 2)

Date October	Number of hours of Reduced Visibility* (hours)	Total Bright Sunshine (hours)	Daily Global Solar Radiation (MJ/m ²)	Total Evaporation (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
1	12	5.8	16.05	0.6	090	16.2
2	9	3.0	11.57	4.2	060	17.8
3	0	1.2	8.37	2.0	050	28.5
4	0	4.9	9.68	1.9	050	17.5
5	0	5.7	16.61	4.4	070	18.7
6	0	8.9	18.76	6.8	010	19.3
7	0	3.8	11.82	3.1	010	23.6
8	0	2.1	10.54	3.7	360	35.2
9	0	4.7	15.92	6.1	010	33.0
10	0	6.8	16.51	3.5	020	28.0
11	0	0.7	9.51	3.2	010	29.8
12	0	0.1	4.70	1.3	060	39.7
13	0	6.5	17.41	4.7	080	39.5
14	0	9.0	19.58	3.9	080	34.6
15	0	7.0	15.64	4.5	050	20.3
16	0	7.8	15.66	5.0	020	20.3
17	0	2.2	7.73	N.A.	070	43.5
18	0	-	2.07	N.A.	090	57.5
19	0	0.1	2.27	N.A.	100	36.0
20	7	7.4	14.48	1.9	010	15.8
21	0	-	0.80	N.A.	220	60.8
22	0	5.0	12.47	0.5	220	18.2
23	0	2.8	10.47	2.1	100	6.0
24	0	4.1	12.90	1.9	120	13.8
25	0	9.2	20.00	4.2	090	16.5
26	0	8.5	17.55	3.2	070	17.1
27	0	9.8	19.82	4.6	060	11.1
28	0	10.3	20.33	3.3	020	8.6
29	0	3.7	11.38	5.3	080	31.5
30	0	3.6	12.46	4.1	020	32.3
31	0	7.9	17.24	5.2	070	24.0
Mean/Total	28	152.6	12.91	95.2 [‡]	070	26.3
Normal*	142.8 [§]	193.9	14.05	123.9	080	27.4
Station	Hong Kong International Airport	King's Park		Waglan Island [^]		

The minimum pressure recorded at the Hong Kong Observatory was 990.7 hectopascals at 1132 HKT on 21 October.

The maximum air temperature recorded at the Hong Kong Observatory was 32.4 degrees C at 1326 HKT on 6 October.

The minimum air temperature recorded at the Hong Kong Observatory was 22.0 degrees C at 0543 HKT on 11 October.

The maximum gust peak speed recorded at Waglan Island was 115 kilometres per hour from 280 degrees at 1235 HKT on 21 October.

The maximum 1-minute mean rainfall rate recorded at King's Park was 173 millimetres per hour at 1503 HKT on 18 October.

Reduced visibility refers to visibility below 8 kilometres when there is no fog, mist or precipitation.

- The visibility readings at the Hong Kong International Airport are based on hourly observations by professional meteorological observers in 2004 and before, and average readings over the 10-minute period before the clock hour of the visibility meter near the middle of the south runway from 2005 onwards. The change of the data source in 2005 is an improvement of the visibility assessment using instrumented observations following the international trend.

- Before 10 October 2007, the number of hours of reduced visibility at the Hong Kong International Airport in 2005 and thereafter displayed in this web page was based on hourly visibility observations by professional meteorological observers. Since 10 October 2007, the data have been revised using the average visibility readings over the 10-minute period before the clock hour, as recorded by the visibility meter near the middle of the south runway.

^ In case the data are not available from Waglan Island, observations of Cheung Chau or other nearby weather stations will be incorporated in computing the Prevailing Wind Direction and Mean Wind Speed.

* 1981-2010 Climatlogical Normal, unless otherwise specified

§ 1997-2015 Mean value

& Data incomplete

Remarks:

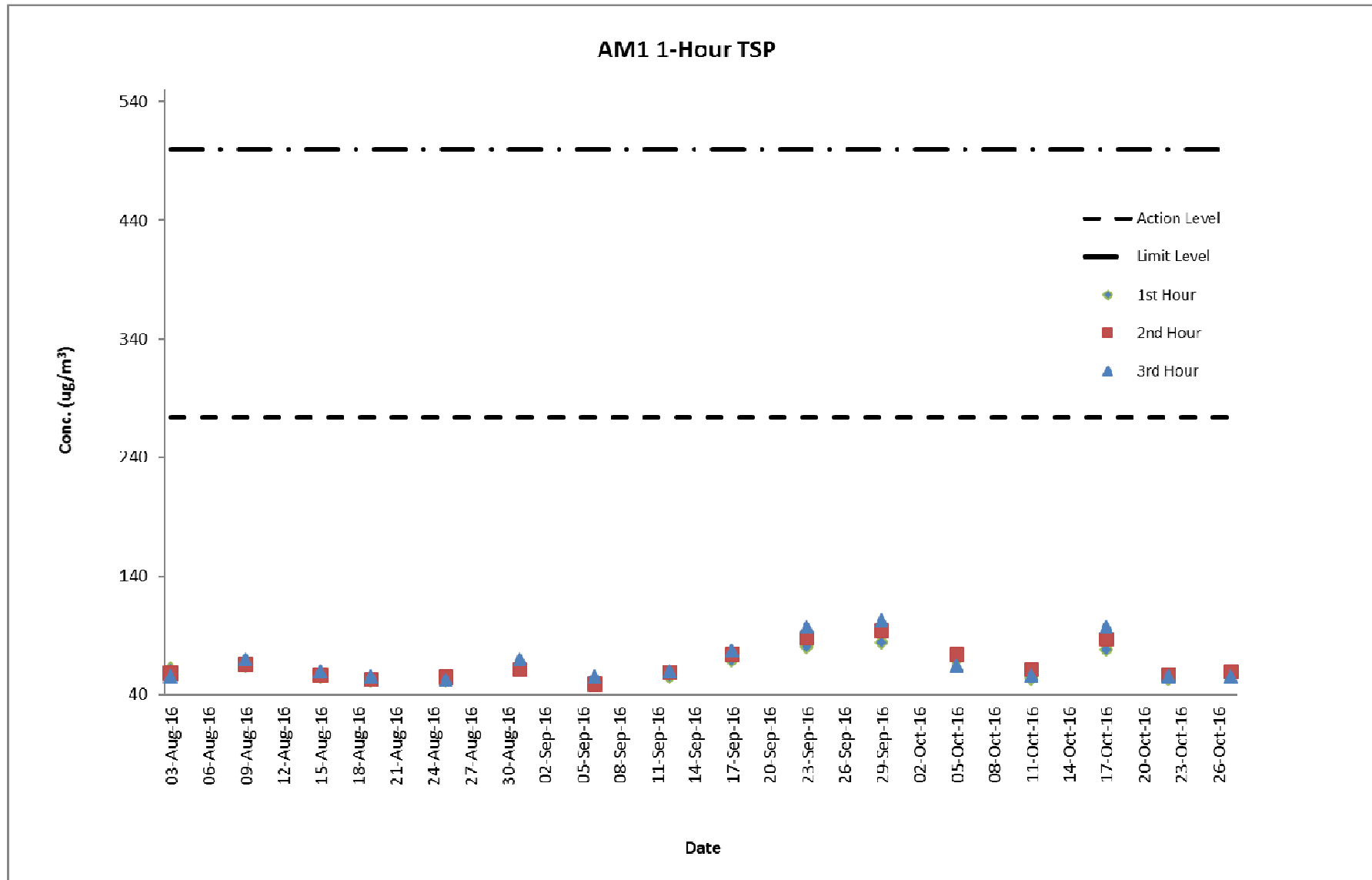
Graphical presentations for wind speed and wind direction from the nearest HKO's weather station were not available.

E. Graphical Plots of the Monitoring Results

Air Quality Monitoring Result at Station AM1 (1-hour TSP)

Date	Weather Condition	Time		Conc. ($\mu\text{g}/\text{m}^3$)			Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
				1 st Hour	2 nd Hour	3 rd Hour		
03-Aug-16	Cloudy	10:45	16:00	62	58	55	273.7	500
09-Aug-16	Sunny	10:21	16:00	64	66	70	273.7	500
15-Aug-16	Cloudy	10:40	16:00	55	57	60	273.7	500
19-Aug-16	Fine	8:04	11:04	51	53	55	273.7	500
25-Aug-16	Sunny	10:47	16:00	51	55	52	273.7	500
31-Aug-16	Fine	10:30	16:00	64	61	70	273.7	500
06-Sep-16	Rainy	10:42	16:00	52	49	55	273.7	500
12-Sep-16	Fine	10:42	16:00	55	59	60	273.7	500
17-Sep-16	Sunny	8:05	11:05	69	74	77	273.7	500
23-Sep-16	Sunny	10:50	16:00	80	88	97	273.7	500
29-Sep-16	Cloudy	10:50	16:00	84	94	102	273.7	500
05-Oct-16	Cloudy	10:48	16:00	70	74	64	273.7	500
11-Oct-16	Cloudy	10:40	16:00	54	61	56	273.7	500
17-Oct-16	Cloudy	10:50	16:00	78	87	97	273.7	500
22-Oct-16	Cloudy	8:05	11:05	54	57	55	273.7	500
27-Oct-16	Sunny	10:40	16:00	59	60	55	273.7	500

