

Development at West Kowloon Cultural District

Monthly Environmental Monitoring and Audit (EM&A) Report for February 2018

March 2018

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

Certified by:

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

Date

13.3.2018

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Date

13 Mar 2018

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Executive Summary

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 including the Foundation Works (Contract No.: CC/2015/3A/014) and L1 Contract (Contract No. CC/2017/3A/030) 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.

This Monthly EM&A Report presents the monitoring works at both the main works of M+ Museum and Lyric Theatre Complex conducted from 1 February to 28 February 2018.

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 month.

Implementation of Mitigation Measures

Construction phase weekly site inspections were carried out on 1, 8, 13 and 23 February 2018 for M+ Museum and 7, 14, 21, and 28 February 2018 for Lyric Theatre Complex to confirm the implementation measures undertaken by the Contractors in the reporting month. The outcomes are presented in Section 4 and the status of implementation of mitigation measures in the site is shown in **Appendix J**.

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

Record of Complaints

No environmental complaints were recorded in the reporting month.

Record of Notification of Summons and Successful Prosecutions

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

Future Key Issues

The major site works at M+ Museum scheduled to be commissioned in the coming month include:

- M+ Main Works (Podium) construction of
 - B1/F Columns & Walls to G/F Slab
 - G/F Columns & Walls to 1/F & 1M/F Slab

- 1/F Columns & Walls to 2/F Slab
- 2/F Columns & Walls 3/F Slab
- M+ Building Construction (Tower) for M1, M2 & M3
- RDE Building Construction (Tower) of Zone A & B
- CSF Building Construction (Tower) of Zone A & B
- External Works for Seawater Outfall Pipe & DCS Chiller Pipes

The major site works for Lyric Theatre Complex scheduled to be commissioned in the coming month include:

- Excavation and lateral support works at area L06 and main cofferdam;
- Construction steel platform;
- Operation of barge; and
- Prepare PIW works.

Potential environmental impacts due to the construction activities, including air quality, noise, water quality, waste, landscape and visual, will be monitored or reviewed. The recommended environmental mitigation measures shall be implemented on site and regular inspections as required will be carried out to ensure that the environmental conditions are acceptable.

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 including the Foundation Works (Contract No.: CC/2015/3A/014) and L1 Contract (Contract No. CC/2017/3A/030) 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, semitransparent 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 Monthly EM&A Report is prepared in accordance with the Condition 3.4 of the Environmental Permit No. EP-453/2013/B. This Monthly EM&A Report presents the monitoring works at both the main works of M+ Museum and Lyric Theatre Complex conducted from 1 February to 28 February 2018. 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:

 M+ Construction Main Works of walls & columns, external walls, slab and beam construction on B1/F, G/F, 1/F to 1M/F, 2/F, 3/F, 4/F to 5/F

- RDE building construction of column, walls and beams from 1/F to 4/F
- CSF building construction of columns, walls and beams from 3/F to 4/F slab
- External works for seawater outfall pipe and DCS chiller pipe

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

- King post installation; and
- Excavation and lateral support works at area L06

The Construction Works Programmes of M+ Museum and Lyric Theatre Complex are provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**. Please refer to **Table 4.3** on the status of the environmental licenses.

1.4 Summary of EM&A Requirements

The EM&A programme requires environmental monitoring of air quality, noise, landscape and visual as specified in the approved EM&A Manual.

A summary of impact EM&A requirements is presented in **Table 1.1**.

Table 1.1: Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies
Air Quality	24-Hour TSP	AM1 - International Commerce Centre	At least once every 6 days
	1-Hour TSP	AM1 - International Commerce Centre	At least 3 times every 6 days
	24-Hour TSP	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least once every 6 days
	1-Hour TSP	AM2A – Austin Road West opposite to The Harbourside Tower 1	At least 3 times every 6 days
Noise	Leq, 30 minutes	NM1A- Podium level of The Harbourside Tower 1	Weekly
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

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 and NM1 were set up. Other monitoring locations are too far away (i.e. AM3 to AM5 and NM2 to NM5) are not included in this EM&A programme until the construction of the corresponding area commences.

The Harbourside management office formally rejected our proposal of setting up air quality and noise monitoring equipment on its premises at the podium level of Tower 1 (AM2/NM1) on 10 November 2015. Alternative noise monitoring location was identified at The Arch (NM2), however The Arch management office formally rejected our proposal of setting up noise monitoring equipment on its premises on 23 November 2015. Nevertheless, suitable air quality monitoring location at AM2 was identified on the ground floor in front of The Harbourside Tower 1, which is at the same location as that of baseline monitoring for consistency. No management approval is required at the ground floor for conducting the air monitoring. 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. Noise monitoring at G/F of Harbourside will not be

representative. 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.

The Environmental Quality Performance Limits for air quality and noise are shown in Appendix C.

The Event and Action Plan for air quality, construction noise. landscape and visual are shown in **Appendix D**.

The EM&A programme followed the recommended mitigation measures in the EM&A Manual. The EM&A requirements as well as the summary of implementation status of the environmental mitigation measures are provided in **Appendix J**.

2 Impact Monitoring Methodology

2.1 Introduction

For air quality and noise, the monitoring methodology, including the monitoring locations, monitoring equipment used, monitoring parameters, and frequency and duration etc., for air quality and noise are detailed in this Section. The environmental monitoring schedules for the reporting period and the tentative monitoring Schedule for the coming month are provided in **Appendix E**.

For landscape and audit impact, the relevant EM&A monitoring requirements and details are also presented in this Section.

2.2 Air Quality

2.2.1 Monitoring Parameters, Frequency and Duration

Table 2.1 summarizes the monitoring parameters, frequency and duration of the TSP monitoring.

Table 2.1: Air Quality Monitoring Parameters, Frequency and Duratio

Parameter	Frequency	Duration
24-hour TSP	At least once in every six-days	24 hours
1-hour TSP	At least 3 times every six-days	60 minutes

2.2.2 Monitoring Locations

Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring stations AM1 and AM2A were set up at the proposed locations in accordance with updated EM&A Manual. Location of the monitoring station is given in **Table 2.2** and shown in **Figure 1**.

Table 2.2: Air Quality Monitoring Station

Monitoring Station	Location
AM1	International Commerce Centre (ICC)
AM2A	Austin Road West opposite to The Harbourside Tower 1

2.2.3 Monitoring Equipment

Continuous 24-hour TSP air quality monitoring was conducted using High Volume Sampler (HVS) (Model: TE-5170) located at the designated monitoring station. The HVS meets all the requirements stated in of the EM&A Manual. Portable direct reading dust meter was used to carry out the 1-hour TSP monitoring. **Table 2.3** summarizes the equipment used in the impact air quality monitoring. Copies of the calibration certificates for the HVS, calibration kit and portable dust meters are attached in **Appendix F**.

Table 2.3:	TSP Monitoring Equipment
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Equipment	Model		
24-hour TSP monitoring			
High Volume Sampler	TE-5170 (Serial No.: 0767 and 8919)		
Calibrator	TE-5025A (Orifice I.D.: 2454)		
1-hour TSP monitoring			
Portable direct reading dust meter	Sibata LD-3B (Serial No.: 245833 and 276015)		

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Calibration of the HVS (five point calibration) using Calibration Kit was carried out every two months. The HVS calibration orifice will be calibrated annually. Calibration certificate of the TE-5025A Calibration Kit and the HVS are provided in **Appendix F**

The 1-hour TSP monitoring should be determined periodically (e.g. annually) by the HVS to check the validity and accuracy of the results measured by direct reading method.

2.2.4 Monitoring Methodology

24-hour TSP Monitoring

Installation

The HVS was installed at the site boundary. The following criteria were considered in the installation of the HVS.

- A horizontal platform with appropriate support to secure the sampler against gusty wind was provided.
- The distance between the HVS and any obstacles, such as buildings, was at least twice the height that the obstacle protrudes above the HVS.
- A minimum of 2 metres separation from walls, parapets and penthouse was required for rooftop sampler.
- A minimum of 2 metres separation from any supporting structure, measured horizontally was required.
- No furnace or incinerator flues or building vent were nearby.
- Airflow around the sampler was unrestricted.
- The sampler has been more than 20 metres from any drip line.
- Permission was obtained to set up the sampler and to obtain access to the monitoring station.
- A secured supply of electricity is needed to operate the sampler.

Preparation of Filter Papers

- Glass fibre filters were labelled and sufficient filters that were clean and without pinholes were selected.
- The filters used are specified to have a minimum collection efficiency of 99 percent for 0.3 μm (DOP) particles.
- All filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25 °C and not variable by more than ±3 °C with relative humidity (RH) < 50% and was not variable by more than ±5 %. A convenient working RH was 40%. All preparation of filters was done by Hong Kong Laboratory Accreditation Scheme (HOKLAS) accredited laboratory.

Field Monitoring Procedures

- The power supply was checked to ensure the HVS works properly.
- The filter holder and the area surrounding the filter were cleaned.
- The filter holder was removed by loosening the four bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully.
- The filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter.
- The swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges.
- The shelter lid was closed and was secured with the aluminium strip.
- The HVS was warmed-up for about 5 minutes to establish run-temperature conditions.
- A new flow rate record sheet was set into the flow recorder.
- The flow rate of the HVS was checked and adjusted at around 1.3 m³/min. The range specified in the EM&A Manual was between 0.6-1.7 m³/min.

- The programmable timer was set for a sampling period of 24 hours, and the starting time, weather condition and the filter number were recorded.
- The initial elapsed time was recorded.
- At the end of sampling, the sampled filter was removed carefully and folded in half length so that only surfaces with collected particulate matter were in contact.
- It was then placed in a clean plastic envelope and sealed.
- All monitoring information was recorded on a standard data sheet.
- Filters were sent to a Hong Kong Laboratory Accreditation Scheme (HOKLAS) accredited laboratory for analysis.

Maintenance and Calibration

- The HVS and its accessories are maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.
- HVSs were calibrated upon installation and thereafter at bi-monthly intervals. The calibration kits were calibrated annually.
- Calibration records for HVS and calibration kit are shown in Appendix F.

1-hour TSP Monitoring

Field Monitoring

The measuring procedures of the 1-hour dust meter are in accordance with the Manufacturer's Instruction Manual as follows:

- Turn the power on.
- Close the air collecting opening cover.
- Push the "TIME SETTING" switch to [BG].
- Push "START/STOP" switch to perform background measurement for 6 seconds.
- Turn the knob at SENSI ADJ position to insert the light scattering plate.
- Leave the equipment for 1 minute upon "SPAN CHECK" is indicated in the display.
- Push "START/STOP" switch to perform automatic sensitivity adjustment. This measurement takes 1 minute.
- Pull out the knob and return it to MEASURE position.
- Setting time period of 1 hour for the 1-hour TSP measurement.
- Push "START/STOP" to start the 1-hour TSP measurement.
- Regular checking of the time period setting to ensure monitoring time of 1 hour.

Maintenance and Calibration

- The 1-hour dust meter would be checked at 3-month intervals and calibrated at 1-year intervals throughout all stages of the air quality monitoring.
- Calibration records for direct dust meters are shown in Appendix F.

Weather Condition

 Meteorological data extracted from Hong Kong Observatory for the reporting month is provided in Appendix H.

2.3 Noise

2.3.1 Monitoring Parameters, Frequency and Duration

Table 2.4 summarizes the monitoring parameters, frequency and duration of noise monitoring. The noise in A-weighted levels L_{eq} , L_{10} and L_{90} are recorded in a 30-minute interval between 0700 and 1900 hours.

Table 2.4: Noise Monitoring Parameters, Period and Frequency

Time Period	Parameters	Frequency
Daytime on normal weekdays	L _{eq} (30 min), L ₉₀ (30 min) & L ₁₀ (30 min)	Once every week
(0700-1900 hours)		

2.3.2 Monitoring Location

Currently, the works under the captioned project are confined in the western part of the WKCD site. Therefore, only the monitoring station NM1A was set up at the proposed location in accordance with updated EM&A Manual. Location of the monitoring station is given in **Table 2.5** and shown in **Figure 1**.

Table 2.5: Noise Monitoring Station

Monitoring Station	Location
NM1A	Podium floor of International Commerce Centre (ICC)

2.3.3 Monitoring Equipment

Integrating Sound Level Meter was used for noise monitoring. It was a Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level (L_{Aeq}) and percentile sound pressure level (L_x). They comply with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). **Table 2.6** summarizes the noise monitoring equipment model being used.

Table 2.6: Noise Monitoring Equipments

Monitoring Station	Equipment Model		
	Integrating Sound Level Meter	Calibrator	
NM1A	Rion NL-18 (Serial No.00360030)	Rion NC-73 (Serial No.10486660)	

2.3.4 Monitoring Methodology

Field Monitoring

- The microphone of the Sound Level Meter was set at least 1.2 m above the ground.
- Free Field measurement was made at the monitoring locations.
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
 - frequency weighting: A
 - time weighting: Fast
 - time measurement: 30 minutes intervals (between 0700-1900 on normal weekdays)
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1 kHz. If the difference in the calibration level before and after measurement was more than 1 dB, the measurement would be considered invalid and has to be repeated after recalibration or repair of the equipment.
- During the monitoring period, the L_{eq}, L₁₀ and L₉₀ were recorded. In addition, any site observations and noise sources were recorded on a standard record sheet.
- A correction of +3dB(A) was made to the free field measurements.

Maintenance and Calibration

 The microphone head of the sound level meter and calibrator is cleaned with soft cloth at quarterly intervals.

- The sound level meter and calibrator are sent to the supplier or HOKLAS laboratory to check and calibrate at yearly intervals.
- Calibration records are shown in Appendix F.

Weather Condition

 Meteorological data extracted from Hong Kong Observatory for the reporting month is provided in Appendix H.

2.4 Landscape and Visual

2.4.1 Monitoring Program

Table 2.7 details the monitoring program (as proposed in the WKCD EIA report) for landscape and visual impact during the construction phase.

Table 2.7: Monitoring Program for Landscape and Visual Impact during Construction Phase

Stage	Monitoring Task	I	Frequency	Report	Approval
Construction	Monitor implementation o mitigation measures d construction stage.		Bi-weekly	ET to report on Contractor's compliance	Counter-signed by IEC

During the landscape and visual impact monitoring, any changes in relation to the landscape and visual amenity should be monitored with reference to the baseline conditions of the site. In addition, mitigation measures were proposed in the WKCD EIA report to minimise the landscape and visual impacts during the construction phase. The proposed mitigation measures as shown in Table 9.1 and Table 9.2 of the EM&A Manual should be checked for proper implementation.

Monitoring Results 3

3.1 **Impact Monitoring**

Construction impact monitoring for air quality, noise and landscape and visual impact was undertaken in compliance with the EM&A Manual during the reporting month.

3.2 **Air Quality Monitoring**

3.2.1 **1-hour TSP**

Results of 1-hour TSP at the monitoring location AM1 and AM2A are summarised in Table 3.1. Graphical plots of the monitoring results are shown in Appendix G.

Table 3.1:	Summary of 1-hour TSP monitoring results

Monitoring Station	Monitoring Date	Start	1-ho	1-hour TSP (µg/m³)		Range Action		Limit
		Time	1st Result	2nd Result	3rd Result	(µg/m³)	Level (µg/m³)	Level (µg/m³)
	01-Feb-18	10:50	75	83	91	- - 41-91 -		
	07-Feb-18	10:52	62	49	55			500
A N 1	13-Feb-18	10:47	49	55	56		273.7	
AM1	15-Feb-18	7:50	71	68	66			
	21-Feb-18	10:52	77	84	91			
	26-Jan-18	10:32	41	48	50			
	01-Feb-18	11:02	77	87	96	_	274.2	500
	07-Feb-18	11:04	101	92	90			
AM2A	13-Feb-18	11:02	69	78	71	E0 101		
	15-Feb-18	8:02	91	81	70	- 59-101 -		
	21-Feb-18	11:04	79	86	93			
	26-Feb-18	10:46	64	61	59	_		

3.2.2 24-hour TSP

Results of 24-hour TSP at the monitoring location AM1 and AM2A are summarised in Table 3.2. Graphical plots of the monitoring results are shown in Appendix G.

Table 3.2:	Summary of 24-nour TSP monitoring results					
Monitoring Station	Monitoring Date	Start Time	Monitoring Results (μg/m3)	Range (µg/m3)	Action Level (µg/m3)	Limit Level (µg/m3)
	01-Feb-18	14:40	39			
	07-Feb-18	10:50	43	-		
AM1	13-Feb-18	10:45	38	24.42	142.6	260
	15-Feb-18	07:48	43	34-43	143.6	260
	21-Feb-18	10:50	41	_		
	26-Jan-18	10:30	34	_		
	01-Feb-18	11:00	88			
AM2A	07-Feb-18	11:02	85	54-98	151.1	260
	13-Feb-18	11:00	79	-		

Table 3.2 Summary of 24-hour TSP monitoring results

Monitoring Station	Monitoring Date	Start Time	Monitoring Results (μg/m3)	Range (µg/m3)	Action Level (µg/m3)	Limit Level (µg/m3)
	15-Feb-18	08:00	54			
	21-Feb-18	11:02	98	_		
	26-Feb-18	10:44	69	-		

No exceedance of 1-hour and 24-hour TSP (Action or Limit Level) was recorded in the reporting period.

3.3 **Noise Monitoring**

The construction noise monitoring results at the monitoring location NM1A are summarized in Table 3.3. Graphical plots of the monitoring data and the station set-up of a free-field measurement are shown in Appendix G.

Monitoring Date	Start Time	End Time	Leq (30 mins), dB(A)	Limit Level for Leq (dB(A))
01-Feb-18	14:00	14:30	70	
07-Feb-18	14:00	14:30	67	-
13-Feb-18	14:00	14:30	68	75
21-Feb-18	14:00	14:30	68	-
26-Feb-18	14:00	14:30	68	-

Table 5.5. Outliniary of holder monitoring results during normal weekdays	Table 3.3:	Summary of noise monitorin	g results during normal weekdays
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Remarks:

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

No exceedance (Action/Limit Level) of construction noise was recorded in the reporting period as no noise related environmental complaint was received during the reporting period and noise levels recorded during the monitoring period were below 75 dB(A).

Construction works were extended to holidays on 4, 11, 18 and 25 February 2018. In accordance with the EM&A Manual, additional monitoring was carried out during the restricted hours on 4, 11, 18 and 25 February 2018. All the Leq (5 mins) is in the range of 59-61 dB(A). Major noise source includes traffic. Construction Noise Permits for the works carried out during restricted hours were obtained and listed in Table 4.3.

3.4 Landscape and Visual Impact

Landscape and visual impact inspections were conducted as part of the weekly site inspections on 1 and 13 February 2018 for M+ Museum and 14 and 28 February 2018 for Lyric Theatre Complex during the reporting month. As reviewed by the registered Landscape Architect, no adverse comment on landscape and visual aspects was made during these inspections.

The landscape and visual mitigation measures were implemented during the reporting period. The summary of implementation status of the environmental mitigation measures are provided in Appendix J.

Environmental Site Inspection 4

4.1 **Site Inspection**

4.1.1 **M+ Museum**

Construction phase weekly site inspections were carried out on 1, 8, 13 and 23 February 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 23 February 2018. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary. The key observations from the site inspections and associated recommendations are summarized in Table 4.1.

	-	•		
Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
1 Feb 2018	Air quality	Cement bags at B2 were found without proper cover. The contractor was reminded to cover them with impervious sheeting to reduce dust impact.	The contractor has covered the cement bags at B2 with impervious sheeting.	6 Feb 2018
1 Feb 2018	Water quality	Effluent quality at wetsep no. 4 was checked. It was found visually clear when comparing with standard solution and within proper pH range. The contractor was reminded to provide maintenance log book and drainage layout plan for wetsep no.1 and 2.	The contractor has provided maintenance record and drainage layout plan for wetsep no.1 and 2.	8 Feb 2018
8 Feb 2018	Water quality	The pH of wetsep no.2 was found marginally higher than 9. Though wetsep no. 2 was not in use, the contractor was reminded to check the pH sensor to ensure its proper function.	The contractor has checked wetsep no.2 and the pH level was found within proper range.	12 Feb 2018
8 Feb 2018	Air quality	Cement bags at B2 were found only partially covered by impervious sheeting. The contractor was reminded to well cover all cement bags with impervious sheeting to reduce dust impact.	The contractor has covered the cement bags at B2 with impervious sheeting.	12 Feb 2018
8 Feb 2018	Water quality	Effluent quality at wetsep no. 1 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A
13 Feb 2018	Waste management	A chemical container was found without drip tray at CSF G/F. The contractor was reminded to provide drip tray for the chemical or remove it if not in use.	The contractor has removed the chemical container previously found without drip tray.	21 Feb 2018
13 Feb 2018	Air quality	Cement bags were found without proper cover at B1. The contractor was reminded to well cover it with impervious sheeting to reduce dust impact.	The contractor has removed the cement bags at B1.	21 Feb 2018
13 Feb 2018	Water quality	Effluent quality of wetsep no.1 was checked. It was found visually clear when comparing	N/A	N/A

Table 4.1: Summary of Site Inspections and Recommendations for M+ Museum

^{363512 | 05/02 | 1 |} March 2018 \\mottmac\Project\Hong Kong\ENL\PROJECTS\363512 WKCD M+ Superstructure\05 Deliverables\02 Monthly EM&A Report\(28) Monthly EM&A Report for Feb 2018\Rev.1\Monthly EM&A Report for Feb 2018_v1.docx

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
		with standard solution and within proper pH range.		
23 Feb 2018	Air quality	Uncovered cement bags were found at B2. The contractor was reminded to well cover them with imperious sheeting to reduce dust impact.	The cement bags at B2 were covered with imperious sheeting.	27 Feb 2018
23 Feb 2018	Waste management	Chemical containers were found without drip tray at B2. The contractor was reminded to provide drip tray for the chemical containers or remove them if not in use.	The chemical containers at B2 were removed.	27 Feb 2018
23 Feb 2018	Water quality	Effluent quality of wetsep no.1 was checked. They were found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A

4.1.2 Lyric Theatre Complex

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Construction phase weekly site inspections were carried out on 7, 14, 21, and 28 February 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 14 February 2018. All observations have been recorded in the site inspection checklist and passed to the Contractor together with the appropriate recommended mitigation measures where necessary.

The key observations from the site inspections and associated recommendations are summarized in **Table 4.2**.

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
31 Jan 2018	Water quality	Turbid water at wetsep. The Contract was reminded to clear the turbid substance to keep good quality of discharge water.	Turbid substance was cleared to keep good quality of discharge water.	1 Feb 2018
14 Feb 2018	Air quality	Dry haul road was observed near car park. The Contractor was reminded to increase water spraying frequency to avoid dust impact.	Water spraying frequency had been increased to avoid dust impact.	20 Feb 2018
14 Feb 2018	Water quality	The Contractor was reminded to enhance the bunding along the seafront to prevent potential muddy runoff.	Bunding along the seafront was enhanced to prevent potential muddy runoff.	20 Feb 2018
28 Feb 2018	Water quality	No net was observed at the new Wetsep. The Contractor was reminded to install a net at the outlet of Wetsep in order to screen the suspended object if any.	Follow-up status will be provided in the next reporting month.	On-going

Table 4.2: Summary of Site Inspections and Recommendations for Lyric Theatre Complex

4.2 Advice on the Solid and Liquid Waste Management Status

The Contractors have been registered as a chemical waste producer for the Project. Construction and demolition (C&D) material sorting will be carried out on site. A sufficient number of receptacles were available for general refuse collection.

4.2.1 M+ Museum

As advised by the Contractor, 43.01 tonnes, 77.23 tonnes and 488.05 tonnes of inert C&D material were disposed of as public fill to Chai Wan Public Fill Barging Point, Tuen Mun Area 38 and Tseung

363512 | 05/02 | 1 | March 2018 \\mottmac\Project\Hong Kong\ENL\PROJECTS\363512 WKCD M+ Superstructure\05 Deliverables\02 Monthly EM&A Report\(28) Monthly EM&A Report for Feb 2018\Rev.1\Monthly EM&A Report for Feb 2018_v1.docx Kwan O Area 137 Public Fill respectively, while 154.9 tonnes of general refuse were disposed of at SENT landfill. 34.0 tonnes of metals, 1.0 tonne of paper/cardboard packaging, 0 tonne of plastic and 100.0 tonnes of timber were collected by recycling contractors in the reporting month. 0 tonne of inert C&D materials was reused on site. 0 tonne of inert C&D materials were reused in other projects and 239.3 tonnes of inert C&D materials were disposed to sorting facility. 0 tonne of chemical waste was collected by licensed contractors in the reporting period.

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

4.2.2 Lyric Theatre Complex

As advised by the Contractor, no inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38, while 1.5 tonnes of general refuse were disposed of at SENT landfill. 0 tonne of metals, 0 tonne of paper/cardboard packaging, 0 tonne of plastic and 0 tonne of timber were collected by recycling contractors in the reporting month. 0 tonne of inert C&D materials was reused on site. 0 tonnes of inert C&D materials were reused in other projects and 0 tonne of inert C&D materials were disposed to sorting facility. 0 tonne of chemical waste was collected by licensed contractors in the reporting period.

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

4.3 Status of Environmental Licenses and Permits

The environmental permits, licenses, and/or notifications on environmental protection for this Project which were valid during the period are summarised in **Table 4.3-4.4**.

4.3.1 M+ Museum

Permit / License	Valid	Period	Status	Remarks
No. / Notification / Reference No.	From	om To		
Chemical Waste Produ	cer Registration			
5213-217-H2913-45	05-Nov-15		Valid	
Billing Account Constr	uction Waste Dispos	al		
7023393	13-Oct-15		Account Active	
Construction Noise Per	rmit			
GW-RE0999-17	2-Jan-18	1-Apr-18	Valid	
Wastewater Discharge	License			
WT00023633-2016	4-Mar-16	31-Mar-21	Valid	
Notification under Air F	Pollution Control (Co	nstruction Dust) Regu	Ilation	
394083	7-Oct-15		Notified	

Table 4.3: Status of Environmental Submissions, Licenses and Permits for M+ Museum

4.3.2 Lyric Theatre Complex

Table 4.4: Status of Environmental Submissions, Licenses and Permits for Lyric Theatre Complex Status of Environmental Submissions, Licenses and Permits for Lyric Theatre

Permit / License	Valid	Period	Status	Remarks
No. / Notification / Reference No.	From	То		
Chemical Waste Produ	cer Registration			
5213-217-G2347-39	17-Feb-16		Valid	
Billing Account Constr	uction Waste Dispos	al		
7029925	22-Jan-18		Account Active	
Construction Noise Per	rmit			
GW-RE0844-17	14-Nov-17	13-May-18	Valid	
Wastewater Discharge	License			
WT00023648-2016	24-Jul-17	31-Mar-21	Valid	
Notification under Air F	Pollution Control (Co	nstruction Dust) Regu	Ilation	
429708	16-Jan-18		Notified	

4.4 Recommended Mitigation Measures

The EM&A programme followed the recommended mitigation measures in the EM&A Manual. The EM&A requirements as well as the summary of implementation status of the environmental mitigation measures are provided in **Appendix J**. In particular, the following mitigation measures were brought to attention during the site inspections:

4.4.1 **M+ Museum**

Chemical and Waste Management

 Oil drums and chemical containers should be provided with drip trays to prevent leakage of chemical wastes.

Air Quality

- Maintain high standard of housekeeping to prevent emission of fugitive dust.
- Stockpile of dusty materials/ cement bags should be well covered by impervious sheeting to reduce dust impact.

Water Quality

- Regular checking of pH sensor should be conducted for all wetsep units, so as to ensure the treatment performance of the wetsep units.
- Provide maintenance log book and drainage layout plan for all wetsep units for easier checking

4.4.2 Lyric Theatre Complex

Air Quality

- Regular water spraying for haul roads should be provided for dust suppression.

Water Quality

Regular maintenance should be provided to all wetsep units, including installation of a net outlet, so as to ensure the treatment performance of the wetsep units.
 Cannels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities.

5 Compliance with Environmental Permit

The status of the required submission under the EP during the reporting period is summarized in **Table 5.1**.

Table 5.1: Status of Submissions under the Environmental Permit

EP Condition	Submission	Submission Date
Condition 3.4	Monthly EM&A Report for January 2018	14 February 2018

6 Report in Non-compliance, Complaints, Notification of Summons and Successful Prosecutions

6.1 Record on Non-compliance of Action and Limit Levels

There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting month.

6.2 Record on Environmental Complaints Received

No environmental complaints were recorded in the reporting month. The cumulative statistics on complaints were provided in **Appendix K**.

6.3 Record on Notifications of Summons and Successful Prosecution

No notifications of summons or successful prosecution were received this month. The cumulative statistics on notifications of summons and successful prosecutions were provided in **Appendix K**.

7 Future Key Issues

7.1 Construction Works for the Coming Month(s)

7.1.1 M+ Museum

The major site works scheduled to be commissioned in the coming month include:

- M+ Main Works (Podium) construction of
 - B1/F Columns & Walls to G/F Slab
 - G/F Columns & Walls to 1/F & 1M/F Slab
 - 1/F Columns & Walls to 2/F Slab
 - 2/F Columns & Walls 3/F Slab
 - M+ Building Construction (Tower) for M1, M2 & M3
 - RDE Building Construction (Tower) of Zone A & B
 - CSF Building Construction (Tower) of Zone A & B
 - External Works for Seawater Outfall Pipe & DCS Chiller Pipes

7.1.2 Lyric Theatre Complex

The major site works for Lyric Theatre Complex scheduled to be commissioned in the coming month include:

- Excavation and lateral support works at area L06 and main cofferdam;
- Construction steel platform;
- Operation of barge; and
- Prepare PIW works.

7.2 Key Issues for the Coming Month

7.2.1 M+ Museum

Key issues to be considered in the coming month include:

- Generation of dust from construction works;
- Noise impact from operating equipment and machinery on-site;
- Generation of site surface runoffs and wastewater from activities on-site;
- Management of stockpiles and slopes, particularly on rainy days;
- Sorting, recycling, storage and disposal of general refuse and construction waste; and
- Management of chemicals and avoidance of oil spillage on-site.

7.2.2 Lyric Theatre Complex

Key issues to be considered in the coming month include:

- Generation of dust from construction works;
- Noise impact from operating equipment and machinery on-site;
- Generation of site surface runoffs and wastewater from activities on-site;
- Management of stockpiles and slopes, particularly on rainy days;
- Sorting, recycling, storage and disposal of general refuse and construction waste; and
- Management of chemicals and avoidance of oil spillage on-site.

7.3 Monitoring Schedule for the Coming Month

The environmental site inspection and environmental monitoring will be continued in the coming month. Impact monitoring for air quality and noise in accordance with the approved EM&A Manual has commenced since 31 October 2015 and 5 March 2016 respectively. The tentative monitoring schedule for the coming month is shown in the **Appendix E**.

8 Conclusions and Recommendations

8.1 Conclusions

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

Monitoring of air quality and noise with respect to the Projects 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 month.

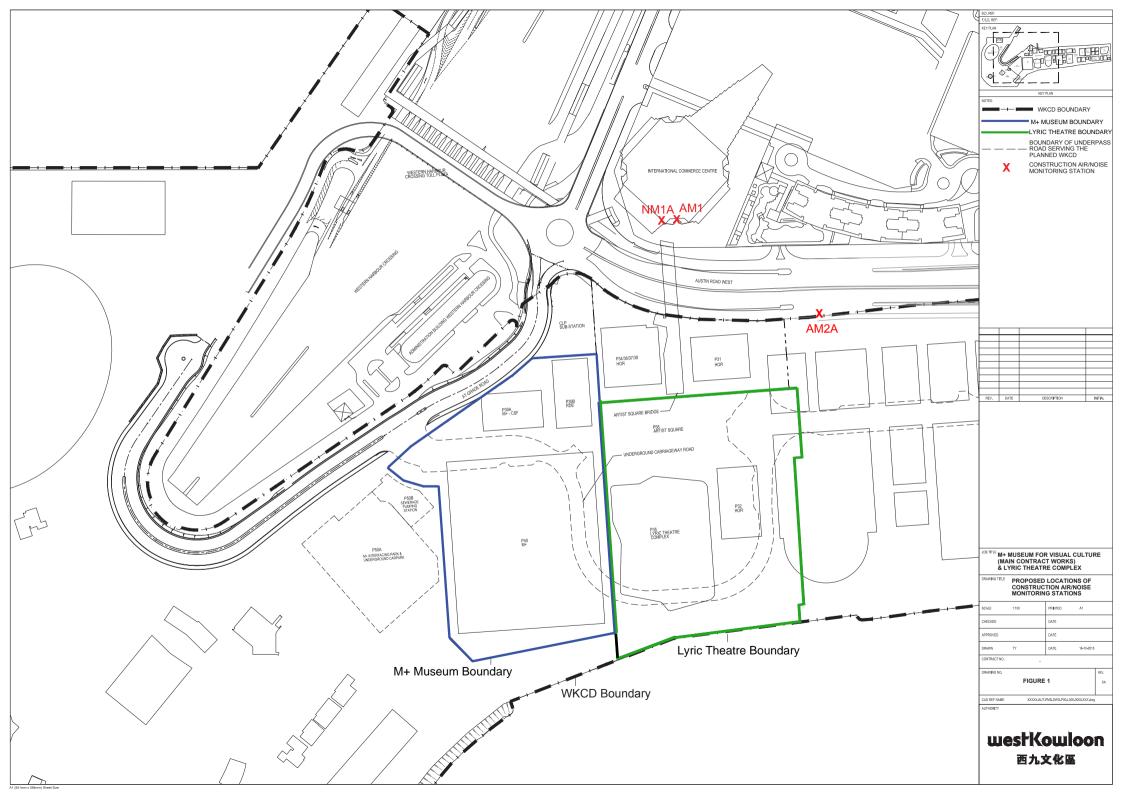
No environmental complaints were recorded in the reporting month. No notifications of summons or successful prosecution were received during the reporting month.

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

8.2 Recommendations

Potential environmental impacts due to the construction activities, including air quality, noise, water quality, waste, landscape and visual, will be monitored or reviewed. The recommended environmental mitigation measures shall be implemented on site and regular inspections as required will be carried out to ensure that the environmental conditions are acceptable.

Figure 1 Site Layout Plan and Monitoring Stations



Appendices

- A. Project Organisation
- B. Tentative Construction Programme
- C. Action and Limit Levels for Construction Phase
- D. Event and Action Plan for Air Quality, Noise, Landscape and Visual Impact
- E. Monitoring Schedule
- F. Calibration Certifications
- G. Graphical Plots of the Monitoring Results
- H. Meteorological Data Extracted from Hong Kong Observatory
- I. Waste Flow table
- J. Environmental Mitigation Measures Implementation Status
- K. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

A. Project Organisation

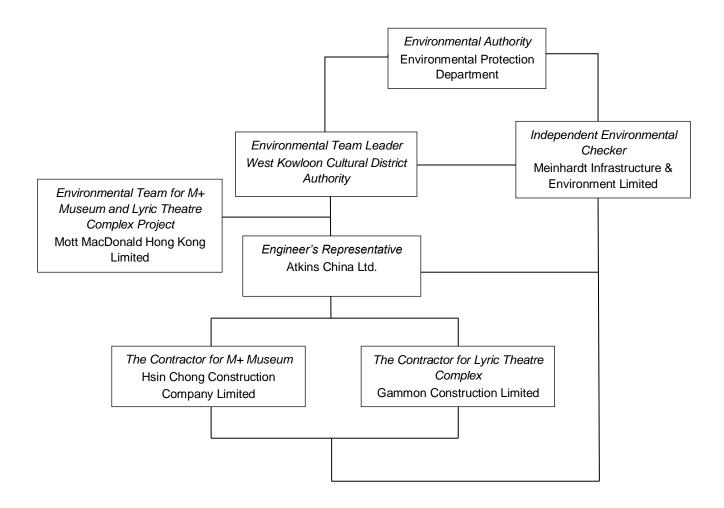


Table A-1: Contact information

Company Name	Role	Name	Telephone
Atkins China Ltd.	Assistant Resident Engineer	Ms. Gloria Lui	5506 6361
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Mr. Fredrick Leong	2859 1739
Hsin Chong Construction Company Limited	Environmental Manager	Mr. Andy Leung	9016 2503
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. Tentative Construction Programme

M+ Museum

Activity ID	Activity Name	CM	VP CMWP -	CMWP	Actual	Ĭ	February			N	arch				April				May	
		Du		t -R0.D8	/		29	10	05		30	05	01	00	31			00	32	00
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-	n & Tower FACADE Preliminari			11 000 17									,							
	WING SUBMISSIONS FACADE SYSTE																			
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A51430	2nd Shopdrawing Submission - Review & A SIONS FACADE SYSTEM & EMBEDS	· · ·	25-0ct-17	01-Nov-17	' -eb-18															
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A51790	Garden Gallery Ceramic - Consent) 10-Nov-17	20-Nov-17	7 ⁼ eb-18														 ! !	
A51780	Garden Gallery Ceramic - BD Approval	2:	L 20-Oct-17	10-Nov-17	/ Apr-17															
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A51830	2nd Submission - Review & Approval by M			21-Oct-17																
A51860	Glass Wall with T Mullion - BD Approval	3		23-Oct-17																
A51870	Glass Wall with T Mullion - Concent ion - Strip Glazing at Skylight Gallery & Pl		23-Oct-17	25-0ct-17	lun-17															
A51950	Strip Glazing at Skylight Gallery & Plaza Sky) 20-Oct-17	30-Oct-17	Sep-17															
	ion - Glass Wall with Ceramic/Precast Con	-																		
A51980	2nd Submission	5	20-Oct-17	25-Oct-17	Dec-17				_											
A51990	2nd Submission - Review & Approval by M	, <i>i</i>	25-Oct-17	01-Nov-17	/ Jan-18															
A52010	Glass Wall with Ceramic & Precast Concrete	e Mullion - BD Apj 20	01-Nov-17	21-Nov-17	7 /lar-18														1	
A52020	Glass Wall with Ceramic & Precast Concrete	e Mullion - Concei 10) 21-Nov-17	01-Dec-17	/lar-18															
A52000	Glass Wall with Ceramic & Precast Concrete			01-Nov-17	7					Glass Wall with G	Ceramic & Prec	ast Concrete	Mullion - Su	bmission to E	зр,					
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A52130	1st Shopdrawing Submission - Review & A	pproval 7		06-Nov-17																
	rs Package #2 - Sliding door at L3 Storefrom	• •																		
A52170	1st Shopdrawing Submission	1:	L 20-Oct-17	31-Oct-17	Jan-18															
A52180	1st Shopdrawing Submission - Review & A	pproval 7	31-Oct-17	07-Nov-17	7 ⁻ eb-18															
A52200	2nd Shopdrawing - Review & Approval	7	12-Nov-17	2 19-Nov-17	' ⁻ eb-18															
A52190	2nd Shopdrawing Submission		07-Nov-17	2 12-Nov-17	′ ⁼ eb-18															
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A52250	2nd Shopdrawing Submission - Review & A			' 18-Nov-17																
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A52260	1st Shopdrawing Submission) 20-Oct-17		Jan-18															
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A52290	2nd Shopdrawing Submission - Review & A			' 18-Nov-17	⁻ eb-18															
	rs Package #5 - Large double door at B1 Tra				lan 10															
A52300	1st Shopdrawing Submission	10		30-Oct-17																
A52310	1st Shopdrawing Submission - Review & A			06-Nov-17																
A52320	2nd Shopdrawing Submission 2nd Shopdrawing Submission - Review & A	Approval 7		' 11-Nov-17 ' 18-Nov-17																
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A52380	2nd Shopdrawing Submission - Review & A	••		' 18-Nov-17	⁻ eb-18															
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Milestone	Project LoE Baseline	N	1+ Cor	ntract	or's M	ain Work	is Progr	ran	nme (SMWP -			н	IN新昌	30-Nov-17	3M RP-M26	-	Robby Y.		is Chau / Ricky
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A54850 Perf MU - Testing & Report Submission of Vertical Glass Wal 4 25-Nov-17 29-Nov-17 Aar-18						25-Oct-17					-					_			
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A54830 Perf MU - Vertical Glass Wall Skylight Gallery Installation 12 13-Nov-17 25-Nov-17 Aar-18	A54850	Perf MU - Testing & Report Submission of	f Vertical Glass Wal	4 2	25-Nov-17	29-Nov-17	Лаг-18												
	A54830	Perf MU - Vertical Glass Wall Skylight Galle	ery Installation	12 1	13-Nov-17	25-Nov-17	Nar-18												