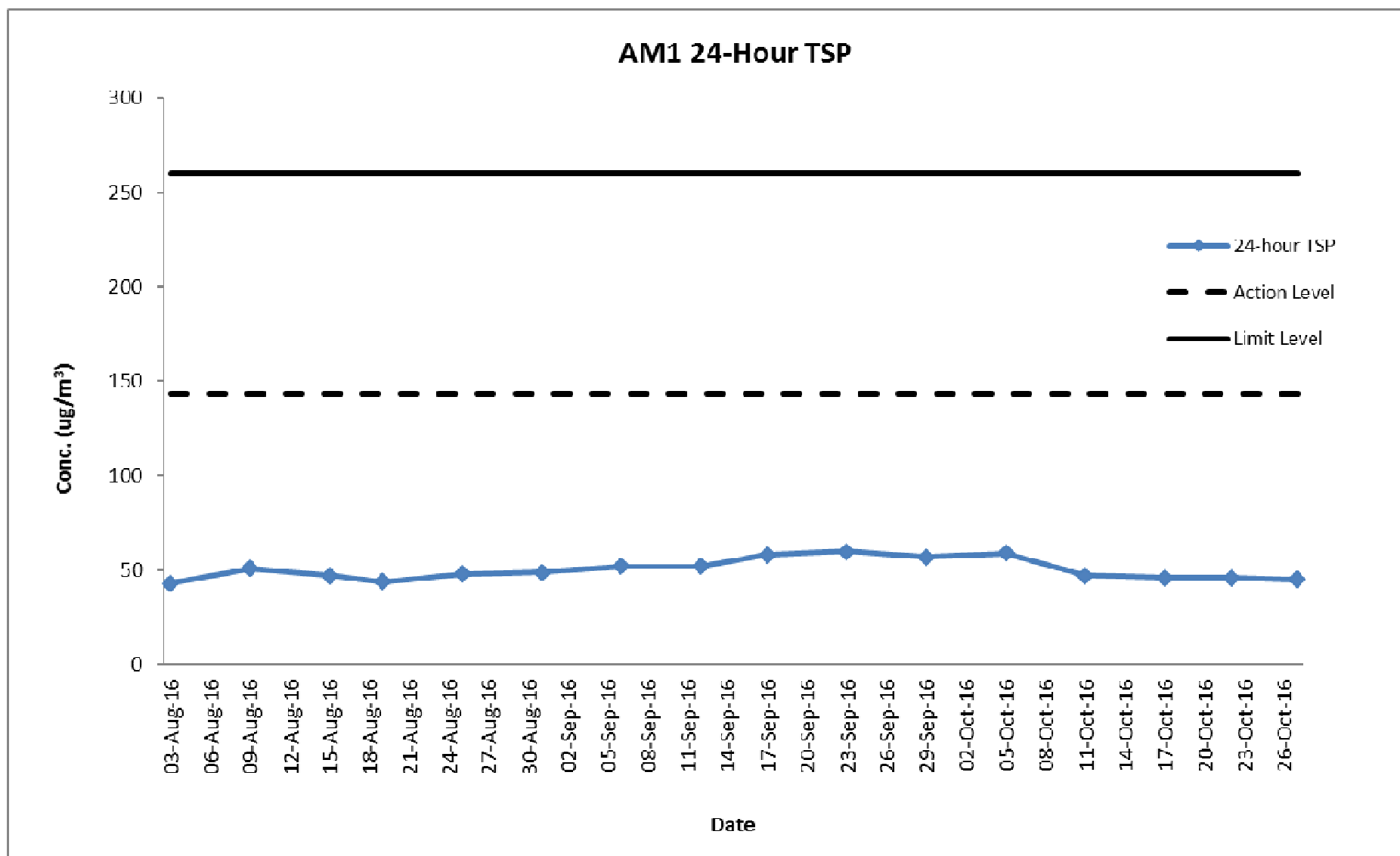
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m ³ /min)			Conc. (µg/m ³)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
03-Aug-16	10:43	04-Aug-16	10:43	2.8156	2.8917	19524.38	19548.38	24	1.24	1.24	1.24	43	Cloudy	143.6	260
09-Aug-16	10:23	10-Aug-16	10:23	2.8094	2.9002	19848.38	19872.38	24	1.24	1.24	1.24	51	Sunny	143.6	260
15-Aug-16	10:42	16-Aug-16	10:42	2.8117	2.8922	19872.38	19896.38	24	1.24	1.24	1.24	45	Cloudy	143.6	260
19-Aug-16	08:00	20-Aug-16	08:00	2.816	2.8927	19896.38	19920.38	24	1.2	1.2	1.2	44	Fine	143.6	260
25-Aug-16	10:45	26-Aug-16	10:45	2.7944	2.8771	19920.38	19944.38	24	1.2	1.2	1.2	48	Sunny	143.6	260
31-Aug-16	10:32	01-Sep-16	10:32	2.787	2.8711	19944.38	19968.38	24	1.2	1.2	1.2	49	Fine	143.6	260
06-Sep-16	10:40	07-Sep-16	10:40	2.7901	2.88	19968.38	19992.38	24	1.2	1.2	1.2	52	Rainy	143.6	260
12-Sep-16	10:40	13-Sep-16	10:40	2.8104	2.9001	19992.38	20016.38	24	1.2	1.2	1.2	52	Fine	143.6	260
17-Sep-16	08:00	18-Sep-16	08:00	2.7912	2.891	20016.38	20040.38	24	1.2	1.2	1.2	58	Sunny	143.6	260
23-Sep-16	10:52	24-Sep-16	10:52	2.794	2.8971	20040.38	20064.38	24	1.2	1.2	1.2	60	Sunny	143.6	260
29-Sep-16	10:48	30-Sep-16	10:48	2.8016	2.9001	20064.38	20088.38	24	1.2	1.2	1.2	57	Cloudy	143.6	260
05-Oct-16	10:50	06-Oct-16	10:50	2.807	2.909	20088.38	20112.38	24	1.2	1.2	1.2	59	Cloudy	143.6	260
11-Oct-16	10:42	12-Oct-16	10:42	2.7923	2.8742	20112.38	20136.38	24	1.2	1.2	1.2	47	Cloudy	143.6	260
17-Oct-16	10:48	18-Oct-16	10:48	2.81	2.8911	20136.38	20160.38	24	1.23	1.23	1.23	46	Cloudy	143.6	260
22-Oct-16	08:00	23-Oct-16	08:00	2.809	2.89	20160.38	20184.38	24	1.23	1.23	1.23	46	Cloudy	143.6	260
27-Oct-16	10:42	28-Oct-16	10:42	2.7974	2.8779	20184.38	20208.38	24	1.23	1.23	1.23	45	Sunny	143.6	260

Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



Air Quality Monitoring Result at Station AM2A (1-hour TSP)

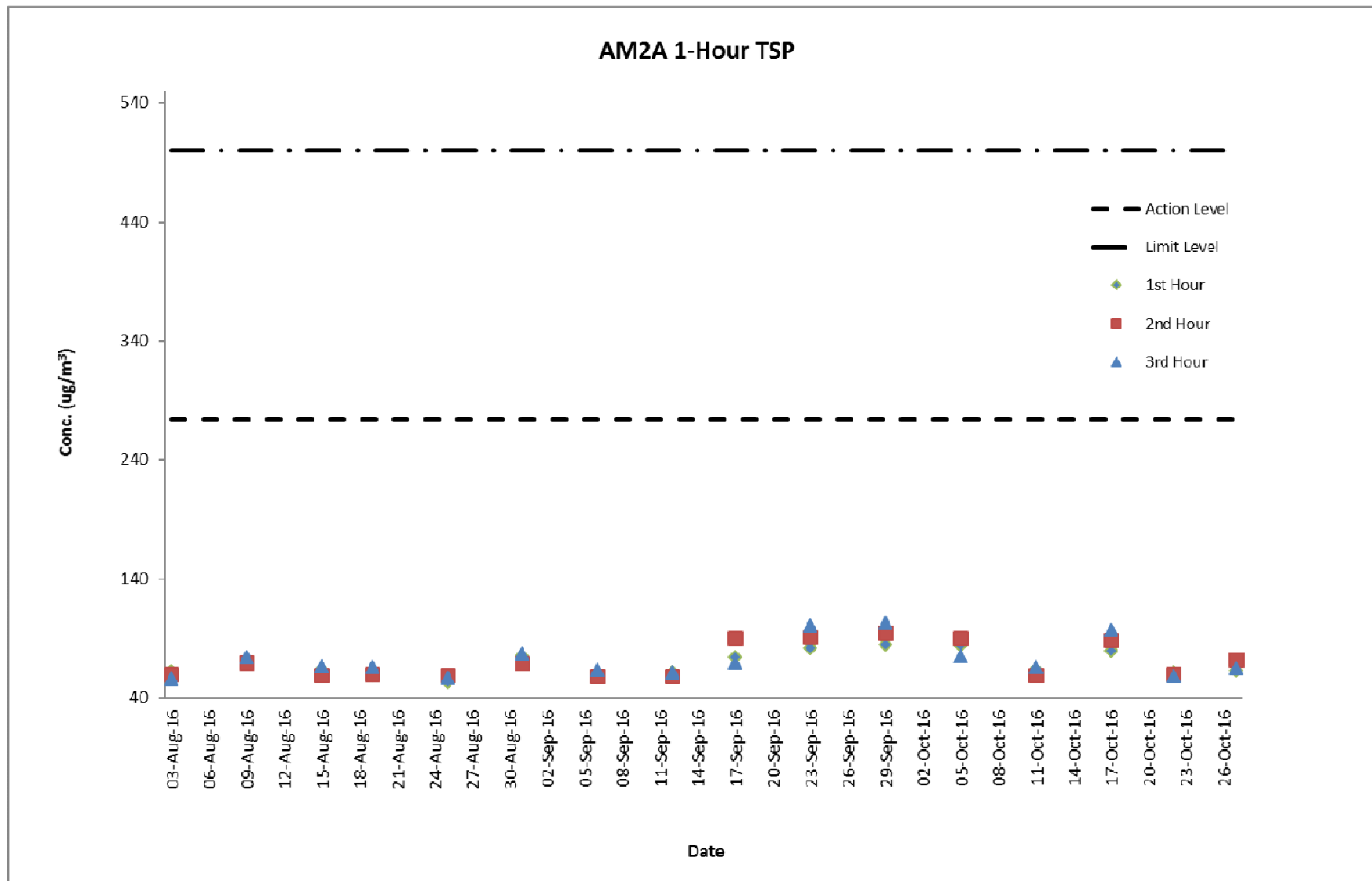
Date	Weather Condition	Time		Conc. ($\mu\text{g}/\text{m}^3$)			Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
				1 st Hour	2 nd Hour	3 rd Hour		
03-Aug-16	Cloudy	10:53	16:10	62	60	56	274.2	500
09-Aug-16	Sunny	10:33	16:10	69	70	74	274.2	500
15-Aug-16	Cloudy	10:52	16:10	64	59	67	274.2	500
19-Aug-16	Fine	8:14	11:14	59	60	66	274.2	500
25-Aug-16	Sunny	10:57	16:10	54	59	57	274.2	500
31-Aug-16	Fine	10:42	16:10	75	69	77	274.2	500
06-Sep-16	Rainy	10:52	16:10	60	58	64	274.2	500
12-Sep-16	Fine	10:52	16:10	61	58	61	274.2	500
17-Sep-16	Sunny	8:15	16:10	74	90	70	274.2	500
23-Sep-16	Sunny	11:02	16:10	82	91	101	274.2	500
29-Sep-16	Cloudy	11:00	16:10	85	95	103	274.2	500
05-Oct-16	Cloudy	11:00	16:10	84	90	75	274.2	500
11-Oct-16	Cloudy	10:52	16:10	64	59	66	274.2	500
17-Oct-16	Cloudy	11:00	16:10	80	89	97	274.2	500
22-Oct-16	Cloudy	8:17	11:17	61	60	58	274.2	500
27-Oct-16	Sunny	10:52	16:10	63	72	65	274.2	500

Remarks:

1-hr TSP impact monitoring was conducted at AM2 station during the reporting month of August 2016.