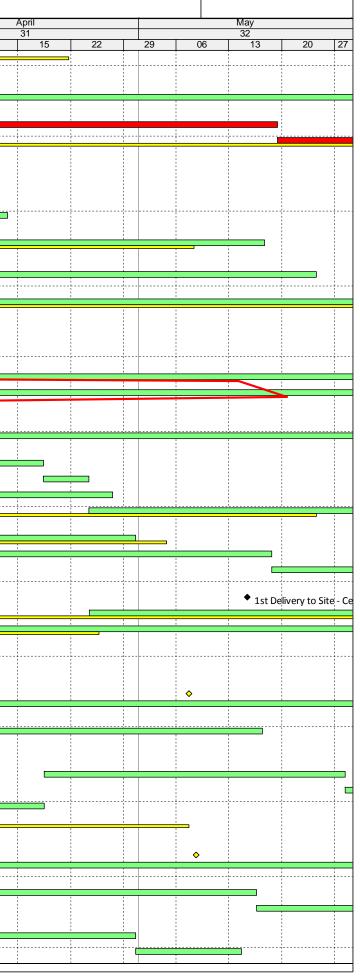
Activity ID	Activity Name	CMWP		CMWP	Actual			February				Marc	h			
		Dur.	R0.D8 Start	-R0.D8 Finish	;orecas	21 28	04	29 11	18	25	04	30 11	18	25	01	08
A54820	Perf MU - Vertical Glass Wall Skylight Gallery Production & F	24	20-Oct-17	13-Nov-17	eb-18				ľ							
A54800	PDRAWING SUBMISSION & TEST - Plaza Skylight 3/F Terrace Perf MU - Commence Testing of Plaza Skylight 3/F Terrace	0	09-Nov-17		/lar-18									•	Perf MU -	Commence T
A54790	Perf MU - Plaza Skylight 3/F Terrace Installation	10		09-Nov-17										 	1	
A54780	Perf MU - Plaza Skylight 3/F Terrace Production & Fabricatio	10	20-Oct-17	30-Oct-17	1ay-17				_							
A54810	Perf MU - Testing & Report Submission of Plaza Skylight 3/F	4	09-Nov-17	13-Nov-17	/lar-18											
	TON MOCK UP & INSPECTION															
A55390	Podium Facade Precast Panel Inspection (Prod MU) - Podium Precast Concrete & Curtain '	0	21-Nov-17		/lar-18									+ Inspection	(Prod MU)	- Podium Pre
A55380	Podium Precast Concrete & Curtain Wall Prod MU	15	06-Nov-17	21-Nov-17					_		: ;	:	:		,	
Prod MU -	Kinked Glass with T Mullion]												
A55400	GW with T Mullion (Kinked & Straight) Prod MU	20	05-Dec-17	25-Dec-17	/lar-18											
A55410	Inspection (Prod MU) - GW with T Mullion (Kinked & Straigh	0	25-Dec-17		۹pr-18										▼ In	nspection (Pro
A55420	Glass Wall with Ceramic Mullions at GF GW with Ceramic Mullion Prod MU	20	10-Dec-17	30-Dec-17	Apr-18											
	Plaza Skylight 3/F Terrace				, r											
A55470	Inspection (Prod MU) - Plaza Skylight	0	03-Dec-17		۹pr-18											
A55460	Plaza Skylight Prod MU		13-Nov-17	03-Dec-17	4pr-18											
	TON & DELIVERY OF M+ TOWER & PODIUM FACADE & Facade PC+CW (Bulk)	SYSTEM	N													
A54890	1st Delivery to Site - Precast Panel for Tower	0	27-Nov-17		/lar-18							🕈 1st Deliv	ery to Site -	Precast Pane	l for Tower, 1	11-Mar-18
A54880	Production & Fabrication - Precast Panel for Tower (1st Deliv	31	27-Oct-17	27-Nov-17	lov-16				_			-				
	duction & Fabrication															
A54450	Coated Glass Production	23		23-Nov-17								1				
A54460	Fabrication of Glass Panel d Panel Production & Fabrication	128	15-Jan-18	23-Jun-18	/lar-17											
A54910	Aluminium Extrusion Production	116	20-Oct-17	12-Mar-18	lun-17							; ,		 		
A54920	Application of PVF2 Coating	151	28-Nov-17	05-Jun-18	Dec-17		· ·					· ·	·	- I 		
A54860	Fabrication & Assemble of Curtain Wall Unit	170	09-Dec-17	12-Jul-18	Dec-17							:	: :			
	Production										<u></u>	<u></u>				
A54950	Delivery to Precast Factory	179	25-Oct-17								i	i	i			
A54940	Terracotta Production - Tower (Bulk) es TE501 Production	138	20-Oct-17	11-Apr-18	/lar-1/											
A64310	Í.	16	27-Oct-17	12-Nov-17	Jan-18				_		1	1	1			-
A64320	TE501-L02-07 (11F & 12F)	16	12-Nov-17	28-Nov-17	۹pr-18	1										
A64330	TE501-L02-08 (13F & 14F)	21	28-Nov-17	19-Dec-17	۹pr-18											
A64340	TE501-L02-09 (15F & 16F)	21		09-Jan-18												
A64350		6	21-Jan-18	27-Jan-18	lun-18											
A64420	es TE502 Production TE502-L02-07 (11F & 12F)	16	10-Nov-17	26-Nov-17	lan-18		; ;				<u> </u>	<u>.</u>	1			-
A64430	TE502-L02-08 (13F & 14F)	21	26-Nov-17													
A64440	TE502-L02-09 (15F & 16F)	21	17-Dec-17	07-Jan-18	1ay-18											
A64450	TE502-L02-10 (Roof)	6	19-Jan-18	25-Jan-18	lun-18											
	es TE503 Production															
A64460		6		07-Dec-17	-											
A64470 A64530		6 21	20-Oct-17	13-Dec-17												
A64530	TE503-L02-09 (15F & 14F)	21	10-Nov-17			' 						:	<u> </u>			
A64550		6		19-Dec-17					_							
	es TE505 Production												<u>.</u>			
A64560	TE505-L02-01 (West)	6		07-Dec-17		1 1										
A64570	. ,	6	07-Dec-17	13-Dec-17	1ay-18											
A54980	oncrete Facade Assemble of Curtain Wall to Precast Facade	169	11-May-18	30-Nov-18	Jov-17						:	:	:	1		:
A54970	Concreting of Precast Concrete	169	28-Apr-18		_							-				
A54990	Inspection, Packing & Delivery to Site - Tower Facade	152	08-Jun-18													
A54960	Precast Concrete Mould Making	192	12-Apr-18		-											
A55000	Precast Panel 1st Delivery to Site - Tower	0	27-Nov-17		/ar-18							 Precast 	Panel 1st D	elivery to Site	e - Tower, 12-	-Mar-18
	Lighting (Bulk)															
A55020	ent & Production (3F to Roof) & Shipment Production - Tower Lighting Bar	76	20-Oct-17	20-lan-18	Anr-17							:			-	
	d Panel Production & Fabrication	70	20-001-17	20-3011-10	-idi-17											
A55030	Delivery & Assembly	178	14-Nov-17	25-Jun-18	eb-18					1		i	1	i		



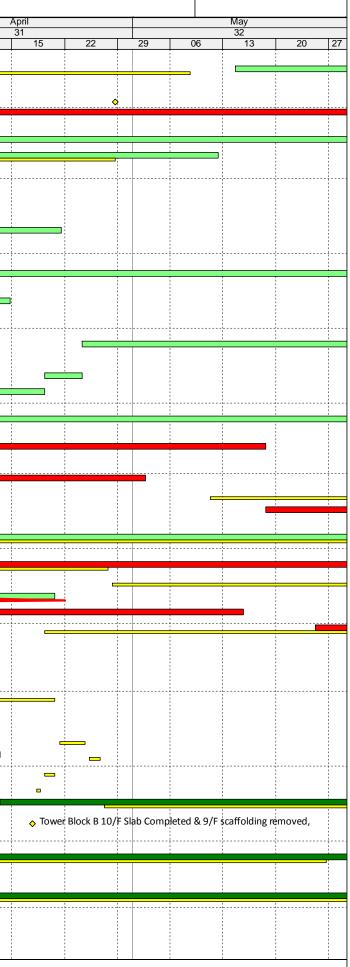
April			-		May		
31 15	22		29	06	32 13	20	27
Testing of Pla	za Skylight 3/	F Te	errace, 3	1-Mar-18			
						; {	
ecast Concret	e & Curtain W	Vall	. 24-Mar	-18		1	
					· · · · · · · · · · · · · · · · · · ·		
rod MU) - GV	with T Mulli	on	(Kinked &	& Straight), (5-Apr-18	1	
						, , ,	
	 Inspec 	tior	n (Prod N	/IU) - Plaza S	kylight, 24-A	pr-18	
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vity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual				February 29			March 30				April 31			May 32	
				Finish	orecas	21	28	04	11 1	8 25	04	11	18 25	01	08	15	22	29	06 13	20
	IQC Inspection	169	28-Nov-17	27-Jun-18	/lar-18							1			:	1	; ;			1
	OQC Inspection	169	06-Dec-17	07-Jul-18	/lar-18				· · · · · · · · · · · · · · · · · · ·											
	acade PC + CW (Bulk) 1st Delivery to Site - Precast Panel for Podium	0	27-Dec-17		/ar-18								1st Deliver		cast Danel	for Dodium	24 Mar 19			
													Ist Deliver	y to site - Pie		ių Pouluili,	24-IVIdI-10			
A54470 Glass Produ	Production & Fabrication - Precast Panel for Podium ction & Fabrication	66	20-Oct-17	25-Dec-17	Jec-16															
A10030	Fabrication of Insulated Glass Panel	155	21-Nov-17	05-Mav-18	Jan-18							!					<u> </u>			
A10020	Ordering of Coated Glass		20-Oct-17	-	-									-						
	Panel Production & Fabrication																			
A10050	Aluminium Extrusion Production	116	15-Jan-18	09-Jun-18	Jan-18										:		· · ·			
A10060	Application of PVF2 Coating	129	26-Jan-18	09-Jul-18	Jan-18										: :	-	· · ·			
A10040	Die Making - Bulk Production	6	08-Jan-18	15-Jan-18	eb-17															
A10070	Fabrication & Assemble of Curtain Wall Unit	145	03-Feb-18	08-Jul-18	Jan-18															
Terracotta P																				
A10170	1st Lot Arrived (By Ship) Podium Bulk to Precast Concrete Fa		02-Feb-18		⁻ eb-18			♦ St Lo	ot Arrived (By Ship) Podium Bulk to P	recast Concrete I	actory in	China, 07-Feb-18 A							
A10160	Delivery of Terracotta to Precast Factory from Italy (by ship)	-	23-Dec-17								:	:	1		:	!	; ;			
A10100	Terracotta Production - Podium (Bulk)	130	20-Oct-17	28-Mar-18	4pr-17						{}								·	
	crete Facade	116	24 Mar 10	26 101 10	lan 10															
	Assemble of Curtain Wall to Precast Facade Concreting of Precast Concrete		24-Mar-18																	
			07-Mar-18																	
	Curing of 1st Lot		17-Mar-18																	
	Inspection, Packing & Delivery to Site - Podium Facade	_	09-Apr-18	-																
	Precast Concrete Mould Making		02-Feb-18	15-Jun-18									Dresset De		a to Cito		Mar 10			
	Precast Panel 1st Delivery to Site - Podium	0	27-Dec-17		/lar-18								Precast Pa	nel 1st Delive	ry to Site -	Podium, 24-	Mar-18			
A54490	Mullion (Kinked & Straight B1F to GF) (Bulk) Production & Fabrication - GW with T Mullion (Kinked & Stra	63	12-Nov-17	14-lan-18	/av-18															
	ction & Fabrication	05	12 100 17	14 Juli 10	Huy 10															
A10190	Coated Glass Production	84	13-Nov-17	24-Feb-18	1ay-18															
A10300	Delivery of Glass Panel to Site	46	28-Mar-18	28-May-18	1ay-18															
A10200	Fabrication of Insulated Glass Panel	67	26-Feb-18	19-May-18	1ay-18											1	i i			;
Alum Sectio	n Production & Fabrication																			
A10220	Aluminium Extrusion Production	34	09-Feb-18	24-Mar-18	4pr-18			A10220 📥						· · · · · · · · · · · · · · · · · · ·						
A10230	Application of PVF2 Coating	6	24-Mar-18	04-Apr-18	1ay-18								A10230							
A10210	Die Making - Bulk Production	34	30-Dec-17	09-Feb-18	Jan-18															_
	Fabrication & Assemble of Curtain Wall Unit	35	04-Apr-18	17-May-18	1ay-18								A1	0240 💻		1 1 1				
	MS Mullion, Transom & Brackets	-	22.14 40		1 1 10															
	1st Delivery - T-Mullion G/F to 1/F		23-Mar-18		·Jul-18												♦ 1 -+ D		lan D1 04 Any 10	
	1st Delivery T-Mullion B1		20-Mar-18		Apr-18	~							♦				• Ist De	livery I-Iviul	lion B1, 24-Apr-18	
	GMS Fabrication		06-Jan-18														; ;			;
	Packing & Delivery		13-Mar-18					A102				:	1		:	1	: :		:	1
	Painting PC Mullion at 2F Courtyard (Bulk)	88	13-Feb-18	06-Jun-18	-eb-18			A1112							1					
	1st Delivery to Site - GW with PC Mullion at 2F Courtyard	0	30-Jan-18		Jul-18		\$													
	Production & Fabrication - GW with PC Mullion at 2F Courty		11-Dec-17	30-lan-18													; ;			;
	ction & Fabrication	50	11 Dec 17	50 501 10	Juli 10															
	1st Delivery to Site - Glass Panel	0	12-Apr-18		Jul-18										\$					
A10310	Coated Glass Production	79	30-Dec-17	18-Mar-18	Jan-18			1	· · ·			<u> </u>					: :			
A10330	Delivery of Glass Panel to Site	2	12-Apr-18	13-Apr-18	1ay-18										_					
A10320	Fabrication of Insulated Glass Panel	24	19-Mar-18	11-Apr-18	1ay-18													1		
Alum Frame	Production & Fabrication																			
A10420	1st Delivery to Site - AL & Frame Members	0	29-Jan-18		۹pr-18		◇											1st Deliv	ery to Site - AL & Fram	ne Members
A10350	Aluminium Extrusion Production	15	20-Dec-17		-										<u>.</u>					
A10360	Application of PVF2 Coating	4	04-Jan-18	08-Jan-18	۹pr-18										-					
A10430	Delivery of Aluminium Frame to Site	2	29-Jan-18				-													
A10440	Delivery of Frame Members to Site	3	28-Jan-18	31-Jan-18	۹pr-18	10440											t t			
A10340	Die Making - Bulk Production	20	11-Dec-17	31-Dec-17	Jan-18															
A10370	Fabrication of Aluminium Frame to Site	20	08-Jan-18	28-Jan-18	۹pr-18															
Precast Con	crete Facde																			
	1st Delivery to Site - Precast Concrete	0	07-Apr-18		Sep-18									♦						
A10410																				
A10410 A10380	Concreting of Precast Concrete Curing	45	29-Jan-18 26-Mar-18			A10380							A10390							

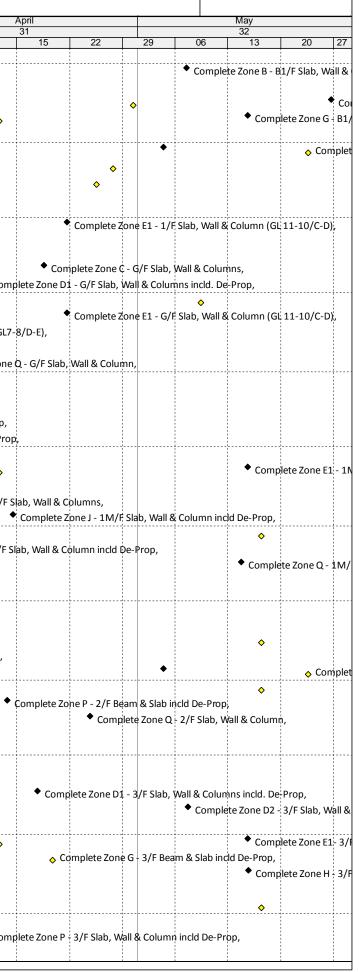
	Activity Name			CMW/D	Actual		i	February				Marc	h		
ctivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual			29	40			30			
A10400	Delivery of Precast Concrete to Site	13	07-Apr-18	Finish 21-Apr-18	orecas	21 2	8 04	11	18	25	04	11	18 25	01 A10400 =	08
	h Ceramic Mullion (GF & 1F) (Bulk)	10	07 Apr 20	217.pr 10	V 41 2 0										
A54580	1st Delivery to Site - GW with Ceramic Mullion - East	0	30-Jan-18		Sep-18										
A54540	Production & Fabrication - GW with Ceramic Mullion (GF &	k 1 72	20-Oct-17	31-Dec-17	Jan-18										
Glass Prod A10460	Juction & Fabrication Coated Glass Production	67	20-Oct-17	10-lan-18	lan-18										
A10470	Fabrication of Insulated Glass Panel	110	11-Jan-18												
	ne Production & Fabrication														
A10490	Aluminium Extrusion Production	34	06-Jan-18	15-Feb-18	lov-17		i								
A10500	Application of PVF2 Coating	6	15-Feb-18							:					
A10480	Die Making - Bulk Production	31	28-Nov-17							10	j		ii		<u>.</u>
A10510	Fabrication of Aluminium Frame to Site Production	33	26-Feb-18	10-Apr-18	/lar-18				A105	10		1			
A10570	Application of PVF2 Coating	67	09-Feb-18	08-May-18	⁻ eb-18		A10570			· · ·					<u>.</u>
A10550	Die Making - Bulk Production	40	09-Nov-17	27-Dec-17	\ug-17						:	1			
A10560	Terracotta Production (Bulk)	67	13-Jan-18	10-Apr-18	Jan-18								· · · · · · · · · · · · · · · · · · ·		
	ncrete Facade Die Making														
A10590	Aluminium Extrusion Production	87		16-Jun-18						A106	h0				
A10600 A10580	Curing of 1st Lot Precast Concrete Mould Making	5 24	06-Mar-18 27-Jan-18							A100					
	ncrete Facde	24	27-Jan-18	28-160-18	Jan-10										
A10610	1st Delivery to Site - East	0	30-Jan-18		Sep-18	♦									
A10520	Assemble of Alum Section to Precast Mullion	87	30-May-18	10-Sep-18	Jan-18										1
A10530	Delivery of Precast Concrete to Site	112	11-Jun-18	25-Oct-18	⁻ eb-18			A105	530						1
05 Ceramic A54610	Concrete Tubes & Perforated Cladding (Bulk) 1st Delivery to Site - Ceramic Concrete Tubes & Perforated	C 0	26-Feb-18		Sep-18										
A54600	Production & Fabrication - Ceramic Concrete Tubes & Performed		20-0ct-17	05-lan-18	· ·						<u>.</u>				<u>.</u>
	ne Production & Fabrication		20 000 17	05 341 10	Juli IC										
A10650	Aluminium Extrusion Production	45	22-Jan-18	19-Mar-18	Jan-18										1
A10660	Application of PVF2 Coating	5	19-Mar-18	24-Mar-18	Apr-18		J					A1066	0 0		
A10640	Die Making - Bulk Production	64	04-Nov-17												Į
A10670	Fabrication of Aluminium Frame to Site	46	24-Mar-18	24-May-18	4pr-18								A10670		
A10700	Production Application of PVF2 Coating	56	23-Feb-18	04-May-18	Jan-18										
A10680	Die Making - Bulk Production	69		, 12-Jan-18											
A10690	Terracotta Production (Bulk)	67	13-Jan-18	09-Apr-18	1ay-18				_			<u> </u>			<u></u>
	ncrete Facade Die Making	-													
A10750			26-Feb-18		ay-18*					◇					
A10740 A10720	Assemble of Brackets to Ceramic Concrete Tubes	97		06-Jun-18 25-Apr-18	· ·										1
A10720 A10730	Concreting of Precast Concrete Curing of 1st Lot	88 6		18-Jan-18											
A10730	Precast Concrete Mould Making	23	06-Dec-17												
	Skylight 3F (Bulk)		00 200 17	01 001 10	7011 20										
A19140	1st Delivery to Site - Plaza Skylight 3F	0	07-May-18		Jul-18										
A19130	Production & Fabrication - Plaza Skylight 3F	47	03-Dec-17	19-Jan-18	Jan-18										
Glass Prod A18750	Juction & Fabrication Coated Glass Production	64	04-Dec-17	22-Eeb-18	lan-18			<u>.</u>		<u>.</u>		· 			<u></u>
A18760	Fabrication of Insulated Glass Panel	32	23-Feb-18					A197	760			1 1			
	ne Production & Fabrication		20100 20	0174p1 10	0.0 10										
A18780	Aluminium Extrusion Production	32	02-Feb-18	14-Mar-18	Apr-18	A1878	•		_						
A18790	Application of PVF2 Coating	9	15-Mar-18		· ·			<u> </u>			A	18790 💻			<u>}</u>
A18770	Die Making - Bulk Production	49	04-Dec-17									1			
A18800	Fabrication of Frame Members	32	26-Mar-18	07-May-18	lun-18								A18800		
A18820	W Skylight Gallery 3F (Bulk) 1st Delivery to Site - Strip CW Skylight Gallery 3F	0	08-May-18		Jul-18										
A18810	Production & Fabrication - Strip CW Skylight Gallery 3F	51	19-Dec-17		_						:	:			
	Juction & Fabrication														
A19150	Coated Glass Production	61	19-Dec-17							:					
A19160	Fabrication of Insulated Glass Panel	25	07-Mar-18	09-Apr-18	1ay-18					A19	160 💻				<u>—</u>
Alum Fram A18840	e Production & Fabrication Aluminium Extrusion Production	22	07-Feb-18	08-Mar-18	Apr-19		A18840 🚃								-
A18840	Application of PVF2 Coating	11	08-Mar-18							A	18850 💳				
	FF		10	10	.p. 10	L	I	i							<u>. </u>



Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual		February				Marc	h			
		Dur.	R0.D8 Start	-R0.D8 Finish	/ Forecas	21 28 04	29	18	25	04	30	18	25	01	08
A18830	Die Making - Bulk Production	40	19-Dec-17	07-Feb-18											
A18860	Fabrication of Frame Members	36	21-Mar-18	08-May-18	1ay-18						A1	8860 🚃			
07 L3 Storef		0	29 Apr 19		`on 19										
A18880 A18870	1st Delivery to Site - L3 Storefront Production & Fabrication - L3 Storefront	0 71	28-Apr-18	30-Dec-17	Sep-18										
	uction & Fabrication	/1	20-001-17	30-Det-17	Jan-10										
A19170	Coated Glass Production	87	20-Oct-17	02-Feb-18	Jan-18										1
A19180	Fabrication of Insulated Glass Panel	66	03-Feb-18	28-Apr-18	Jan-18			:		:	:	;	· ;		
	e Production & Fabrication	22	04 No. 47	25 No. 47	lan 10										
A18900 A18910	Aluminium Extrusion Production	22	01-Nov-17	08-Dec-17	-										
A18910 A18890	Application of PVF2 Coating Die Making - Bulk Production	9		31-Oct-17	-			:							
A18850	Fabrication of Frame Members	44		23-Mar-18								i			-
	allery Ceramic Cladding 3F (Bulk)		25 0411 20	20 1110 20	Juli 10										
A19200	1st Delivery to Site - Garden Gallery Ceramic Cladding 3F	0	27-Jan-18		lun-18										
A19190	Production & Fabrication - Garden Gallery Ceramic Cladding	g 36	10-Nov-17	16-Dec-17	Jan-18										
Brackets Pr A18940	oduction & Fabrication (SS) Delivery of SS Bracket to Site	6	28-Nov-17	04 Dec 17	Apr 19										
A18940 A18930	Production & Fabrication	32		27-Nov-17									-		3
	Production & Fabrication	52	20 000 17	27 1107 17	Jun 10										
A18970	Assemble of bracket to Ceramic Cladding	32	12-Dec-17	20-Jan-18	۹pr-18										
A18980	Delivery of Ceramic Cladding to Site	6	22-Jan-18	27-Jan-18	lun-18										
A18960	Delivery to assemble factory	4		11-Dec-17	· ·										
A18950	Terracotta Production	40	20-Oct-17	06-Dec-17	Jan-18										
A19210	imeter Louvre Cladding (Bulk) Production & Fabrication - North Perimeter Louvre Claddin	g 98	20-0ct-17	26-Jan-18	-eh-18										
	Louvre Production & Fabrication	5 50	20 000 17	20 Juli 10	0010										
A19000	Aluminium Extrusion Production	40	23-Dec-17	10-Feb-18	/lar-18		-								
A19020	Application of PVF2 Coating	11	28-Feb-18	12-Mar-18	lun-18						<u></u>		, , ,		
A18990	Die Making - Bulk Production	54		22-Dec-17											
A19030	Metal Frame Fabrication of Cladding Louvre	80		15-Aug-18											
A19010	PVF2 Paint Ordering	11	12-Feb-18	27-Feb-18	1ay-18										
10 Doors (Bu A19230	Production & Fabrication - Doors	146	14-Dec-17	15-lun-18	4pr-18										1
	uction & Fabrication	1.0	11 000 17	10 000 10	(p) 10										
A19070	Aluminium Extrusion Production	80	17-Jan-18	27-Apr-18	⁼ eb-18					:	:	1	:		:
A19080	Aluminium Frame Production	46		23-Jun-18											
A19120	Delivery Doors to Site (Bulk)	12	16-Jun-18											A19120	
A19060	Die Making	0		20-Oct-17											
A19090	PVF2 Paint Ordering	54	19-Apr-18	23-Jun-18	1ay-18										
M+ Basem Tower Cran	nent and Podium														
	TC2 (Truss 1 & 2, Podium, Tower Construction)														
TC2 1st Jac											 		, , , ,		
A64580	TC2 1st Operational Period	83	06-Jan-18	20-Apr-18			Completed						1		
A41300 TC2 2nd Ja	Tower Block B 4/F Infill Slab Completed	0		27-Dec-17		Tower Block B 4/F Infill Slab	completed,								
A42860	2nd Raise & Jack up of TC2 to 117.2mPD	3	21-Apr-18	24-Apr-18	۹pr-18										÷
A42870	Inspection and ICE & RPE Certification for TC2 @117.2mPI	2	25-Apr-18	26-Apr-18	\pr-18										
A41380	Inspection and ICE & RPE Certification for TC2 Ties	2	19-Apr-18	20-Apr-18	۹pr-18										9
A41370	Install & Connect Tie-in between TC2 & Block B 8/F slab	1	18-Apr-18	18-Apr-18	۹pr-18										
A64590	TC2 2nd Operational Period	94	27-Apr-18	20-Aug-18	-										
A41360	Tower Block B 10/F Slab Completed & 9/F scaffolding remo	v 0		17-Apr-18										•	
TC3 Erection	TC3 (Truss 3 & 4, AEL South Podium Construction)								-+						
	TC3 Operational Period	175	20-Oct-17	26-May-18	Oct-16					1			1	1	<u>.</u>
Provision of	TC6 (Truss 3 & 4, Podium & Tower Construction)			· · ·											
TC6-2 A64620	TC6-2 Operational Period	330	28-Nov-17	09-lan 10	104 17			:	-				1		
A64620 A42785	Zone E - 3/F Slab Complete	0	20-1100-17	14-Nov-17	-	◆ Zone	E - 3/F Slab C	omplete							
Critical Key				11110017		2010									
Critical Key	Dates - Podium Structure RC Works														
B1/F								1	:	1	1	1	1		1



Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual				February 29		March 30
		Dui.	RU.Do Statt	Finish	⁷ orecas	21	2	8	04 11	18	25 04 11 18 25 01 08
A10975	Complete Zone A4-A5 - B1/F Slab, Wall & Columns	0		24-Oct-17				ļĪ		T	Complete Zone A4-A5 - B1/F Slab, Wall & Columns,
A12220	Complete Zone B - B1/F Slab, Wall & Columns	0		03-Jan-18		_					
A12090	Complete Zone D1 - B1 Slab, Wall & Columns	0		20-Jan-18							Complete Zone D1 - B1 Slab, Wall & Columns,
A12160	Complete Zone D2 - B1/F Slab, Wall & Columns	0		30-Apr-18		_		•			
A12620	Complete Zone G - B1/F Slab, Wall & Columns	0		12-Apr-18		_					
A11810	Complete Zone H - B1/F Slab, Wall & Columns	0		03-Nov-17							Complete Zone H - B1/F Slab, Wall & Columns,
A12700	Complete Zone J - B1/F Slab, Wall & Columns	0		23-May-18							
A12330	Complete Zone K & L - B1/F Slab, Wall & Columns	0		27-Apr-18		_					
A12410	Complete Zone P - B1/F Slab, Wall & Columns	0		25-Apr-18							
A12270	Complete Zone Q - B1/F Slab, Wall & Columns	0		22-Jan-18							Complete Zone Q - B1/F Slab, Wall & Columns,
A12560	Complete Zone E1 - 1/F Slab, Wall & Column (GL 11-10/C-D) 0		16-Mar-18		\geq	••••				♦
G/F				í.							
A11110	Complete Zone A - G/F Slab, Wall & Columns	0		27-Oct-17		_					Complete Zone A - G/F Slab, Wall & Columns,
A12010	Complete Zone C - G/F Slab, Wall & Columns	0		24-Feb-18		_					
A12100	Complete Zone D1 - G/F Slab, Wall & Columns incld. De-Pro	•		22-Feb-18		-				•	• Cor
A12180	Complete Zone D2 - G/F Slab, Wall & Columns incld De-Prop			09-May-18		_					
A12540	Complete Zone E1 - G/F Slab, Wall & Column (GL 11-10/C-D			16-Mar-18							
A11950	Complete Zone M - G/F Slab, Wall & Columns (GL7-8/D-E)	0		10-Nov-17		_					Complete Zone M - G/F Slab, Wall & Columns (GL
A11955	Complete Zone N - G/F Slab, Wall & Columns (GL7-8/L-M)	0		27-Oct-17		_					Complete Zone N - G/F Slab, Wall & Columns (GL7-8/L-M),
A12290	Complete Zone Q - G/F Slab, Wall & Column	0		09-Feb-18					♦		◆ Complete Zon
1M/F A11845	Complete Zone A4-A5 - 1M/F Slab, Wall & Columns	0		11-Nov-17							Complete Zone A4-A5 - 1M/F Slab, Wall & Columns,
A12240	Complete Zone B - 1M/F Slab, Wall & Column	0		09-Feb-18		-			♦		
A12120	Complete Zone D1 - 1M/F Slab, Wall & Columns incld. De-P			18-Dec-17		_			~		Complete Zone D1 - 1M/F Slab, Wall & Columns incld. De-Prop.
A12120	Complete Zone D2 - 1M/F Slab, Wall & Columns incld De-Pr			29-Jan-18			\$				 Complete Zone D2 - 1M/F Slab, Wall & Columns incld De-Pr
A12490	Complete Zone E - 1M/F Slab, Wall & Column incld De-Prop			14-Nov-17			·····				Complete Zone E - 1M/F Slab, Wall & Column incld De-Prop (GL 12-8/A-C),
A12570	Complete Zone E1 - 1M/F Slab, Wall & Column incld De-Pro			12-Apr-18							
A12690	Complete Zone G - Gallery Slab, Wall & Column incld De-Pro	•		23-Feb-18		-					Complete Zone G - Gallery Slab, Wall & Column incld De-Prop,
A11850	Complete Zone H - 1M/F Slab, Wall & Columns	0		16-Dec-17							Complete Zone H - 1M/F
A12730	Complete Zone J - 1M/F Slab, Wall & Column incld De-Prop			12-Feb-18		-					
A12370	Complete Zone K & L -1M/F Slab, Wall & Column incld De-P			17-May-18							
A12440	Complete Zone P - 1M/F Slab, Wall & Column incld De-Prop			09-Feb-18					•		Complete Zone P - 1M/F
A12300	Complete Zone Q - 1M/F Slab, Wall & Column	0		03-Mar-18		-					
2/F))							
A12250	Complete Zone B - 2/F Slab, Wall & Column	0		05-Mar-18							◆
A12200	Complete Zone D2 - 2/F Slab, Wall & Columns	0		10-Jan-18		_				1	Complete Zone D2 - 2/F Slab, Wall & Columns,
A12590	Complete Zone E1 - 2/F Beam & Slab (GL 11-10/C-D)	0		26-Feb-18			♦				♦ Complete Zone E1 - 2/F Beam & Slab (GL 11-10/C-D),
A12660	Complete Zone G - 2/F Slab, Wall & Column	0		17-May-18		_		1			
A11860	Complete Zone H - 2/F Slab, Wall & Columns	0		18-Nov-17							Complete Zone H - 2/F \$lab, Wall & Columns,
A12740	Complete Zone J - 2/F Slab, Wall & Column	0		23-May-18							
A12380	Complete Zone K & L -2/F Slab, Wall & Column	0		17-May-18		_					
A12450	Complete Zone P - 2/F Beam & Slab incld De-Prop	0		07-Mar-18							
A12310	Complete Zone Q - 2/F Slab, Wall & Column	0		23-Mar-18							◆
3/F A11800	Complete Zone A - 3/F Slab, Wall & Columns	0		21-Dec-17							Complete Zone A - 3/F Slab, Wall & Columns,
A12260	Complete Zone B - 3/F Slab, Wall & Column incld De-Prop	0		19-Mar-18							
A12200	Complete Zone C - 3/F Slab, Wall & Columns	0		29-Dec-17							Complete Zone C - 3/F Slab, Wall & Columns,
A12030	Complete Zone D1 - 3/F Slab, Wall & Columns incld. De-Pro			31-Jan-18		-					
A12140	Complete Zone D2 - 3/F Slab, Wall & Columns incld. De-Prog			22-Feb-18		-		1			
A12210 A12510	Complete Zone E - 3/F Slab, Wall & Column incld De-Prop (C			14-Nov-17						Ĭ	Complete Zone E - 3/F \$lab, Wall & Column incld De-Prop (GL 12-8/A-C),
A12600	Complete Zone E1- 3/F Beam & Slab incld De-Prop (GL 11-1			12-Apr-18							· · · · · · · · · · · · · · · · · · ·
A12670	Complete Zone G - 3/F Beam & Slab incld De Prop	0		19-Apr-18		-					
A12070	Complete Zone H - 3/F Slab, Wall & Columns	0		30-Jan-18			\$				
A11870	Complete Zone H - G/F Slab, Wall & Columns	0		18-Nov-17			~				 Complete Zone H - G/F Slab, Wall & Columns,
A12390	Complete Zone K & L -3/F Slab, Wall & Column incld De-Pro			17-May-18							
A11980	Complete Zone M - 3/F Slab, Wall & Columns (GL7-8/D-E)			16-Jan-18		1	♦ C	omple	te Zone M - 3/F Slab, W	ali & Colur	mns (GL7-8/D-È),
A11380	Complete Zone M = 3/1 Slab, Wall & Column (GL/-6/0-L)	0		03-Mar-18							◆ Coi
A12320	Complete Zone Q - 3/F Slab, Wall & Column incld De Prop	0		27-Mar-18		-					↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
		Ŭ				I		1			



ity ID Activi	ity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual			February 29				Marc 30	n			
		Dui.			orecas	21 28	04	11	18	25	04	11	18	25	01	08
Critical Key Dates -				24.4 40												
	Ready for Permant Use	0		24-Apr-18												+
	Ready for Permant Use	0		24-Apr-18												
	& LT22 Ready for Permant Use	0		13-Mar-18								\$				
	• M+ Podium External Envelope Works plete Zone A - 1M/F Facade Panel	0		28-Feb-18												
· · ·	plete Zone A - 2/F Facade Panel	0		07-Mar-18						~	<u> </u>					
	plete Zone M - 1M/F Facade Panel	0		05-May-18							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				-	
	plete Zone M - 2/F Facade Panel	0														
•		0		17-May-18												
CSF & RDE Sub-Str																
G/F Level																
	Portion - R (B1/F to G/F)															
	& GFR4 @ GL E-H / 7'-2 (EVA - Part 2)	3	20-0ct-17	23-0ct-17	lan-18				-	1						
	GL F'-I' / 6'-7' (EVA - Part N4)	5	20-001-17	25-001-17	Jan-10											
	crete Curing period EVA - Part N3	3	07-Mar-18	10-Mar-18	-eb-18		A4930	0				_				
	struct beams & slab (G/F) @ GL F'-H' / 5'-1	11	23-Feb-18	07-Mar-18	Jan-18			·								1
	ove scaffolds & cleaning	3	12-Mar-18		1				A49	310						
	GL I'-J' / 6'-7' (EVA - Part N5)	3	10		5~ 10							_				
	plete EVA Zone R @ GL A-J' / 6'-2	0		28-Mar-18		1							•	🔶 Co	mplete EVA Z	Zone R @
-	rete Curing period EVA - Part N5	3	22-Mar-18	25-Mar-18	/lar-18	1						A49260 🗖	-	-		
	struct beams & slab (G/F) @ GL I'-J' / 5'-1	16	03-Mar-18							250	i L,					;
	truct Columns & Walls & Cols B1/F to G/F @ GL I'-J' /	/5' 3	20-Oct-17	23-Oct-17	[:] eb-17			1	, ,							
	ove scaffolds & cleaning	3	26-Mar-18									A492	70 💻			
	Portion - S (B1/F to G/F)	3	20 10101 10	20 10101 10	nur ic											
	GFS2 @ GL A / 6'-2 (EVA - Part 3)															
A64090 Comp	plete EVA Zone S @ GL A / 7'-2 for G/F Access	0		08-Nov-17						Con	nplete EVA Zo	one S @ GL A /	7'-2 for G/F	Access,		
A64080 Remo	ove scaffolds & cleaning	3	06-Nov-17	08-Nov-17	[:] eb-18											
A+ Mega Truss Site																
Site Construction	of Iruss 1 (incl. Modular Towers & Working Platform)															
	orts & Modular Towers														• • • • • • • • • • • • • • • • • • • •	
MT5160 Instal	Il tie to T1 bottom chord for temporary support tow	ers 1	28-Jun-17	28-Jun-17	1ay-17				:							
	ore Wall (incl. to +28.3mPD for T5-N04A & T5-N04B)														
	truct 4/F Infill slab at East Core Wall (4/F slab)	6	20-Oct-17	26-Oct-17	Sep-17											
Mega Truss Infill C Removal of Modu	Construction (Zone F @ GL 7-8/D-M)															
Truss 1&2 GL7-8/																
	oval of T1-T2 Middle-SideTowers & Bracing @ GL M-I	L 2	25-Oct-17	26-Oct-17	[:] eb-18					- i -						
Truss Deprop & R	Removal of T5 Falseworks															
	Falseworks System (by TC2)		04.0	04.11												. <u>.</u>
	antle scaffold platform	4	01-Nov-17													-
	ove tie beams & working platform between 9M truss	ses 5	25-Oct-17	31-Oct-17	eb-18											
	Removal of T3 Falseworks Falsework System (by TC2 & TC3)															
	ove bracing tower @C85 & C86	7	03-Nov-17	10-Nov-17	eb-18	1										
Truss Deprop & R	Removal of T1 & T2 Falseworks												1		+	
Depropping of Tr	russ 1															
	up ram jacks, cut & lower support by 50mm	3	21-Oct-17			- i										
A60870 Setup	p depropping system @T1	3	20-Oct-17	23-Oct-17	eb-18											
A60890 Slowl	ly reduce jack till truss takes full self-weight, rests on	ne 1	24-Oct-17	25-Oct-17	⁼ eb-18											
Depropping of Tr																
	up ram jacks, cut & lower support by 50mm	3	23-Oct-17			1 1 1										
A60570 Load	ram jack & slowly reduce jack till truss takes full self-	-w(1	24-Oct-17													
·	p depropping system @T2	2	20-Oct-17	21-Oct-17	Sep-17											
	& T2 Falsework System (13-Jun-2017 update)	-	10.0	24.11												
	elvelling scafford platform	5	18-Nov-17													
	er down 9/18M trusses (6 nos.)	1	24-Nov-17			1 : 1						-	1			
A60660 Remo	ove 9/18M	12	25-Nov-17													
	ove all PERI Tower underneath T1 & T2	9	10-Nov-17	21-Nov-17	Dec-17				:							
	Removal of T4 Falseworks															+
Depropping of Tr	russ 4 up ram jacks cut & lower support by 50mm	2	24-Oct-17	26-0ct 17	-oh 10											
		3														
Abuulu Setup	p depropping system @T4	3	20-Oct-17	23-UCT-1/	-ep-18				1		i.					

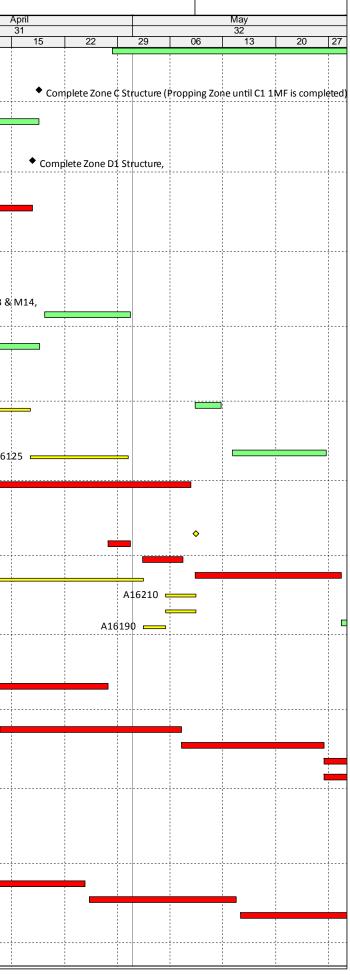


Activity ID	Activity Name	CMWP	CMWP - CMV	VP Actual			February	у			March	ו				April				Мау	
		Dur.	R0.D8 Start -R0. Finis	D8 /	21	28	29 04 11	18	25	04	30 11	18	25	01	08	31 15	22	29	06	32	20 2
A60490	Slowly reduce jack till truss takes full self-weight, res	sts on ne 1			21	20	11	10	23	04	11	10	23	01	00	13	22	29	00	13	20 2
	e of T4 Falsework System (by TC2 & TC3)																<u>.</u>				
	Dismantle scaffold platform	4	08-Nov-17 13-No	v-17 ⁼ eb-18																	
	Remove bracing tower @C85 & C86	7	16-Nov-17 24-No	v-17 ⁼ eb-18																	
	for T1 & T2 In-fill Slabs s for 3/F Beams (2 nos.)																				
	Concrete Curing 3/F Beams @GL H-E	5	18-Jan-18 23-Jar	n-18 Jan-18	J i																
	Concrete Curing 3/F Beams @GL L-H	5	10-Jan-18 15-Jar																		
A18230		1	18-Jan-18 18-Jar	n-18 Jan-18																	
A18130	Concreting 3/F Beams @GL L-H	1	10-Jan-18 10-Jar	n-18 Jan-18																	
A18200	Formworks of 3/F Beams @GL H-E	3	15-Jan-18 17-Jar	n-18 lov-17																	
A18120	Formworks of 3/F Beams @GL L-H	3	06-Jan-18 09-Jar	n-18 lov-17																	
A18190	Rebar fixing of 3/F Beams @GL H-E	5	09-Jan-18 13-Jar	n-18 Dec-17											,						
A18115	Rebar fixing of 3/F Beams @GL L-H	3	03-Jan-18 05-Jar	n-18 Dec-17																	
	s for 3/F Wall, Column & Upper Slab (In-fill)																				
	Concrete Curing 3/F Upper Slab	5	20-Mar-18 25-Ma										-								
A50480		1	19-Mar-18 20-Ma																		
A50470			05-Mar-18 19-Ma									_									
A50460			24-Feb-18 09-Ma																		
	Scaffolding for 3/F Upper Slab RC Works s for 3/F Wall, Column & Lower Slab (In-fill)	7	13-Feb-18 23-Fel	D-18 Dec-17																	
A17950		3	12-Feb-18 15-Fel	0-18 Dec-17																	
	Concreting 3/F Wall, Columns & Lower Slab	1	12-Feb-18 12-Fel																		
A17930		8	02-Feb-18 10-Fel																		
	Rebar fixing of 3/F Wall, Columns & Lower Slab	8	27-Jan-18 05-Fel																		
A17915	Scaffolding for 3/F Wall, Columns & Lower Slab RC V	Works 3	24-Jan-18 26-Jar	n-18 lov-17																	
	ted by Struts @ GL 7-8/D-E									.							ļ				
A57870	Complete 4/F West Core Wall Podium Structure (GL	.7-8/D-E 0	27-Jar	n-18						Comp	lete 4/F Wes	t Core Wall	odium Strue	ture (GL 7-8	§/D-Е),						
A57850	Construct 2F-3F Wall, Column & 3F Slab (GL 7-8/D-	E) 18	23-Dec-17 16-Jar	n-18 lov-17																	
A57860	Construct 3F-4F Wall, Column & 4F Slab (GL 7-8/D-		17-Jan-18 27-Jar																		
A57820		D-E) 18	20-Oct-17 10-No	v-17 ⁼ eb-18																	
A59060	ircase Construction Installation of Staircase	20	26-Mar-18 21-Ap	r-18 /ar-18																	
A59030	Staircase Fabrication		20-Oct-17 24-No																		
A59040			25-Nov-17 01-De																		
M+ Baseme	nt & Podium Structure RC Works																				
	ructure Zone A, M, N & H (Non-deferred Zone Paralle	el w/ Trusses)																			
Zone A St B1 Level	ructure (updated as of 16 Dec 2016)																				
	Zone A5 Wall & Column to B1 slab level (Industrial S	Space) 4	20-Oct-17 24-Oc	t-17 lun-17																	
B1-GF Le																					
	Zone A5 Wall, Column & GF Slab (GL 3-6/D-H)	3	25-Oct-17 27-Oc	t-17 /lar-17																	
2F-3F Let	Zone A4 Wall, Column & 3F Slab (GL 2-3/D-H)	22	25-Nov-17 21-De	c-17 Jan 19												1 1 1					
	Zone A5 Wall, Column & 3F Slab (GL 2-3/D-H)		28-Nov-17 19-De					-													
	GL 11-14/H-M	10	I	5 17 Jun 10																	
GL-3F (G	LL-M)																ļ				
	Construct Wall, Column & 1MF slab (GL 11-14/L-M		20-Oct-17 04-No		:			1													
A10910			04-Nov-17 18-No																		
A11130		12	18-Nov-17 02-De	c-17 /lar-18							L										
GF-3F (G A17390	L 11-14 /H-L) Complete Zone H Structure	0	12-Fel	0-18																	
A17350			18-Dec-17 05-Jar				~														
A17300			20-Oct-17 03-No	· ·				-													
A17380			31-Jan-18 12-Fel																		
A17388			05-Dec-17 16-De	-							•										
A17370			06-Jan-18 30-Jar			-														-	
	Construct Wall, Column & GF slab (GL 11-13/H-M)		04-Nov-17 18-No							·i							·				
	8-11 (Non-deferred area)																				
A64960	Construct 1MF-2F walls, columns, beam, 2F slab	16	21-Feb-18 10-Ma	r-18 /lar-18																	
A64970	Construct 2F-3F walls, columns, beam, 3F slab		12-Mar-18 29-Ma		_											1					
A64950	Construct GF-1MF walls, columns, beam, 1MF slab	16	23-Jan-18 09-Fel	o-18 ⁼ eb-18																	ļ
60-Seat C	Sinema (G.L. 10-11 / J-K)												1			1					

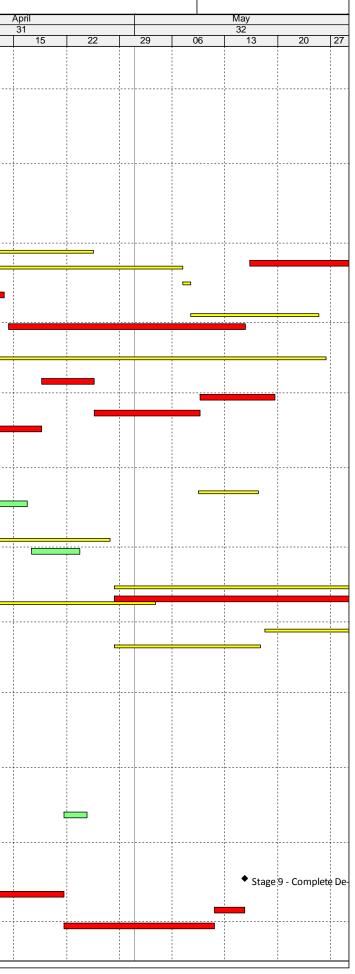
Three Months Rolling Programme (3MRP) - Mth 29 - 28 February 2018

onstruct B1F-LGF walls, columns, 60-seat cinema inclined : ure Zone B, C, D & Q (Deferred Zone @ T5 & T1) 1-5/H-K omplete Zone C Structure (Propping Zone until C1 1MF is c tage 6 - Construct wall, column & 3F slab (GL 1-5/H-K) tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) 1-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M) tage 12 - De-prop GF (GL 1-5/K-M)	Dur. 50 0 25 24 0 0 31 16	25-Jan-18	-R0.D8 Finish 03-Jan-18 29-Dec-17 29-Dec-17 24-Feb-18	Jan-18	21 28 04	29 11	18	25	04	30 11	18	25	01	08
ure Zone B, C, D & Q (Deferred Zone @ T5 & T1) 1-5/H-K omplete Zone C Structure (Propping Zone until C1 1MF is c tage 6 - Construct wall, column & 3F slab (GL 1-5/H-K) tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) 1-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	0 25 24 0 31	29-Nov-17 25-Jan-18	29-Dec-17 29-Dec-17	Jan-18										
1-5/H-K omplete Zone C Structure (Propping Zone until C1 1MF is c tage 6 - Construct wall, column & 3F slab (GL 1-5/H-K) tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) I-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	25 24 0 31	25-Jan-18	29-Dec-17											
omplete Zone C Structure (Propping Zone until C1 1MF is c tage 6 - Construct wall, column & 3F slab (GL 1-5/H-K) tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) I-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	25 24 0 31	25-Jan-18	29-Dec-17											
tage 6 - Construct wall, column & 3F slab (GL 1-5/H-K) tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) I-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	25 24 0 31	25-Jan-18	29-Dec-17			1					1			i i
tage 6 - Construct wall, column & GF slab (GL 7'-5/H-K) I-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	24 0 31	25-Jan-18												
I-5/K-M and @GL 5-7/H-M 1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	0 31		24-FED-18	/141-19	0									
1-5/K-M) omplete Zone D1 Structure onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	31													
onstruct RDE FS & Sprinkler Tanks (GL 1-3/K-M) B1/F tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	31													
tage 10 - Construct wall, column & B1 slab (GL 7'-5/K-M) tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)			22-Feb-18				\$							
tage 11 - Concrete curning/De-prop 3F (GL 1-5/K-M)	16	19-Dec-17	26-Jan-18	Oct-17							-			
		03-Jan-18	20-Jan-18	⁼ eb-18			•							
tage 12 - De-prop GF (GL 1-5/K-M)	9	22-Jan-18	31-Jan-18	۹pr-18										-
	3	20-Feb-18	22-Feb-18	4pr-18										-
tage 8 - De-prop 1MF (GL 1-5/K-M)	11	06-Dec-17	18-Dec-17	Dec-17										
tage 9 - Install void filler material on AEL Tunnel (GL 2-5/J-N	10	19-Dec-17	02-Jan-18	/lar-18		1				1				
tage 9a - Propping & Construct 3F slab (GL 1-5/K-M)	18	30-Dec-17	20-Jan-18	/ar-18							1			
rnal Wall (C) & Carriage Wall (A&B) - (GL 1-7 K-L)			1											
omplete External Wall @GL 1-7/M & H/O M13 & M14	0		24-Jan-18		♦					•	Complete E	xternal Wal	l@GL1-7/M	3 н/о м
onstruct B1 Slab in Carriageway	12	03-Mar-18						A56740 🗖		<u></u>				
onstruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@	22													
epprop/Remove Falsework/Sand Blow-out	12	18-Feb-18	02-Mar-18	۹pr-18		A56780 🗖								-
istall void former on AEL tunnel @GL 1-5/M and 1-5/K-L	7	19-Dec-17	28-Dec-17	/lar-18										
tage 10 - Construct carriage wall (A)/column/GF Slab (GL 1	22	22-Jan-18	15-Feb-18	/lar-18										
rnal Wall (C) & Carriage Wall (A&B) - (GL 5-7 K-L)	1	1	1											
	4		17-Apr-18	-										16140
-					◇					Falsework I	3tw GL 5-7/	H-M Remo	ved, 10-Mar-:	18
	18									-				'
tage 10 - Construct B1 slab (GL 5-8/H-L)	11	17-Apr-18	30-Apr-18	1ay-18								_		/
tage 10 - Install void filler material on AEL Tunnel (GL 5-8/J-	8									<u></u>				
	22		· ·	· ·										
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	3	24-IVIar-18	27-IVIar-18	un-18										
	omplete External Wall @GL 1-7/M & H/O M13 & M14 onstruct B1 Slab in Carriageway onstruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@ epprop/Remove Falsework/Sand Blow-out stall void former on AEL tunnel @GL 1-5/M and 1-5/K-L age 10 - Construct carriage wall (A)/column/GF Slab (GL 1 mal Wall (C) & Carriage Wall (A&B) - (GL 5-7 K-L) epprop/Remove Falsework/Sand Blow-out lsework Btw GL 5-7/H-M Removed stall void former /Construct Carriage External Wall (C&B)- age 10 - Construct B1 slab (GL 5-8/H-L)	Implete External Wall @GL 1-7/M & H/O M13 & M140onstruct B1 Slab in Carriageway12onstruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@22epprop/Remove Falsework/Sand Blow-out12stall void former on AEL tunnel @GL 1-5/M and 1-5/K-L7age 10 - Construct carriage wall (A)/column/GF Slab (GL 122pprop/Remove Falsework/Sand Blow-out4lsework Btw GL 5-7/H-M Removed0stall void former /Construct Carriage External Wall (C&B)-11age 10 - Construct B1 slab (GL 5-8/H-L)11age 10 - Construct B1 slab (GL 5-8/H-L)22age 6 - Construct J Excauation retaining wall (GL 5-7/H-K)16 57/H-M) 3omplete Zone D2 Structure0age 11 - Removal of stability prop & de-prop 3F falsework5age 12 - Construct wall, column & GF slab (GL 5-8/K-M)16age 12 - De-prop GF (GL 5-8/H-M)3age 12 - De-prop GF (GL 5-8/H-M)3age 12 - Gr concrete curing3age 2 - Propping & Construct 1MF slab (GL 5-7/H-M)11age 9 - Construct 2F wall, column & slab (GL 5-7/H-M)11age 9 - Construct BF wall, column & GF slab (GL 5-7/H-M)11age 9 - Construct Mall, column & GF slab (GL 5-7/H-M)11age 9 - Construct IM slab (GL 5-7/E-J)16age 1 - Construct IM slab (GL 5-7/E-J)16age 2 - Construct BF wall, column & GF slab (GL 5-7/-F)16age 3 - Construct BF wall, column & GF slab (GL 5-7/-F)16age 4 - Construct IM slab (GL 5-7/E-J)16age 5 - Const	amplete External Wall @GL 1-7/M & H/O M13 & M14 0 instruct B1 Slab in Carriageway 12 03-Mar-18 instruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@ 22 29-Dec-17 approp/Remove Falsework/Sand Blow-out 12 18-Feb-18 stall void former on AEL tunnel @GL 1-5/M and 1-5/K-L 7 19-Dec-17 app 10 - Construct carriage wall (A)/Column/GF Slab (GL 1 22 22-Jan-18 mal Wall (C) & Carriage Wall (A&B) - (GL 5-7 K-L) 22 2-Jan-18 gage 10 - Construct Carriage External Wall (C&B)- 18 29-Jan-18 stall void former /Construct Carriage External Wall (C&B)- 18 29-Jan-18 age 10 - Install void filter material on AEL Tunnel (GL 5-8/J- 8 03-Mar-18 age 11 - Construct carriage wall (A) (GL 5-8/J -L) 22 13-Mar-18 age 12 - Construct / Excauation retaining wall (GL 5-7/H-K) 16 09-Feb-18 age 11 - Removal of stability prop & de-prop 3F falsework 5 14-Feb-18 age 12 - Onstruct wall, column & GF slab (GL 5-7/H-M) 10 12-Apr-18 age 12 - De-prop GF (GL 5-8/H-M) 3 05-May-18 age 12 - Construct wall, column & GF slab (G	Implete External Wall @GL 1-7/M & H/O M13 & M14 0 24-Jan-18 Instruct B1 Slab in Carriageway 12 03-Mar-18 14-Mar-18 instruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@ 22 29-Dec-17 24-Jan-18 ispprop/Remove Falsework/Sand Blow-out 12 18-Feb-18 02-Mar-18 ispprop/Remove Falsework/Sand Blow-out 4 12-Apr-18 17-Apr-18 isperop/Remove Falsework/Sand Blow-out 4 12-Apr-18 17-Apr-18 iskework Biv GL 5-7/H-M Removed 0 29-Jan-18 18 stall void former /Construct Carriage External Wall (C&B)- 18 29-Jan-18 18-Feb-18 age 10 - Construct B1 slab (GL 5-8/J-L) 11 17-Apr-18 30-Apr-18 age 11 - Construct arriage wall (A) (GL 5-8/J-L) 22 13-Mar-18 13-Mar-18 age 11 - Construct / Excauation retaining wall (GL 5-7/H-K) 16 0 9-May-18 age 11 - Removal of stability prop & de-prop 3F falsework 5 14-Feb-18 12-Feb-18 age 12 - Do-prop Carriage wall (GL 1-8/M) 3 05-May-18 03-Mar-18 age 12 - De-prop GF (GL 5-8/H-M) 3 05-May-18 03-Mar-18 age 12	Implete External Wall @GL 1-7/M & H/O M13 & M14 0 24-Jan-18 Ya-Jan-18 Instruct B1 Slab in Carriageway 12 03-Mar.18 14-Mar-18 Ya-18 Instruct Carriage Wall (C)-GL 1-5/K-L & External Wall (B)@ 22 29-Dec-17 28-Dec-17 28-Dec-17 Istall void former on AEL tunnel @GL 1-5/M and 1-5/K-L 7 19-Dec-17 28-Dec-17 28-Dec-17 48-18 maid Wall (C) & Carriage Wall (A)Column/GF Slab (GL 1 22 22-Jan-18 15-Feb-18 03-Mar.18 48-18 mad Wall (C) & Carriage Wall (ABB) - (GL 5-7 K-L) Pprop/Remove Falsework/Sand Blow-out 4 12-Apr.18 17-Apr.18 48-18 get 10 - Construct B slab (GL 5-8/H-L) 11 17-Apr.18 30-Apr.18 48-18 aget 11 - Construct Carriage External Wall (C&D-8/J-L) 22 13-Mar.18 13-Mar.18 48-18 aget 10 - Construct Carriage wall (A) (GL 5-8/J -L) 22 13-Mar.18 13-Mar.18 48-18 aget 11 - Construct Carriage wall (A) (GL 5-8/J -L) 22 13-Mar.18 13-Pabr.18 14-18 aget 12 - Construct J Kauadion retaining wall (GL 5-7/H-K) 3 10-Feb-18 03-Mar.18 14-18 aget 11 - Removal of stab	mplete External Wall @0.1-7/M & H/O M13 & M14 0 24-Jan 18 • mstruct B1 Jab in Carriageway 12 03-Mar 18 14-Mar 18 12-Jar 16 12-Jar 16 12-Jar 17 14-Jar 18 12-Jar 18 14-Mar 18 Jar 18 14-Mar 18 Jar 18 14-Jar 18 14-Jar 18 14-Jar 18 Jar 18 14-Jar 18 Jar 1	mplete External Wall @GL 1-7/M & H/O M13 & M14 0 24-Jan-18 Vertain 18 instruct af 18 lab in Carriage wall (C)-GL 1-7/K + & External Wall (B)@ 22 02-Dec-17 24-Jan-18 Vertain 18 Vertain 18	mplete External Wall @GL 1:7/I/K & H/O M13 & M14 0 24-Jan-18 0.3 Mar-18 14-Mar-18 14-Mar-18	Implete External Wall (©.17/M. & In/O M3.8 M14 0 24-Jan-18 • A65740 Instruct Garingewy 12 03-Mar18 14-Mar18 Spr.18 Spr.18	mplete External Wall (©) (C, L1-5/K L & Dxternal Wall (E)) 2 2 29 Dec:17 24-Jan-18 be-1 be-1 A55780 mstruct E1 Sable (normigeway) 12 2 29 Dec:17 24-Jan-18 be-18 be-18 A55780 mstruct E1 Sable (normigeway) 12 13 #rbb-18 12 29-Dec:17 74-Dec:17 Ara-18 be-18 age 10 - Construct Carriage Wall (A) = (0.45 × TK-1) 7 19-Dec:17 Ara-18 Ara-18 Ara-18 Ara-18 age 10 - Construct Carriage External Wall (OS Carriage Mall (CAS) 18 29-Jan-18 Hap-18 Ara-18 Ara-18	mplete Educational Wull GigGL 17/M & MU/O M13 & M14 0 24 Jan 31 • • As5780 marture LB Stable normigeowny 12 03 Mur1 B 14 Mur1 35 Jayn 18 • As5780 • As5780 marture LB Stable normigeowny 12 03 Mur1 B 0 CMA 718 19 mol 15 As5780 • As5780 stable old former on AEL tunnel (eGL 15/M and 1.5/KL 7 19 Doc 17 28 Doc 17 Arin 18 As5780 • • Falsework1 stall wold former on AEL tunnel (eGL 15/M and 1.5/KL 7 19 Doc 17 28 Doc 17 Arin 18 Ord 18 Ord 17/M Am/Ord 20 • Falsework1 stall wold former Construct Carrage Statemal Wall (CAB) 12 Apr18 17 Apr18 Bor 18 Ord 18 Ord 18/M As 71 Apr18 IA-Mar18 IA-M	might extensitivation Might might is // Might is /	might extend Val (0):01.3 (0):13 (0):10 0 22.4.3m-18 • <	market science/ Nail Bioleval 0 24.4a-18 • markut Bi Shin Longeway 12 0 Mark Bi Anton Bioleval 12 markut Bi Shin Longeway 12 0 Mark Bi Anton Bioleval 12 particular Shin Longeway 12 20

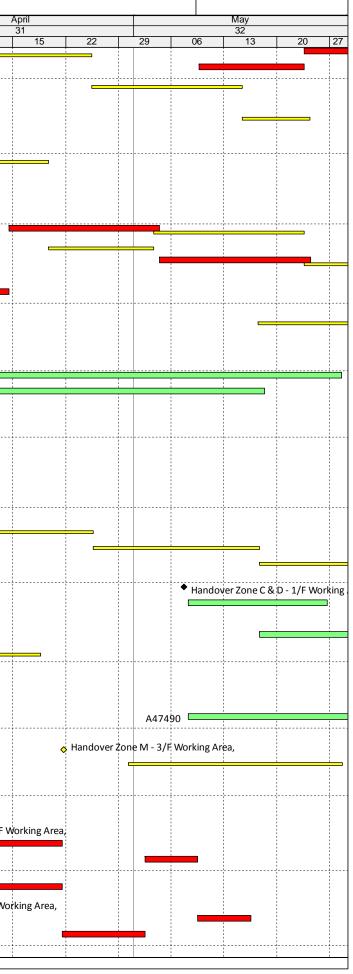
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ctivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actua	II				Februar 29	ry			March 30	า			
		Dui.	No.Do Staft	Finish	; oreca	s 21	2	28	04	11	18		25 04	11	18	25	01	08
WB45 Cor		11	12 Dec 17	29 Dec 17	-oh 1	0												
A60019 A60017	Stage 2 - Deprop WB45, WB44, 1MF slab & beams (GL 8-11 Stage 2 - Propping & Construct WB45, WB44, 1MF slab & b	11	13-Dec-17 30-Nov-17		-													
	Stage 2 - Propping & Construct WB45, WB44, 1MF slab & bi	11	17-Nov-17						, , , ,									
	Stage 2 - T3 Deprop and Stability Prop installation Complete	0	17-100-17	20-Oct-17	566-1	/		♦ Sta	e 2 - T3 Der	mon and S	tability Prop	installa	ion Complete (mod	ular tower i	emoval start)		
WB11 Cor		0		20-001-17				Sta			tuo in p	linscana	ion complete (mou			"		
	Stage 5 - 2F slab Concrete Curing	3	30-Jan-18	02-Feb-18	/lar-1	8												
A60120	Stage 5 - Construct 2F slab (GL 8-11/D-H)	27	28-Dec-17	30-Jan-18	lov-1	7 🗕												
A60020	Stage 5 - Propping & Construct WB11 (Section X), 1MF slab	32	30-Nov-17	10-Jan-18	⁼ eb-1	8			1		1	1						
A60137	Stage 6 - 3F Concrete Curing	3	28-Feb-18	03-Mar-18	۹pr-1	8												<u> </u>
A60050	Stage 6 - Concrete Curing of 1F beam & 2F slab (GL 8-9/F-H)	3	18-Jan-18	21-Jan-18	/lar-1	8				1								
A60136	Stage 6 - Construct 2F wall, column & 3/F slab (GL 8-11/D-F	22	30-Jan-18	28-Feb-18	/lar-1	8 🗕	-				-		-					1
A60060	Stage 6 - De-prop 1MF (GL 8-11/F-H) (together w/ Zone K 8	6	02-Feb-18	09-Feb-18	/lar-1	8												<u>.</u>
A60065	Stage 7 - Construct B1 Slab (GL 8-11/D-H)	22	26-Mar-18	25-Apr-18	lun-1	8												
A60070	Stage 7 - Construct GF column & slab (GL 8-11/E-H)	20	12-Apr-18	07-May-18	1ay-1	8												-
A60090	Stage 7 - GF Concrete Curing	1	07-May-18	08-May-18	lun-1	8			1									
A60138	Stage 8 - De-prop 2F (GL 8-11/D-J)	3	03-Mar-18	07-Mar-18	۹pr-1	8												
A60110	Stage 8 - Construct 1F hanger column & walls (GL 9-11/D-J)	14	08-May-18	25-May-18	lun-1	8			1									ļ
	Stage 8 - Construct Found Space	0			۹pr-1	8												
	inema (G.L 9-10 / G-H)	42	12 4 10	26 14-140														
	Construct B1F-LGF walls, columns, 40-seat cinema inclined : Wall @ GL 8-11/D-F	42	12-Apr-18	26-IVIAy-18	lun-1	8												_
		6	28-Feb-18	07-Mar-18	Apr-1	8												
	Stage 4 - Construct retaining wall @B2F +2 to +6mPD @GL 8	9	20-Mar-18		· ·												· · · · · · · · · · · · · · · · · · ·	
		11	07-Mar-18	· ·	· ·													
	Stage 4 - Excavate existing GF @ +5mPD to +2mPDF @ GL 8-	11	12-Feb-18		· ·	_							_					-
	Stage 4 - Remove strut @ GL 8-11/D-F	2	09-Feb-18		· ·				-	<u> </u>								
Zone K & I	(Revised Sequence) @GL 8-11/H-M (K, L & P de-prop togethe	er)		J												<u></u>		
A60235	Propping for 3/F	0			/lar-1	8							A60235					
A60260	Stage 10 - De-prop 2F (GL 8-11/H-M)	7	09-May-18	17-May-18	lun-1	8												
A60215	Stage 7 - Concrete Curing of WB11, 1MF, 2F beam	7	10-Mar-18		· ·	_			- - -				A60215 🕇					
A60195	Stage 7 - Propping & Construct WB11 (Section Y & Z), 1MF s	25	18-Dec-17															
A60218	Stage 8 - Construct B1 slab (GL 8-11/H-K)	25	26-Mar-18	27-Apr-18	lun-1	8												
A60217	Stage 8 - Deprop WB11 (GL 9-10/H-K) & 1MF beam & 2F sla	6	19-Mar-18		· ·			+						A6021	7			
A60240	Stage 8 - Propping & Construct 1MF column, wall & 2F slab	25		20-Feb-18							-							
A60225	Stage 9 - Construct GF slab (GL 8-11/H-M)	25	28-Apr-18				<	J										
	Stage 9 - Propping & Construct 2F column, wall & 3F slab (G	25	03-Apr-18	03-May-18	۹pr-1	8		\rightarrow										1
	Cinema (G.L. 8-10 / H-K) Construct GF hanger columns	16	18-May-18	06-lun-18	1	8			· 									
	Construct LGF-GF walls, columns, beam, GF slab	16	28-Apr-18															
	ructure Zone E, G & J (Deferred Zone Near T3 & T4)	10	20-Api-10	17-10189-10	Tun-1	5												
	GL 8-11/A-C (not within deferred zone)																	
A16940	Stage 8 - Complete Zone E	0		14-Nov-17					Stage 8	- Comple	ote yours E,							
A16930	Stage 9 - De-prop 1MF & 3F Slab	6	08-Nov-17	14-Nov-17	Jan-1	8			1		-							
	n of Stability Prop for T3 & T4	0		20-Oct-17				Cto	a E Comp									
	Stage 5 - Complete T3 stability prop	0				_		1	ge 5 - Compl ge 5 - Compl									
A16990	Stage 5 - Complete T4 stability prop	0	20.0+17	30-Oct-17		_		Sta	ge 5 - Compi	ete 14 sta	bility prop,							
A16960 A16980	Stage 5 - Install T3 stability prop Stage 5 - Install T4 stability prop	1	20-Oct-17 30-Oct-17		-													
	onnecting Zone @GL 8-11/C-D	1	50-0ct-17	50-0cl-17	lug-1	/												
A17010	Stage 7 - Construct 2/F beam & slab (GL 11-8/C-D)	16	01-Feb-18	23-Feb-18	lov-1	7												
A17040	Stage 8 - 1F, GF, 2/F & 3F slab Concrete Curing	3	16-Mar-18											A17040 🗖				
A17015	Stage 8 - 2/F Concrete Curing	3	23-Feb-18		· ·							<u> </u>						
A17020	Stage 8 - Construct 2/F beam & 3/F slab (GL 11-8/C-D)	16	23-Feb-18	14-Mar-18	⁻ eb-1	8												
A65190	Stage 8 - Construct B1/F slab	0			/lar-1	8						'						
A17060	Stage 9 - Complete De-propping 1MF for E1 & E2	0		12-Apr-18														\$
A17030	Stage 9 - Construct B1-GF wall, column & slab (GL 11-10/C-I	16	26-Feb-18	16-Mar-18	/lar-1	8						_					1	-
A17050	Stage 9 - De-prop GF (GL 14-13/A-G) & 3F (GL 13-11/A-G)	3	09-Apr-18	12-Apr-18	1ay-1	8												
A17025	Stage 9- Construct GF-1F Wall/Column Slab (GL 11-8/C-D)	16	16-Mar-18	09-Apr-18	۹pr-1	8	J											
	GL 11-14/A-F (Revised Sequence)																	
GL 11-14/I	B-E (B1 to L3)						i		1			i						1

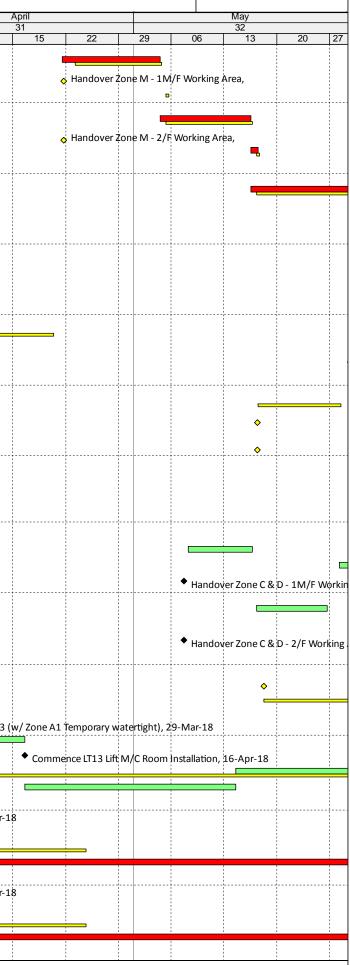


tivity ID	Activity Name	CMWP	CMWP -	CMWP	Actua					February	/	Ī			March	1			
		Dur.	R0.D8 Start	-R0.D8	/	21	28		04	29 11	18	25		04	30 11	18	25	01	08
A63220	Construct B1 Slab	16	06-Apr-18	Finish 25-Apr-18	^c oreca: 1ay-18				04		10	23	`	J 4	- 11	10	23		00
A63200	Construct B1-GF Wall/Column/Slab and above 3/F Struc	ture 11	20-Mar-18	06-Apr-18	1ay-18	3												<u> </u>	
A63280	Construct GF-1F Wall/Column/Slab, Hanger Column to 2	1MF 16	25-Apr-18	15-May-18	lun-18	3		1										-	
A63245	Stage 8 - Construct 1MF-2F walls (Gallery) , column & sla	ab (+ 22	06-Jan-18	01-Feb-18	Dec-17	/	1												
A63250	Stage 8 - Construct escalator structure (GL 12-11/D)	7	15-May-18	24-May-18	lun-18	3													
A63255	Stage 9- Construct 2F-3F, Wall/Column/Slab (GL 11-14/	B-E) 16	14-Mar-18	06-Apr-18	/lar-18	8						7					1	 _	
GL 11-14/A	A-B (B1 to L3)																		
	Stage 8 - Construct 3/F beam & slab (GL 14-12/A-B)	11	06-Apr-18	19-Apr-18	Jan-18	3													
	E-F (B1 to L3)	1 6	27 Nov 17	15 Dec 17	Joh 19	,													
	Stage 6 - Propping & Construct 1MF slab (GL 11-14/E-F) 3L 11-14/H-F	-co 16	27-Nov-17	15-Dec-17	-en-19	•													
A46350	Construct 2F Slab (GL 11-14/E-H)	22	13-Jan-18	08-Feb-18	/lar-18		1											+	
A46370	Construct B1 slab (GL 11-14/E-H)	16	03-May-18	23-May-18	۹pr-18	3	[-	
A46360	Construct Wall, Column & 3F slab (GL 11-14/E-H)	11	19-Apr-18	03-May-18	lun-18	3													
A46380	Construct Wall, Column & LGF, (Cinema), GF slab (GL 11-	-14/ 16	23-May-18	11-Jun-18	1ay-18	3													
A46340	Construct WB15 (GL F- H+) ,1MF Slab, Wall, Column (GL	11- 22	15-Dec-17	13-Jan-18	- eb-18	3	1							-					
A46355	De-prop 1MF (GL 12-14/E-H)	3	08-Feb-18	12-Feb-18	۹pr-18	8			_										
Auditoriur			1																
	Stage 10 - Construct auditorium beam & slab (GL 10-13)		17-May-18	08-Jun-18	lun-18	3 -													
	Glass Wall & Skylight (By RedLand, Permasteelis	a)																	
A41110	eelisa) Preliminary Works Handover of Working Areas @ Zone A & provide reference	ce li 0		21-Dec-17									Hand	lover a	f Working A	reas @ 7one	A & provid	e reference l	line.
A41130	Submission of Embeds Survey Report	54	10-Jan-18	17-Mar-18	/ar-18		- <u>-</u>												
A41130	Surveying for Embeds	54		01-Mar-18			-						, Ļ			I I	1 1	<u> </u>	
1/F to 2/F Le		54	22 Dec 17	01 10101 10		,							-						
	teelisa) Glass Wall with Ceramic/Ceramic Mullion/Preca	st Concrete																	
Zone A A46700	PISA-Install Glass Wall with Ceramic Mullion @ GL 3-4/E-	C/I 19	15 Jan 19	03-Feb-18	Jun 10	,													
A46700	PISA-Install Glass Wall with Ceramic Tube w/ PC & AL Par			10-Mar-18	-														
Zone H			03-160-18	10-10101-18	Jui-10														
A46620	Handover Zone H - 1/F Working Area	0		12-Feb-18						\$									
Zone E			1																
A46610	Handover Zone E - 1/F Working Area	0		12-Apr-18		_													\$
A46730	PISA-Install Ceramic Tube @ GL 9-11/B-F (FAC-CE-02a)	11		25-Apr-18		-													_
A46740	PISA-Install Glass Wall with Ceramic Mullion @ GL 8-9/C-		-	17-May-18		-													
A46750	PISA-Install Glass Wall with Ceramic Tube w/ PC & AL Par	nel (18	17-May-18	08-Jun-18	Sep-18	3													
Zone C & D A46680	Handover Zone C & D - 1/F Working Area	0		22-Feb-18															
A46080	PISA-Install Ceramic Tube @ GL 5-6/J-K, 2-3/K-M (FAC-C		23-Eab-18	13-Mar-18		2					A46950								
A46940	PISA-Install Glass Wall with Ceramic Mullion @ GL 2-5/H-			06-Apr-18		-	-												
A46930	PISA-Install Glass Wall with Ceramic Mullion @ GL 2-5/J-	•		21-Mar-18								Δ	16930 🗕						
A46980	PISA-Install Glass Wall with PC & AL Panel @ GL 2-3/K-L (18-Apr-18	-														
A46970	PISA-Install Glass Wall with PC & AL Panel @ GL 2-5/ K-1	•	23-Mar-18																
3/F Roof Lev			23-10101-10	07-Api-18	Juli	,										_			_
(By Permas	teelisa) Skylight/Ceramic Cladding/Storefront						-												
		GL 0			40110	,													
A47490 Zone M, F	Install Precast Wall & Roof Cladding (Skylight Gallery) @	GL U			1ay-18	•													
A47590	Handover Zone M - 3/F Working Area	0		21-Apr-18												•			
A47370	Install L3 Storefront @ GL 7-8/B-E (FAC-CW-08a,08b)	23	30-Apr-18	28-May-18	Sep-18	3													
M+ Podium	External Envelope (By Permasteelisa)																		
Zone A																			
A47635	zade Panel (1M/F External) Bracket Installation & Embed Remedial 1M/F @ GL 1/A-H	H 8	20-Jan-18	30-Jan-18	/ar-18													<u></u>	
A47033	Handover Zone A - 1M/F Working Area	0	20 3011 10	20-Jan-18		,											♦ _H	landover 70	one A - 1M/F
A47610	Install Podium Facade Panel Zone A - 1M/F @ GL 1/A-H (30-lan-18	08-Feb-18	Anr-19														
-	Install Podium Facade Panel Zone A - 1M/F @ GL 1-8/A (28-Feb-18	· ·	-													
A47660			0														+		
A47660 Podium Fac	ade Panel (2/F External)				-		÷	1 1				i						1	· · · · ·
	cade Panel (2/F External) Bracket Installation & Embed Remedial 2/F @ GL 1-8/A	8	30-Jan-18	08-Feb-18	4pr-18	3													-
Podium Fac		8	30-Jan-18	08-Feb-18 20-Jan-18	۹pr-18	3	-										♦ _H	andover Zo	one A - 2/F Wo
Podium Fac A47645	Bracket Installation & Embed Remedial 2/F @ GL 1-8/A						-					Ļ		-			◆ _H	andover Zo	ne A - 2/F W
Podium Fac A47645 A47160	Bracket Installation & Embed Remedial 2/F @ GL 1-8/A Handover Zone A - 2/F Working Area	0	28-Feb-18	20-Jan-18	1ay-18	5						-		-			◆ H	andover Zo	ne A - 2/F W