1-hr TSP impact monitoring has been relocated to conduct at AM2A station starting from the reporting month of September 2016.

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (1-hour TSP)



Air Quality Monitoring Result at Station AM2A (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m ³ /min)			Conc. (µg/m ³)	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
03-Aug-16	10:55	04-Aug-16	10:55	2.8185	2.8972	15527.59	15551.59	24	1.28	1.28	1.28	43	Cloudy	151.1	260
09-Aug-16	10:35	10-Aug-16	10:35	2.8229	2.9411	15551.59	15575.59	24	1.28	1.28	1.28	64	Sunny	151.1	260
15-Aug-16	10:54	16-Aug-16	10:54	2.8216	2.9221	15575.59	15599.59	24	1.24	1.24	1.24	56	Cloudy	151.1	260
19-Aug-16	08:18	20-Aug-16	08:18	2.809	2.8979	15599.59	15623.59	24	1.24	1.24	1.24	50	Fine	151.1	260
25-Aug-16	11:00	26-Aug-16	11:00	2.7893	2.8669	15623.59	15647.59	24	1.24	1.24	1.24	43	Sunny	151.1	260
12-Sep-16	10:55	13-Sep-16	10:55	2.8009	2.91	15647.59	15671.59	24	1.24	1.24	1.24	61	Fine	151.1	260
17-Sep-16	08:17	18-Sep-16	08:17	2.7999	2.9134	15671.59	15695.59	24	1.24	1.24	1.24	64	Sunny	151.1	260
23-Sep-16	11:04	24-Sep-16	11:04	2.8226	2.9258	15695.59	15719.59	24	1.24	1.24	1.24	58	Sunny	151.1	260
29-Sep-16	11:00	30-Sep-16	11:00	2.7828	2.8956	15719.59	15743.59	24	1.24	1.24	1.24	63	Cloudy	151.1	260
05-Oct-16	11:03	06-Oct-16	11:03	2.7953	2.9444	15743.59	15767.59	24	1.24	1.24	1.24	84	Cloudy	151.1	260
11-Oct-16	10:54	12-Oct-16	10:54	2.7973	2.9	15767.59	15791.59	24	1.24	1.24	1.24	58	Cloudy	151.1	260
17-Oct-16	11:02	18-Oct-16	11:02	2.8177	2.9152	15791.59	15815.59	24	1.25	1.25	1.25	54	Cloudy	151.1	260
22-Oct-16	08:15	23-Oct-16	08:15	2.7951	2.9068	15815.59	15839.59	24	1.25	1.25	1.25	62	Cloudy	151.1	260
27-Oct-16	10:55	28-Oct-16	10:55	2.805	2.9039	15839.59	15863.59	24	1.25	1.25	1.25	55	Sunny	151.1	260

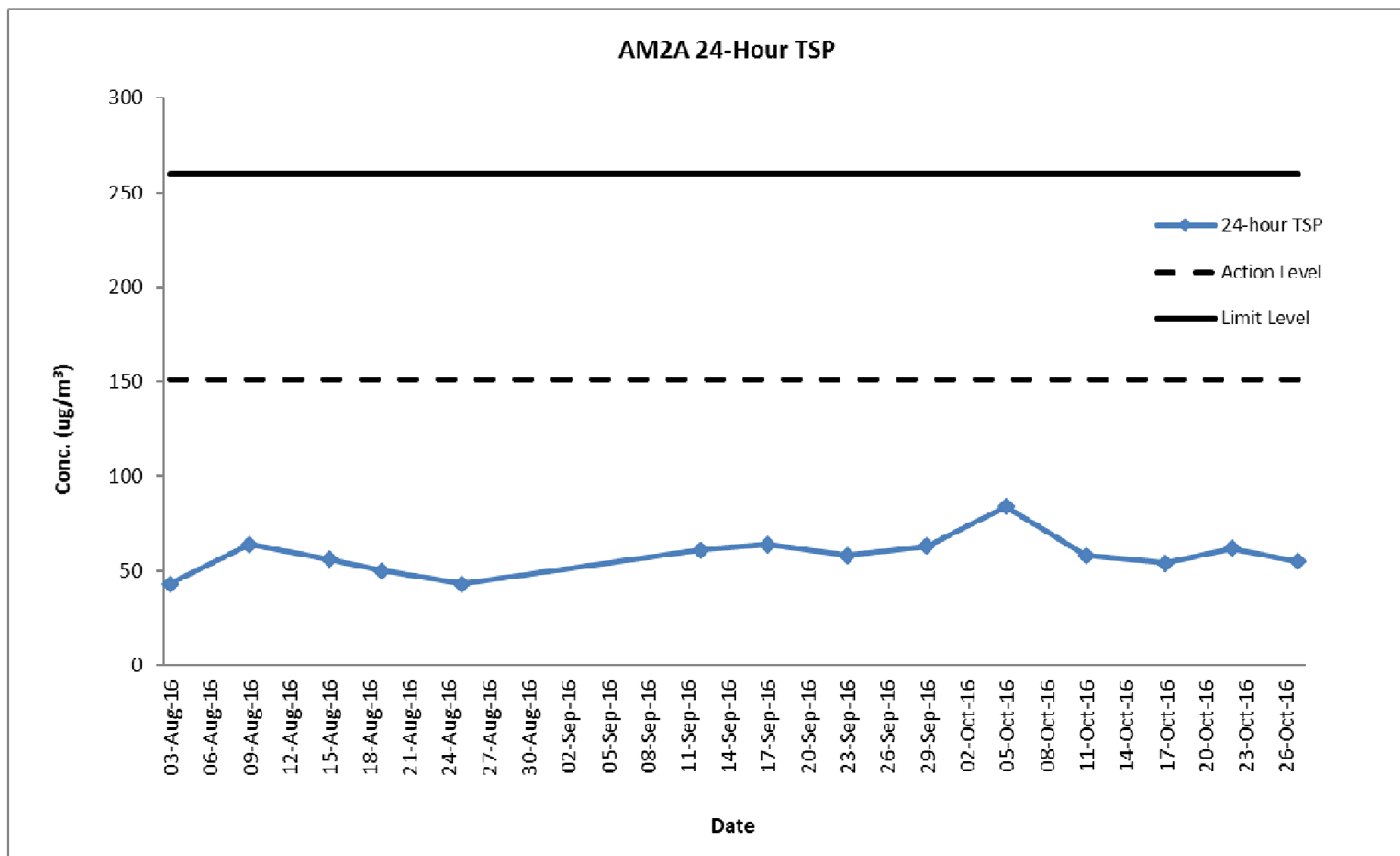
Remarks:

24-hr TSP impact monitoring was conducted at AM2 station during the reporting month of August 2016.

24-hr TSP impact monitoring has been relocated to conduct at AM2A station starting from the reporting month of September 2016.

24-hr TSP impact monitoring at AM2 station on 31 August 2016 and at AM2A station on 6 September 2016 was suspended due to electricity issue.

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (24-hour TSP)



Noise Monitoring Result at Station NM1A

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
02-Aug-16	14:00	68.7	64.1	69.2
02-Aug-16	14:05	69.0	65.0	
02-Aug-16	14:10	68.8	64.2	
02-Aug-16	14:15	67.9	63.9	
02-Aug-16	14:20	66.7	62.7	
02-Aug-16	14:25	67.9	63.4	
09-Aug-16	14:00	68.7	64.5	69.2
09-Aug-16	14:05	67.9	63.1	
09-Aug-16	14:10	67.1	63.4	
09-Aug-16	14:15	68.2	64.5	
09-Aug-16	14:20	68.8	64.2	
09-Aug-16	14:25	67.9	63.9	
15-Aug-16	14:00	68.2	63.7	68.7
15-Aug-16	14:05	67.6	63.4	
15-Aug-16	14:10	67.9	63.5	
15-Aug-16	14:15	66.8	62.9	
15-Aug-16	14:20	68.0	63.9	
15-Aug-16	14:25	67.9	63.2	
25-Aug-16	14:00	68.9	64.1	69.0
25-Aug-16	14:05	67.4	63.2	
25-Aug-16	14:10	66.7	62.9	
25-Aug-16	14:15	68.2	64.7	
25-Aug-16	14:20	67.7	63.8	
25-Aug-16	14:25	68.4	64.0	
31-Aug-16	14:00	68.4	63.1	69.1
31-Aug-16	14:05	67.9	62.9	
31-Aug-16	14:10	68.8	64.7	
31-Aug-16	14:15	68.2	63.8	
31-Aug-16	14:20	68.6	64.1	
31-Aug-16	14:25	68.1	63.3	
06-Sep-16	14:00	67.9	63.1	68.3
06-Sep-16	14:05	66.0	62.4	
06-Sep-16	14:10	67.4	63.0	
06-Sep-16	14:15	67.0	62.8	
06-Sep-16	14:20	68.2	64.1	
06-Sep-16	14:25	67.9	63.9	
12-Sep-16	14:00	68.1	64.1	69.2
12-Sep-16	14:05	67.2	63.1	
12-Sep-16	14:10	67.0	63.9	
12-Sep-16	14:15	68.7	64.0	
12-Sep-16	14:20	68.8	64.7	
12-Sep-16	14:25	67.2	63.8	