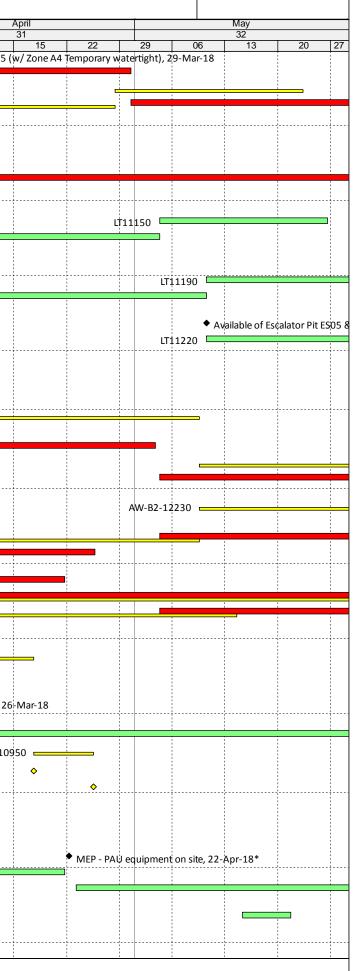


ctivity ID	Activity Name	CMWP		CMWP	Actua					February	,				March	1			
		Dur.	R0.D8 Start	-R0.D8 Finish		21	2	28	04	29 11	18		25	04	30	18	25	01	30
Podium Fa	acade Panel (1M/F External)			1 111311	- Oleca	5 21	-		01		10					10	20	01	
A22390	Bracket Installation & Embed Remedial 1M/F @ GL 7-8/A	10	23-Apr-18	04-May-18	4pr-18	3													
A22380	Handover Zone M - 1M/F Working Area	0		21-Apr-18														•	·
A22400	Install Podium Facade Panel Zone M - 1M/F @ GL 7-8/A (7 r	1	05-May-18	05-May-18	lun-18	3													
	acade Panel (2/F External)					_													
A22445	Bracket Installation & Embed Remedial 2/F @ GL 7-8/A	10	05-May-18			3													
A22440	Handover Zone M - 2/F Working Area	0		21-Apr-18		_								>				↓	
A22450	Install Podium Facade Panel Zone M - 2/F @ GL 7-8/A (7 no:	1	17-May-18	17-May-18	1ay-18	3													
Zone E	acade Panel (1M/F External)																		
A47675	Bracket Installation & Embed Remedial 1M/F @ GL 8-11/A	12	17-May-18	31-Mav-18	1av-18	3													
A47030	Handover Zone E - 1M/F Working Area	0	,	30-Oct-17	,			Hai	dover Zone	E - 1M/F W	orking Ar	a,				1 1 1	1		
	acade Panel (2/F External)																		
A47180	Handover Zone E - 2/F Working Area	0		30-Oct-17				🕈 Hai	dover Zone	E - 2/F Wor	king Area								
Zone H																			
	acade Panel (1M/F External)	-	02 4	12 4															
A47697	Bracket Installation & Embed Remedial 1M/F @ GL 11-14/N			12-Apr-18															
A47695	Bracket Installation & Embed Remedial 1M/F @ GL 14/H-M	7	14-Mar-18	22-Mar-18		5													
A47020	Handover Zone H - 1M/F Working Area acade Panel (2/F External)	0		14-Mar-18					+	÷							÷		
A47177	Bracket Installation & Embed Remedial 2/F @ GL 11-14/M	7	12-Anr-18	20-Apr-18	Jul-19	3													
A47175	Bracket Installation & Embed Remedial 2/F @ GL 14/H-M	7		03-Apr-18															
A47170	Handover Zone H - 2/F Working Area	0	22 mai 20	12-Feb-18						♦									
Zone L & K		U		12 1 65 10						`									
Podium Fa	acade Panel (1M/F External)				-														
A47785	Bracket Installation & Embed Remedial 1M/F @ GL 7-11/M	8	17-May-18	28-May-18	lun-18	3		+ 1											
A47060	Handover Zone L & K - 1M/F Working Area	0		17-May-18															
	acade Panel (2/F External)	-		47.14															
A47210	Handover Zone L & K - 2/F Working Area	0		17-May-18							+					 			
Zone N Podium Fa	acade Panel (1M/F External)																		
A22420	Bracket Installation & Embed Remedial 1M/F @ GL 7-8/M	4	18-Nov-17	23-Nov-17	-eb-18	3													
Podium Fa	acade Panel (2/F External)																		
A22465	Bracket Installation & Embed Remedial 2/F @ GL 7-8/M	4	23-Nov-17	28-Nov-17	eb-18	3													
Zone C & D			_	_															
A47075	acade Panel (1M/F External) Bracket Installation & Embed Remedial @ GL 1-7/M	8	23-Eeh-18	03-Mar-18	/av-18	2					A47075						1		
A47805	Bracket Installation & Embed Remedial @ GL 1/H-M	8		22-Mar-18										۵4	7805				
A47000	Handover Zone C & D - 1M/F Working Area	0	14 10101 10	22-Feb-18															
	acade Panel (2/F External)	0		2210010							+					 			
A47225	Bracket Installation & Embed Remedial @ GL 1-7/M	8	05-Mar-18	13-Mar-18	1ay-18	3							A47225						
A47235	Bracket Installation & Embed Remedial @ GL 1/H-M	8	23-Mar-18	04-Apr-18	lun-18	3										A47235 💳		<u> </u>	
A47220	Handover Zone C & D - 2/F Working Area	0		22-Feb-18															
	n Lift & Escalator Installation			·															
	1) @ Zone M																		
LT10470	Available of lift Shaft LT11 (w/ Tower A Weathertight)		18-May-18		\ug-18	-													
LT10475	Builders' Work for LT11 Lift Shaft & M/C Room	11	18-May-18	31-May-18	\ug-18	3													
Art Lift (LT1 LT10530	(3) @ Zone A1 Available of lift Shaft LT13 (w/ Zone A1 Temporary watertigh	0	20-Jan-18		/lar-18	2											۰ ۸.	vailable of li	ift Shaft I
	Builders' Work for LT13 Lift Shaft & M/C Room	-															A		
LT10535		11		02-Feb-18		-													
LT10540	Commence LT13 Lift M/C Room Installation	0	02-Feb-18	12 Jun 10	4pr-18			◆					T10560			1 1 1			
LT10560	Lift Car Installation (LT13)	80		13-Jun-18									T10560						
LT10550 Passenger	Lift M/C Room Installation @ B2/F (LT13) Lift, FS & Disable Lift (LT12) @ Zone A1	23	UZ-FED-18	05-Mar-18	+pr-18		LT1055							-					
LT10590	Available of lift Shaft LT12 (w/ Zone A1 Temporary watertigh	0	21-Dec-17		/lar-18	3			·		-		•	Available o	f lift Shaft LT1	2 (w/ Zone	A1 Tempora	ry watertig	ght), 03-1
LT10600	Builders' Work for LT12 Lift Shaft	23	22-Dec-17	20-Jan-18		-							📫				1		
LT10620	EMSD Inspection (LT12)	19		24-Apr-18													_		
LT10610	Lift Car Installation (LT12)	54		28-Mar-18						1									_
	Lift, FS & Disable Lift (LT14) @ Zone A4		00.1 10		· · · · · ·														
LT10640	Available of lift Shaft LT14 (w/ Zone A4 Temporary watertigh	0	21-Dec-17		/lar-18	3		1					• /	vailable o	f lift Shaft LT1	4 (w/ Zone	A4 Tempora	ry watertig	ht), 03-۱
LT10650	Builders' Work for LT14 Lift Shaft	23	22-Dec-17	20-Jan-18	/lar-18	3							- 📫						
LT10670	EMSD Inspection (LT14)	19	29-Mar-18	24-Apr-18	lun-18	3											_		
LT10660	Lift Car Installation (LT14)	54	22-Jan-18	28-Mar-18	4pr-18	3	<u> </u>	<u> </u>		<u>i</u>	:				<u>i</u>			-	<u> </u>
	Lift, Diable Lift (LT15, LT16 & LT17) @ Zone A4	1					1												

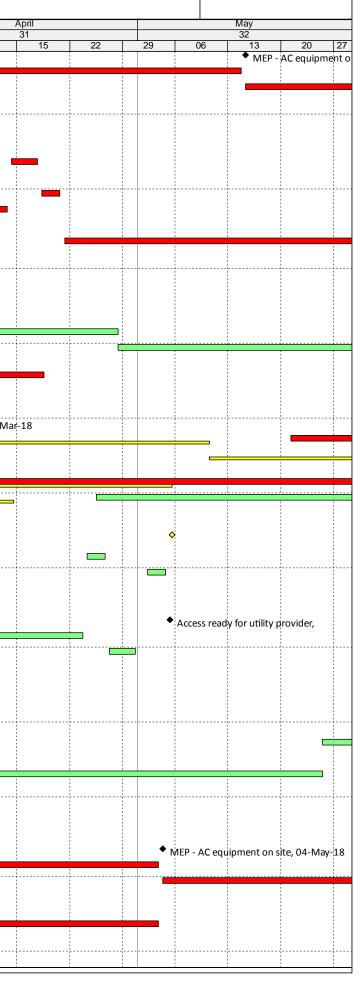




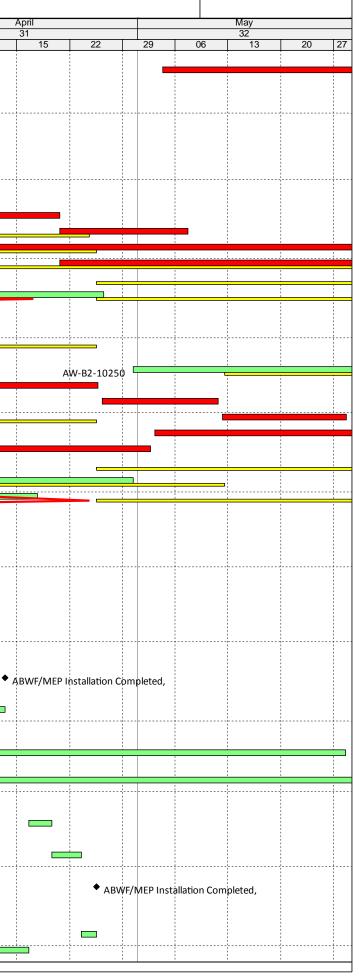
Activity ID	Activity Name	CMWP	CMWP -		Actual			February 29				Marcl 30	h	
		Dur.	R0.D8 Start	-R0.D8 Finish	orecas 21	28	04	11	18	25	04	11		01 08
LT10690	Available of lift Shaft LT15 (w/ Zone A4 Temporary water	tigh 0	20-Jan-18		/lar-18								Availabl	le of lift Shaft LT15 (
LT10700	Builders' Work for LT15, LT16 & LT17 Lift Shafts	23	20-Jan-18	20-Feb-18	/lar-18				<u> </u>					
LT10720	EMSD Inspection (LT15, LT16 & LT17)	19	28-Apr-18											
	Lifts Car Installation (LT15, LT16 & LT17)	54	20-Feb-18	28-Apr-18	4pr-18									
	ft, FS Lift (LT21 & LT22) @ Zone E		14 Nov 17		-ab 10				6 1721 0	IT22 (w/ 700	e E Temporary	watartight)	06 Eab 18 A	
LT10820	Available of lift Shaft LT21 & LT22 (w/ Zone E Temporary v		14-Nov-17	11 Dec 17	⁻ eb-18		Availat					watertight),	00-Feb-18 A	
LT10830	Builders' Work for LT21 & LT22 Lift Shaft	23	15-Nov-17 20-Feb-18											
LT10850	EMSD Inspection (LT21 & LT22)	19												
LT10840 Escalators (E	Lifts Car Installation (LT21 & LT22)	54	12-Dec-17	15-FeD-18	//df-18									
LT11130	Available of Escalator Pit ES01 & ES02 at Zone E	0							·	🕈 Available	of Escalator P	t ESO1 & ES	02 at Zone E,	
LT11150	EMSD Inspection (ES01 & ES02)	0			1ay-18									
LT11140	Escalators ES01 & ES02 Installation	0			-eb-18				LT1114)	i i	i i		
Escalators (E	S03 & ES04) @ Zone A B1F to GF			;										
LT11170	Available of Escalator Pit ES03 & ES04 at Zone A	0			/lar-18						Available of	Escalator Pi	it ES03 & ES04 at Zone A, 03-N	Mar-18
LT11190	EMSD Inspection (ES03 & ES04)	0			1ay-18						1	1 1 1		
LT11180	Escalators ES03 & ES04 Installation	0			/lar-18					LT11180		1		
	S05 & ES06) @ Zone A GF to 2F	0	i		1 10									
LT11210	Available of Escalator Pit ES05 & ES06 at Zone A	0			1ay-18									
LT11220	Escalators ES05 & ES06 Installation	0			1ay-18									
B2/F	nt & Podium ABWF & Building Services													
1. CSF/RDE														
Gerenal Are Corridor/Li	eas /BOH/ Corridor													
	ABWF-Ceiling Frame (FS Ceiling)	25	09-Apr-18	09-May-18	Jul-18									
	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 3-6)	25	02-Nov-17						<u> </u>					
	MEP 1st/2nd Fix-Pipes/duct/containment	50	01-Dec-17									;		
	MEP Dropper	25	09-May-18									1		
BS-B2-10	MEP- 2nd Fix (Cabling)/Install AC equipment & connect	tion 50	01-Feb-18	09-Apr-18	1ay-18	-								
	Storages Rooms (GL C' to J')			•	,									
AW-B2-1	ABWF-Ceiling Frame/Grid (Office Ceiling Area)	25	09-May-18	08-Jun-18	Jul-18									
AW-B2-1	ABWF-Wet Trade:T-Post/Block Wall/Rendering/Floor Scree	eed 25	01-Dec-17	03-Jan-18	Jan-18									
BS-B2-10	MEP- 2nd Fiix- Cabling/AC Equipment Installation/conne	ectic 50	06-Mar-18	09-May-18	1ay-18									
	MEP-1st/2nd Fix Installation	50	03-Jan-18	06-Mar-18	⁻ eb-18									
	Unloading Area Including Loading Bay										1			
	ABWF-Wearing Slab Construciton	46	02-Nov-17											
	HC-Construction Logistic/Temporary Site Storage Period		15-Jan-18	•							1	1		
	MEP 2nd Fix Installation-Cabling	54	06-Mar-18											
	MEP H/L 1st Fix Installation F Room (B2-1-005)	33	04-Dec-17	15-Jan-18	10V-17									
	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	28-Mar-18	17-Apr-18	lun-18								AW-B2-12370	
	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat pa		24-Nov-17					; 	-		i 1	i		
	BW-RC Plinth	19	02-Nov-17						<u>.</u>					
	MEP - AC equipment on site	0	20-Jan-18		Nar-18								MEP - AC equilibrium	uipment on site, 26
	MEP 1st / 2nd Fix	27	16-Dec-17	20-Jan-18					-			<u>.</u>		
	MEP Fan / LMCP Installation	54		28-Mar-18					<u> </u>					
	MEP- Equipment System Self-test/Start up	7	17-Apr-18											BS-B2-109
	MEP- Room Power On	0	p0	17-Apr-18										
	Ready for System T&C	0		25-Apr-18										
	(B2-1-807M & B2-1-808M)													
AW-B2-12	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	16-Mar-18	03-Apr-18	lun-18						AW-B2	-12400 💻		1
AW-B2-12	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat pa	aint 19	13-Nov-17	04-Dec-17	⁻ eb-18									
AW-B2-12	BW-RC Plinth/Waterproofing/Water Test	19	20-Oct-17	11-Nov-17	Dec-17				+					
BS-B2-11	MEP - PAU equipment on site	0	09-Jan-18		pr-18*									
BS-B2-109	MEP 1st / 2nd	27	05-Dec-17	08-Jan-18	ar-18*									
	MEP PAU / LMCP Installation	54	09-Jan-18	15-Mar-18	Apr-18				<u>-</u>			; 		
	ress (B2-1-801M) at GL D'-E' 4		0.4	44										
AW-B2-12	ABWF-Door/Ironmoaries	6	04-Jan-18								-			
	A DIA/E Dlipth /Coolor	21	02-Nov-17	27-Nov-17	/ar-18		i i	1	4 I		-			
AW-B2-12	Access for ABWF/MEP Installation	21	02-Nov-17	27 100 17	/lar-18			÷	֥				ABWF/MEP Installation, 10-Ma	



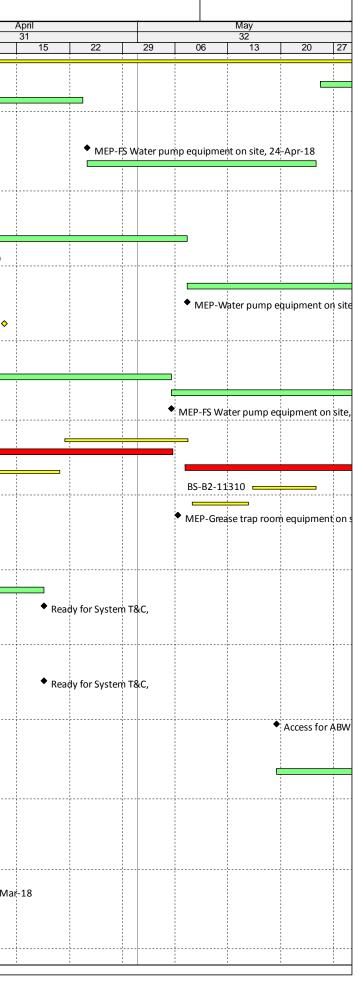
iy ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual					February 29					Marc 30	h			
DC D2 111				Finish	[:] orecas		2	8	04	11	18		25	04	11	18	25	01	C
	MEP - AC equipment on site	0	10-Jan-18	04 1 40	1ay-18														-
	MEP- 1st / 2nd Fix MEP- Air Duct/Fan/LMCP Installation	30		04-Jan-18	· ·	-													
		54		16-Mar-18		-													
	MEP- Fan Self Test	5	17-Mar-18	22-Mar-18				•											
AS-B2-10; ELV Room (MEP-Room Power On	0		17-Mar-18	3										•	>			
	ABWF-ceiling soffit & application of epoxy paint on wall	7	02-Nov-17	10-Nov-17	/ /ar-18	:	-												
	ABWF-Wall/ floor Final Paint	3		06-Dec-17		-													
	Access for ABWF/MEP Installation	0	02-Nov-17	00 200 17	/ar-18	-								•	Access for	ABWF/MEP	Installation,	10-Mar-18	
	ELV Room Door & ironmongeries installation	3		09-Dec-17				•			+								
	MEP-1st/2nd Fix Installation	19		02-Dec-17	· ·	-													1
	MEP-Final Fix					-													
		3		21-Feb-18	_														
	MEP/ELV-Equipment Rack/Cabling	54	09-Dec-17	14-Feb-18	· ·		-												
	Ready for T&C (FS)	0		21-Feb-18	;						♦								
	change Room (B2-1-806M) ABWF- ceiling soffit & application of epoxy paint on wall	7	18-Nov-17	27-Nov-17	/ Jan-18		1	 											
	ABWF-Concrete plinth and waterproofing & water test	7		10-Nov-17		-													
	ABWF-Concrete plinth and water proofing & water test ABWF-Floor Screeding & wall rendering (PD-B2GP-2460)	7		10-NOV-17 18-Nov-17		-													
	MEP-1st/2nd Fix-Pipe/duct/Containment Installation	54		01-Feb-18			:				:	:			1	1	1		:
							11070												
	MEP-Pump/HX/LMCC Installation/Final Connection er Pump (B2-1-801R)	27	U1-⊦ep-18	08-Mar-18	s ∣ +pr-18	D3-82	-110/0	′ <u> </u>											
	ABWF- ceiling soffit & application of epoxy paint on wall	7	22-Eeb-18	02-Mar-18	۱۹۲-18														
	ABWF-Concrete plinth and waterproofing & water test	7		10-Feb-18	· ·	-													
	ABWF-Floor Screeding & wall rendering (PD-B2GP-2460)	7		22-Feb-18		-													
				22-FED-10	_			·	7		·					♦ Accord	ess for ABWF		ation
	Access for ABWF/MEP Installation	0	02-Feb-18	10 10 10	/lar-18	-		♦								ALLE			ation
	MEP-1st/2nd Fix- Pipe/Duct/Containment Installation	54	02-Mar-18	· ·	·	-													
	MEP-Pumps/LMCC Installation and Connection ler Water Tank (B2-3-502R) & FS Tank (B2-3-604R)	27	10-May-18	12-Jun-18	Jul-18														
-	ABWF/MEP Installation in RDE FS Pump (Detail refer to CSF I	134	17-Nov-17	05-May-18	8 /ar-18	:													<u> </u>
	ABWF/MEP Installation in RDE Water Tanks (Detail refer to N	27		14-Apr-18	_								AW-B2	12520 -					
	Access for ABWF/MEP Installation	0	02-Nov-17	· ·	/ar-18	-									Access for		Installation,	10-Mar-18	
	Ready for Wet Fire System T&C	0	02-1100-17	05-May-18		-									Accession			10-11/101-10	
	com/Mobile Equipment Room @ GL J' , 4'-5'	0		05-1viay-10)														
	ABWF - Final coat of paint on wall / floor sealer	3	12-Dec-17	15-Dec-17	4pr-18	:													
	ABWF / Door & ironmongeries installation	3		22-Dec-17	· ·			•											
	ABWF-ceiling soffit & application of epoxy paint on wall	7		10-Nov-17		-													
	Access for ABWF/MEP Installation	0	02-Nov-17	10 100 17	/lar-18	-	-								Access for	ABWE/MEP	Installation,	10-Mar-18	
	Access ready for utility provider	0	02-1100-17	22-Dec-17		-													
	MEP 1st / 2nd fix	27	10 Nov 17	12-Dec-17															
								•											
	MEP final fix (ready for FS System T&C) m/Refrigrated Refuse Rooms @ GL A', 4'-5'	3	15-Dec-17	19-Dec-17	Apr-18														
	ABWF Wet Trade-Wall Rendering/FloorScreeding/ Tile	19	17-Nov-17	09-Dec-17	' ⁻ eb-18		-					<u> </u>							
	ABWF-Conner Protection/Door/Ironmongeries	7		28-Mar-18		-													
	Access for ABWF/MEP Installation	0	02-Nov-17	20-10101-10	-eb-18		-		•	Arress for (P Installa	tion 10	-Feh-18 A					
		-		17 Nov 17										-1 CD-10 A					
	BW-Waterproofing/Water Test MEP Final Fix (Ready FS System T&C)	13	02-Nov-17											C D2 102	20				
		7	12-Mar-18			-								S-B2-102	20				
	MEP-1st/2nd Fix Installation	19		04-Jan-18		-													
	MEP-Refrigated Refuse System	54	04-Jan-18	12-Mar-18	8 /lar-18										-				1
	above Recycling Room at GL A', 5' ABWF-Door/Ironmoaries	5	07-Mar-18	12-Mar-18	2 .1.1.18			• • • • • • • • •											
	ABWF-Plinth/Sealer	13		17-Nov-17		-										1			
Δ\ <u>Λ/_R</u> 2_1/		0	02-Nov-17	17-1000-17	/ar-18	-								•	Access for		Installation,	10-Mar-18	
	Access for ABWE/MED Installation	U	29-Dec-17			-									101		instanation,	10 10101-10	
AS-B2-10	Access for ABWF/MEP Installation	∩			1ay-18	-	-									1	i		
AS-B2-10 BS-B2-11	MEP - AC equipment on site	0		10 F (-	4- 4-			1							i i				
AS-B2-10 BS-B2-11 BS-B2-11	MEP - AC equipment on site MEP - 1st / 2nd Fix	27	17-Nov-17	19-Dec-17															
AS-B2-10 [°] BS-B2-11 [°] BS-B2-11 [°] BS-B2-11 [°]	MEP - AC equipment on site MEP- 1st / 2nd Fix MEP- Air Duct/Fan/LMCP Installation		17-Nov-17	19-Dec-17 06-Mar-18															
AS-B2-10 [°] BS-B2-11 [°] BS-B2-11 [°] BS-B2-11 [°] CSF Water F	MEP - AC equipment on site MEP- 1st / 2nd Fix MEP- Air Duct/Fan/LMCP Installation Pump Rooms at GL K',5'-6'	27 54	17-Nov-17 29-Dec-17	06-Mar-18	8 1ay-18														
AS-B2-10 BS-B2-11 BS-B2-11 BS-B2-11 CSF Water F AW-B2-12	MEP - AC equipment on site MEP- 1st / 2nd Fix MEP- Air Duct/Fan/LMCP Installation Pump Rooms at GL K',5'-6' ABWF-Door Frame/Door/Final Coat(Wall & Floor)	27 54 13	17-Nov-17 29-Dec-17 20-Feb-18	06-Mar-18 07-Mar-18	8 4ay-18 8 Jul-18														
AS-B2-10 BS-B2-11 BS-B2-11 BS-B2-11 CSF Water F AW-B2-12 AW-B2-12	MEP - AC equipment on site MEP- 1st / 2nd Fix MEP- Air Duct/Fan/LMCP Installation Pump Rooms at GL K',5'-6'	27 54	17-Nov-17 29-Dec-17 20-Feb-18	06-Mar-18	8 4ay-18 8 Jul-18										A		P Installation,	10.000	



tivity ID	Activity Name	CMWP	CMWP -	CMWP	Actua		February 29				March 30	1			
		Dur.	R0.D8 Start	-R0.D8 Finish	;oreca	21 28 04	29 11	18	2	5 04	30	18	25	01	0
BS-B2-11{	MEP - water pump on site	0	20-Feb-18		Jul-18			\$							
BS-B2-102	MEP 1st/2nd Installation/FS Pumps Set/Pipework/LMCC	50	16-Dec-17												
BS-B2-102	MEP- FS Pump Set/System Self-test/Start up	7	21-Mar-18	29-Mar-18	\ug-18						BS-B2-10	260 💻			
BS-B2-102	MEP- Room Power On	0		21-Mar-18											
BS-B2-102	MEP-Pumps/LMCC Installation/Connection	25	20-Feb-18	21-Mar-18	Jul-18										
	Ready for System T&C	0		29-Mar-18									◇		
2. Zone A, M	M, E, C reas: Corridor, Workshop, BOH office, Other Rooms														
Corridors/					_										
	ABWF-Soffit Sealer	7	01-Dec-17	09-Dec-17	Dec-17			:						[}
AW-B2-1	ABWF-Wearing Slab (GL 1-3)	13	29-Jan-18	13-Feb-18	Dec-17			: :		•					
AW-B2-1	ABWF-Wearing Slab (GL 3-6)	13	20-Mar-18	09-Apr-18	4pr-18								<u>i</u>		<u> </u>
AW-B2-1	ABWF-Wearing Slab (GL 6-10)	13	09-Apr-18	24-Apr-18	4pr-18										_
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 1-3)	54	13-Feb-18	25-Apr-18	۹pr-18										<u> </u>
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 3-6)	54	09-Apr-18	13-Jun-18	4pr-18		-					 		[] =
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 6-10)	40	25-Apr-18	13-Jun-18	lun-18										
BS-B2-10	MEP- 2nd Fix (Cabling)	54	25-Apr-18	30-Jun-18	[:] eb-18		BS-B2-10310		-			1			
BS-B2-10	MEP-1st/2nd Fix Installation (GL 1-3)	40	09-Dec-17	29-Jan-18	Jan-18				-						+
BS-B2-10	MEP-1st/2nd Fix Installation (GL 3-6)	40	29-Jan-18	20-Mar-18	Jan-18						i	·	-		
BS-B2-10	MEP-1st/2nd Fix Installation (GL 6-10)	27	20-Mar-18	25-Apr-18	Jan-18			:			1		T		<u>}</u>
BOH Work	kshop, Office and Facilities Rooms		, ,												
AW-B2-1	ABWF-H/L Steel Platform (GL 1-6)	54	12-May-18	18-Jul-18	۹pr-18										
AW-B2-1	ABWF-Wearing Slab (GL 1-3)	13	13-Jan-18	29-Jan-18	۹pr-18										
AW-B2-1	ABWF-Wearing Slab (GL 3-6)	13	05-Mar-18	20-Mar-18	۹pr-18		ļ								ļ
AW-B2-1	ABWF-Wearing Slab (GL 6-10)	13	10-Apr-18	25-Apr-18	1ay-18										-
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 1	54	30-Jan-18	11-Apr-18	1ay-18		1	1			1	1 1	i 		-
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 3	54	24-Nov-17	30-Jan-18	eb-18						1	1	1		1
AW-B2-1	ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer (GL 6	27	25-Apr-18	29-May-18	Jul-18										
BS-B2-10	MEP Ceiling mounted AHU Installation/Connection (GL 1-6,	54	05-Mar-18	12-May-18	eb-18		BS-B2-10370								
BS-B2-10	MEP- 2nd Fiix (Cabling)-(GL 1-10)	54	25-Apr-18	30-Jun-18	Jan-18		1	:	-		1	1			
BS-B2-10	MEP-1st/2nd Fix Installation (GL 1-3)	40	24-Nov-17	13-Jan-18	Jan-18			:							
BS-B2-10	MEP-1st/2nd Fix Installation (GL 3-6)	40	13-Jan-18	05-Mar-18	Jan-18						1	1	1		:
BS-B2-10	MEP-1st/2nd Fix Installation (GL 6-10)	27	05-Mar-18	10-Apr-18	Jan-18						!		<u> </u>		<u></u>
	Toilet Lobby														ļ
	bilet at GL 6,D ABWF-Block Wall	7	20_0ct_17	27-Oct-17	200-1-		1	:	1						
.		7													
	ABWF-Ceiling Close up/Ceiling Finish ABWF-Ceiling Grid/Ceilng Panel with Service Openings		19-Dec-17												
		7		14-Dec-17									÷		
	ABWF-Cublic Partition ABWF-Final Fix-Sanitaryware/Sink/Door	7 5		06-Jan-18 12-Jan-18											
				12-Jan-18 06-Dec-17			1								
	ABWF-Floor screeding/Wall Plastering/Tiling/Counter Steel ABWF/MEP Installation Completed	13 0	22-INUV-1/	21-Jan-18	Jec-17									'	
A3-02-1		U U	1	∠1-1011-10	1		:	:							
ר רח סם	MED Dropper		15 Dec 17	18 Dec 17	:ch 10					1	1		1		-
	MEP Dropper	3		18-Dec-17											
BS-B2-1	MEP Final Fix	3 7	13-Jan-18	20-Jan-18	۹pr-18										
BS-B2-1 BS-B2-1	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	3	13-Jan-18		۹pr-18										
BS-B2-1 BS-B2-1 Staff Toil	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Ilet at GL 6, C	3 7 13	13-Jan-18 30-Oct-17	20-Jan-18 13-Nov-17	۹pr-18 Jan-18										
BS-B2-1 BS-B2-1 Staff Toil AW-B2-	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	3 7 13	13-Jan-18	20-Jan-18 13-Nov-17	۹pr-18 Jan-18										
BS-B2-1 BS-B2-1 Staff Toll AW-B2- Staff Tol AW-B2	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : iile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet :	3 7 13 72 72	13-Jan-18 30-Oct-17	20-Jan-18 13-Nov-17 08-Feb-18	Apr-18 Jan-18										
BS-B2-1 BS-B2-1 Staff Toil AW-B2- Staff To AW-B2 Security Ct	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Ict at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ontrol Room & Security Equipmetn Rack Room (B2-1-048 & d)	3 7 13 72 72 049)	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18	Apr-18 Jan-18 Feb-18										
BS-B2-1 BS-B2-1 Staff I Cil AW-B2- Staff To AW-B2 Security Co AW-B2-1(MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Itet at GL G, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : iile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ontrol Room & Security Equipmetn Rack Room (B2-1-048 & C ABWF-Ceiling Frame w/service panels	3 7 13 72 72 049) 7	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17	Арг-18 Jan-18 ⁻ eb-18 Лаг-18										
BS-B2-1 BS-B2-1 Staff Toil AW-B2- Staff Toi AW-B2 Security Co AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ontrol Room & Security Equipment Rack Room (B2-1-048 & G ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up	3 7 13 72 72 049)	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18	Apr-18 Jan-18 Feb-18 Apr-18										
BS-B2-1 BS-B2-1 Staff Toil AW-B2- Staff Toi AW-B2 Security Cc AW-B2-10 AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ite at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ontrol Room & Security Equipmetin Rack Room (B2-1-048 & C) ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door	3 7 13 72 72 049) 7	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17	\pr-18 Jan-18 -eb-18 -eb-18 /ar-18 \pr-18 \pr-18										
BS-B2-1 BS-B2-1 Staff Toil AW-B2- Staff Toi AW-B2 Security Cc AW-B2-10 AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ontrol Room & Security Equipment Rack Room (B2-1-048 & G ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up	3 7 13 72 72 049) 7 3	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18	\pr-18 Jan-18 -eb-18 -eb-18 /ar-18 \pr-18 \pr-18										
BS-B2-1 BS-B2-1 Staff Toll AW-B2- Staff Tol AW-B2 Security Cc AW-B2-10 AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ite at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ontrol Room & Security Equipmetin Rack Room (B2-1-048 & C) ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door	3 7 13 72 72 049) 7 3 3 3	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17 04-Jan-18	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17	\pr-18 Jan-18 Feb-18 Apr-18 Apr-18 Apr-18										
BS-B2-1 BS-B2-1 Staff Tol AW-B2- Staff To AW-B2 C AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ite at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet i ontrol Room & Security Equipment Rack Room (B2-1-048 & C ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint/Carpet	3 7 13 72 72 049) 7 3 3 3 3	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17 04-Jan-18	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17 06-Jan-18	\pr-18 Jan-18 Feb-18 Apr-18 Apr-18 Apr-18										
BS-B2-1 BS-B2-1 Staff Tol AW-B2- Staff To AW-B2 CAW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Itet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint/Carpet ABWF-Wet Trade (up to 1st coat painting) - Ceiling/Wall/Flo	3 7 13 72 72 049) 7 3 3 3 3 19	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17 04-Jan-18 20-Oct-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17 06-Jan-18 11-Nov-17	Apr-18 Jan-18 Feb-18 Feb-18 Aar-18 Apr-18 Dec-17										
BS-B2-1 BS-B2-1 Staff Toil AW-B2- Staff Toi AW-B2 CAW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 BS-B2-104	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Itet at GL G, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : Itet at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ABWF-Room & Security Equipmetic Rack Room (B2-1-048 & C) ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint/Carpet ABWF-Wet Trade (up to 1st coat painting) - Ceiling/Wall/Flo ABWF/MEP Installation Completed	3 7 13 72 72 049) 7 3 3 3 3 19 0	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17 04-Jan-18 20-Oct-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17 06-Jan-18 11-Nov-17 10-Jan-18	Apr-18 Jan-18 Feb-18 Feb-18 Apr-18 Apr-18 Apr-18 Apr-18 Jan-18 Jan-18 Jan-18										1
BS-B2-1 BS-B2-1 Staff Toi AW-B2- Staff Toi AW-B2 Security Ct AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 AW-B2-10 BS-B2-104 BS-B2-104	MEP Final Fix MEP-Low Level P&D Pipework, H/L 1st/2nd Fix Idet at GL 6, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ile at GL 2, C ABWF/MEP Installation in Toilet (Detail refer to Public Toilet : ontrol Room & Security Equipment Rack Room (B2-1-048 & C) ABWF-Ceiling Frame w/service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint/Carpet ABWF-Wet Trade (up to 1st coat painting) - Ceiling/Wall/Flo ABWF/MEP Installation Completed MEP H/L and Walll 1st/2nd Fix MEP Installation	3 7 13 72 72 049) 7 3 3 3 3 3 19 0 19	13-Jan-18 30-Oct-17 14-Nov-17 21-Nov-17 05-Dec-17 30-Dec-17 16-Dec-17 04-Jan-18 20-Oct-17 13-Nov-17 13-Dec-17	20-Jan-18 13-Nov-17 08-Feb-18 20-Feb-18 12-Dec-17 03-Jan-18 19-Dec-17 06-Jan-18 11-Nov-17 10-Jan-18 04-Dec-17	Apr-18 Jan-18 Feb-18 Apr-18 Apr-18 Apr-18 Jan-18 Jan-18 Jan-18 Jan-18 Jan-18										



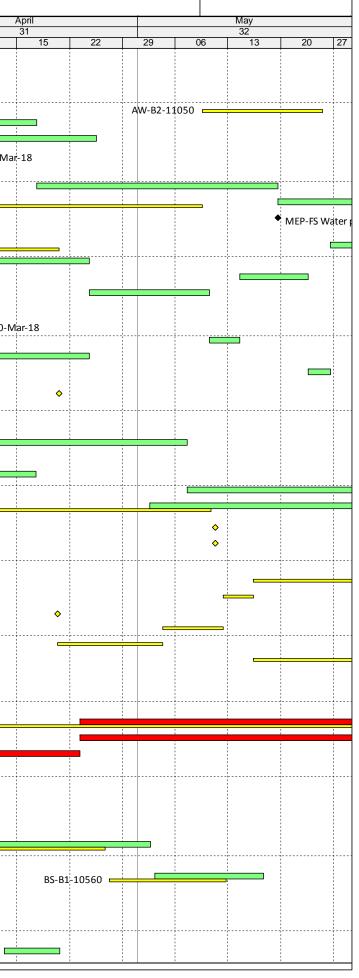
ctivity ID	Activity Name	CMWP	CMWP -	CMWP -R0.D8	Actual					February 29				March 30				
		Dur.	R0.D8 Start	Finish	; orecas	21	2	8	04	11	18	25	04		18	25	01	08
	MEP-Security Equipement Rack/Equipement/System Install	120	22-Mar-18	18-Aug-18	ın-18*									BS-B2-1191	0 💻			<u>;</u> ;
	Imp Room (B2-1-500F)	10	00 Mar 10	22 Mar 18	An. 10								-B2+10730 =					
	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13		23-Mar-18			-					AW	-BZ-10750 L					
	MEP 1st/2nd fix- Pipe/duct/containment Installation	50		03-Feb-18										BS-B2-11	160 -		<u></u>	
	MEP- Pump Set/System Self-test/Start up MEP- Room Power On	7	24-IVId[-18	04-Apr-18 24-Mar-18										B3-B2-11	.100 -			
	MEP-FS Water pump equipment on site	0	04-Feb-18	24-IVId[-18	Apr-18													
	MEP-Pumps/LMCP Installation/Connection	25		08-Mar-18	· ·	-	BS-B2-	10530	<u>ہ</u>									
	Ready for System T&C	0	03-160-18	06-Apr-18	· ·	-	05-02-	10550										
	Pump Room (B2-1-600M)	0		00-Api-18													×	
	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	16-Mar-18	03-Apr-18	lun-18								AW-E	32-10750			<u> </u>	
BS-B2-11:	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	19	13-Nov-17	04-Dec-17	Jan-18	_												
BS-B2-11:	MEP 1st/2nd fix Pipe / containment Installation	54	05-Dec-17	08-Feb-18	Jan-18												 	<u> </u>
BS-B2-112	MEP- P&D Pump Set/System Self-test/Start up	7	04-Apr-18	12-Apr-18	lun-18											BS-B2-11	220	<u> </u>
BS-B2-112	MEP- Room Power On	0		04-Apr-18				1										
BS-B2-112	MEP-Pumps/LMCC Installation and Connection	27	09-Feb-18	15-Mar-18	1ay-18			BS-B2	-11200 📥									
BS-B2-11≀	MEP-Water pump equipment on site	0	09-Feb-18		1ay-18													
AS-B2-10!	Ready for System T&C	0		13-Apr-18														♦
	np Room (B2-1-506M)																	÷
	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13		03-Apr-18									AW-E	32-10780		1 	<u> </u>	
	ABWF-Wet Trade (Plastering/Floor Screeding/1st coat paint	-		04-Dec-17		_												<u> </u>
	MEP 1st / 2nd fix / Pipework	54		08-Feb-18		-	1											
	MEP-FS Pumps / LMCC Installation and Connection	27		15-Mar-18		-		BS-B2	-11250 📥									
	MEP-FS Water pump equipment on site	0	09-Feb-18		1ay-18													<u>.</u>
	p Rm for Podium (B2-1-604M) ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	21_Apr-18	07-May-18	.1.1.18													
	MEP 1st / 2nd Fix	54		08-Feb-18		-					1							1
	MEP Greasp Trap Installation	54		20-Apr-18		-												<u> </u>
	MEP- Equipment System Self-test/Start up	7		24-May-18	-	-												
	MEP- Room Power On	7		15-May-18														
	MEP-Grease trap room equipment on site	0	09-Feb-18	15 100 10	1ay-18				\$									
	Rainwater Water Tank at GL A, 9-10		0510010		147 20				×									
AW-B2-10	ABWF-MW-Cat Ladder/Hatch Cover	13	05-Dec-17	19-Dec-17	/lar-18													
AW-B2-10	ABWF-Wet Trade-Rendiering/Tile	19	13-Nov-17	04-Dec-17	Jan-18													
AS-B2-10	Access for ABWF/MEP Installation	0	20-Oct-17		⁻ eb-18		1		Access	for ABME/	HEP Insta	llation, 06-Fe	eb-18 A					
BS-B2-11:	MEP-Pipework Assessiors and Final connection	13	20-Dec-17	06-Jan-18	ar-18*													1
	Ready for System T&C	0		07-Jan-18														
	S Water Tanks along GL A																	
	ABWF-MW-Cat Ladder/Hatch Cover	13		14-Feb-18														
	ABWF-Wet Trade-Rendiering/Tile	27		30-Jan-18		_	-											
	MEP-Pipework Assessiors and Final connection	19	14-Feb-18	12-Mar-18									1					
	Ready for System T&C Space (B2-1-051)	0		12-Mar-18										◇				
	ABWF-Wet Trade-Patching up tie-bolt/Ceiling/Wall(2m belo	13	08-Feb-18	26-Feb-18	lun-18		AM	V-B2-1	0900 📥									
	Access for ABWF/MEP Installation (GF Slab@ zone B cast/de	0	16-Jan-18	20.00 20	1ay-18											, ,		
	BW-Fairface Concrete Defect Rectification	7		07-Feb-18			10890											
	GW-Dismentle Scaffold	7		10-Apr-18										А	W-B2-1	0910 📥		<u> </u>
	GW-Erect Common Scaffold (2m below Soffit)	13		30-Jan-18		-												
	MEP H/L 1st/2nd/Final Fix Installation (Including FS Device)-	19		20-Mar-18		-					BS-B2-1	1370						
	MEP Installation under Soffit Completed/Tested/Inspected	0		29-Mar-18												^		
	MEP-FS Device/Loop Test under Soffit -Test/Inspected	7	21-Mar-18	28-Mar-18		_								BS-B2-11380		`		
2. Zone D1 0	GL 1-5/J-M																	
	(B2-1-809R)	-	04.11	07.00								2 14040						
	ABWF-Door/Ironmoaries	5		07-Mar-18							AW-	32-11010 =						
	ABWF-Plinth/Sealer	7		10-Feb-18		-	ва-1100								A		MED IN 1	
	Access for ABWF/MEP Installation	0	02-Feb-18	02.1.1-	Nar-18			\$							Acces	s for ABWF/	MEP Installa	uon, 20-Ma
	MEP - AHU equipment installation / Connection	25		03-Apr-18							BS-	82-11140 =						
	MEP-1st / 2nd fix - Pipe / Duct / Containment Installation	13		01-Mar-18												DC D2 444	120	
	MEP- AHU/systemSelf Test	5	-	10-Apr-18												BS-B2-111		
BS-B2-11	MEP-AHU equipment on site	0	01-Mar-18		/lar-18						1	♦		MEP-AHU equipm	ient on	site, 09-Mai	Γ <u>18</u>	<u> </u>



Three Months Rolling Programme (3MRP) - Mth 29 - 28 February 2018

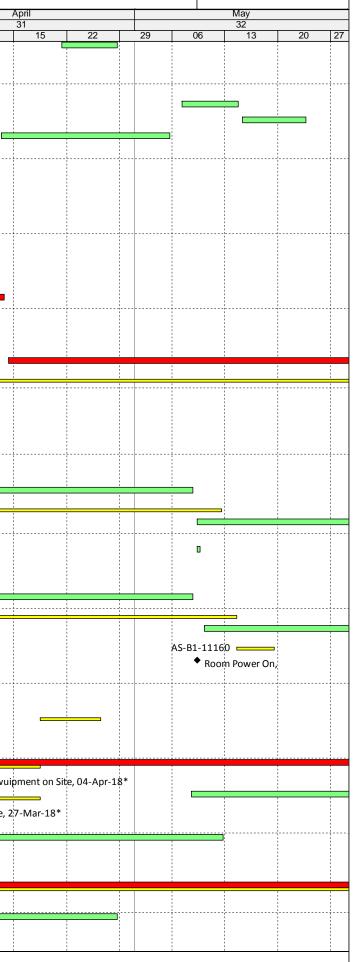
		Dur.	R0.D8 Start	-R0.D8	. /			29				30				
			ļ	Finish	orecas	21 28	04	11	18	25	04	11	18	25	01	08
BS-B2-11:	MEP-Room Power On	0		03-Apr-18											♦	
	Ready for FS System T&C	0		10-Apr-18												\$
3. Zone D	nk & Pump Room (B2-3-500R)															
	ABWF-Door Frame/Door/Final Coat(Wall & Floor)	13	09-May-18	25-May-18	lun-18											
	ABWF-Wet Trade-Ceiling/Wall/Floor Paint	7	-	, 01-Mar-18				AW-B2-1	1040 -							
	ABWF/MEP Installation in RDE Water Tanks (Detail refer to N	27			· ·	AW-B2-11020 📥										
	Access for ABWF/MEP Installation	0	02-Feb-18		/lar-18	♦							Acce	ess for ABWF/	MEP Installa	tion, 20-M
AW-B2-11	BW-RC Plinth/Waterproofing/Water Test	13	02-Feb-18	21-Feb-18	/lar-18	AW-B2-11030 📥										—
BS-B2-114	MEP 1st/2nd fix / FS Pumps Set / Pipework / LMCC	27	01-Mar-18	06-Apr-18	pr-18*				BS	- B2-11440	j					
	MEP-FS Pumps/LMCC Installation and Connection	27	06-Apr-18	09-May-18	1ay-18									BS-B	2 -11450 📥	
BS-B2-11≀	MEP-FS Water pump equipment on site	0	06-Apr-18		1ay-18											
Crate Work	shop															
AW-B2-11	ABWF- Door/Ironmongeries	7	-	20-Apr-18											AW-B2-	11100 💳
	ABWF- Install Security Shutter	13		08-Mar-18				AW-B2-1	1070 🗖							
AW-B2-11	ABWF- Wall Final Paint	7		09-Apr-18									AW-B2-11	090		—
	ABWF-H/L Steel Platform	13		23-Mar-18	· ·					AW	-B2-11080 💳			<u> </u>		<u> </u>
	ABWF-Wet Trade;Rendering/Floor screeding/sealer	13		21-Feb-18		AW-B2-11060 🗕			<u> </u>						<u> </u>	
	Access for ABWF & MEP Installation	0	02-Feb-18		/lar-18									ess for ABWF	& MEP Instal	lation, 20-N
	MEP- 2nd Fiix-Wiring/connection/Dropper under Platform	3		27-Mar-18	-							BS-B2	2-11510 =			
	MEP-1st/2nd Fix Installation/Ceiling Mounted AHU	13		08-Mar-18				BS-B2-1	1500 =							
	MEP-Ceiling/Wall Final Fix	3	09-Apr-18	12-Apr-18	-										BS-B2-1152	
	Ready for FS System T&C	0		20-Apr-18												
4. Zone H G DCS Chille																
BS-B2-11!	MEP- Equipment Connection	27	03-Mar-18	07-Apr-18	Jan-18									<u> </u>		J
BS-B2-11!	MEP-1st Fix Containment	27	23-Dec-17	26-Jan-18	/lar-18											
BS-B2-11!	MEP-1st Fix- Main Pipeworks Installation	54	20-Oct-17	22-Dec-17	Oct-17											
BS-B2-11!	MEP-1st Fix- Position Pumps/Stainers/MCC and Remaining	54	23-Dec-17	02-Mar-18	lov-17											
BS-B2-11!	MEP-2nd Fix Installation-Cabling	27	27-Jan-18	02-Mar-18	1ay-18						-					
BS-B2-11(MEP-Final Fix-Pipe Insulation/Detector	27	09-Apr-18	10-May-18	1ay-18										BS-B2-11600	ý <u> </u>
AS-B2-11(Ready for FS System T&C	0		11-May-18												
	Ready for System Flushing and System T&C	0		11-May-18												
5. Zone B,E	1, F, Q ice (B2M-01-001)	_														
	ABWF-Catwalk and Lighting Bridge	19	16-May-18	08-Jun-18	Jul-18											
	ABWF-Wet Trade-Ceiling Sealer (Soffit)	3	12-May-18													
	Access for ABWF/MEP Installation (L2 Slab@ zone B,P cast/	0	20-Apr-18		lun-18											
	BW-Fairface Concrete Defect Rectification	7		12-May-18	Jul-18											
	GW-Erect Common Scaffold (2m below GF and 1M Soffit)	11	-	04-May-18												
BS-B2-11(MEP H/L 1st/2nd/Final Fix Installation (Including FS Device)	19	16-May-18	08-Jun-18	Jul-18											
B1/F																
1. CSF/RDE Carpark Ar																
	ABWF - Wet Trade / Block wall / rendering / Ceiling / Floor	19	14-Nov-17	06-Dec-17	⁻ eb-18						·i					
	HC-Construction Logistic/Temporary Site Storage Period	156		04-Aug-18										<u> </u>		
	MEP 2nd Fix Installation-Cabling	54		29-Mar-18												
	MEP H/L 1st Fix Installation	50		22-Jan-18				1								
Generator	& Fuel & Tank Rooms (B1-2-708) GL 5'-6'/A-K'															
AW-B1-11	ABWF - Door & Lourvers Installation	7		10-Jan-18												
	ABWF - Plastering, tank soffit sealer & cat ladder installation	13	06-Dec-17	21-Dec-17	/lar-18											
	ABWF final touch up	3		13-Jan-18												
AW-B1-11	General Builder's Works, including concrete plinth & waterpi	19	14-Nov-17	06-Dec-17	⁻ eb-18						1					
	Generator Installation	54		26-Apr-18												
	Generator On site	0	15-Feb-18		Jan-18			🔶 Ge	enerator	on site, 22-J	an-18 A					
	Generator SAT	13	-	12-May-18							_					
	MEP 1st Fix/2nd	7		02-Jan-18												
	Position Fuel Tank	7	20-Oct-17	27-Oct-17	⁻ eb-18											
	er Room (B1-2-600) GL 4'-5'/K'-A' ABWF - Ceiling / Wall / floor - 1st Coat	19	14.Nov 17	06-Dec-17	-oh 10											
AVV-B1-11	ABWF - Door frame & panels & ironmongeries installation	7	30-Dec-17	09-Jan-18	+pr-18				1					<u> </u>		:

Page 18 of 52



tivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actua					Februar 29	у			Marc 30				
				Finish	oreca		2	28	04	11	18	25	04	11	18	25	01	08
	ABWF final touch up	7		17-Jan-18	-	-												
	MEP Installation	19	06-Dec-17	30-Dec-17	/lar-18	3	-											
	B1-2-957) GL 2'-3'/C'-D' ABWF - Ceiling / Wall / floor - 1st Coat	19	06-Dec-17	30-Dec-17	/ar-18	3								1				
	ABWF - Door frame & panels & ironmongeries installation	7		31-Jan-18				_										
	ABWF final touch up	7		08-Feb-18	· ·		1530											
	MEP Installation	19		23-Jan-18	-													
	er Room (B1-3-700R) GL 2'-3'/D'-F'				1										<u>.</u>			
BS-B1-11:	CLP Installations for Tx Rm (RDE)	80	14-Dec-17	24-Mar-18	Oct-17	/	-									-		
	Tx Rm RDE Power On by CLP	0		24-Mar-18											•	💊 Tx Rm RDI	E Power On b	by CLP,
	Room (B1-3-701R) GL 2'-3'/E'-F'	_																
	ABWF - Door frame & panels & ironmongeries installation	7	27-Dec-17															
	ABWF - Dust free sealer on floor	3	05-Jan-18				<u>.</u>						<u></u>		<u>.</u>	<u></u>		
	LV Switch Room 1 & 2 Installation	54		16-Mar-18														
	LV Switchboards SAT	7		24-Mar-18	-		1									-		
	MEP Installation ontrol Centre (B1-2-705C)	19	02-Dec-17	27-Dec-17	Jan-18	5												
	ABWF - Ceiling / Wall / floor - 1st Coat	19	22-Nov-17	14-Dec-17	/ar-18	3									<u>.</u>			
	ABWF-Door/Ironmongeries/Final touch up	27		09-Mar-18														
	Access for MEP / ABWF Installation	0	14-Nov-17	05 11101 10	/ar-18	_							◆ A	cess for ME	ABWF Ir	nstallation, 0	8-Mar-18	
	General Builder's Works	7		22-Nov-17											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	MEP-1st/2nd Fix Installation (G.L. 2-11/C-D)	40		02-Feb-18	_													
	MEP-Lighting Control System Installation/Connection	107	09-Mar-18			-		\top					_					
	Room Power On	0	09-1110	02-Feb-18														
2. Carriagew		0		02-160-10				♦										
Zone S																		
	rriageway FS Control Room (B1-1-907M)-1			24.14									1		1			
	ABWF-Door/Ironmongeries	27		21-Nov-17										.i				
	ABWF-Soffit Sealer	7		09-Dec-17									•			La stallation	00 14-10	
	Access for ABWF / MEP Installation	0	01-Dec-17		/lar-18	-								Access for Al	SWF / MEP	Installation,	09-Mar-18	
	MEP-1st/2nd Fix Installation	40	09-Dec-17				-											
	MEP-AFA Wiring and Connection	54		12-May-18								BS-B1-1261			-			
-	MEP-Fire Control Panel Installation	27	29-Jan-18	05-Mar-18	1ay-18	31-1260	00 <u>—</u>						÷					
	mmunal Area FS Control Room (B1-1-908M) ABWF-Door/Ironmongeries	1	29-lan-18	30-Jan-18	/av-18	1-1297	70 -											
	ABWF-Soffit Sealer	7		09-Dec-17	-													
	Access for ABWF / MEP Installation	0	01-Dec-17	09-Dec-17	/lar-18								•	Arcess for Al		Installation,	09-Mar-18	
	MEP-1st/2nd Fix Installation	40		29-Jan-18												mistallation,		
	MEP-AFA Wiring and Connection	54		14-May-18								BS-B1-10						
	MEP-Fire Control Panel Installation	27		06-Mar-18			720 -					D3-D1-10						
	Ready for T&C (AFA)	5		19-May-18			20 -											
	Room Power On	0	14-1vidy-10	29-Jan-18		2												
Zone R		0		29-Jaii-10			♦											
	e R Carriageway SEF Room (B1-1-808C)																	
AW-B1-1	ABWF - Ceiling / Wall / floor - 1st Coat	19	23-Jan-18	13-Feb-18	/lar-18	3								I				
AW-B1-1	ABWF - Door frame & panels & ironmongeries installation	7	18-Apr-18	26-Apr-18	lun-18	3												
AS-B1-10	Access for ABWF / MEP Installation	0	15-Jan-18		ar-18	k							•	Access for Al	WF / MEP	Installation,	09-Mar-18*	
AW-B1-1	General Builder's Works	7	15-Jan-18	22-Jan-18	/lar-18	3							-		<u> </u>			
BS-B1-11	MEP 1st / 2nd / Final Fix	54	06-Feb-18	18-Apr-18	۹pr-18	3												
AW-B1-1	MEP- SES Eqwuipment on Site	0	15-Feb-18		pr-18	k				\$							МЕ	EP- SES Eqwu
AW-B1-1	MEP-Equipment Installation and Connection	27	13-Mar-18	18-Apr-18	1ay-18	3							AW-B1-12	350 🗕 🔤	<u> </u>			
BS-B1-11	MEP-SES Equipment On Site	0	27-Mar-18		ar-18	k										🕏 MEF	P- \$ES Equipm	ent On Site,
_	e R Carriageway, including taxi drop off bays & pedestrian	-																
	ABWF-Carriageway paving, road kerb and pedestrian pave			05-Feb-18		-							_					
	ABWF-Ceiling Sealer	3		05-Dec-17			-											
	Access for ABWF / MEP Installation	0	01-Dec-17		/lar-18								•	Access for Al	BWF / MEP	Installation,	09-Mar-18	
	HC logistics / vehicle access	134		09-Jun-18	-	-									1			
	MEP-Carriageway 1st / 2nd Fix	14		21-Dec-17											<u> </u>			<u></u>
BS-B1-11	MEP-Escalator (ES11, ES12) Installation	40	01-Dec-17	20-Jan-18	/lar-18	3							-					
Zone D1, D						-	1	1 1			1	• • • • • • • • • • • • • • • • • • •	1	1	1		1	

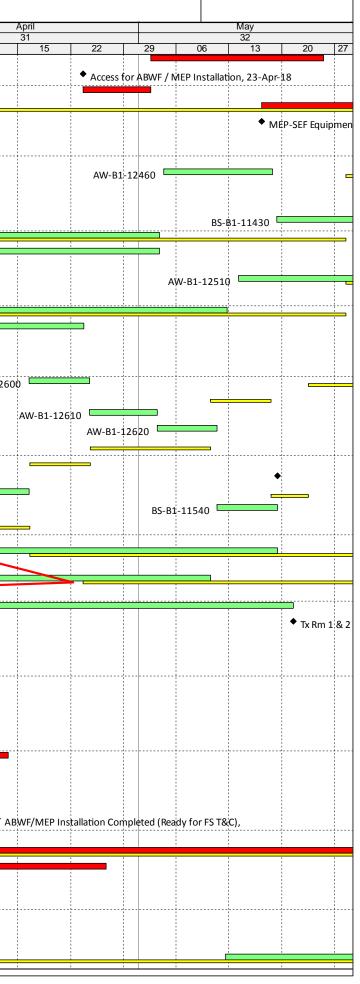




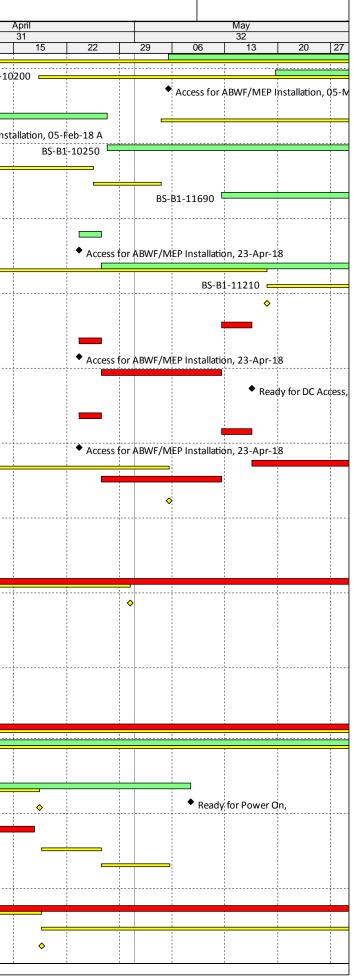
Three Months Rolling Programme (3MRP) - Mth 29 - 28 February 2018

	ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual				February 29				Marc 30	h			
			Dui.		Finish	; orecas	21	28	04	11	18	25	04	11	18	25	01	08
		ABWF - Ceiling / Wall / floor - 1st Coat	19		11-Apr-18									_	-		<u>+</u>	<u></u>
		Access for ABWF / MEP Installation	0	07-Mar-18	45.44	Apr-18												
		General Builder's Works	7		15-Mar-18													
		MEP 1st / 2nd Fix	54	•	08-Jun-18													
▙	BS-B1-10 B. Zone A M	MEP-SEF Equipment On Site	0	15-Feb-18		ay-18*												
		ea - BOH/Office/Storage/Corridor/Toilets/Lobby																
	Corridors/																	
		ABWF-Ceiling Frame (FS Ceiling)	13		12-Jun-18								1					
		ABWF-Soffit Sealer	7		28-Dec-17								1					
		ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 1 to 3)	25		27-Jan-18													
		MEP Dropper	13		28-Jun-18						D1 11420				<u> </u>			
		MEP- 2nd Fix (Cabling)	54		28-May-18					BS-	B1-11420					1		-
		MEP-1st/2nd Fix Installation shop, Office and Facilities Rooms	40	27-Jan-18	19-Mar-18	/lar-18	1410 L											
		ABWF-Ceiling Frame/Grid (Office Ceiling Area)	13	28-Mav-18	12-Jun-18	1av-18												
		ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer	40		30-Jan-18						1	1	- i 	- i 	i 1	- i 		
		MEP- 2nd Fiix (Cabling)	54		28-May-18									BS-B1-1147	/0		<u> </u>	
		MEP-1st/2nd Fix Installation	40		21-Mar-18	•	-B1-11460											
		Foilet Lobby																
		ilet at GL 6,D																
		ABWF-Block Wall	7		27-Mar-18													
		ABWF-Ceiling Close up/Ceiling Finish	7		31-May-18	•												AW-B1-1260
		ABWF-Ceiling Grid/Ceiling Panel with Service Openings	7	-	18-May-18											AW-B1-125	90	
		ABWF-Cublic Partition	7		08-Jun-18													
		ABWF-Final Fix-Sanitaryware/Sink/Door	7		16-Jun-18									12500	1			
		ABWF-Floor screeding/Wall Plastering/Tiling/Counter Steel	13		10-May-18							AW-B1-		-12580				
		ABWF-Waterproofing/Water Test	7	16-Apr-18	24-Apr-18	/lar-18						AVV-B1-	12570					
		ABWF/MEP Installation Completed	0	10 14	26-Jun-18	hen 10												-11530 💻
		MEP Dropper	3	-	23-May-18	-										ſ	B2-B1-	11530
		MEP Final Fix	7		26-Jun-18													
		MEP-Low Level P&D Pipework, H/L 1st/2nd Fix let / Changing Room at GL 5-6, B	13	27-10101-18	16-Apr-18	Jan-19												
		ABWF/MEP Installation in Toilet (Detail refer to Public Toilet a	72	16-Apr-18	13-Jul-18	Jan-18	-				:		1	1	1			-
		ile at GL 2, C	1															
Ш		ABWF/MEP Installation in Toilet (Detail refer to Public Toilet	72	23-Apr-18	20-Jul-18	Jan-18									į	-		
		er Room 1 & 2 (B1-1-700 & B1-1-702) CLP Installations for Tx Rm 1 & Rm 2	80	14 Dec 17	24-Mar-18	lan 19					-		·		<u> </u>			1
		Tx Rm 1 & 2 Power On by CLP	80	14-Det-17	24-Mar-18					1			-					
		vitchroom 1 & 2 (B1-1-704 & B1-1-703)	0		24-10101-10										· · · · · · · · · · · · · · · · · · ·	✓:		
									1	:				1				
		ABWF - Door frame & panels & ironmongeries installation	7	11-Jan-18	18-Jan-18	/lar-18												
	BS-B1-102	Installation Completed and Ready for Power On	7 0	11-Jan-18	18-Jan-18 14-Mar-18	/lar-18								🔶 Inst	allation Com	pleted and R	eady for Pov	ver On,
							BS-E	31-1003						♦ Inst.	allation Com	pleted and R	eady for Pov	ver On,
	BS-B1-10(Installation Completed and Ready for Power On	0	27-Feb-18	14-Mar-18	⁻ eb-18	BS-F	31-1003						♦ Inst	allation Com	pleted and R	eady for Por	wer On,
	BS-B1-10(BS-B1-10(Installation Completed and Ready for Power On LV Switchboards SAT	0 13	27-Feb-18 16-Dec-17	14-Mar-18 13-Mar-18	⁻ eb-18 Oct-17	BS-F	31-1003						∳ Inst	allation Com	pleted and R	eady for Pov	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roc	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954)	0 13 19 40	27-Feb-18 16-Dec-17 23-Jan-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18	⁻ eb-18 Oct-17 Jan-18	BS-I	31-1003	2					♦ Inst.	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels	0 13 19 40 7	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 02-Feb-18	⁻ eb-18 Эсt-17 Jan-18 Иаr-18	BS-F	31-1003	2					♦ Inst.	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roc AW-B1-12 AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up	0 13 19 40 7 3	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 02-Feb-18 21-Feb-18	-eb-18 Oct-17 Jan-18 Apr-18	BS-F	31-1003						♦ Inst	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door	0 13 19 40 7 3 7	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 02-Feb-18 21-Feb-18 10-Feb-18	⁻ eb-18 Oct-17 Jan-18 <i>M</i> ar-18 Apr-18 <i>M</i> ar-18	BS-F	31-1003						♦ Inst.	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint	0 13 19 40 7 3 7 3 3	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 21-Feb-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 02-Feb-18 21-Feb-18 10-Feb-18 24-Feb-18	² eb-18 Oct-17 Jan-18 <i>A</i> ar-18 Apr-18 <i>A</i> ar-18 Dec-17	BS-F	31-1003						∳ Inst	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(BS-B1-10(Main IT Roc AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F	0 13 19 40 7 3 7 3 19	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 21-Feb-18	14-Mar-18 13-Mar-18 13-Mar-18 02-Feb-18 21-Feb-18 10-Feb-18 24-Feb-18 03-Jan-18	² eb-18 Oct-17 Jan-18 <i>A</i> ar-18 Apr-18 <i>A</i> ar-18 Dec-17	BS-I	31-1003						♦ Instant	allation Com	pleted and R	eady for Po	
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	BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F ABWF/MEP Installation Completed (Ready for FS T&C) Ceiling close up	0 13 19 40 7 3 7 3 19 0 3	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 08-Dec-17 06-Feb-18	14-Mar-18 13-Mar-18 13-Mar-18 02-Feb-18 21-Feb-18 10-Feb-18 24-Feb-18 03-Jan-18 02-Mar-18 09-Feb-18	⁻ eb-18 Dct-17 Jan-18 Apr-18 Apr-18 Aar-18 Dec-17 -eb-18 Aar-18	BS-I	81-1003					· · · · · · · · · · · · · · · · · · ·	♦ Inst	allation Com	pleted and R	eady for Po	wer On,
	BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 BS-B1-11(Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F ABWF/MEP Installation Completed (Ready for FS T&C) Ceiling close up ELV- Backbone Cabling From Various Floors	0 13 19 40 7 3 7 3 7 3 19 0 3 107	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 08-Dec-17 06-Feb-18 02-Mar-18	14-Mar-18 13-Mar-18 13-Mar-18 02-Feb-18 21-Feb-18 24-Feb-18 03-Jan-18 02-Mar-18 09-Feb-18 14-Jul-18	² eb-18 Oct-17 Jan-18 Apr-18 Apr-18 Aar-18 Dec-17 ² eb-18 Aar-18 Apr-18	BS-F	81-1003						♦ Inst.	allation Com	pleted and R	eady for Po	
	BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 BS-B1-11(BS-B1-11(Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F ABWF/MEP Installation Completed (Ready for FS T&C) Ceiling close up ELV- Backbone Cabling From Various Floors ELV- Equipment Rack Installation	0 13 19 40 7 3 7 3 7 3 19 0 3 107 13	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 08-Dec-17 06-Feb-18 02-Mar-18 02-Mar-18	14-Mar-18 13-Mar-18 13-Mar-18 02-Feb-18 21-Feb-18 24-Feb-18 03-Jan-18 02-Mar-18 09-Feb-18 14-Jul-18 17-Mar-18	² eb-18 Oct-17 Jan-18 Apr-18 Apr-18 Aar-18 Dec-17 ² eb-18 Apr-18 Apr-18 Apr-18	BS-F	31-1003						♦ Inst	allation Com	pleted and R	eady for Po	
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	BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 BS-B1-11(BS-B1-11(BS-B1-11(Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F ABWF/MEP Installation Completed (Ready for FS T&C) Ceiling close up ELV- Backbone Cabling From Various Floors ELV- Equipment Rack Installation MEP H/L and Wall 1st/2nd Fix MEP Installation MEP Wall & Ceiling Final Fix	0 13 19 40 7 3 7 3 19 0 3 107 13 19 5	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 08-Dec-17 06-Feb-18 02-Mar-18 02-Mar-18 03-Jan-18 24-Feb-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 21-Feb-18 21-Feb-18 24-Feb-18 03-Jan-18 02-Mar-18 09-Feb-18 14-Jul-18 17-Mar-18 25-Jan-18 02-Mar-18		BS-F	81-1003						♦ Insta	allation Com	pleted and R	eady for Po	
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	BS-B1-10(BS-B1-10(Main IT Roo AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 AW-B1-12 BS-B1-11(BS-B1-11(BS-B1-11(BS-B1-11) BS-B1-11(BS-B1-11)	Installation Completed and Ready for Power On LV Switchboards SAT MEP- 1st/2nd Fix Installation MEP- Installation Main Switch Board/Cabling/Termination om (B1-1-954) ABWF-Ceiling Frame w/ service panels ABWF-Raised Floor Panel Close-up ABWF-Raised Floor Setting out/Padestal/Grid/Door ABWF-Wall Final Paint ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / F ABWF/MEP Installation Completed (Ready for FS T&C) Ceiling close up ELV- Backbone Cabling From Various Floors ELV- Equipment Rack Installation MEP H/L and Wall 1st/2nd Fix MEP Installation MEP Wall & Ceiling Final Fix	0 13 19 40 7 3 7 3 19 0 3 107 13 19 5 3 3 3	27-Feb-18 16-Dec-17 23-Jan-18 25-Jan-18 14-Feb-18 02-Feb-18 02-Feb-18 03-Dec-17 06-Feb-18 02-Mar-18 02-Mar-18 03-Jan-18 03-Jan-18 10-Feb-18 10-Feb-18	14-Mar-18 13-Mar-18 10-Jan-18 13-Mar-18 21-Feb-18 21-Feb-18 24-Feb-18 03-Jan-18 02-Mar-18 09-Feb-18 14-Jul-18 17-Mar-18 25-Jan-18 02-Mar-18 14-Feb-18 06-Feb-18		BS-I							♦ Inst.	allation Com	pleted and R	eady for Po	

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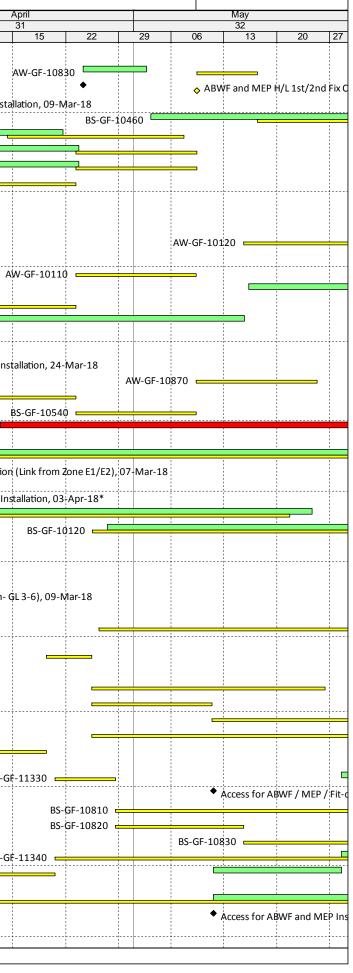
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actua	1				February				March	1			
,		Dur.	R0.D8 Start	-R0.D8 Finish	/			28	04	29 11	18	25	04	30	18	25	01	08
AW-B1-10	ABWF/MEP Installation in Central Control Centre (Detail refe	63	29-Mar-18		^c oreca 1ay-18	-		20			10	25	04		AW-B1-1		01	00
	ABWF/MEP Installation in Network Operation Centre (Detai	-	18-Apr-18				J							-				AW-B1-10
AS-B1-10	Access for ABWF/MEP Installation	0	29-Mar-18		1ay-18	8												
Cafe kitche	n (B1-1-044) GL 10-12/A-E & Catering Kitchen (G.L. 10 / B)																	
AW-B1-10	ABWF-Waterproofiing & floor screeding/Rendering/Tile	25	04-May-18	04-Jun-18	/lar-18	8								AW-t	st-10730	•		
	Access for ABWF/MEP Installation	0	29-Mar-18		-eb-18											♦ A	ccess for AB	WF/MEP Inst
BS-B1-102	KIT-Installation Kitchen Equipment	38	04-Jun-18		· ·											1		
BS-B1-10:	MEP 1st / 2nd fix	19		25-Apr-18			BS-B1	-1017			1							
	MEP- Install Floor Drain/Wall Concealed Pipework	7	· ·	04-May-18	-	_							BS-B	1-11660 🛏				
	MEP-2nd fix-connection to Kitchen Equipment/Cabling	38	20-Jun-18	03-Aug-18	1ay-18	8										J		
5. Zone C_D	on dior along G.L.J																	
	ABWF-Sealer paint	3	07-Mar-18	10-Mar-18	Apr-18	8						AW-B1-	12800 💻					
AS-B1-10	Access for ABWF/MEP Installation	0	07-Mar-18		Apr-18	8							\$					
BS-B1-11:	MEP 1stFix-Main Chilled Water Header Installation/Connect	54	10-Mar-18	18-May-18	Apr-18	8						B	S-B1-11180		i i i i			
BS-B1-112	MEP-1st/2nd Fix-PD/FS pipe/Containment/Wiring/CHW Pip	54	18-May-18	24-Jul-18	Jul-18	8												
BS-B1-112	Ready for System Flushing	0		18-May-18														
ICT Riser R	toom																	
AW-B1-12	ABWF-Door/Iromongaries	3	26-Mar-18		· ·													
AW-B1-12	ABWF-Sealer paint	3	07-Mar-18	10-Mar-18	Apr-18	8								1				
AS-B1-10	Access for ABWF/MEP Installation	0	07-Mar-18		۹pr-18	8							♦					
BS-B1-11:	MEP 1st/2nd Fix	13	10-Mar-18	26-Mar-18		8												
	Ready for DC Access	0		29-Mar-18														
ELV Room	ABWF Sealer paint	3	07 Mar 18	10-Mar-18	Apr-19	0												
	ABWF-Door / Ironmongaries	3		29-Mar-18														
	Access for ABWF/MEP Installation	0	07-Mar-18	29-10101-10	Apr-18													
	ELV- Equipment Ract / Cabling / Connection	27		05-May-18	· ·	_												
	MEP 1st/2nd Fix	13		26-Mar-18												_		
	Ready for ELV system T&C	0	10 10101 10	05-May-18	· ·	5												
7. Zone H		Ū		05 May 10														
Transforme																		
	ABWF - Ceiling / Wall / floor - 1st Coat/ Installation of cable	19		27-Nov-17														
	ABWF - Door / Lourve Installation	7		21-Dec-17	_													
	ABWF - Dust free sealer on floor	7		22-Dec-17														
	CLP Installation Period	80	18-Jan-18			8			+									
	CLP Power On	0	20.0.17	30-Apr-18														
	General Builder's Works, including floor screeding	13	20-Oct-17	04-Nov-17	-	8										♦ 11/0 ·	Tx Rms to CL	
	H/O Tx Rms to CLP	0	22 0	18-Jan-18												• H/U	IX RMS to CL	Р,
AW-B1-13	Inspection by CLP	20	22-Dec-17	18-Jan-18	/lar-18	8												
CSF/RDE Zo																		
Carpark Are		10	45 1 40															
	ABWF - Wet Trade / Block wall / rendering / Ceiling / Floor	19		06-Feb-18					:						10 4			
	Access for ABWF and MEP Installation	0	15-Jan-18	17.6 10	eb-18						A S	TOT ABWF ar	nd MEP Instal		0-18 A			
	HC-Construction Logistic/Temporary Site Storage Period	143		17-Sep-18	- ·									DC	G-10010 =			
	MEP 2nd Fix Installation-Cabling MEP H/L 1st Fix Installation	54		02-Jun-18	· ·				;					B3-				:
	Room (LG-3-700R) GL 4'-5'/H'-J'	50	22-Jan-18	24-Mar-18	100-1	/												
	LV Switch Room Installation (Refer to B1/F LV Switch Room)	73	15-Jan-18	18-Apr-18	Jan-18	8					<u> </u>			;				
	Ready for Power On	0		18-Apr-18	-													
	Pressurization (LG-3-800R)																	
AW-LG-10	ABWF - Ceiling / Wall / floor - 1st Coat	19	23-Jan-18	14-Feb-18	/lar-18	8												
AW-LG-10	ABWF - Door frame & panels & ironmongeries installation	7		26-Apr-18														
AW-LG-10	ABWF final touch up/Door	7	26-Apr-18	05-May-18	lun-18	8												
AS-LG-10:	Access for ABWF/MEP Installation	0	03-Jan-18		/lar-18	8								Acce	ss for ABWF/	MEP Instal	lation, 14-N	ar-18
AW-LG-10	BW-Plinth	7		23-Jan-18														
BS-LG-10(MEP 1st/2nd Fix Installation	54	06-Feb-18	18-Apr-18	Apr-18	8												
BS-LG-101	MEP Stair pressuation installation	54	18-Apr-18	23-Jun-18	lun-18	8												
	MEP-Stair pressurization equipment on site	0	18-Apr-18		ın-18	*												
G/F									1									



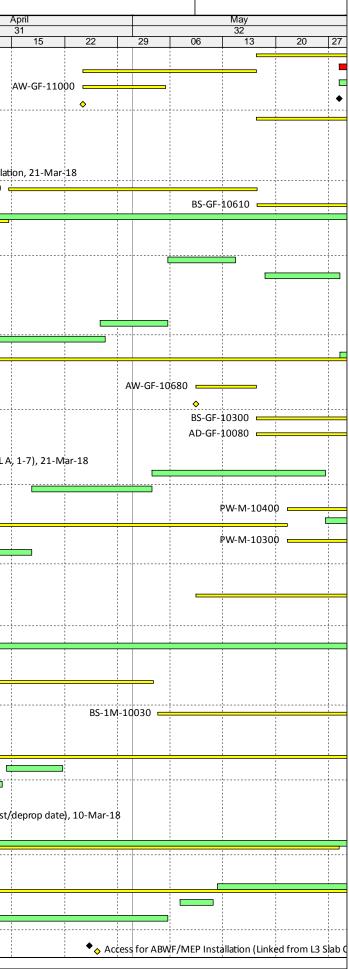
Three Months Rolling Programme (3MRP) - Mth 29 - 28 February 2018

ty ID	Activity Name	CMWF Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actua				February 29	1			March 30				
		Dui.	RU.Do Statt		;oreca	21	28	04	11	18	25	04	11	18	25	01	0
1. Zone A,	M,E y Exhibation (G-1-004)				_										1		
	C ABWF - Raised floor - setting out / install padestal / grid (particular)	7	09-May-18	17-Mav-18	3 Apr-18										1		
	C ABWF and MEP H/L 1st/2nd Fix Completed	0	00 1110 20	09-May-18	· ·												
	Access for ABWF / MEP / Fit-out Installation	0	23-Mar-18		/ar-18									۸	ccess for AE	WF / MEP	/ Fit-ou
	⁴ MEP (under raised floor) - A/C duct with insulatiom / contai	27	17-May-18	20-Jun-18	1ay-18									·····*··		`	
	MEP H/L - 1st fix - riser duct installation	19	, 14-Apr-18										В	S-GF-1045	0		
	MEP H/L - final fix - sprinker head / alignment (after pipew /	13	23-Apr-18	-		1 1									(BS-GF-1001	10 💻
	(MEP H/L 2nd Fix - Ligting wiring / lighting / AC equipment	13	23-Apr-18												r	BS-GF-1000	oģ 💳
	C PISA-Glass Wall/Muillion	9	12-Apr-18										AW-GF	-10000		I	-
RC-GF-10	RC defect rectification	13	23-Mar-18	-							RC-	GE-10000 🗖	······································				
Zone A - L	ift Lobby / Corridor / Staff Entrance											_			1		
AW-GF-10	ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	23-Dec-17	11-Jan-18	/lar-18										:		
AW-GF-10	C ABWF metal works / cabinet	19	15-May-18	07-Jun-18	Jul-18										1		
AS-GF-10	Access for ABWF / MEP / Fit-out Installation	0	23-Dec-17		/lar-18							•	Access for ABM	/F / MEP / I	it-out Insta	llation, 09-M	Mar-18
	C Fire rated metail ceiling frames & close up	13	23-Apr-18												1		
BS-GF-10	MEP - 2nd fix cabling & wiring / AC equipment	27	02-Mar-18	•						B	S-GF-10080 •					<u> </u>	2
	: MEP final fix	13	07-Apr-18	23-Apr-18	lun-18										BS-0	F-10100 ،	
	MEP Installation H/L 1st & 2nd Fix / riser	40	11-Jan-18	02-Mar-18	/lar-18												
	Lift Lobby / Corridor / Concourse	40	11 - 10	201-12	0											<u> </u>	<u>.</u>
	C ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	11-Jan-18	26-Jan-18	-										Access		D / 51
	Access for ABWF / MEP / Fit-out Installation	0	11-Jan-18	25 14-00	/lar-18									•	Access for A	DVVF / IVIEP	-7 FIT-
	C Fire rated metail ceiling frames & close up	13	09-May-18			1 1									<u>. </u>		
	MEP - 2nd fix cabling & wiring	27	17-Mar-18	•									-				-
	MEP final fix	13	23-Apr-18						- <u> </u>				<u> </u>				
	! MEP Installation H/L 1st & 2nd Fix / riser / AC equipment	40	26-Jan-18	17-Mar-18	4pr-18										1		
	ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	23-Mar-18	04-Aug-18	/lar-18						AW-GF-	10280					i
	 Access for ABWF and MEP Installation (Link from Zone E1/E 		23-Mar-18		/ar-18							• >		<u></u> А	ccess for AE	WF and Mf	EP Inst
	abinet GL 2-3/A-D													Ť			
AS-GF-10	Access for MEP Installation	0	03-Apr-18		pr-18'											Acces	ss for N
BS-GF-10	: FS inlet cabinet installation	40	03-Apr-18	21-May-18	4pr-18					1					BS-GF-101	10	
BS-GF-10	: FS inlet pipework installatiom	40	25-Apr-18	13-Jun-18	۹pr-18												
	F, Q, P (Main Lobby)				_										1		
Zone A (G	by (G-1-014), including Zone A Portion-GL 3-6)																
	ABWF- Ceiling Sealer (GL 3-6)	7	22-Dec-17	02-Jan-18	eb-18							1			!		
AS-GF-10	C Access for ABWF / MEP / Fit-out Installation (Zone A Portior	0	07-Dec-17		/lar-18							•	Access for ABM	/F / MEP /	Fit-out Insta	lation (Zon	ie A Po
	MEP 1st/2nd Fix (Around Colummn)/H/L 2nd Fix (Lighting V		03-Jan-18	31-Jan-18	/lar-18												
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall (GL D-H,3)	54	26-Apr-18	03-Jul-18	ug-18	1									1		
	B, F (GL 6-8)			J]						·		1
AW-GF-1	ABWF- Ceiling Sealer (GL 6-8)	5	19-Apr-18	25-Apr-18	Jul-18										:		
	C Access for ABWF / MEP / Fit-out Installation (GL 6-8)- Link f	0	03-Apr-18		ul-18'										1	◇	
	0 MEP 1st/2nd Fix (Around Colummn)/H/L 2nd Fix (Lighting V	25	25-Apr-18		-										1		
BS-GF-10	0 MEP- Erect Escalator Truss (ES03, 04)	13	25-Apr-18		-										;		
	MEP-Escalator Installation/T&C	54	11-May-18			1											
AW-GF-1	PISA-Install Ceramic Tube/Mullion/Glass Wall (GL J-k, 6-9)-L	54	25-Apr-18		-										1		
	RC-Defect Rectification (GL 6-8)	13	03-Apr-18	19-Apr-18	Jul-18										:		+
-	P (GL 8-11)	-7	20 4 - 10	20 4 - 12	1 11										:		
	ABWF- Ceiling Sealer	7	20-Apr-18	28-Apr-18													
	C Access for ABWF / MEP / Fit-out Installation - Link from Zone		04-Apr-18	20 14 40	1ay-18										1	♦	
	MEP 1st/2nd Fix (Around Colummn)/H/L 2nd Fix (Lighting V		28-Apr-18												1		
	MEP - Erect Escalator Truss (ES01, 02) - From GF to B2	13	28-Apr-18	-											1		
	MEP-Escalator Installation/T&C	54	15-May-18			1 1									1		
	PISA-Install Ceramic Tube/Mullion/Glass Wall	43	20-Apr-18			• • • • • • • • • • • • • • • • • • •									ANAL OF 1	1220	
	RC-Defect Rectification	13	04-Apr-18	20-Apr-18	/lay-18										AW-GF-11	1320	1
	K Toilets & Toilet Lobbies GL J/9-10 ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	04-Apr-18	13-Aug-19	1av-19	J									AW-GF-10		
	C Access for ABWF and MEP Installation (Link from Zone E1/E		04-Apr-18	13 Aug-10	1ay-18											↓ ↓	