23-Sep-16	14:00	68.0	64.0	69.5
23-Sep-16	14:05	67.2	63.8	
23-Sep-16	14:10	68.4	64.5	
23-Sep-16	14:15	69.1	65.1	
23-Sep-16	14:20	68.1	64.3	
23-Sep-16	14:25	67.2	63.7	
29-Sep-16	14:00	68.0	64.1	69.3
29-Sep-16	14:05	67.7	63.3	
29-Sep-16	14:10	69.0	64.9	
29-Sep-16	14:15	67.8	63.8	
29-Sep-16	14:20	68.4	64.0	
29-Sep-16	14:25	68.8	64.5	
05-Oct-16	14:00	68.3	63.7	69.0
05-Oct-16	14:05	67.9	63.2	
05-Oct-16	14:10	68.4	63.8	
05-Oct-16	14:15	68.8	63.9	
05-Oct-16	14:20	67.5	63.4	
05-Oct-16	14:25	67.7	63.0	
11-Oct-16	14:00	67.0	63.3	69.1
11-Oct-16	14:05	68.4	64.1	
11-Oct-16	14:10	69.0	65.0	
11-Oct-16	14:15	68.4	64.4	
11-Oct-16	14:20	67.9	63.9	
11-Oct-16	14:25	68.0	64.0	
17-Oct-16	14:00	68.9	64.1	70.0
17-Oct-16	14:05	67.7	63.2	
17-Oct-16	14:10	69.0	64.1	
17-Oct-16	14:15	69.7	64.7	
17-Oct-16	14:20	68.2	64.5	
17-Oct-16	14:25	69.4	65.0	
27-Oct-16	14:00	68.0	64.0	68.7
27-Oct-16	14:05	67.9	63.7	
27-Oct-16	14:10	68.4	64.2	
27-Oct-16	14:15	67.0	62.8	
27-Oct-16	14:20	67.4	63.4	
27-Oct-16	14:25	67.9	63.7	

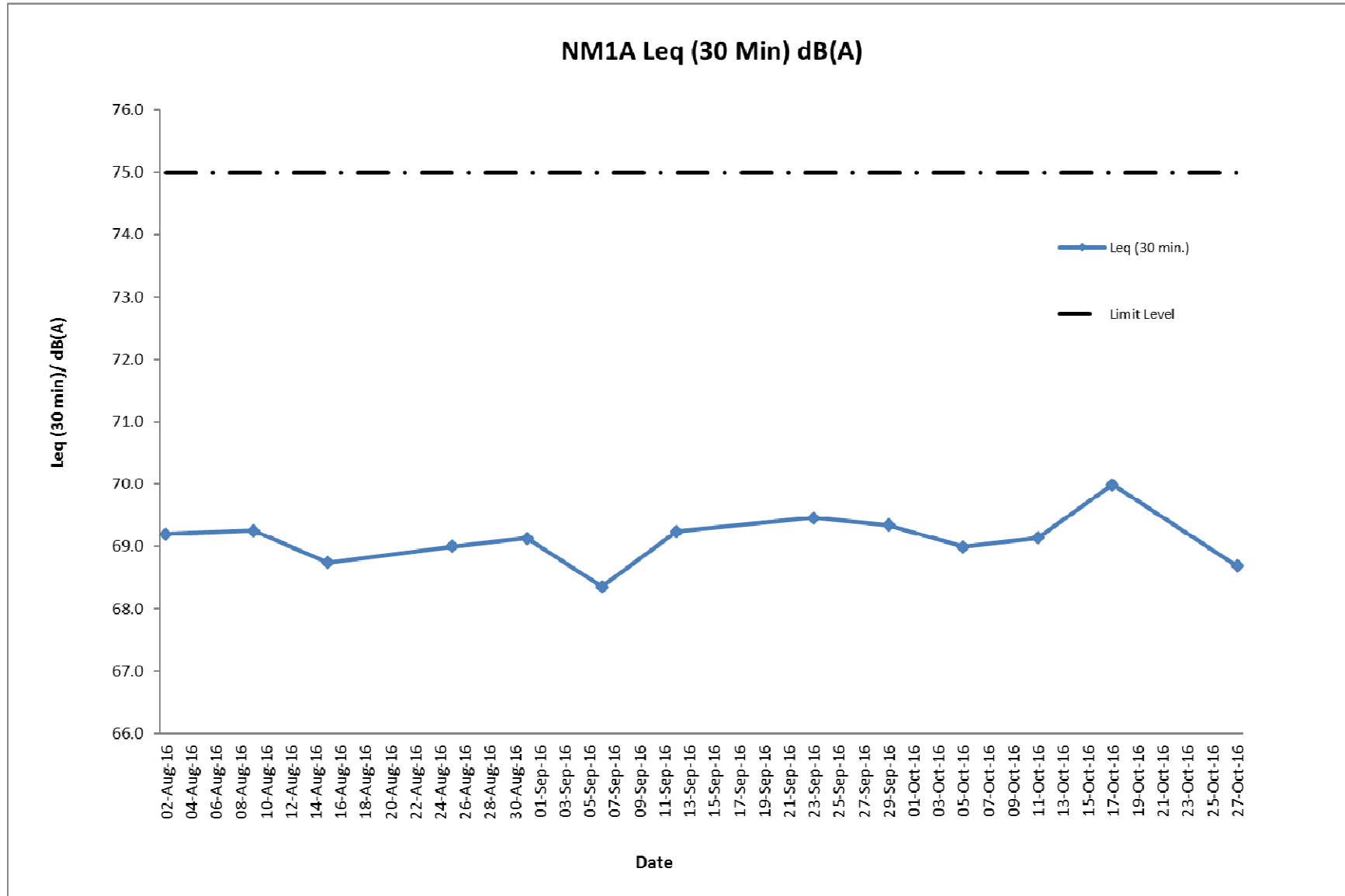
Remarks:

+3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

Graphical Presentation Noise Monitoring Result at Station NM1A



F. Waste Flow table

M+ Museum

Table F-1: Waste Flow Table for M+ Museum

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2015													
Nov	46607.4	0.0	0.0	8240.0	38367.4	0.0	0.0	76.2	0.0	0.0	0.0	0.0	67.6
Dec	29652.9	0.0	0.0	29621.4	31.5	0.0	0.0	26.3	0.0	0.0	0.0	1.0	66.0
Sub-total (2015)	76260.3	0.0	0.0	37861.4	38398.9	0.0	0.0	102.5	0.0	0.0	0.0	1.0	133.6
2016													
Jan	21077.4	0.0	6352.0	14576.0	149.4	0.0	0.0	18.8	0.0	0.0	0.0	0.0	23.2
Feb	7626.2	0.0	3424.0	4048.0	154.2	0.0	0.0	59.8	0.0	0.0	0.0	0.0	20.5
Mar	10442.5	0.0	1600.0	7888.0	954.5	0.0	0.0	29.7	0.0	0.0	0.0	0.0	46.3
Apr	30413.2	0.0	6352.0	23408.0	653.2	0.0	0.0	25.8	0.1	0.0	27.8	0.0	34.5
May	24083.5	0.0	112.0	23216.0	755.5	0.0	0.0	61.5	0.4	0.0	33.6	0.0	62.3
Jun	7880.1	0.0	4736.0	2384.0	760.1	0.0	0.0	106.6	0.1	0.0	14.6	0.0	52.8
Jul	5893.1	0.0	2656.0	2240.0	997.1	0.0	0.0	77.6	0.0	0.0	33.6	0.0	83.1
Aug	13709.6	0.0	0.0	12432.0	1277.6	0.0	0.0	111.3	0.3	0.0	38.5	0.0	104.9
Sep	6702.0	0.0	0.0	5648.0	1000.1	53.9	0.0	104.2	0.0	0.0	45.5	0.2	107.9
Oct	2103.6	0.0	0.0	496.0	1595.4	12.2	0.0	83.0	0.4	0.0	73.5	0.0	108.2
Nov													
Dec													
Sub-total (2016)	129931.1	0.0	25232.0	96336.0	8297.0	66.1	0.0	678.2	1.2	0.0	267.1	0.2	643.7
Total	206191.4	0.0	25232.0	134197.4	46695.9	66.1	0.0	780.7	1.2	0.0	267.1	1.2	777.3

Note:

-1,053.7 ton and 2,819.3 ton of inert C&D material were disposed of as public fill to Tuen Mun Area 38 and Tseung Kwan O Area 137 respectively in the reporting quarter.

-For inert C&D materials reused in other projects, the projects refer to (1) Green Valley; (2) Advance Works for Shek Wu Hui Sewage Treatment Works (3) Design and Construction of Kai Tak Cable Tunnel, CLP; (4) MTR Contract 1002 Whampoa Station and Overrun Tunnel; (5) CEDD Tuen Mun Area 54 Contract No. CV/2015/03; (6) Union Construction Ltd.'s site; (7) Foundation Works at Marriot Hotel at Ocean Park.

Lyric Theatre Complex

Table I-2: Monthly Waste Flow Table for Lyric Theatre Complex

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
2016													
Mar	2702.1	0.0	0.0	0.0	2702.1	0.0	0.0	4.5	0.1	0.0	0.0	0.0	30.6
Apr	8631.5	0.0	0.0	0.0	8631.5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	19.2
May	12487.8	0.0	0.0	0.0	12487.8	0.0	0.0	34.0	0.0	0.0	0.0	0.7	60.5
Jun	8600.8	0.0	0.0	0.0	8600.8	0.0	0.0	31.4	0.2	0.0	0.0	0.5	13.5
Jul	12624.2	0.0	0.0	0.0	12624.2	0.0	0.0	19.6	0.0	0.0	0.0	2.0	9.9
Aug	14419.9	0.0	0.0	0.0	14419.9	0.0	0.0	43.9	0.0	0.0	0.0	0.0	11.1
Sep	13671.3	0.0	0.0	0.0	13671.3	0.0	0.0	59.8	0.0	0.0	0.0	1.6	12.4
Oct	13088.9	0.0	0.0	0.0	13088.9	0.0	0.0	37.1	0.2	1.5	0.0	0.0	15.2
Nov	0.0												
Dec	0.0												
Sub-total (2016)	86226.5	0.0	0.0	0.0	86226.5	0.0	0.0	246.1	0.4	1.5	0.0	4.9	172.4
2017													
Jan	0.0												
Feb	0.0												
Mar	0.0												
Apr	0.0												
May	0.0												
Jun	0.0												
Sub-total (2017)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	86226.5	0.0	0.0	0.0	86226.5	0.0	0.0	246.1	0.4	1.5	0.0	4.9	172.4

Note:
 -10,692.2 ton and 30,487.9 ton of inert C&D material were disposed of as public fill to Tuen Mun Area 38 and Tseung Kwan O Area 137 respectively in the reporting quarter.

G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works (i.e. 31 October 2015 for M+ Museum main works and 1 March 2016 for Lyric Theatre Complex foundation works) to the end of the reporting quarter and are summarized in the in the **Table G-1** and **Table G-2** below respectively.

Table G-1: Statistics for complaints, notifications of summons and successful prosecutions for M+ Museum Main Works

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting quarter	0	0	0
From 31 October 2015 to end of the reporting quarter	3	0	0

Table G-2: Statistics for complaints, notifications of summons and successful prosecutions for Lyric Theatre Complex Foundation Works

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting quarter	0	0	0
From 1 March 2016 to end of the reporting month	2	0	0