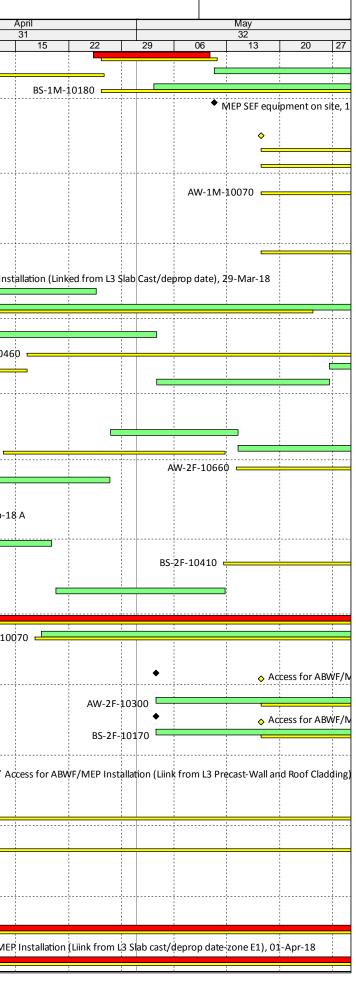
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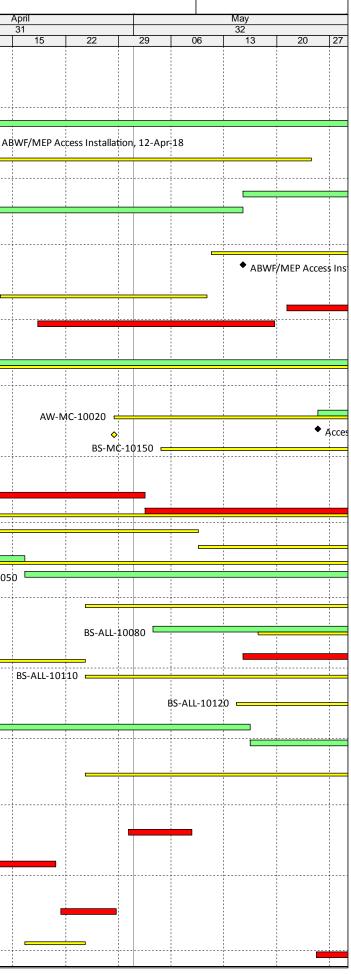
tivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual				February 29	у				Marc 30				
		Dur.	RU.Do Statt	Finish	;orecas	21	28	04	11	18		25	04	11	18	25	01	08
AW-GF-10	ABWF-dry wall installation	25	17-May-18	16-Jun-18	lun-18													
-	ABWF-Isolated floor on structure floor slab at the 150-seat	19		17-May-18	-													
AW-GF-11	ABWF-Patching up the tie-bolt hole	9		05-May-18	1ay-18													
	Access for ABWF / MEP / Fit-out Installation	0	24-Apr-18		1ay-18													
	MEP 1st / 2nd fix HL	25	17-May-18	16-Jun-18	lun-18													
	D1, D2 and N - Lift Lobby / Corridor / Concourse (GL 5 and 7)																	
	ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	03-Feb-18	22-Feb-18	/lar-18	AW-C	F-10920 i											<u></u>
AS-GF-10!	Access for ABWF / MEP / Fit-out Installation	0	03-Feb-18		/ar-18	\$									◆ Ac	cess for ABW	′F / MEP / Fit	-out Installat
BS-GF-10€	MEP - 2nd fix cabling & wiring	27	14-Apr-18	17-May-18	1ay-18	8											BS-	-GF-10600
BS-GF-10€	MEP final fix	13	17-May-18	02-Jun-18	lun-18	8												
BS-GF-10!	MEP Installation H/L 1st & 2nd Fix / riser	40	22-Feb-18	14-Apr-18	4pr-18	3			BS-GF	F-10580 =			1					<u></u>
	bl Room (G-1-057)																	
	ABWF - Ceiling / Wall / floor - 1st Coat	13		25-Jan-18														
	ABWF - Door frame & panels & ironmongeries installation	7		28-Feb-18		-			AW-GF-10			_						
	ABWF final touch up	7		12-Mar-18	· ·					Ą	W-GF-	10720	· · ·					
	Access for ABWF/MEP Installation	0	22-Dec-17		/lar-18	-								ccess for A	BWF/MEP Ir	nstallation, 09	9-Mar-18	
	General Builder's Works	13		10-Jan-18														
	MEP Cabling & Wiring	7		20-Feb-18			BS-GF-	10370 📥										
	MEP Installation H/L 1st & 2nd Fix	19		08-Feb-18		-												
	MEP-Fire Control System Installation/Connection	80	12-Mar-18	21-Jun-18	/lay-18	\$							BS-GF-1038	i0				
	hop / Other Area ABWF-Ceiling/Wall Sealer	7	09-May-18	17-May-18	lun-18													
	Access for ABWF / MEP / Fit-out Installation	0	09-May-18	-	lun-18													
	MEP 1st/2nd Fix -Containment/A/C/duct/FS Pipe/ Riser	25		16-Jun-18									+					
	PISA-Glass Wall/Ceramic Mullion		17-May-18															
	In Pavement Works (Around M+ Podium)		17 1107 10	117011120	run 120													
PW-M-101	Access for ABWF / MEP Installation (GL A, 1-7)	0	03-Feb-18		/lar-18	3									♦ Ac	cess for ABW	′F / MEP Inst	allation (GL A
PW-M-101	Concrete bedding & precast concrete bench (GLA, 1-7)	19	16-Mar-18	12-Apr-18	1ay-18	3							PW-N	1-10130 🗖				
PW-M-101	MEP P/D & ELE / ELV 1st & 2nd fix (GL A,1-7)	13	01-Mar-18	16-Mar-18	4pr-18	3				PW-	M-101	20 💻						
PW-M-104	Pavement Work (GLA, 7-14)- (Detail Sequence refer to Act I	32	21-May-18	29-Jun-18	Jul-18	\$												
PW-M-102	Pavement Work (GL A-E, 1-3)- (Detail Sequence refer to Act	32	12-Apr-18	21-May-18	1ay-18	8											PW-M-	-10200 💳
PW-M-103	Pavement Work (GL E-M, 1-3)- (Detail Sequence refer to Act	32	21-May-18	29-Jun-18	Jul-18	3												
PW-M-101	Waterproofing / test / insulation layer / screeding (GL A,1-7)	19	03-Feb-18	01-Mar-18	/lar-18	B PW-I	M-10110 I		· 									
	(Shop / office / Lobby)																	
	ABWF / MEP - Competed for FS inspection (refer ro G/F Mus	121	09-May-18	03-Oct-18	lun-18	3	\geq											
1M/F			-															
1. Zone A,C		27	45 No. 47	45 Dag 47					<u>.</u>			<u></u>	<u>}</u>		<u></u>			
	BW-MEP Plinths/Ceiling Paint (Sealer)	27		15-Dec-17														
	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP	54		23-Feb-18									- OF Fab 11					
	MEP-A/C equipment On Site	0	15-Feb-18	02 14	-eb-18				1	;		nt Un Si	te, 05-Feb-18	5 A				
	MEP-Equipment Connection	54	24-Feb-18	03-May-18	Jun-18	2			B3-	-1M-1001								
	MEP-Floor Power On (Partial)	0	04 14-11	24-Feb-18														
	MEP-Smoke Extraction System T&C /ICT Riser Room @ GL B.4	27	04-iviay-18	05-Jun-18	lug-18	5												
	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	16-Dec-17	17-Jan-18	Jan-18	3					È		1					
	ELV-Cabling/Wiring	80		06-Jul-18											BS-1M-10	080		
	ELV-Equipment Rack	7		20-Feb-18			BS-1N	-10070 🕳										I
	MEP- 1st/2nd Fix	19		08-Feb-18	· ·													·
2. Zone D1,	· · ·																	
AS-1M-10	Access for ABWF/MEP Installation (Linked from L3 Slab Cast	0	29-Jan-18		/lar-18	5	◇						•	Access for	ABWF/MEP	Installation (Linked from	L3 Slab Cast
	BW-MEP Plinths/Ceiling Paint (Sealer)	13	29-Jan-18	13-Feb-18	/lar-18	M-10030)		<u>+</u>					:	1			
		80	13-Feb-18	28-May-18	/lar-18	8		BS-1M-10	090 🗕 🗕				1	<u>.</u>				
AW-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP	80																
AW-1M-1(BS-1M-10(ELV Room/	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP /ICT Riser Room @ GL K,4				1							1						
AW-1M-1(BS-1M-10(ELV Room/ AW-1M-1	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP /ICT Riser Room @ GL K,4 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran	25	29-Jan-18	02-Mar-18		-							-					
AW-1M-1(BS-1M-10(ELV Room/ AW-1M-1 BS-1M-1(MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP /ICT Riser Room @ GL K,4 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran ELV-Cabling/Wiring	25 72	29-Jan-18 03-Apr-18	30-Jun-18	ay-18*	¢.							_			BS-1M-10	170	
AW-1M-1(BS-1M-10(ELV Room/ AW-1M-1 BS-1M-10 BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF /ICT Riser Room @ GL K,4 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran ELV-Cabling/Wiring ELV-Equipment Rack	25 72 5	29-Jan-18 03-Apr-18 24-Mar-18	30-Jun-18 03-Apr-18	ау-18* 1ау-18	с 2								BS-	1M-10160	BS-1M-10	170	
AW-1M-10 BS-1M-10(ELV Room/ AW-1M-1 BS-1M-10 BS-1M-10 BS-1M-10	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP /ICT Riser Room @ GL K,4 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran ELV-Cabling/Wiring	25 72	29-Jan-18 03-Apr-18 24-Mar-18	30-Jun-18	ау-18* 1ау-18	с 2				BS	1M-1()150 =		BS-	1M-10160	BS-1M-10	170	
AW-1M-10 BS-1M-10(ELV Room/ AW-1M-1 BS-1M-10 BS-1M-10 BS-1M-10 SS-1M-10 3. Zone G	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEF /ICT Riser Room @ GL K,4 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fran ELV-Cabling/Wiring ELV-Equipment Rack	25 72 5	29-Jan-18 03-Apr-18 24-Mar-18	30-Jun-18 03-Apr-18	ау-18* 1ау-18	e 					1M-1()150 —		BS-	1M-10160	BS-1M-10	170	



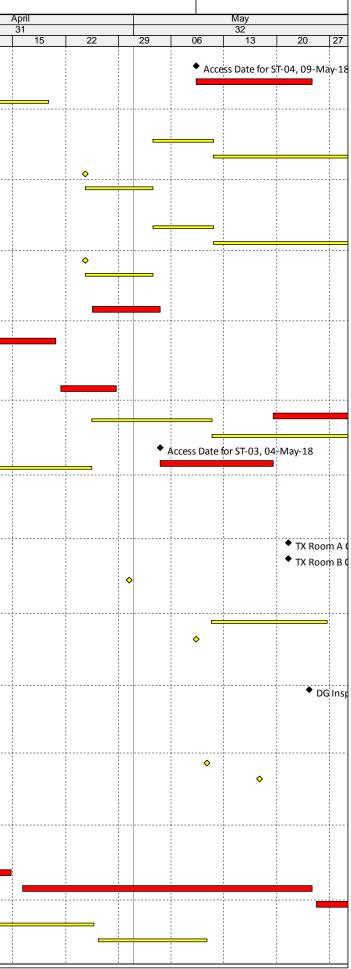
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual		February	V	I		Marcl	h		I	
	nouvely mane	Dur.	R0.D8 Start	-R0.D8	/		29	, 			30				
	DW/ MED Dlinths (Coiling Doint (Cooler)	10	26 Arr 10	Finish	[:] orecas	21 28 04	11	18	25	04	11	18	25	01	08
	BW-MEP Plinths/Ceiling Paint (Sealer)	13	-	11-May-18		DC 114	10490 🗖								
	MEP - Equipment Installation	54		26-Apr-18		B2-1M	10490	1				1 1 1			
	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/ME	F 80 0		01-Aug-18											
4. Zone L, k	MEP SEF equipment on site	0	15-Feb-18		ay-18*										
	Access for ABWF/MEP Installation	0	17-May-18		lun-18										
	BW-MEP Plinths/Ceiling Paint (Sealer)	45	17-May-18												
	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/ME		17-May-18												
	/ICT Riser Room @ GL J,14														
AW-1M-1	ABWF-Erect Block Wall, Wall/Ceiling/Floor Finish/Door France	n 25	17-May-18	16-Jun-18	lun-18										
5. Zone B,C															
	Access for ABWF/MEP Installation (Linked from L3 Slab Cas		03-Mar-18		lun-18										
	BW-MEP Plinths/Ceiling Paint (Sealer)	27		09-Apr-18											
6. Zone P, E	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/ME	F 80	17-May-18	22-Aug-18	lun-18										
	Access for ABWF/MEP Installation (Linked from L3 Slab Cas	t O	09-Feb-18		/lar-18	•							◆ _A	ccess for ABV	VF/MEP Ins
	BW-MEP Plinths/Ceiling Paint (Sealer)	19		07-Mar-18		AW-1M-10090 =									,
	MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/ME			24-May-18		BS-1M-10380 =					1				
ELV Room			0010010	Indy 10	1.01 10										
	ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Fra	n 25	09-Feb-18	14-Mar-18	/lar-18	AW-1M-10100 =									
BS-1M-10	ELV-Cabling/Wiring	72	16-Apr-18	13-Jul-18	ın-18*									E	S-1M-1046
BS-1M-10	ELV-Equipment Rack	5	10-Apr-18	16-Apr-18	1ay-18									BS-1M-104	50 🗕 🔤
BS-1M-10	MEP- 1st/2nd Fix	19	14-Mar-18	10-Apr-18	1ay-18					BS-1M-1	0440 📥				
2/F			, ,												
1. Zone A, I	E, M emporary Exhibation, Gallary 5 & 6 and Tall Gallary 1 & 2/B	OH Area		_											
	ABWF Wall Plastering/Wall Under/1st Coat	13	24-Mar-18	12-Apr-18	Apr-18						AW-	2F-10040 	1 1 1		
	ABWF-Ceiling Frame(FOH)/ Door Frame/Fire Shutter(BOH)			12-May-18										AW-2F	-10030 🗖
	ABWF-Ceiling Panel	19		05-Jun-18											
	ABWF-Drywall stud/1side broad/MEP conceal/Drywall clos		-	23-Mar-18		AW-2F-10020					!	:	!		
	ABWF/MEP-Moblisation	7		29-Jan-18	-		-								
	Access for ABWF/MEP/Fit-out Installation (link from L3 slat		20-Jan-18		⁻ eb-18				s for ABWF/I	MEP/Fit-out In	stallation (lin	k from L3 sla	ab cast date	/deprop date), 19-Feb-1
	BW-Floor screeding	19		12-Feb-18	⁻ eb-18										
	MEP 1st/2nd Fix -Containment/A/C duct/FS Pipe/ Riser in I			16-Mar-18		BS-2F-104	50						<u>.</u>		
	MEP Dropper-FS dropper/Electrical Flexible/wiring/	13		29-May-18											
	MEP H/L 1st/2nd Fix -Containment/A/C duct/FS Pipe (FOH	/ 38	, 29-Jan-18	, 17-Mar-18	Jan-18						; 		; ;		
	MEP/ELV Cabling & Wiring	19	16-Mar-18	12-Apr-18	Apr-18					BS-2	F-10420 📥		1		
	air/Lift Lobbys/First Aid Room											· · ·			
AW-2F-10	ABWF-Floor screeding/Door Frame, Ceiling/Wall/Floor Pain	1 54	10-Apr-18	14-Jun-18	۹pr-18										
BS-2F-10(MEP H/L 1st/2nd Fix -Containment/A/C duct/FS Pipe/ Rain	v 80	17-Apr-18	24-Jul-18	۹pr-18			ļ							BS-2F-10
	GL 11-14/A-H														
	and Courtyard View Gallary Access for ABWF/MEP Installation (Liink from L3 Slab cast/	d O	17-May-18		1ay-18										
	Gallery, Gallary 9, Harbour Gallery 1 and Garden Gallary 2		17-1viay-10		109-10										
	ABWF Installation before A/C On- Typical Sequence Please		17-May-18	22-Sep-18	1ay-18										
	Access for ABWF/MEP Installation (Liink from L3 Slab cast/		17-May-18	· · ·	1ay-18										
BS-2F-101	MEP Installation before A/C On - Typical Sequence Please re	e 107	17-May-18	22-Sep-18											
2. Zone C, I															
	kylight Gallery and BOH along GL 1 and GL K		201-10		1										♦ _A
	Access for ABWF/MEP Installation (Liink from L3 Precast-W		26-Jan-18	20.14- 17	۹pr-18	♦									• A
	Skylight Installation Completed (Link from Act ID 47350) Plaza view Gallery, Gallery 1-4 and 14 &15 and BOH along G		5-6	29-Mar-18											
	ABWF Installation before A/C On- Typical Sequence Please		21-Mar-18	18-Jul-18	lun-18										
	Access for ABWF/MEP Installation (Liink from L3 Slab cast/		21-Mar-18		lun-18									+	
	MEP Installation before A/C On - Typical Sequence Please re			18-Jul-18	-										
5. Zone B, 0	· / ·		10												
Zone P- Ju	Ikebox Gallary and Gallary 11														
	Access for ABWF/MEP Installation (Liink from L3 Slab cast/		01-Apr-18		lun-18										
	Facade Completed and Weathertight	0		29-Mar-18									\$		
	Sallary 7 and Garden Gallary 1 ABWF Installation before A/C On- Typical Sequence Please	107	20-lan 19	05-Jun-18	\pr 19										
			20-Jan-18 20-Jan-18	02-1011-18											ABWF/ME
	 Access for ABWF/MEP Installation (Liink from L3 Slab cast/ MEP Installation before A/C On - Typical Sequence Please re 			05-Jun-18	Apr-18										
B3-2F-102	A INTER INStallation before A/C On - Typical Sequence Please re	101	20-19U-18	02-JUU-18	4h1-18					1					



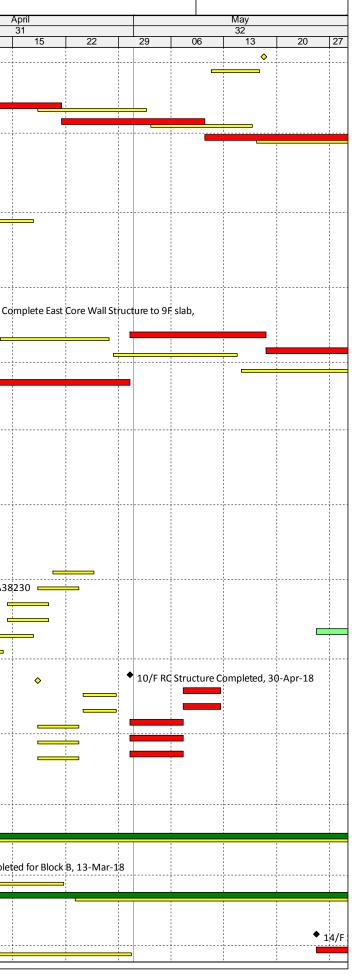
Activity ID	Activity Name	CMWF	P CMWP -	CMWP	Actual					February				Marc	h		
		Dur.	R0.D8 Start		-/		2	8	04	29 11	18	25	04	30	18 25	01	, , , , , , , , , , , , , , , , , , , ,
4. Zone L,					TOIECas				04		10	23	04		10 20	01	00
Zone J Ga	allary 12 J4 Access for ABWF/MEP Installation (Liink from L3 Slab cast	:/d 0	21-Mar-18		lun-18	2									♦		
3/F		./u 0	21 10101 10			,									`		
Roof Terra	ce 3.L. A-H/1-6)							.									
	C ABWF-Wet Trade / Screeding / Water Proofing / Test / Inst	ula 38	26-Jan-18	15-Mar-18	Apr-18	3 010 =											
	L(ABWF/MEP Access Installation	0	26-Jan-18		Apr-18	-											◆ _{AB}
BS-3F-10	0(MEP-1st & 2nd Fix	54	15-Mar-18	24-May-18	8 1ay-18	3							BS-3	F-10000 📥			: :
	P & G (G.L. A-G/8-14)																
AW-3F-1	1 PISA-Skylight Installation	23	02-Mar-18	29-Mar-18	1av-18	3					A	W-3F-10620 😑					
	1 Zone P Remaining Structure for Skylight (Link from Zone P	93 27		02-Mar-18	· ·	-											
	C & D (G.L. A-E/8-11)																
Zone B 8	A D ABWF-Wet Trade / Screeding / Water Proofing / Test / Inst ABWF-Wet Trade / Screeding / Water Proofing / Test / Inst	ula 19	11-May-18	02-Jun-18	.1.1.18	2		•									
	1 ABWF/MEP Access Installation	0	02-Mar-18		1ay-18	-						♦					
Zone C												↓ ↓					
	1 PISA-Skylight Installation	23		10-May-18													-
	1 REL-Precast Wall / Roof Ready	27		12-Apr-18				.									
AW-3F-1	1 Zone C Remaining Structure for Skylight (Link from Zone C	23 27	01-Feb-18	07-Mar-18	4pr-18	3											
	& Staircase Lobby																
	2 Staircase ST-76 (Similiar working procedures as ST-04B)	75	03-Mar-18	06-Jun-18	4pr-18	3						ST-B2-10220					
Moving Ima B1/F	age Centre Working Programme						·	• • • • • • • •									
Cooridor	along G.L. 10-14/K																
	1 ABWF-Wet Trade-Block Wall/Rendering/1st Coat	27	-	01-Jun-18		-		\mathbf{P}									
	C Access for ABWF/MEP Installation	0	28-Apr-18		1ay-18	-	\leq										
All Levels V	C MEP- Install Main CHW Header along GL K-L, 12-8 (linked Norks	to 32	04-May-18	12-Jun-18	/lay-18			· -]									
Risers																	
1. Zone A BS-AU-1	. & M C Zone A(GL B & E)- MEP Riser Installation-1st/2nd Fix Insta	alla 54	26-Jan-18	07-Apr-18	-eh-18	2											
	C Zone A(GL B & E)-MEP Riser Installation-Cabling	54		12-Jun-18		3											
	C Zone A(GL H)- MEP Riser Installation-1st/2nd Fix Installatio	-	-	09-May-18				• • • • • • • •	, 								
BS-ALL-1	C Zone A(GL H)-MEP Riser Installation-Cabling	54	09-May-18	14-Jul-18	\ug-18	3											
BS-ALL-1	C Zone M- MEP Riser Installation-1st/2nd Fix Installation	41	10-Apr-18	30-May-18	⁼ eb-18	3			BS	-ALL-10020							
	C Zone M-MEP Riser Installation-Cabling	54	30-May-18	03-Aug-18	4pr-18	3										J	BS-ALL-1005
2. Zone N	C Zone N- MEP Riser Installation-1st/2nd Fix Installation	41	24 Apr 19	13-Jun-18	1.1.1.0	,											
3. Zone G	-	41	24-Api-16	12-Juli-19	Jui-10	> 											
	C Zone G- MEP Riser Installation-1st/2nd Fix Installation	41	17-May-18	07-Jul-18	1ay-18	3							_				
4. Zone D			00.04	24.4 40													
	C Zone D1- MEP Riser Installation-1st/2nd Fix Installation C Zone D1-MEP Riser Installation-Cabling	41		24-Apr-18 29-Jun-18				•									
5. Zone H	-	54	24-Apr-18	29-Juli-18	Jui-19	\$ 											
	C Zone H- MEP Riser Installation-1st/2nd Fix Installation	27	14-May-18	15-Jun-18	lun-18	3	-										
6. Zone E			44.5.47	24 1 42													
	C Zone E- MEP Riser Installation-1st/2nd Fix Installation	41 54		31-Jan-18 12-Apr-18			10150		 								
7. RDE / C	C Zone E-MEP Riser Installation-Cabling	54	21-Jdll-19	12-Apr-18	//ay-18	SPALL-	10130										
	0 B2/F_RDE ICT Riser (B2-1-950M) GL 5'/F'	41	24-Apr-18	13-Jun-18	Jul-18	3											
Staircases																	
	es @ GL B-C/3 (Zone A)							.									
	e B2/F - G/F Staircase ST-04B	-	26 1- 12	02 5-4 42	1												
	L- ABWF-Door/Ironmongeries L- ABWF-Metal Work- Hand rail, balustrade (7 days)	7		02-Feb-18 22-Dec-17	· ·												
	L- ABWF-Wet Trade, Floor/Wall/Ceiling	19		17-Jan-18													
	About - Wet made, hoory wany centing Access Date for ST-04B	0	07-Dec-17		/ar-18								•	Access Date f	or ST-04B, 09-Mar-18		
	1 MEP 1st /2nd Fix, FS Riser / Containment	7		14-Dec-17		-									,		
	1 MEP Final Fix (7days)	7	18-Jan-18	25-Jan-18	۹pr-18	3											
	e G/F/ - 3/F Staircase ST-04																
	L- ABWF-Door/Ironmongeries	7		24-Apr-18								·					
AW-ALL	L- ABWF-Metal Work- Hand rail, balustrade (7 days)	13	∠2-Feb-18	08-Mar-18	/ay-18						[



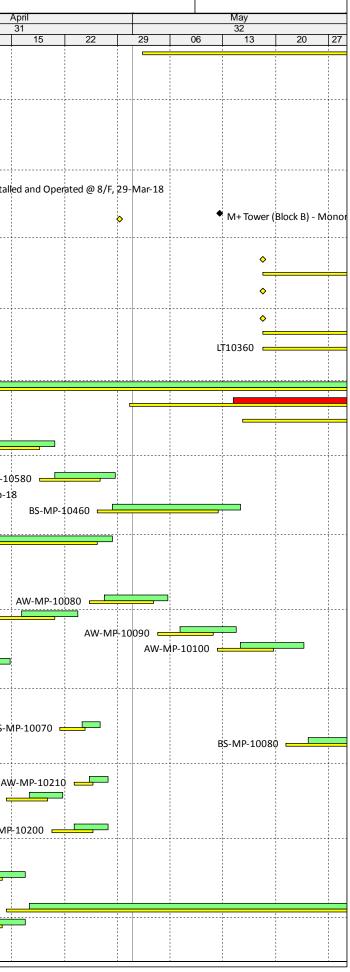
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual				February				March				
		Dur.	R0.D8 Start	-R0.D8	/	24 0		04	29	10	25	0.4	30	10	25	01	00
AW-A11-	ABWF-Wet Trade, Floor/Wall/Ceiling	25	09-Mar-18	Finish 11-Apr-18	^c orecas	21 2	8	04	11	18	25	04	11	18	25	01	08
	Access Date for ST-04	0	03-Feb-18	11.10	1ay-18												
	MEP 1st /2nd Fix, FS Riser / Containment	13	03-Feb-18	21-Feb-18													
BS-ALL-1	MEP Final Fix (7days)	7	12-Apr-18														-
	s @ G-H/2-3 (Zone D)		•														
	B2/F - G/F Staircase ST-07B																
	ABWF-Metal Work- Hand rail, balustrade		03-May-18														
	ABWF-Wet Trade, Floor/Wall/Ceiling		11-May-18	04-Jun-18	0												
	Access Date for ST-04B	0	24-Apr-18		Jul-18												
	MEP 1st /2nd Fix, FS Riser / Containment s @ L-W/7-8 (Zone N)	7	24-Apr-18	03-May-18	Jul-18												
	B1/F - G/F Staircase ST-03B																
AW-ALL-	ABWF-Metal Work- Hand rail, balustrade	7	03-May-18	11-May-18	·Jul-18												
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	19	11-May-18	04-Jun-18	\ug-18												
AS-ALL-:	Access Date for ST-03B	0	24-Apr-18		·Jul-18							1					
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	7	24-Apr-18	03-May-18	·Jul-18												
	s @ A-B/7-8 (Zone M)																
	BI/F - G/F Staircase ST-01B ABWF-Door/Ironmongeries	7	22-Jan-18	30-Jan-18	\nr-18												
	ABWF-Metal Work- Hand rail, balustrade	7		22-Dec-17	· ·								-				
	ABWF-Wet Trade, Floor/Wall/Ceiling	19		17-Jan-18													
	Access Date for ST-01B	0	07-Dec-17	17 Jun 10	/lar-18							ب ♦	Access Date fo	or ST-01B. 0	9-Mar-18		
	MEP 1st /2nd Fix, FS Riser / Containment	7		14-Dec-17								_					
	MEP Final Fix	7		25-Jan-18													
	e G/F/ - 3/F Staircase ST-01		10-3411-10	23-3411-10	-τρι=10							i 					
	ABWF-Metal Work- Hand rail, balustrade	13	25-Apr-18	11-May-18	1ay-18		-										
AW-ALL-	ABWF-Wet Trade, Floor/Wall/Ceiling	25	11-May-18	11-Jun-18	lun-18												
AS-ALL-:	Access Date for ST-03	0	10-Apr-18		1ay-18												
BS-ALL-1	MEP 1st /2nd Fix, FS Riser / Containment	13	10-Apr-18	25-Apr-18	1ay-18							1 1 1					
	nt & Podium Testing & Commissioning																
MEP System Electrical																	
M+ Podium	n																
	SPS meter Cabinet CLP power on	0		20-Oct-17						· · · · · · · · · · · · · · · · · · ·	SPS meter Ca	binet CLP po	ower on,				
	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18										\$	>		
	TX Room B CLP power on (M+ & CSF)	0		24-Mar-18										0	×		
	TX Room C CLP power on (DCS)	0		30-Apr-18													
	TX Room ICP CLP power on	0		08-Jan-18							TX Room ICP	CLP power of	on,				
HVAC BS-BaP-TC	CHW pumping system Inc MCC self test (DCS)	13	11-May-18	26-May-18	Jul-18												
	Sea Water Supply Available		09-May-18	20 1110 10	Jul-18												
	T&C for Seawater Side	13	03-Feb-18	22-Feh-18	-	BS-BaP-TC	300										—
	nspection & Close Out (M+ Basement & Podium)	15	0510510	2210010	nul 10	50 50. 100											
	nt & Podium																
BaP-DG	DG Inspection	0	08-Feb-18		1ay-18			\$									
M+ Tower																	
Critical Key																	
	Dates - M+ Tower Structure RC Works																
A12900	Complete West Core Wall - R/F Slab, Wall & Column (GL 7	'-8, 0		10-May-18													1
A12910	Complete West Core Wall - UR/F Slab, Wall & Column (GL	.7- 0		17-May-18													
	C Structrue Construction (4/F - 16/F & R/F - UR/F)																
	ture - West Core Wall (Non-deferred Zone M) @ GL 7-8/A-			27 Jan 19		Com		ono M - 4/E	Slab Wall &	e human	(GL7-8/D-E),						
A12000	Complete Zone M - 4/F Slab, Wall & Columns (GL7-8/D-E cture - West Core Wall @GL7-8/A-D (TC2 TIE TO WCW)	.) 0		27-Jan-18			Jiele 40	011E IVI - 4/F	Siau, Wdll Q	Columna	(JE/-0/D-E),						
A37570	10F-11F Wall, Column & 11F slab (GL 7-8/A-D)	12	24-Jan-18	06-Feb-18	Jan-18	-			-	i and a second s							
A37580	11F-12F Wall, Column & 12F slab (GL 7-8/A-D)	12		23-Feb-18			1			Ļ							
A37590	12F-13F Wall, Column & 13F slab (GL 7-8/A-D)	12	24-Feb-18											•			
A37600	13F-14F Wall, Column & 14F slab (GL 7-8/A-D)		10-Mar-18										-				
A37610	14F-15F Wall, Column & 15F slab (GL 7-8/A-D)		24-Mar-18		· ·		1			·							
A37620	15F-16F Wall, Column & 16F slab (GL 7-8/A-D)	12	12-Apr-18														_
A37630	16F-RF Wall, Column & RF slab (GL 7-8/A-D)	12	26-Apr-18	· ·													
A37565	9F-10F Wall, Column & 10F slab (GL 7-8/A-D)	12	•	23-Jan-18	-												
	· · · · · ·			-			1			· ·		1	<u> </u>		1		<u></u>



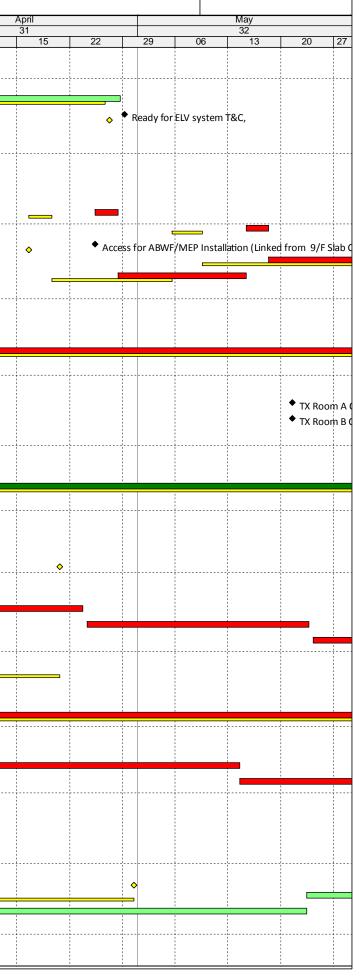
Activity ID	Activity Name	CMWP	CMWP -	CMWP -R0.D8	Actua					February 29					Marc 30					
		Dur.	R0.D8 Start		;oreca	s 21	28		04	11	18	2	5	04	11	18	25	01	08	_
A37650	Complete West Core Wall Structure to RF slab	0		18-May-18																
A37640	RF-URF Wall, Column & URF (GL 7-8/A-D)	6	11-May-18	17-May-18	Jul-18	3														
	ture - Deferred Zone F @ GL 7-8/D-H (M2) ture - Deferred Zone F @ GL 7-8/D-H																			
A37820	10F-11F Wall, Column & 11F slab (GL 7-8/D-H)	12	18-Apr-18	02-May-18	۹pr-18	3							-							
A37830	11F-12F Wall, Column & 12F slab (GL 7-8/D-H)	12	03-May-18	16-May-18	۹pr-18	3														
A37840	12F-13F Wall, Column & 13F slab (GL 7-8/D-H)	12	17-May-18	31-May-18	1ay-18	3														
A37770	5F-6F Wall, Column & 6F slab (GL 7-8/D-H)	14	20-Jan-18	05-Feb-18	Dec-17	7		-												
A37780	6F-7F Wall, Column & 7F slab (GL 7-8/D-H)	14	06-Feb-18	24-Feb-18	Jan-18	3			_											
A37790	7F-8F Wall, Column & 8F slab (GL 7-8/D-H)	14	26-Feb-18	13-Mar-18	Jan-18	3														
A37800	8F-9F Wall, Column & 9F slab (GL 7-8/D-H)	14		29-Mar-18													<mark></mark>			
A37810	9F-10F Wall, Column & 10F slab (GL 7-8/D-H)	12	03-Apr-18	17-Apr-18	/lar-18	3														-
A43010	ure - Deferred Zone F & East Core Wall Zone N @GL 7-8/H-M 5F-6F Wall, Column & 6F slab (GL 7-8/H-M)	14	15-Jan-18	30-Jan-18	Jan-18	3														
A43020	6F-7F Wall, Column & 7F slab (GL 7-8/H-M)	14		15-Feb-18	-	-														
A43030	7F-8F Wall, Column & 8F slab (GL 7-8/H-M)	14	20-Feb-18	07-Mar-18	-eb-18	3							i							
A43040	8F-9F Wall, Column & 9F slab (GL 7-8/H-M)	14	08-Mar-18	23-Mar-18	/lar-18	3										· · · · · · · · · · · · · · · · · · ·			1	
A43060	Complete East Core Wall Structure to 9F slab	0		24-Mar-18												<	>		•	C
	ture - Deferred Zone F & East Core Wall Zone N @GL7-8/H-N																			
	10F-11F Wall, Column & 11F slab (GL 7-8/H-M)	13		27-Apr-18	· ·															
A37670	11F-12F Wall, Column & 12F slab (GL 7-8/H-M)	13	-	14-May-18																
A37690	12F-13F Wall, Column & 13F slab (GL 7-8/H-M)	13	-	30-May-18																
A37655	9F-10F Wall, Column & 10F slab (GL 7-8/H-M) xternal Envelope (By Permasteelisa)	13	24-Mar-18	12-Apr-18	Apr-18	5														
	e Advance Works																			
Provision of			00 N 47	45.00 47	0.1.4						<u> </u>									
	Preparation & Design of Catchfan & Working Platform of Catch fan @ 9/F for Block A	11	03-Nov-17	15-Nov-17	Jct-1	/														
A43490	Inspection, ICE & RPE certification for Catchfan @ 9th/F Blo	5	28-Nov-17	02-Dec-17	Jan-18	3						I I								
A43270	Inspection, ICE & RPE certification for Working Platform @ B	5	28-Nov-17	02-Dec-17	-eb-18	3						I .								
A43480	Install Catch fan @ 9/F slab North Elevation Block A	5	22-Nov-17	27-Nov-17	Jan-18	3	:	:												
A43260	Install Catch fan @ 9/F slab South Elevation Block A	5	22-Nov-17	27-Nov-17	Jan-18	3														
A47980	Install Working Platform @ 6th/F & 8th/F for South North E	5	22-Nov-17	27-Nov-17	⁼ eb-18	3]							
A43250	Remove Scaffolding @ 10/F Block A	2	20-Nov-17	21-Nov-17	⁼ eb-18	3														
A38210	of Catch fan @ 13/F for Block A Inspection, ICE & RPE certification for Catchfan @15/F Block	5	20-Apr-18	25-Apr-18	lun-19	2														
A38210 A38230	Inspection, ICE & RPE certification for Working Platform @ B	5		23-Apr-18				···-												438
A38200	Install Catch fan @ 13/F North Elevation Block A	5		19-Apr-18																
A38190	Install Catch fan @ 13/F South Elevation Block A	5		19-Apr-18		-														-
A38220	Install Working Platform @ 12th/F & 14th/F for South North	5	· ·	17-Apr-18														A	38220 =	
A38180	Remove Scaffolding @ 14/F Block A	2	12-Apr-18	13-Apr-18	lun-18	3													_	_
	of Catch fan @ 9/F for Block B																			
	10/F RC Structure Completed	0	18-Apr-18		4pr-18															
A43540	Inspection, ICE & RPE certification for Catchfan @11/F Block	5	-	28-Apr-18																
A38250	Inspection, ICE & RPE certification for Working Platform @ B Install Catch fan @ 9th/F slab North Elevation Block B	5	-	28-Apr-18																
A43520 A43510	Install Catch fan @ 9th/F slab South Elevation Block B	5		23-Apr-18 23-Apr-18				···-												
A43510 A43530	Install Working Platform @ 6th/F & 8th/F for South North E	5		23-Apr-18		-														
	f Monorails, Catch fan & Working Platform	3	10 //p/ 10	25770110																
A14840	Monorails - 2nd Submission, Review and Approval by MJV	11	20-Oct-17	02-Nov-17	Jan-18	3		-												
	of Monorail @ 8/F Block A (8/F)																			
	Install/ICE Inspect monorails at 8/F slab @ Block A	16	20-Nov-17	07-Dec-17	Jan-18	3	1					L								
	Monorail Operation Period@ 8F, Block A	214	08-Dec-17	31-Aug-18	-eb-18	3													1	
	Block B (8/F)																			
	9/F Structure Completed for Block B	0	01-Apr-18		/lar-18													♦ 9/F Struc	ture Com	ple
	Install/ICE Inspect monorails at 8/F slab @ Block B	16	· ·	21-Apr-18										A1 19	/0					
	Monorail Operation Period @ 8/F, Block B of Monorails @ 12/F	77	23-Apr-18	25-Jul-18	4pr-18	5														_
	Block A (12/F)																			
	14/F Structure Complete	0	12-Apr-18		1ay-18															
A14920	Install/ICE Inspect monorails at 12/F slab @ Block A	16	12-Apr-18	30-Apr-18	1ay-18	3													-	_



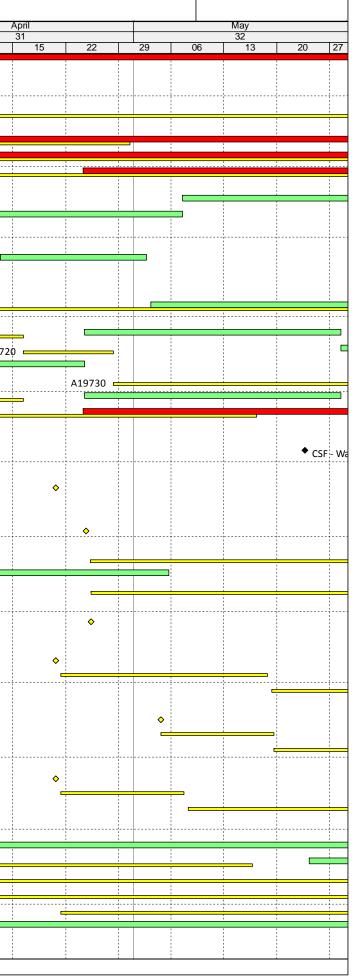
ctivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual			February 29				Mar 30				
				Finish	; orecas	21 28	04	11	18	25	04	11	18	25	01	08
	Monorail Operation Period@12/F Block A	160	02-May-18	10-Nov-18	lun-18											
Preparartio	allation by TC6-2, TC2, TC7-2 & Monorail n Works															
A59820	Survey, Setup & Bracket Installation for 1st Installation - Stai	22	16-Nov-17	11-Dec-17	⁼ eb-18											
A59810	Survey, Setup & Bracket Installation for 1st Installation - We	22	20-Oct-17	15-Nov-17	Jan-18											
A64820	Ilation in Block A by Moblie Crane M+ Tower 4/F to 8/F- External Facade 2nd Fix	19	16-Nov-17	07 Doc 17	1ar 18											
A64830	PISA Mobilsation		04-Nov-17													
	28/F - North & South Elevation 4/F to 6/F (Weathertight Zone)	,		11 1100 17	60 10											
Block A														• •		
A59670 Block B	M+ Tower - Monorail Installed and Operated @ 8/F	0	08-Dec-17		/lar-18									• M	I+ Tower - M	IonorallInst
	M+ Tower (Block B) - Monorail Installed and Operated @ 8/I	0	29-Apr-18		1ay-18											
M+ Tower L	ift Installation															
		0	40.0440		10											
LT10000 LT10020	Available of lift pit at B2F, LT01 & LT02	0	18-May-18	00 Jun 19	Aug-18											
LT10020	Builders' Work & Lift M/C Room Installation @ R/F (LT01 & C Commence Lift LT01 & LT02 M/C Room Installation @ Roof	19 0	18-May-18 18-May-18	09-Juli-18												
	(LT05, LT06, LT07 & LT08, 4nos, pit in B2F)	U	10 ⁻ iviay-10		ug-18\											
LT10250	Available of lift Shaft LT05, LT06, LT07 & LT08 (w/ Tower A w	0	18-May-18		ug-18\		 									
LT10255	Builders' Work for Lift Shaft & M/C Room	23	18-May-18	14-Jun-18	\ug-18											
LT10360	Lift Shaft Builders' Work (LT08)	16	18-May-18	06-Jun-18	\ug-18											
	BWF & Building Services (4/F - 16/F & R/F - UR/F)															
4/F - 10/F MP-10000	4/F - ABWF / MEP Insatallation (Similar working procedures	125	26-Mar-18	28-Aug-18	Apr-18								MP-100			
	6/F - ABWF / MEP Insatallation (Similar working procedures	125	30-Apr-18													
	7/F - ABWF / MEP Insatallation (Similar working procedures	-	15-May-18				<									
	K (FOH Area includ lift lobby @ GL B & L)															
	ABWF - Ceiling Frame	13	29-Mar-18	-	-								AW-MF	-10270 📥		
	ABWF - Dry Wall stud	7	21-Feb-18					AW-MP-102	250		-					
	ABWF - Raised floor - setting out / install padestal / grid	7		26-Apr-18						Accord for	ABWF / MEP /		tallation (Link	ad from Q/E	Slab Cast dr	AW-MP-
	Access for ABWF / MEP / Fit-out Installation (Linked from 8, MEP (Under Rasied Floor) - Containment/wiring	0	21-Feb-18	12-May-18	-eb-18				>	Accession	ABWF / IVIEP /	FIL-OUL INSI			Sidu Cast ua	ale), 23-rep
	MEP - 2nd fix include cabling and wiring	19	07-Mar-18							BS-MF	-10360		1			
	MEP Dropper - FS dropper / Electrical Flexible / wiring	13		26-Apr-18	-				•••••						BS-MP-1	10370 🛁
	MEP Installation H/L 1st Fix	19		15-Mar-18				BS-MP-10	350 🗕		1	; ,				
Toilet GL 7	-%/E										_					
	ABWF - Block Wall	7	21-Feb-18	28-Feb-18	⁼ eb-18			AW-MP-100)40 🗖							
	ABWF - Ceiling Close up / Ceiling Finish	7		03-May-18												
	ABWF - Ceiling Grid/Ceilng Panel with Service Openings	7	13-Apr-18												AW-M	/IP-10070 •
	ABWF - Cublic Partition ABWF - Final Fix-Sanitaryware / Sink / Door	7	04-May-18 12-May-18		-											
	ABWF - Final Fix-sanitaryware / Sink / Door ABWF - Floor screeding / Wall Plastering/ Tiling	7	12-May-18 24-Mar-18									۵۱۸/-	MP-10060			
	ABWF - Waterproofing/Water Test	7		23-Mar-18							AW-M	P-10050 =	10000			
	Access for ABWF/MEP Installation (Linked from 9/F Slab Cas	0	21-Feb-18	23-14101-10	⁻ eb-18					Access for	ABWF/MEP Ir		inked from 9	/F Slab Cast	date). 23-Fe	eb-18
	MEP - Low Level P&D Pipework, H/L 1st/2nd Fix	13	01-Mar-18	15-Mar-18	-				BS-N	P-10060 =						
	MEP Dropper	3	21-Apr-18													BS
BS-MP-10	MEP Final Fix	7	21-May-18	29-May-18	1ay-18											
	(BOH / Plant Rooms)															
	Room (5-1-805M) GL 7-8/K-L ABWF - Door & ironmongeries installation	3	23-Apr-18	25-Anr-18	4pr-18											
	ABWF - Final coat of paint on wall	5	14-Apr-18	-											AW-	-MP-10190
	ABWF - Pliinth / Floor Screeding	7	-	28-Feb-18				AW-MP-101	.80 💻							
	ABWF - Sealer on floor	5		25-Apr-18	-											AW-N
	Acces for ABWF/MEP Installation	0	21-Feb-18		-eb-18				•••••	Acces for A	BWF/MEP Ins	stallation, 23	3-Feb-18		1	
AW-MP-1	BW - Sealer on ceiling soffit & application of epoxy paint on v	7	21-Feb-18	28-Feb-18	⁻ eb-18			AW-MP-101	.70 🗖							
BS-MP-10	MEP - 1st & 2nd Fix / Air Duct / Containment / Pipes	27	09-Mar-18	13-Apr-18	/ar-18					BS-	MP-10150 😑					
BS-MP-10	MEP - AC Equipment position	7	01-Mar-18						BS-N	P-10140 =						
	MEP - Final Fix (F.S. Sprinkler / Equipment Connection)	38	14-Apr-18	-											BS-	-MP-10170
BS-MP-10	MEP - Install AHU system/Air Duct/Pipe/Containment (5-1-900M) GL 7-8/L	27	09-Mar-18	13-Apr-18	/lar-18					BS-	MP-10160 🗖					
							1	1 i i						- 1	1	



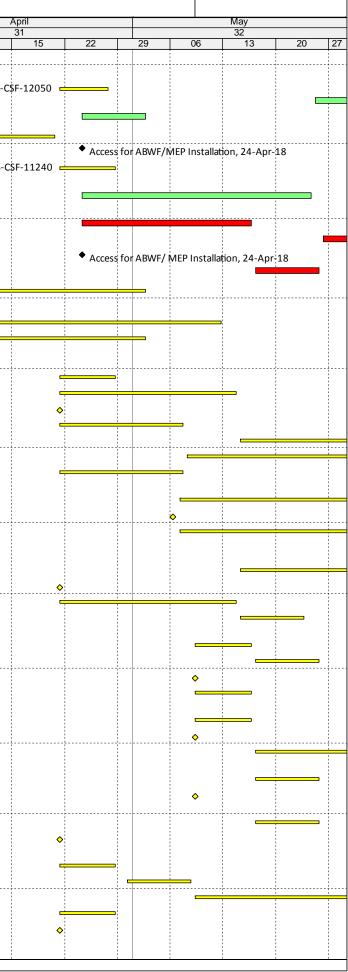
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual	i i	February		March			
		Dur.	R0.D8 Start	-R0.D8	/		29	10 0	30	05	01	
AW-MP-1	ABWF - Sealer paint	3	21-Feh-18	Finish 23-Feb-18	^c orecas		04 11 AW-MP-10020		5 04 11 18	25	01	08
	Access for ABWF/MEP Installation (Linked from 9/F Slab Ca	0	21-Feb-18	23 1 65 10	⁻ eb-18				for ABWF/MEP Installation (Linked from) /F Slab Cast	date). 23-Fel	b-18
	MEP - 1st / 2nd / Final Fix	19		17-Mar-18		+	BS-MP-10	····			+	
	MEP - ELV- Equipment Ract / Cabling / Connection	27	22-Mar-18	26-Apr-18	/lar-18				BS-MP-10040 💳			
	Ready for ELV system T&C	0		27-Apr-18	-							
	Room (5-1-803M) @ GL 7-8/L			, , , , , , , , , , , , , , , , , , ,								
AW-MP-1	ABWF - Door / Ironmonargies	3	22-Mar-18	24-Mar-18	/ar-18				AW-MP-10240 🛏			
AS-MP-10	Acces for ABWF/MEP Installation	0	21-Feb-18		eb-18			Acces for	or ABWF/MEP Installation, 23-Feb-18			
	MEP - 1st & 2nd & Final Fix	25	21-Feb-18	21-Mar-18	eb-18		BS-MP-11000					-
	(BOH / Plant Rooms) (5-1-901M) GL 7-8/A-B											
	ABWF Sealer paint	3	16-Apr-18	19-Apr-18	Apr-18							
	ABWF-Door / Ironmongaries	3		09-May-18	-						-	
	Access for ABWF/MEP Installation (Linked from 9/F Slab Ca	0	16-Apr-18		Apr-18							
	MEP - ELV- Equipment Ract / Connection	27		11-Jun-18	· ·							
	MEP 1st / 2nd/final Fix	13		05-May-18								
	Room (5-1-806M) & (5-1-800M) @ GL 7-8/A-B		· · ·									<u> </u>
AW-MP-1	ABWF-Ceiling/WallI Sealer	5	21-Feb-18	26-Feb-18	⁼ eb-18				•			
AS-MP-10	Acces for ABWF/MEP Installation	0	21-Feb-18		⁼ eb-18			Acces for	or ABWF/MEP Installation, 23-Feb-18			
BS-MP-10	MEP - 1st Fix	25	27-Feb-18	27-Mar-18	/ar-18			-				
	MEP - 2nd & Final Fix	54	28-Mar-18	05-Jun-18	Apr-18			1				:
	esting & Comissioning (4/F - 16/F & R/F - UR/F)											
MEP System Electrical												
	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18	:					♦		
EL-CLP-101	TX Room B CLP power on (M+ & CSF)	0		24-Mar-18	:					•		
CSF Tower	r											
Tower Crane												1
Provision of TC4 Erection	TC4 (CSF, Entrance Portal & AEL North Podium Constructio	on)			_							
	TC4 Operational Period	255	20-Oct-17	30-Aug-18	Apr-17					i		
	RC Structure Construction (G/F - 8/F & R/F)			J. J.								
	structure RC Works											
CSF Buildin	ure @ Portion - T (G/F to 8/F)											
	B' to F' / 4' to 6'											
	Complete CSF Structure (IPSMS B7: 31 July 2017 rev to Jun	0		20-Apr-18	_							Į
	CSF - 3/F to 4/F Construction (Incl envelope)	15	20-Nov-17									
	CSF - 4/F to 5/F Construction (Incl envelope)	14		22-Dec-17								-
	CSF - 5/F to 6/F Construction (Incl envelope)	14		11-Jan-18	_	-						
	CSF - 6/F to 7/F Construction	14		27-Jan-18	· ·							
	CSF - 7/F to 8/F Construction	14		13-Feb-18								
	CSF - 8/F to +61.13/62.0 Construction	14		05-Mar-18								
	CSF - 8/F to R/F Construction	36	06-Mar-18	20-Apr-18	Jul-18							
	g Temporary Works Material Hoist Erection (Initial)(LT-53 Shaft)	8	07-Dec-17	15-Dec-17	Jan-18							
	Material Hoist Operation period	197	16-Dec-17							·		
	FACADE Preliminaries										-	
	NG & APPROVAL - CSF											
	VING - Facade Doors Package #11 - CSF Doors - Total No. = 2 1st Shopdrawing Submission	2 86	20-0ct-17	01-Feb-18	lan_10							
	1st Shopdrawing Submission - Review & Approval	19		27-Feb-18	_							
	2nd Shopdrawing Submission	19		14-Mar-18					- <u> </u>		+	
	2nd Shopdrawing Submission - Review & Approval	19	15-Mar-18									
	VING - CSF Roof Louvre Wall	15	10 101-10	10 Abi-10	, an-10							
	3rd Shopdrawing Submission & Comment	16	20-Oct-17	08-Nov-17	Dec-17							
	NCE TEST - SHOPDRAWING SUBMISSION, FABRICATION, I	NSTALL/	ATION & TES	Γ		·	÷					ļ
	ANCE TEST & MOCK UP - CSF	0		20 4								
	Handover CSF Roof Louvre Wall Working Areas, Provide Acc	0	12 10-10	30-Apr-18		-			A19460			
A19460	Installation Performance Mock up	37	13-Mar-18						A19460			1
	Ordering & Production of Material DRAWING SUBMISSION & TEST - CSF Building	95	12-1004-17	13-Mar-18	/iar-1/							
A19540	Perf MU - Commence Testing of CSF Facade	0		24-Mar-18						 \$	•	
A19530	Perf MU - CSF Facade Installation	38	06-Feb-18	24-Mar-18						-		
					0						1	<u> </u>



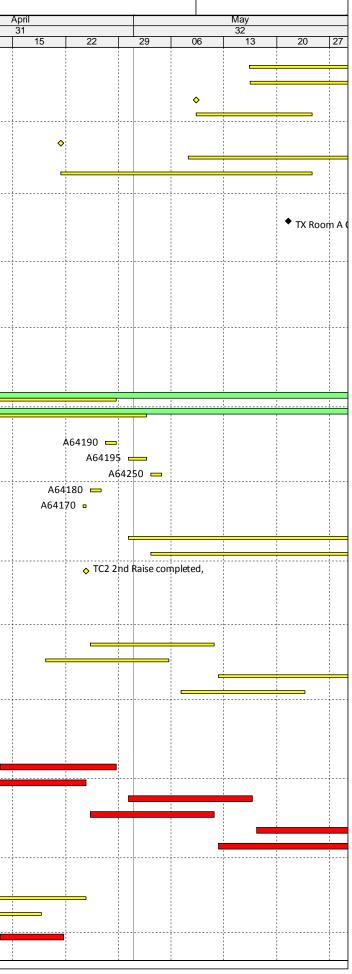
ctivity ID	Activity Name	CMWP		CMWP	Actual					F	ebruary					arch			
		Dur.	R0.D8 Start	-R0.D8 Finish	;orecas	21		28	04	4	29 11	18	25	04	11	30	25	01	08
A19520	Perf MU - CSF Facade Ordering & Production	89	20-Oct-17						<u> </u>			<u> </u>				10	20		
A19550	Perf MU - Testing & Report Submission of CSF Facade		26-Mar-18		-														
	ON MOCK UP & INSPECTION																		
Prod MU -	CSF Facade Panel																		
	CSF Facade Panel Prod MU	54	12-Apr-18	15-Jun-18	\ug-18														-
	& Delivery of CSF Facade System	112	07 Dec 17	20 Apr 19	Apr 19														
A19570	Glass Production and Fabrication	113	07-Dec-17			-							:	1		1	1		
A19560	Glass Wall Production and Fabrication	187	06-Nov-17																
A19580	Roof Louvre Wall Production & Fabrication	144	03-Jan-18	03-JUI-18	Apr-18													T	
A19600	duction & Fabrication Fabrication of Insulated Glass Panel	54	03-Jan-18	09-Mar-18	1av-18														
A19590	Ordering of Coated Glass	60		02-Jan-18											- :			<u> </u>	
	Production & Fabrication	00	20 000 17	02 3011 10	Juli														
A19620	Aluminium Extrusion Production	22	17-Nov-17	12-Dec-17	/ar-18														
A19640	Application of PVF2 Coating	16	24-Jan-18	12-Feb-18	Apr-18														
A19610	Die Making	10	06-Nov-17			_	-					 (
A19630	PVF2 Paint Ordering	38		24-Jan-18														<u> </u>	
A19650	Steel Frame Fabrication - Roof Louvre	66	14-Mar-18			-									A19650 📥				
	re Wall Production & Fabrication	00	14-10101-10	00-Juli-18	hay-10									'					
A19700	Aluminium Extrusion Production	27	10-Mar-18	16-Apr-18	Apr-18									A19700				<u> </u>	
A19720	Application of PVF2 Coating	11	16-Apr-18		-														A19
A19690	Die Making	54	-	10-Mar-18	-		:						:					<u> </u>	
A19730	Fabrication & Assemble of Louvre Units	54		05-Jul-18	-	-													
A19710	PVF2 Paint Ordering	27	10-Mar-18											A19710				<u></u>	
A19710	Steel Frame Fabrication - Roof Louvre	107		17-May-18															
CSF Externa		107	02-1411-10	17-1Vldy-10	-10-10													Τ	
	ure Milestones																		
A19830	CSF - Wall, Column & 6/F to 7/F Slab Complete	0		27-Jan-18			\$												
A19840	CSF - Wall, Column & 7/F to 8/F Slab Complete	0		13-Feb-18							◇								
A19850	CSF - Wall, Column & R/F Slab Complete	0		20-Apr-18															
FACADE IN	STALLATION - by Permasteelisa																		
A19860	Access for PISA Survey (6/F to 8/F)	0		09-Feb-18						◇									
A20020	Handover of Working Area (7/F to R/F)	0		24-Apr-18															
A19961	PISA-Embed Survery/Report/Remedial/Bracket Installation	7	09-Feb-18	21-Feb-18	lun-18				A1996	1									
A64790	PISA-Embed Survery/Report/Remedial/Bracket Installation	69	25-Apr-18	18-Jul-18	\ug-18														
A19951	PISA-Embed Survery/Report/Remedial/Bracket Installation	57	21-Nov-17	30-Jan-18	⁻ eb-18			-				I							
A20220	PISA-Embed Survery/Report/Remedial/Bracket Installation	65	25-Apr-18	14-Jul-18	\ug-18														
MEP Vertic	cal Louvre Screen Wall - South Elevation (East to West)																		
	Access for PiSA Survey (R/F, GL 4'-5' / B'-F')	0		25-Apr-18															
LT10880	fts (LT30, LT31 & LT32) @ Zone T	0	20 Apr 19		100 19														
	Available of lift Shaft LT30, LT31 & LT32	0	20-Apr-18 21-Apr-18	10 May 10	\ug-18														
LT10890	Builders' Work for LT30, LT31 & LT32 Lift Shaft	23																	
LT10900	Lifts Car Installation (LT30, LT31 & LT32) an & Disable Lifts (LT51) @ Zone T	54	19-May-18	24-JUI-18	sep-18														
LT10930	Available of Lift Shaft LT51	0	04-May-18		Sep-18														
LT10940	Builders' Work for LT51 Lift Shaft		04-May-18			-													
LT10940	LT51-Lift Installation & T&C	-	-		-	-													
	LT51-Lift Installation & T&C	67	19-May-18	03-Aug-18	- 19-18							·····							
LT11030	Available of lift Shaft LT52 (after AHU Transported G/F to 7/I	0	20-Apr-18		ug-18														
LT11040	Builders' Work for LT52 Lift Shaft & M/C Room	13	21-Apr-18	07-Mav-19	-														
LT11040	LT52-Lift Installation & T&C		08-May-18																
	ABWF & Building Services (G/F - 8/F & R/F)	07	00-1vidy-10	21-301-10	veh-10														
CSF Tower 0												••••••							
	1/F BOH /FOH ABWF/MEP Installation	85	23-Dec-17	12-Apr-18	/lar-18	<u> </u>											1		
CSF-10310	3/F BOH /FOH ABWF/MEP Installation	85	29-Jan-18	16-May-18	8 1ay-18	F-103	310 🗕										<u> </u>	+	
CSF-10320	4/F BOH /FOH ABWF/MEP Installation	85		02-Jun-18														<u> </u>	
CSF-10330	5/F BOH /FOH ABWF/MEP Installation	85	06-Mar-18	20-Jun-18	Jul-18													<u> </u>	
	6/F BOH /FOH ABWF/MEP Installation	85	21-Apr-18									••••••						-	
	G/F BOH /FOH ABWF/MEP Installation	85	07-Dec-17	_	-									1	1	1 	1	+	
2/F	-, -, -,											T							
								1										1	



Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actua	al			February		Ī	Ma	ırch		
,		Dur.	R0.D8 Start	-R0.D8	/		21 20	04	29	19	25		0	01	00
AW-CSE-11	ABWF-Ceiling Close-up	7	10-Mar-18	Finish 17-Mar-18	^c oreca		21 28	04	11	18	25	04 11 /-C\$F-12030	18 25	01	08
	ABWF-Ceiling Frame	7		01-Mar-18	-				AW-CSF-1202						
	ABWF-Door/Ironmogaries	6		27-Apr-18											AW-C
	ABWF-Dry Wall Close-up/	7	· ·	21-Feb-18			AW-CSF-1	2010							
	ABWF-Dry Wall Stud	7		19-Jan-18				2010 -							
	ABWF-Wall/Ceiling/Floor Final Finishing	25		20-Apr-18	· ·	_						AW-CSF-12)40		
	Access for ABWF/MEP Installation	0	12-Jan-18	20 Apr 10	Apr-1										
	MEP Final Fix	7		28-Apr-18	· ·										BS-C
	MEP- MEP Dropper	7		09-Mar-18		_				BS-C	F-11230				
	MEP-1st/2nd Fix-Duct/Containment/ Pipe/FCU	25		09-Feb-18											
	(BOH/Plant Room Area)		12 0011 10	05 1 05 10	ibi T										
	ABWF - Block Wall / Rendering / Floor Screeding	19	12-Jan-18	02-Feb-18	۹pr-1	8									
AW-CSF-12	ABWF- Wall / Ceiling 1st Coat	7	12-Feb-18	22-Feb-18	1ay-1	8				_					
AS-CSF-10	Access for ABWF/ MEP Installation	0	12-Jan-18		۹pr-1	8									
AW-CSF-11	BW - Equipment Plinth	7	03-Feb-18	10-Feb-18	1ay-1	8									
BS-CSF-11	MEP - AHU Room Installation-1st / 2nd / Final Fix Installatio	54	23-Feb-18	02-May-18	lun-1	8				-	1				1
BS-CSF-11	MEP - ICT Room Installation - 1st / 2nd / Final Fix Installaion	25	23-Feb-18	23-Mar-18	lun-1	8				E					
AS-CSF-10	MEP - Riser Installation (Linked from 8/F Access Date)	54	06-Mar-18	12-May-18	·Jul-1	8									
BS-CSF-11	MEP/ ELV-ELV Room Installation-1st / 2nd / Final Fix Installa	54	23-Feb-18	02-May-18	lun-1	8				-					
7/F															
7/F, GL B'-F'	(FOH Area) ABWF - Dry Wall Stud	7	21_Apr_18	28-Apr-18	λuσ_1	o				· · · · · ·					
	ABWF - Metal Ceiling Panel frame installation	19		14-May-18		_									
	Access for ABWF / MEP Installation	0	21-Apr-18	14-11/10/10	lug-1										
	Common Scaffold Erection @ 7/F Painting Studio	13	· ·	07-May-18											
	MEP - 1st / 2nd fix (HL) / Containment / A/C duct / FS Pipe	19		06-Jun-18	-										
	MEP - 1st / 2nd Fix-Duct / Containment / Pipe / FCU	25		06-Jun-18											
	PISA - Glass Curtain Wall Installation (Along GL 4')	13		07-May-18											
	(BOH/Plant Room Area)	15	2170010	07 Way 10	Tug 1										
	ABWF - Block Wall/Rendering/Floor Screeding	19	07-May-18	29-May-18	Sep-1	8									
AS-CSF-10	Access for ABWF/MEP Installation	0	06-May-18		Sep-1	8									
AS-CSF-10	MEP- Riser Installation (Linked from 8/F Access Date)	54	07-May-18	11-Jul-18	Sep-1	8									
8/F															
8F Chiller P	ABWF-Roof Insulation/screeding/Floor Finishing	19	15-May-18	06-Jun-18	Sep-1	8									
	Access for ABWF/MEP Installation (linked from CSF Roof str	0	21-Apr-18		Nug-1										
	BW- Water Proofing/Test/Floating Slab/ Plinth		21-Apr-18	14-Mav-18											
	MEP- Position Chiller/Heat Pump/ Water Pumps Equipment	7	15-May-18												
8F-PAU Roo			,	,											
	ABWF-Block Wall Erection	7	09-May-18	16-May-18	Sep-1	8									
AW-CSF-12	ABWF-Water Proofing/Test/Screeding	7	17-May-18	25-May-18	Sep-1	8									
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	09-May-18		Sep-1	8									
	BW- Equipment Plinth Construction/Water Proofing/Test/Sc	7	09-May-18	16-May-18	Sep-1	8									
	Vater Pumps Room ABWF-Block Wall Erection	7	00 May 19	16 May 18	ion 1	0									
	Access for ABWF/MEP Installation (linked from CSF Roof str	7	09-May-18	16-May-18											
	BW- Floating Slab/Plinth Construction/Water Proofing/Test/		17-May-18		Sep-1										
	Heat Pump Control Room	19	17-1Vldy-10	08-Juli-18	sep-1	.0									
	ABWF-Block Wall Erection	7	17-May-18	25-May-18	Sep-1	8									
AS-CSF-10	Access for ABWF/MEP Installation (linked from CSF Roof str	0	09-May-18		Sep-1	8									
8F- Water Ta	nk and Pumps Room				_										
	ABWF-Block Wall Erection	7	17-May-18	25-May-18	Sep-1	8									
	Access for ABWF/MEP Installation (linked from CSF Roof str	0	21-Apr-18		ug-1	8									
Roof	ABWF-Cast-in Bolt for Fall Arrested System	7	21-Apr-18	28-Apr-18	1σ_1	8									
	ABWF-Waterproof	7		08-May-18											
	RL- Install Pre-cast RC Panel	54		13-Jul-18	-										
	RL-Cast-in Bolt for Pre-cast RC Panel	7		28-Apr-18											
	Roof Structure Completed	0		21-Apr-18		-									
All Level		J		//p/ 10											
	52 & ST-51) (GL 6/B' & 4'/F')														

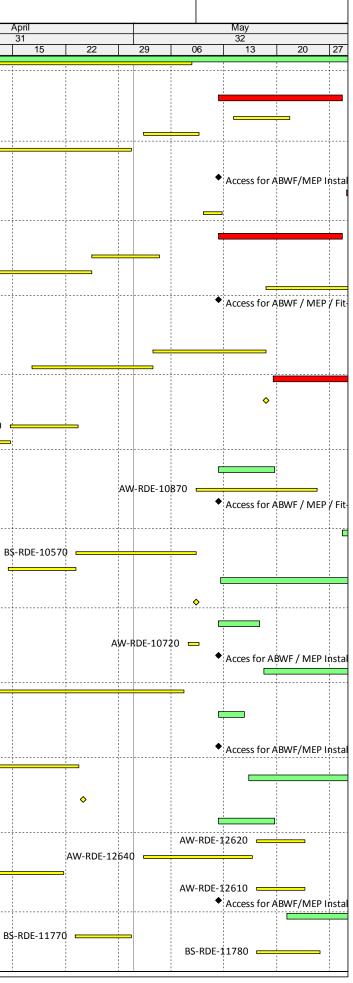


Activity ID		Activity Name	CMWP	CMWP -	CMWP	Actua				February		Ī		Marc	h			
			Dur.	R0.D8 Start	-R0.D8	/				29				30				
	52 (GL 6	//////////////////////////////////////			Finish	[:] oreca	21	28	04	11	18	25	04	11	18	25	01	08
		ABWF - Metal Work- Hand rail, balustrade	13	16-May-18	01-Jun-18	Sep-18												
AV	W-CSF-1	ABWF - Wet Trade, Floor / Wall / Ceiling	19	16-May-18	08-Jun-18	Sep-18												
AS	S-CSF-1(Access Date for ST-52 (Linked from 8/F Slab Cast)	0	09-May-18		Sep-18												
BS	-CSF-11	MEP 1st /2nd Fix, FS Riser / Containment	13	09-May-18	24-May-18	Sep-18												
Rise	ers (GL4'	/ C' & 4'/F')																
		Access for MEP Installation (Linked from R/F Slab Cast date)	0	21-Apr-18		ug-18	1											
		MEP & ELV Cablings	27	08-May-18														
		MEP Riser Installation-1st/2nd Fix Installation	27	21-Apr-18	24-May-18	ug-18												
	Tower System	Testing & Comissioning (G/F - 8/F & R/F)																
	ctrical																	
EL-0	CLP-101	TX Room A CLP power on (M+ & CSF)	0		24-Mar-18													
RDE	Towe	r																
		e Provision																
		TC1-A & TC1-B (RDE & CSF Construction) I-B Erection																
		TC1-A 1st Operational Period	55	31-Oct-17	05-Jan-18	lov-17												
		TC1-B 1st Operational Period	61		08-Jan-18		1				l I							
		-B 1st Jack																
A64	4140	1st Raise & Jack up of TC1-A to 65.1mPD	2	06-Jan-18	08-Jan-18	/lar-18							1					
A64	4150	1st Raise & Jack up of TC1-B to 55.1mPD	2	09-Jan-18	10-Jan-18	/lar-18												
A64	4130	Inspection and ICE & RPE Certification for TC1-A Ties	2	04-Jan-18	05-Jan-18	eb-18						_						
A64	4120	Install & Connect Tie-in between TC1-A & RDE 2/F slab	1	03-Jan-18	03-Jan-18	eb-18					l I							
A64	4690	TC1-A 2nd Operational Period	88	09-Jan-18	28-Apr-18	/lar-18										į		
A64	4680	TC1-B 2nd Operational Period	88	11-Jan-18	02-May-18	/ar-18			: : :						-	1		
		-B 2nd Jack																
	4190	2nd Raise & Jack up of TC1-A to 107mPD	2		28-Apr-18													
	4195	2nd Raise & Jack up of TC1-B to 97mPD	2	-	02-May-18	-	1											
	4250	Inspection and ICE & RPE Certification for TC1-A & TC1-B	2	-	04-May-18		++											
	4180	Inspection and ICE & RPE Certification for TC1-A & TC1-B Ti	2		26-Apr-18	-												
	4170	Install & Connect Tie-in between TC1-A & TC1-B & RDE 8/F s	1	24-Apr-18	24-Apr-18													
	4160	RDE 8/F Slab Portion B Completed	0		07-Apr-18													>
	4710	TC1-A 1st Operational Period	191	· ·	15-Dec-18													
	4700	TC1-B 1st Operational Period	189	03-May-18														•
	4155	TC2 2nd Raise completed	0		24-Apr-18													
		RC Structure Construction (GF - 15M/F & UR/F) structure RC Works																
RDE	Buildin	g																
		ure @ Portion - U (G/F to 15M/F) 'id Line G' to J' / 1' to 6'																
		RDE - Walls, Columns & 10/F Slab - Zone A	14	25-Apr-18	11-May-18	Jul-18												
A	50945	RDE - Walls, Columns & 10/F Slab - Zone B	14	19-Apr-18	05-May-18	Jul-18												
		RDE - Walls, Columns & 11/F Slab - Zone A	14		29-May-18													
		RDE - Walls, Columns & 11/F Slab - Zone B	14	-	23-May-18		-											
A!	50860	RDE - Walls, Columns & 3/F Slab - Zone A	14	20-Dec-17	08-Jan-18	Dec-17									÷			
A	50865	RDE - Walls, Columns & 3/F Slab - Zone B	14	14-Dec-17					· ·		<u>.</u>		1					
A!	50870	RDE - Walls, Columns & 4/F Slab - Zone A	14	09-Jan-18	24-Jan-18													
A!	50875	RDE - Walls, Columns & 4/F Slab - Zone B	14		18-Jan-18											i		4
	50880	RDE - Walls, Columns & 5/F Slab - Zone A	14		09-Feb-18													
	50885	RDE - Walls, Columns & 5/F Slab - Zone B	14		03-Feb-18			····			[]]]							
		RDE - Walls, Columns & 6/F Slab - Zone A	14		01-Mar-18	-			-									
A!	50895	RDE - Walls, Columns & 6/F Slab - Zone B	14	05-Feb-18	23-Feb-18	۹pr-18	1				-	-						
A!	50900	RDE - Walls, Columns & 7/F Slab - Zone A	14		17-Mar-18							=			-			
		RDE - Walls, Columns & 7/F Slab - Zone B	14		12-Mar-18		1											
A!		RDE - Walls, Columns & 8/F Slab - Zone A	14		07-Apr-18						[· · · · · · · · · · · · · · · · · · ·		J
		RDE - Walls, Columns & 8/F Slab - Zone B	14		28-Mar-18													
		RDE - Walls, Columns & 9/F Slab - Zone A	14		24-Apr-18													
		RDE - Walls, Columns & 9/F Slab - Zone B	14	29-Mar-18		-	1									_		
		g Temporary Works																
		Material Hoist Erection (Initial)	8	25-Jan-18	02-Feb-18	۹pr-18												•
RDE	Building	FACADE Preliminaries														1		



Activity ID	Activity Name	CMWF	P CMWP - (CMWP	Actual		February	Ī		Marc	h	Ī		April				May		
		Dur.	R0.D8 Start	-R0.D8	/		29			30				31				32		
SHOP DRA	WINGS + DESIGN CALCULATION			Finish	⁻ orecas 21	28 04	11 18	3 25	04	11	18	25 0	30	15	22	29	06	13	20	27
SHOPDRA	WING + DESIGN CALCULATION - by Redland																			
A53490	3rd Shopdrawing for PreCast Tubes, Columns and Roof Pa		20-Oct-17 04	-Nov-17	Jan-18															
A53500	3rd Shopdrawing for PreCast Tubes, Columns and Roof Pa	n 13	06-Nov-17 20	-Nov-17	⁼eb-18															
A53710	WING + DESIGN CALCULATION - by PISA 2nd Shopdrawing for Window Wall, Facade Window, Louv	12	20-Oct-17 04	Nov 17	206.17															
A53710 A53720	2nd Shopdrawing for Window Wall, Facade Window, Louv																			
A53720 A53860	3rd Shopdrawing for Window Wall, Facade Window, Louv 3rd Shopdrawing for Window Wall & Louver at 15F to RF		09-Nov-17 23 09-Dec-17 23																	
A53800	3rd Shopdrawing for Window Wall & Louver at 15F to 14F 3rd Shopdrawing for Window Wall & Louver at 2F to 14F		20-Oct-17 23																	
A53680	3rd Shopdrawing Cast-in Embed for Window Wall & Louve		24-Nov-17 08																	
A53620	3rd Shopdrawing Cast-in Embed for Window Wall & Louve		20-Oct-17 08																	
A53730	3rd Shopdrawing for Window Wall, Facade Window, Louve		24-Nov-17 08				1													
A53740	3rd Shopdrawing for Window Wall, Facade Window, Louve		09-Dec-17 23																	
	NCE MOCK UP TEST	10	05 800 17 25	Dec 17																
	ANCE MOCK UP TEST - by PISA																			
A54020	2nd Performance Mock Up Test Design Submission of Win	d 13	21-Nov-17 05	-Dec-17	Dec-17															
A54030	3rd Performance Mock Up Test Design Submission of Win	dc 13	06-Dec-17 20)-Dec-17	Jan-18															
A54040	3rd Performance Mock Up Test Design Submission of Win	dc 13	21-Dec-17 08	8-Jan-18	Jan-18															
	IG + DESIGN CALCULATION NG + DESIGN CALCULATION - by PISA																			
	1st BD Submission Cast-in Embed for Window Wall & Louv	ve 11	20-Oct-17 02	-Nov-17	/lar-17															
A54240	2nd BD Submission Cast-in Embed for Window Wall & Lou	vi 13	18-Nov-17 02	-Dec-17																
A54440	3rd BD Submission for Window Wall & Louver at 15F to RF	- 13	09-Jan-18 23	B-Jan-18	Jan-18 -														- - -	
RDE Externa	I Envelope																			
RDE Struct		0	40																	
	RDE - Wall, Column & 7/F Slab Complete STALLATION - by Permasteelisa	0	18	-Mar-18																
	EVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04	l, 05a & 05l	b)																 	
A21290	Handover of Working Area (after completion of 7/F Slab)	0	19	-Mar-18							♦									
A21310	RDE - 2/F to 3/F Install Window Curtain Wall (2 wks per fl	ос 3	07-Apr-18 10)-Apr-18	lun-18								<u> </u>							
A21320	RDE - 3/F to 4/F Install Window Curtain Wall	3	21-Apr-18 24	-Apr-18	·Jul-18															
A21330	RDE - 4/F to 5/F Install Window Curtain Wall	3	07-May-18 09	-May-18	Jul-18												-		, , ,	
A21340	RDE - 5/F to 6/F Install Window Curtain Wall	3	21-May-18 24	,														ļ		
A21295	RDE - Survey & Setting Out G/F to 7/F (North Elevation)		19-Mar-18 06	-Apr-18	lun-18								-							
A21450	VATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, Handover of Working Area (after completion of 7/F Slab)	USA & USD 0		-Mar-18							♦									
A21470	RDE - 2/F to 3/F Install Window Curtain Wall	3	11-Apr-18 13		lun-18						`		_	_						
	RDE - 3/F to 4/F Install Window Curtain Wall	3	25-Apr-18 27																1	
A21490	RDE - 4/F to 5/F Install Window Curtain Wall		10-May-18 12																	
	RDE - Survey & Setting Out G/F to 7/F (West Elevation)		19-Mar-18 06										_							
	EVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04																			
A21640	Handover of Working Area (after completion of 7/F Slab)	0	19	-Mar-18							◇								1 1 1	
A21660	RDE - 2/F to 3/F Install Window Curtain Wall	3	14-Apr-18 17	'-Apr-18	lun-18						<u>.</u>									
A21670	RDE - 3/F to 4/F Install Window Curtain Wall	3	28-Apr-18 02	-May-18	·Jul-18										1				, , ,	
A21680	RDE - 4/F to 5/F Install Window Curtain Wall	3	14-May-18 16	-May-18	·Jul-18															
A64740	RDE - Survey & Setting Out G/F to 7/F (South Elevation)		19-Mar-18 06	-Apr-18	lun-18								-							
A21800	VATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, Handover of Working Area (after completion of 7/F Slab)	05a & 05b) 0		-Mar-18															, , ,	
A21800	RDE - 2/F to 3/F Install Window Curtain Wall	3	18-Apr-18 20		lun-18														; 	
A21820	RDE - 3/F to 4/F Install Window Curtain Wall	3	03-May-18 05																1 1 1	
A21840	RDE - 4/F to 5/F Install Window Curtain Wall	3	17-May-18 19																	
	RDE - Survey & Setting Out G/F to 7/F (East Elevation)		19-Mar-18 06										_							
	STALLATION - by ISP			10. 20	-															
	EVATION - Facade Mesh Balustrade (FC-BA-02)																			
	RDE - 2/F Install Facade Mesh Balustrade (FC-BA-02)		21-Apr-18 04																	
A22030	RDE - 3/F Install Facade Mesh Balustrade (FC-BA-02)		07-May-18 18																	
	RDE - 4/F Install Facade Mesh Balustrade (FC-BA-02)	11	21-May-18 02	-Jun-18	\ug-18															
	ABWF & Building Services (GF - 15M/F & UR/F) GF - 14F, Excluding 2F, 5F, 15F & 15MF										+									
	3/F - ABWF / MEP Installation (Similar working procedure	5 ē 94	13-Mar-18 09	9-Jul-18	1ay-18				RDE-10	120										+
RDE-10130	4/F - ABWF / MEP Installation (Similar working procedure	sa 94	29-Mar-18 25	5-Jul-18	lun-18						RDE-1	.0130								
RDE-10150	6/F - ABWF / MEP Installation (Similar working procedure	s a 86	07-May-18 17	-Aug-18	Jul-18													1	i !	
í.								· ·												

Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual				February				March	1			
		Dur.	R0.D8 Start	-R0.D8 Finish	/ Forecas	21	28	 04	29 11	18	25	04	30	18	25	01	08
RDE-10140	G/F - ABWF / MEP Installation (Similar working procedures	; 86	19-Jan-18				23	 		10			-		20	01	
2F								 					-	 , , ,			
Toilets (GL	ABWF - Block Wall	13	24 Eab 19	10-Mar-18	104.10	2											
	ABWF - Ceiling Close up / Ceiling Finish	7	14-May-18										-				
	ABWF - Ceiling Close up / Ceiling Finish ABWF - Ceiling Grid/Ceiling Panel with Service Openings	7	-	09-May-18	-												
	ABWF - Floor screeding / Wall Plastering/ Tiling	19	-	30-Apr-18				 						, , , ,			
	ABWF - Waterproofing/Water Test	7		07-Apr-18													
	Access for ABWF/MEP Installation (Linked from 5/F Slab Ca		24-Feb-18	07 Арт 10	1ay-18												
	MEP - Low Level P&D Pipework, H/L 1st/2nd Fix	13	12-Mar-18	26-Mar-18	· ·						~						
) MEP Dropper	3		12-May-18													
	-6'/G'-J') (including lobby)	3	10 110 10	12 May 10	Jui Ic			 						; 			1
	ABWF - Block Wall	13	24-Feb-18	10-Mar-18	1ay-18	3					<u> </u>		-				
AW-RDE-1	ABWF - Ceiling Close Up	7	25-Apr-18	04-May-18	Jul-18	3											
AW-RDE-1	ABWF - Ceiling Frame	13	10-Apr-18	25-Apr-18	lun-18	3											
AW-RDE-1	ABWF - Wall Final Finish	13	18-May-18	04-Jun-18	\ug-18	3		 						; ; ; ;			
AS-RDE-10	Access for ABWF / MEP / Fit-out Installation (Linked from 5	, 0	24-Feb-18		1ay-18	3					◇						
AW-RDE-1	Facde Completion and watertight	0		10-Apr-18													♦
BS-RDE-10	MEP - 2nd fix include cabling and wiring	19	14-Mar-18	10-Apr-18	1ay-18	3											<u> </u>
BS-RDE-10	MEP - Final Fix	13	03-May-18	18-May-18	Jul-18	3											
BS-RDE-10	MEP Dropper - FS dropper / Electrical Flexible / wiring	13	17-Apr-18	03-May-18	lun-18	3		 									
BS-RDE-10	MEP Installation H/L 1st Fix	19	03-Mar-18	26-Mar-18	1ay-18	3											
	Ready for T&C (FS)	0		18-May-18													
	L 1'-2'/G'-J')		44.4	22.4	1												
	ABWF - Ceiling Close Up	7	-	23-Apr-18	-												RDE-10840
	ABWF - Ceiling Frame	7	06-Apr-18 19-Mar-18	14-Apr-18				 						<u>.</u>	AW-RDI	-10830 🗖	
	ABWF - Close Dry Wall	7		03-Mar-18		-				DE-10810		A	W-RDE-10820	;			
	ABWF - Dry Wall stud	7							AVV-NL	JE-1081(
	ABWF - Wall Final Finish Access for ABWF / MEP / Fit-out Installation (Linked from 5	13	24-Feb-18	25-May-18													
	Face Completion and watertight	0	24-Feb-10	19-Mar-18	1ay-18	>					\$			•			
	MEP - 2nd fix include cabling and wiring	19	10 Mar 19	06-Apr-18		,		 				BS-RDE-10550					
) MEP - Final Fix	13		09-May-18								D3-NDL-10330					6
	MEP Dropper - FS dropper / Electrical Flexible / wiring	7		23-Apr-18												BS-R	DE-10560
	MEP Dropper - PS dropper / Electrical Flexible / Willing	19		19-Mar-18					RS-R	L DE-1054						05-11	DL-10300
	D Ready for T&C (FS)	0	24-160-18	09-May-18		5			55 N	1054							
	(GL 2'-3'/H')	0		09-1viay-18				 									
	ABWF - Ceiling/Walll Sealer	5	24-Feb-18	01-Mar-18	1ay-18	3			AS-RI	DE-1026	•	-					
AW-RDE-1	ABWF - Door / Ironmonargies	2	08-May-18	09-May-18	Jul-18	3											
AS-RDE-10	Acces for ABWF / MEP Installation (Linked from 5/F Slab Ca	<u>د</u> 0	24-Feb-18		1ay-18	3					\$						
BS-RDE-10) MEP - 1st Fix	25	02-Mar-18	03-Apr-18	1ay-18	3				BS-	RDE-10220			<u> </u>	1		
BS-RDE-10	MEP - 2nd & Final Fix	27		07-May-18				 							BS-RDE-10	230 💻	
	(GL 3'-A'-B')																
	ABWF Sealer paint	3		27-Feb-18					AW-RI	E-10700							
	ABWF-Door / Ironmongaries	3		17-Mar-18								AW-RDE-	10710 —				
	D Access for ABWF/MEP Installation (Linked from 5/F Slab Ca		24-Feb-18		1ay-18			 			♦						
	0 MEP - ELV- Equipment Rack / Cabling / Connection	27		23-Apr-18								E	S-RDE-10500)			
	MEP 1st / 2nd Fix	13	28-Feb-18	14-Mar-18		3				BS-RDE	-10490 =						
	Ready for ELV system T&C	0		24-Apr-18										 			
	by & Corridor @GL 4'/G' ABWF - Floor Screeding, Wall/Ceiling 1st coat	7	24-Feh-18	03-Mar-18	1av-19	3			AW-RI	E-12600							
	ABWF-Door Ironmogaries	5		23-May-18	-			 							-	+	
	ABWF-Bool Holmioganes	13		16-May-18													
	ABWF-FR Ceiling Frame	13	-	21-Apr-18										1 1 1	AW-RI	E-12630 =	
	ABWF-Wall Final Finishing	5		23-May-18	-												
	Access for ABWF/MEP Installation (Structure and Non struc		24-Feb-18		1ay-18									1 1			
	MEP - 1st / 2nd Fix Installation	25		06-Apr-18				 			B\$-RDE-1	1760		 	+		
	MEP-Dropper	7		30-Apr-18													B
	MEP-Final Fix	7	17-May-18	-	-												
5F																	
						-	L	 			• •						

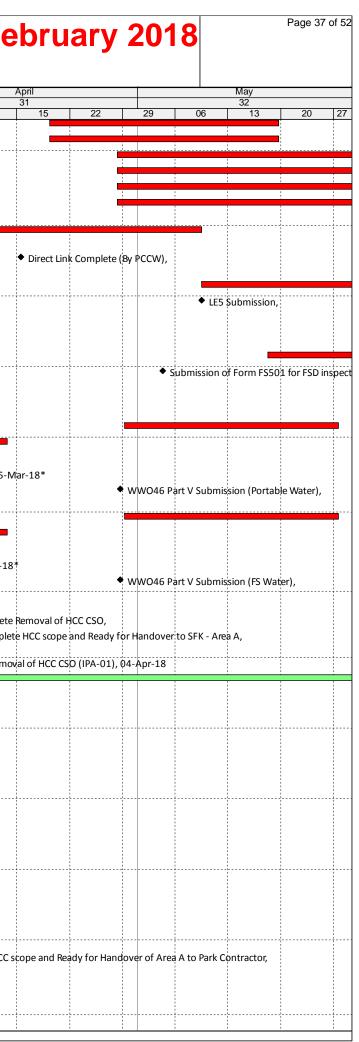


Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual /				February 29	ý				March 30					April 31					May 32	
BDE 10350	ELE Poom (SE) at GL2 21/41 (similar working around uses as (19-Apr-18	Finish	orecas	21	28	04	11	18	2	5	04	11	18	25	01	08 BDE	15 10250	2	2	29	06	13	20 27
	ELE Room (5F) at GL2'-3'/H' (similar working procedures as : ELV Room (5F) at GL3'/A'-B' (similar working procedures as :	58 45	· ·	28-Jun-18 12-Jun-18																					
	FS Lift Lobby & Corridor (5F) at GL4'/G' (similar working procedules as 7	63	19-Apr-18															RDE	-10290						
	Toilets (5F) at GL2'-3'/H' (similar working procedures as 2/F)	84	19-Apr-18																t				-		
FOH (GL 1'-	2'/G'-H', 1'-2'/G'-J', 5'-6' & 2'-5'/H'-J') (including lobby)																								
	Access for ABWF / MEP / Fit-out Installation (Linked from 8,		19-Apr-18		·Jul-18														\$	>					
	MEP - 2nd fix include cabling and wiring		28-Apr-18																		-				
	MEP Installation H/L 1st Fix Testing & Comissioning (G/F - 15WF & UR/F)	19	19-Apr-18	11-May-18	Jul-18																				
MEP System																									
Electrical															_										
	TX Room RDE CLP power on	0		24-Mar-18											•	TX ROOM F	RDE CLP pow	/er on,							
Key Dates	Construction																								
A31600	Practical Completion of SPS & H/O to DSD	0		11-Dec-17							Practic	al Comple	etion of SPS &	H/O to	DSD,										
A31590	SPS and ICP (Portion A & B) - Full Access to Park Contractor	0		06-Apr-18		—											♦						♦ SP	S and ICP (P	ortion A & B) - Full
	S (Sewerage Pumping Station)																								
SPS - Extern A56570	al Envelope SPS - Final Fix & Facade Final Cleaning	4	02-Nov-17	07-Nov-17	-eb-18																				
A32220	SPS - Install GRC Architectural Louvre & Bracket		20-Oct-17					:		:															
SPS - Acces	s Pavement																								
	SPS - Backfilling		20-Oct-17																						
	SPS - Construct SPS access pavement	9	23-Oct-17	02-Nov-17	Jan-18								_												
DSD	bry Inspection (Original)																								
A32250	SPS - Handover to DSD	1	09-Dec-17	11-Dec-17	Jan-18						1				 										
	(Interfacing Car Park)																								
M+ ICP KD	lerated Works Programme				_																				
	ICP Remaining Works Duration	0			Oct-17											1									
Civil Works	DA 14 A due en la deservant hu DD	0			400 10																				<u> </u>
A2160 A2140	BA 14 Acknowledgement by BD Construct Retaining Wall "E"	0			1ay-18																				
	rks - Level B1	U			60-10																				
	Parking Areas	0			0.47																				
	Blockwall + Plastering (Around cavity walls)	0			Oct-17											, , , ,									
A1110	Blockwall + Plastering and Painting _ Clear Wtr/Flush Wtr Pu	0			Dec-17																				
A1080	Blockwall + Plastering and Painting _ ELV Rm and ICT at B1 (1	0			Oct-17			<u>-</u>																	
A1090	Blockwall + Plastering and Painting _ Emer. Generator Set Rn	0			Oct-17																				
A1060	Blockwall + Plastering and Painting _ Ex. Fan Rm 2 (17)	0			Oct-17																				
A1105	Blockwall + Plastering and Painting _ FS Pump Rm (8)	0			Dec-17																				
A1100	Blockwall + Plastering and Painting _ FS/Spr. inlet cab., FS Co	0			Dec-17																				
A1120	Blockwall + Plastering and Painting _ Intake & Ex. Fan Rm 1 (0			Oct-17			1																	
A1065	Blockwall + Plastering and Painting _ Sprinker Pump Rm (17)	0			Oct-17																				
A1075 A1230	Blockwall + Plastering and Painting _ Switch Rm (12) Cleaning and protections	0			Nug-17 Nar-18		·····					A	1230 💻		 -										
A1230	Floor Screeding	0			Jan-18			:	-																
Staircase 8	Lift																								
A1190	Builders Works at Lift Lobby (Except ceiling)	0			⁻ eb-18						1														
A1170	Builders Works of ST-02 and Corridor area + Finishes	0			Oct-17																				
A1180	Builders Works of ST-03 and Finishes	0			lov-17			1																	
A1200 A1210	Builders Works of ST-04 and Corridor area + Finishes Chinese New Year 2018	0			lov-17																				
	rks - Level B2	U			en-18																				
Staircase 8	Lift						<u>.</u>	<u> </u>																	
A1450	Builder Works of ELE Room and Lift Lobby (Except ceiling)(2)	0			Jan-18					:															
A1460	Builder Works of ST-02 and Corridor area + Finishes	0			Jan-18		1	i	1	1	-	i													
A1440 A1430	Builder Works of ST-03 and Finishes Builder Works of ST-04 and Corridor area + Finishes	0			Dec-17 Dec-17																				
Major Plan		0			Jec-17																				
A1420	Blockwall + Plastering and Painting _ ELV Rm and ICT (4, 5)	0			lov-17																				
A1410	Blockwall + Plastering and Painting _ Exhuast Fan Rm 3 (1)	0			lov-17											 									

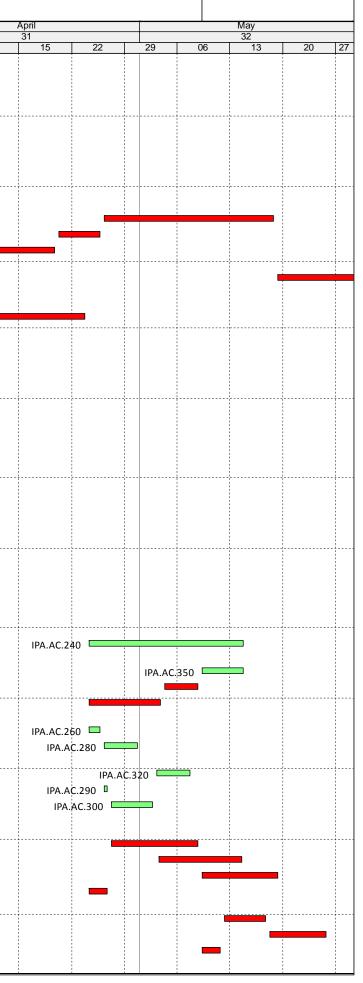
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual	1 F	ebruary		March		I	
		Dur.	R0.D8 Start	-R0.D8	/	21 28 04	29 11 18	25 04	30 11 18	25	01	08
A1480	Blockwall + Plastering and Painting _ Intake Fan Rm 2 (5)	0		Finish	[:] orecas Dec-17		11 10		11 10	23	01	00
A1470	Blockwall + Plastering and Painting _ Storage Rm (5A)	0			lov-17							
A1400	Chinese New Year 2018	0			⁻ eb-18							
Area A - Gl												
A1240	Blockwall installations + Plastering (Around cavity wall)	0			lov-17		41250					
A1250	Floor Screeding + Protection	0			⁻ eb-18		A1250					
Area B - Gi A1280	Blockwall installations + Plastering (Around cavity walls)	0			lov-17							1
A1290	Floor Screeding + Protection	0			² eb-18		A1290					
Area C - Gl		Ū			00 10							
A1320	Blockwall installations + Plastering (Around cavity walls)	0			lov-17							
A1330	Floor Screeding + Protection	0			⁻ eb-18		A1330					
Area D - Gi												
A1360	Blockwall installations + Plastering (Around cavity walls)	0			Dec-17		41270					
A1370	Floor Screeding + Protection	0			⁼ eb-18		A1370					
Fitting out A1670	Ceiling Installation	0			/lar-18							
A1660	Final Builders installations including doors and Road Signage	0			Apr-18							1
A1850	Fire damper & Enclosure Installation	0			1ay-18							
A1830	FRR Ceiling & Door Installation	0			Apr-18							
A1840	FS Shutter Installation	0			Apr-18							
A1640	Wall and Ceiling finishes _ PAINTING + Road marking B1	0			-eb-18							1
A1650	Wall and Ceiling finishes _ PAINTING + Road marking B2	0			⁻ eb-18							
Building Se												
	former Room	0										
A1510	Power energization	0			/lar-18							
B1/F	nation - 1st hx											
A1515	B1 Drive Way - MEP 1st Fix	0			lov-17							
A1525	B1 Parking Areas - MEP 1st Fix	0			Jan-18							1
A1915	MEP 1st Fix Clear Wtr/Flush Wtr Pump Rm & Security Rm	0			⁻ eb-18							
A1880	MEP 1st Fix _ ELV Room and ICT at B1 (14, 15)	0			Jan-18							1
A1890	MEP 1st Fix _ Emer. Generator Set Room (13)	0			⁻ eb-18							
A1860	MEP 1st Fix _ Ex. Fan 2 (17)	0			Jan-18				_			
A1910	MEP 1st Fix _ FS Pump Rm (8)	0			/lar-18							
A1900	MEP 1st Fix_FS/Spr. inlet cab., FS Control Ctr & Water Mtr (0			⁻ eb-18							
A1920	MEP 1st Fix_Intake ex. Fan Rm (6)	0			Jan-18							
A1865	MEP 1st Fix _ Sprinker Room (17)	0			Jan-18							
B2/F	Aroo A MED 1ct Eix	0			lan 19							
A1520 A1530	Area A - MEP 1st Fix Area B - MEP 1st Fix	0			Jan-18 Feb-18							
A1530 A1540	Area C - MEP 1st Fix	0			Jan-18							
A1540 A1550	Area D - MEP 1st Fix	0			Jan-18					1		
A1330 A2010	MEP 1st Fix _ ELV Room and ICT (4, 5)	0			-eb-18							
A2010	MEP 1st Fix _ Exhuast Fan Room 3 (1)	0			⁻ eb-18					-		
A2030	MEP 1st Fix _ Intake Fan Room (5)	0			² eb-18							
A2020	MEP 1st Fix _ Storage Room (5A)	0			-eb-18					;		
	llation - 2nd fix		· · · · · · · · · · · · · · · · · · ·		-							
B1/F							A1000					
A1555	B1 Drive Way - MEP 2nd Fix	0			⁻ eb-18		A1555			-		
A1985	MEP 2nd Fix_Clear Wtr/Flush Wtr Pump Rm & Security Rm	0			Apr-18							
A1960	MEP 2nd Fix _ E. Generator Set Room (13)	0			Apr-18							
A1950	MEP 2nd Fix_ELV Room and ICT at B1 (14, 15)	0			Apr-18	+						
A1930	MEP 2nd Fix _ Ex. Fan (17)	0			Apr-18							
A1970	MEP 2nd Fix _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr	0			Apr-18							
A1990 A1935	MEP 2nd Fix _ Intake ex. Fan Rm (6)	0			۹pr-18 ۹pr-18							
A1935 A1945	MEP 2nd Fix _ Sprinker Room (17)	0			-18 -eb-18							
B2/F	MEP 2nd Fix _ Switch Room (12)	U			en-19							
A1560	Area A - MEP 2nd Fix	0			4pr-18							
A1570	Area B - MEP 2nd Fix	0			Apr-18							
			,				1		1			•



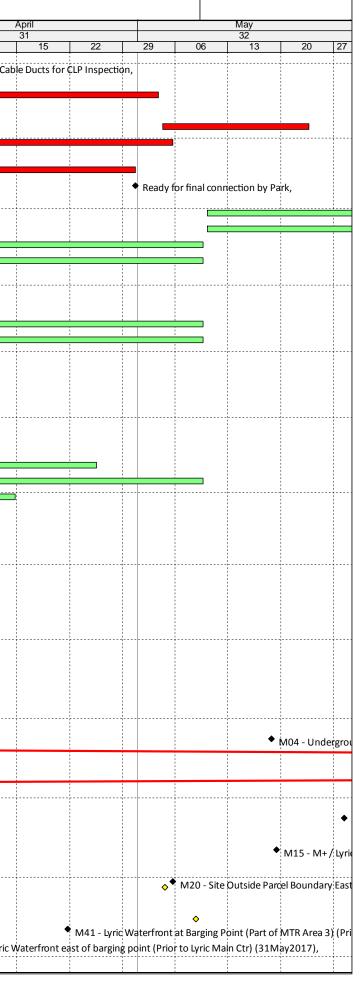
ctivity ID	Activity Name	CMWP		CMWP	Actual		February			Mare			
		Dur.	R0.D8 Start	-R0.D8 Finish	/ [:] orecas	21 28 04	29 11 18	3 2	5 04	30	18 25	01	08
A1580	Area C - MEP 2nd Fix	0			Apr-18								
A1590	Area D - MEP 2nd Fix	0			۹pr-18								
A2050	MEP 2nd Fix _ ELV Room and ICT (4, 5)	0			۹pr-18								
A2040	MEP 2nd Fix _ Exhuast Fan Room 3 (1)	0			۹pr-18								
A2070	MEP 2nd Fix _ Intake Fan Room (5)	0			۹pr-18								
A2060	MEP 2nd Fix _ Storage Room (5A)	0			۹pr-18								
Lift Installat													
	Lift Installation	0			/lar-18								
ICP Statutory A2170	Direct Link Complete (By PCCW)	0		<u>.</u>	1								
EMSD	Direct Link complete (by r cowy	0											
	Issue of use permit	0			ay-18*								
A1620	LE5 Submission	0											
FSD													
	uding Roof Landscaping Works)	0											
	FSD Approval of VAC 314	0			/ar-18								
	FSD inspection	0			1ay-18								
	Submission of Form FS501 for FSD inspection	0			1ay-18				▲ \/A	C 21/ lovout 9	Eorm 214 submission	Mar 10*	
	VAC 314 layout & Form 314 submission	0			ar-18*				▼ VA	C 314 layout 8	k Form 314 submission, 06	1-IVId[-18"	
WSD Portable W	Vater												
	Complete meter installation & water main connection (Porta	0			Apr-18								
	Issue Water Sample Report (Portable Water)	0			Лаг-18								
	WSD Inspection	0			/lar-18								
	WWO46 Part IV Submission (Portable Water)	0			ar-18*					♦ v	VWO46 Part IV Submission) (Portable V	Water), 15-
	WWO46 Part V Submission (Portable Water)	0											
FS Water		Ū											
A1820	Complete meter installation & water main connection (FS W	0			۹pr-18								
A1800	Issue Water Sample Report (FS Water)	0			/lar-18								
A1790	WSD Inspection	0			/ar-18								
A1780	WWO46 Part IV Submission (FS Water)	0			ar-18*					♦ v	VWO46 Part IV Submission	(FS Water)	, 15-Mar-1
A1810	WWO46 Part V Submission (FS Water)	0											
	npletion and Handover Programme												
Milestone Da		0										♦ IPA-C	01 Complet
	IPA-01 Complete Removal of HCC CSO												-02 Complet
CSO Area	IPA-02 Complete HCC scope and Ready for Handover to SFK	0											02 comp
	Complete Removal of HCC CSO (IPA-01)	0			4pr-18							♦ Corr	nplete Rem
	Construct CSO footprint	0			4pr-18						IPA.AC	.190 💻	
	Remove CSO Office	0			eb-18*								
IPA Area A -													
Low level													
Backfill Low level	(Area 1)												
	Backfill with soil & SRT	0			/ar-18				IPA.AA.400				
	Construct conc encase	0			⁻ eb-18		IPA.AA.26		–				
	Construct light weight conc	0			/lar-18			IPA.AA.28	0				
	Place conc blocks	0			/ar-18			IPA	.AA.300 💳				
Backfill-1		-	1		0								
Low level													
	Backfill with soil & SRT	0			Jan-18								
	Form access road at low level	0			/lar-18				IP.	A.AA.410 💻			
High level Backfill													
	Backill with soil & SRT	0			/ar-18								
	Construct RC encasement	0			Jan-18								
	Place conc blocks	0			/ar-18								
Constructio	on of IPA works			1									
IPA.AA.420	O Complete HCC scope and Ready for Handover of Area A to P	0										Cor	mplete HCC
IPA.AA.360	0 Construct irrigation system	0			/lar-18					1			
IPA.AA.320	0 Construct Cable ducts & Draw pits i.e ICT, ELV, FTNS, lighting	0			/lar-18								
	0 Construct district wide CLP cable ducts & Draw pits	0			/lar-18							—	
	· · ·	0			/lar-18								
IPA.AA.310	0 Construct drainage, catch pits & UC	0			/lar-18								1



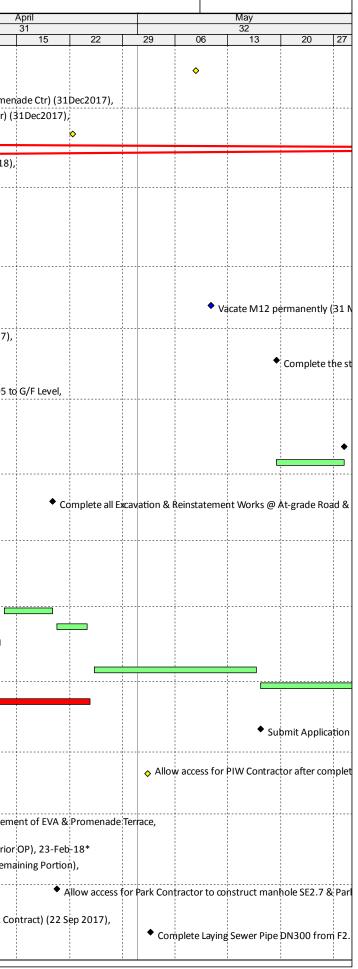
tivity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual			February 29				Marc 30				
		Dui.	No.Do Stail	Finish	;orecas	21 28	04	11	18	25	04	11	18	25	01	
	0 Construct fencing	0			/lar-18											
	0 Construct fire mains	0			/lar-18									-		
	0 Construct light ducts & pole footings	0			/lar-18									:		
	0 Construct main path & secondary path	0			/lar-18							<u></u>				
	0 Construct Root Barriers	0			/lar-18											
IPA Area B -	Earthwork water proofing ICP & use as facade yard (High level - South	1														
	Clear up Area B	0			4pr-18											÷.
IPA.AB.70	Install water proofing, test, pour screeding (2 bays)	0			Jan-18											
IPA.AB.80	Local backfill & level the ground for formwork yard & facade	0			/ar-18											1
	future formation level															
	0 Backfill with soil	0			4pr-18											
	0 Construct light weight concrete	0			4pr-18											
1	0 Install ASC block and RC encase	0			4pr-18											
	on of UU Construct drainage, catch pits & UC	0			1ay-18											
IPA.Ab.150		0			nay-10											
Backfill of s	soil as per temp profile															
	D Backfill to design profile (deferred area)	0			4pr-18											
	on of Storm Drain iE2.7 - DM52C (~39m)															
	Backfill & SRT	0			/lar-18							-				
IPA.AC.60	Excavate & install 1st strut	0			⁻ eb-18					· ·						
	Excavate & install 2st strut	0			/lar-18											
	Excavate to formation & SRT & blinding	0			/lar-18											
	Install 1200mm pipes	0			/lar-18						-					
) Install sheet piles	0			-eb-18											
	Plug off manhole SE2.7 & DM52C	0			/lar-18											
	Remove sheet piles	0			/lar-18											
IPA.AC.1		0			/lar-18							•				
Constructio	on of Sewer Drain															
	F2.1E - SM19	0														
	Backfill & SRT & remove ELS	0			Apr-18											
	Exavate to formation & SRT & blinding	0			/lar-18									· · · · · · · · · · · · · · · · · · ·		
	Excavate & install ELS (1st layer)	0			/lar-18											
	Install 300DI pipes	0			Apr-18											
	Install sheet piles	0			/lar-18											
IPA.AC.2	Plug off manhole F2.1E & SM19	0			Apr-18											
	no of remaining UU	0			4pr-18											
	0 Construct drainage, catch pits & UC	0			Apr-18											
	district wide CLP ducts															
IPA.AC.3	Backfill & SRT	0			1ay-18											
	Lay ducts	0			1ay-18											
	Open cut to formation & SRT & blinding	0			4pr-18											
	light ducts & pole footings	<u> </u>			N											
	Excavate to formation & SRT & blinding	0			Apr-18											
IPA.AC.2	Install ducts & backfill	0			4pr-18											
	Construct lighting base	0			1ay-18									-		
	Excavate to formation & SRT & blinding	0			Apr-18											
	Install ducts & backfill	0			Apr-18											
Constructi		5														
South sid	le															
	Lay kerbs	0			4pr-18											
	Lay path base	0			1ay-18											
	Lay path surface	0			1ay-18											
	Prepare formation and SRT	0			4pr-18											
	on of remaining paths & EVA	-			4											
IPA.AC.380		0			1ay-18											
	D Lay path base	0			1ay-18											
IPA.AC.360	0 Open cut to formation & SRT & blinding	0			1ay-18		1	1	:		1	1	1	1		i.



Activity ID	Activity Name	CMWP Dur.	P CMWP - R0.D8 Start	CMWP -R0.D8	Actual			February 29	1			Mar 30				
		Dur.	RU.Do Start	Finish	; orecas	21 28	04	11	18	25	04	11	18	25	01	08
KD & MS	Consultate tractellations of Califa Durate for CID traces time	0		İ										♦ Co	mplete Instal	libtion of Ca
DCS-01 Construction	Complete Installation of Cable Ducts for CLP Inspection	0												• 00	inpiece mstar	
DCS.170	Cable Laying (by CLP)	0			۹pr-18										-	-
DCS.160	Construct Civil Works	0			2b-18*											
DCS.220	Power On	0			1ay-18											
DCS.100	Short Pipe Fabrication and Delivery	0			Jan-18											
U/G chille	d water pipes															
DCS.110	Pipe Flushing incl. Testing and Commissioning	0			ar-18*											
DCS.200	Ready for final connection by Park	0														
	al Envelope	1.4	05 Dec 17	20 Dec 17	4											
A37020	ICP - Facade Louvre Screen Final Cleaning	14	05-Dec-17													
A37000	ICP - GRC Facade Final Cleaning	14	05-Dec-17													
A37010	ICP - Install Facade Louvre Screen	36	23-Oct-17													1
A36990	ICP - Install GRC Architectural Louvre & Bracket	36	23-Oct-17	04-Dec-17	/lar-18											
External W SPS	orks															
SPS - G/F	External Utilities & Roadworks															
	ove SPS and ICP at Portion A															
A37330	Portion A - Above Slab Utilities & Fire Hydrant	54	21-Nov-17												I	1
A37350	Portion A - EVA Carriageway / Roadworks	54	26-Jan-18	-		550 <u>-</u>								-+		
A37340	Portion A - Final backfilling	54	22-Dec-17						;							
A37320	Portion A - Waterproofing & Backfilling	53	20-Oct-17	22-Dec-17	Oct-17											
ICP ICP - G/F E	xternal Utilities & Roadworks															
	Portal from At-grade Road													<u></u>		
A56630	ICP - Construct Entrance Carriageway	11	01-Dec-17	13-Dec-17	/lar-18								_	_	T	
A56620	ICP - Final backfilling at Entrance Portal	2	29-Nov-17	30-Nov-17	/ //ar-18											
	ove ICP at Portion B															
A37480	Portion B - Above Slab Utilities & Fire Hydrant	27	04-Dec-17													
A37500	Portion B - EVA Carriageway / Roadworks	54	28-Nov-17													
A37490	Portion B - Final backfilling	85	20-Oct-17	1												
A37470	Portion B - Waterproofing & Backfilling	27	03-Nov-17	04-Dec-17	Sep-17											
	ted External Works & Utilities Services Insta	llation	1													
Access Date																
A60730	L01 - West of Lyric Main Site L01 (near M14 & M14a) (15Au	0	20-Oct-17	ĺ	⁼ eb-18					L01 - West	of Lyric Main	Site L01 (nea	r M14 & M1	4a) (15Aug2	.017), 23-Feł	b-18
A25130	M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (0	20-Oct-17		eb-18*				-	M70 - Arts	Pavilion Area	on M+ side o	of M+ / Park I	Interface (t.b	.a.), 23-Feb-	-18*
Vacation Da	te															
A60770	L01 - West of Lyric Main Site L01 (near M14 & M14a) (15Au	0		01-Dec-17	·				1	LO1 - West	of Lyric Main	Site L01 (nea	r M14 & M1	4a) (15Aug2	.017),	
A60740	L04 - East of Lyric Main Site L04 (near AISO office) (27Jun20	0		15-Nov-17	'				1	LO4 - East	of Lyric Main	Site LO4 (near	AISO office)	(27Jun2017),	
A60750	L04 - West of Lyric Main Site L04 (near M14) (15Aug2017)	0		01-Dec-17	·				1	L04 - West	of Lyric Main	Site LO4 (nea	ir M14) (15A	ug2017),		
A60760	L06 - West of Lyric Main Site (near M14 & M14a) (15Aug20	0		01-Dec-17					1	L06 - West	of Lyric Main	Site (near M	14 & M14a) ((15Aug2017),	
A25910	L22 - Area Reserved for AISO, Northern Part including Walk	0		20-Oct-17						' L22 - Area	Reserved for	Al\$O, Northe	rn Part inclu	ding Walkway	y (25Jan201	9),
A25920	L23 - Area Reserved for AISO, Southern Part(25Jan2019)	0		20-Oct-17						L23 - Area	Reserved for	AI\$O, Southe	rn Part(25Ja	n2019),		
A25930	L25 - MTR Area to North-West of MTR Workshop(25Jan201	0		20-Oct-17						L25 - MTR	Area to Nortl	n-West of MT	R Workshop(25Jan2019)	,	
A25940	L26 - MTR Area to South-West of MTR Workshop(25Jan201	0		20-Oct-17						L26 - MTR	Area to Sout	n-West of MT	R Workshop(25Jan2019)	,	
A25240	M04 - Underground Fuel Tank Area beside M+ Entrance Por	0		11-Jan-18												
A25260	M06 - ICP Entrance Portal beside At-grade Road, External (P	0		09-Nov-18	:					•						
A25270	M07 - ICP Frontage beside At-grade Road (25Jan19)	0		09-Nov-18	:											
A25280	M08 - Park Phase 3 Part at Waterfront (15Jun2016)	0		26-Jan-18		♦										
A25320	M12 - Lyric Interface North (2nd H/O to Lyric) (31Mar17)	0		28-Feb-18							V12 - Lyric In	terface North	(2nd H/O to	Lyric) (31Ma	ar17),	
A25330	M13 - Lyric Interface Over AEL (H/O to Lyric) (31Aug17)	0		09-Mar-18	:							>				
A25345	M14 - Lyric Interface South, GL 6-12 (2nd H/O to Lyric)	0		10-Mar-18	6							😽 M14 - Lyr	ic Interface S	outh, GL 6-1	2 (2nd H/O t	to Lyric),
A25370	M15 - M+ / Lyric Staircase (2nd H/O to Lyric) (25Jan19)	0		10-Mar-18	6							\$				
A25420	M19 - M+ Waterfront Promenade Part within STT Area (H/C	0		15-Feb-18				\$								
A25430	M20 - Site Outside Parcel Boundary East of Promenade (H/(0		04-May-18				······································								
A25480	M26 - M+ Entrance interface with At-garde Road (Practical C	0		20-Oct-17					4	M26 - M+	Entrance inte	rface with At-	garde Road (Practical Con	npletion),	
A25570	M40 - Lyric Waterfront Part for Access Around ESS Compou	0		08-May-18									`			
A25580	M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3	0		06-Feb-18			♦									
A25500	M42 - Lyric Waterfront east of barging point (Prior to Lyric N	0		20-Oct-17			~								•	M42 - Lyric
A25550	M44 - At-grade Road Footpath at ICP / SPS Frontage (H/O to	0		01-Mar-18	-											-,
A23010		0		01 10101-10	·			1		¢			1	1		:

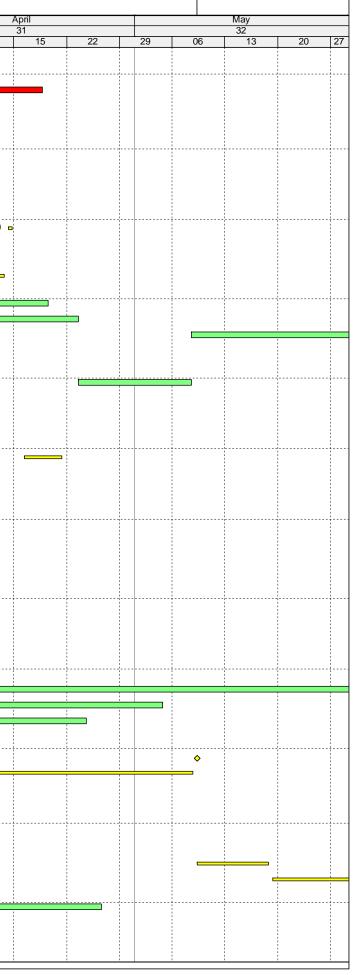


			0.00	01/11/2						Cole					M 1			
Activity ID	Activity Name	CMWP Dur.	R0.D8 Start	CMWP -R0.D8	Actual					February 29					Marcl 30	I		
		Dui.	10.00 Stall		orecas	21	28	3	04	11	18		25	04	11	18 25	01	08
A25620	M45 - At-grade Road Footpath along M+ Basement (H/O	to 0		23-Mar-18												♦		
A25630	M46 - M+ Waterfront Promenade Part incl' Existing MTR	Pu O		08-May-18														
A25640	M47 - M+ Promenade Terrace (Practical Completion)	0		08-Dec-17								M47 -	M+ Pro	menade Terr	ace (Practic	I Completion),		
A25650	M48 - M+ Waterfront Promenade Part incl' KGO Pump Ce	ells 0		08-Dec-17								M48 -	M+Wa	terfront Proi	nenade Part	incl' KGO Pump Cells (H/	O to Water	front Promer
A25660	M49 - M+ Waterfront Part for Access Around ESS (H/O to	0 <i>W</i> 0		08-Dec-17								M49 -	M+ Wa	terfront Part	for Access A	round ESS (H/O to Wate	rfront Prom	nenade Ctr) (
A25690	M51 - Entrance to SPS within the ICP (H/O to Park) (29Ja	an2 0		22-Apr-18		_												
A25700	M54 - Internal of ICP (Practical Completion)	0		11-Jul-18														
A25710	M55 - Footprint of RDE Building (Parcel 39B) (on OP & PC	C of 0		20-Oct-17								M55 -	Footpri	nt of RDE Bu	ilding (Parce	39B) (on OP & PC of RD	E Building)	(25Jul2018)
A25720	M56 - Around RDE Building (Parcel 39B) (on OP & PC of F			20-Oct-17		-						M56 -	Around	: RDE Buildin	g (Parcel 39	3) (on OP & PC of RDE Bu	ilding) (25J	ul2018),
A25730	M57 - Area Around South side of ICP (Practical Completic			08-Feb-18														·····
A25770	M65 - Visual Mock-up & Prototype Area (Practical Complete			20-Oct-17		_			~		•	M65 -	Visual	Vock-un & P	rototype Ar	a (Practical Completion)		
A25810	M68 - Hybrid VMU Area (Practical Completion)	0		20-Oct-17		-						- i -		VMU Area (I		i i i i	1	
A25890	M76 - Interfacing Park Landscape Area between M+ Sout			08-Feb-18					•		1		, in the second					
						-			\$									
A25900	M77 - Interfacing Park Landscape Area South of M+ Sout Schedule (Appedix D1 - 16 December 2015)	the 0		08-Feb-18					\$									
	heatre Complex and Extended Basement (Lyric)																	
	Interface North of AEL																	
	Vacate M12 permanently (31 Mar 2017)	0		28-Feb-18									◇	1				
	Interface South of AEL																	
	90 Complete seawater discharge pipes in Portions M15, M1	6,10		20-Oct-17								Comp	plete sea	water discha	irge pipes in	Portions M15, M16, M3	8, M39 (31	May 2017),
	Basement Area 050 Complete the staircase and external wall and permanently	v v; O		10-Mar-18														
	3 & 12 Area (Portion M14)	yv, U		10-10101-10		_								Ç				
	Complete Basement Road Wall between PC96, 103 & 10	5 tx 0		10-Mar-18										· ·	Complete I	asement Road Wall betv	veen PC96.	103 & 105 to
	090 Install new hoarding between Portion M14 & M14a for v		27-Mar-18	09-Apr-18		,								``````````````````````````````````````			,	
	LOO Permanently vacate M14 to Lyrics Contractor	0	27 10101 10	12-Mar-18		-									A Permai	iently vacate M14 to Lyri	rs Contracto	h
	Interface Over of AEL	0		12 10101 10											v · ca			
	20 Permanently vacate Portion M13 (31 Aug 2017)	0		09-Mar-18										♦				
	10 Remove all hoardings witin Portion M13	6	02-Mar-18	09-Mar-18	1av-18							A26	110 🗕					
PIW PI					,			1										
Interfa	cing with PIW At-Grade Road Construction																	
A261	50 Complete all Excavation & Reinstatement Works @ At-gra	ade O		03-Jan-18		_												
	40 Remove temp. works @ At-Grade Road & Footway for Pa			20-Oct-17								Remo	ove temp). works @ A	t-Grade Roa	d & Footway for Park Op	ening (30 S	ep 17),
	rth West Boundary Interface with Construction At-Grade Roa											•						
	60 Remove the hoarding along footway & vacate footway	0		20-Oct-17								Remo	overner	ioarding alor	ig tootway a	vacate footway,		
	ain Connection to PIW Drainage MH WHC6_1f 00 Complete drainage works for WHC6_1f	0		06-Dec-17								• Comr	olete dra	inage works	for WHC6	f		
	as Interface PIW	0		00-Dec-17								Gomp			101 11100_	,		
_	incoming gas main at Entrance Portal (CIV-DWG-0403)																	
A262	Allow Towngas to install gas main (By Towngas)	6	27-Oct-17	03-Nov-17	Apr-18	:												
A262	40 Backfill Trench to Ground Levels	3	04-Nov-17	07-Nov-17	4pr-18													
A262	20 Excavate Trench & Install Shoring for Gas Main @ Footwa	ıy (⁻ 6	20-Oct-17	26-Oct-17	pr-18*													
DN150	incoming gas main for RDE (CIV-DWG-0404)																	
A262	60 Allow Towngas to install gas main (By Towngas)	6	06-Jan-18	12-Jan-18	4pr-18													
A262	70 Backfill Trench to Ground Levels	3	13-Jan-18	16-Jan-18	1ay-18	5												
A262	50 Excavate Trench & Install Shoring for Gas Main @ Footwa	ıy (⁻ 6	29-Dec-17	05-Jan-18	pr-18*	•												
	as Meter Application for M+																	
	90 Submit Application for Installation of Towngas Meter	0	03-Mar-18		1ay-18								♦					
	Interface with PIW - South of M+																	
	Allow access for PIW Contractor after completion of 11k	VC 0	02-May-18		/lar-18										•			
	er Cooling Intake Pipes Interface PIW		02 Widy-10		101-10													
Civil V	Vorks Interface with PIW Watermain South of M+																	
	0 Fresh Water & DN450 Salt Water District Wide main South o		1 - App D1)			.	- <u>-</u>									· · · · · · · · · · · · · · · · · · ·		
	M+ Commencement of EVA & Promenade Terrace	0		17-Mar-18											<	>	▼ M+ 0	Commencem
	0 Allow access for Dark Contractor to the state of City of		26 Jan 10		sk 403							♦ All		for Dark Car	ractor to co		ndemeine	(Emthe
A2639			26-Jan-18		eb-18*		-					Allow	aucess			rry out soil filling & soft la		1
A2642		g Pc 0		26-Jan-18		♦									▼ Va	cate M08 and M09 to Pa	rk contracto	or (Park Rema
	ge Interface w/ Park PIW (SW of M+) 20 Allow access for Park Contractor to construct manhole SE	2.: 0	07-Feb-18		۹pr-18			+÷-	<u>^</u>									
	e Interface w/ Park PIW (SW of M+ & ICP SPS)	-2 0	07-160-10		-10-10	1			◇									
A264		to I 0		03-Jan-18									♦ Co	mplete draii	test & Han	dover to DSD (3 months	prior to KD0) 3 of Park Co
A264				14-Nov-17														
A264				03-Jan-18		1							♦ Con	nplete Laving	Sewer Pine	DN450 to Park Contract	or MH SM1	3.
A204	to complete Laying Sewer Fipe Div450 to Park Collidetor M	U U		02-1911-19			1						01		Joc wei i ipe			-y-

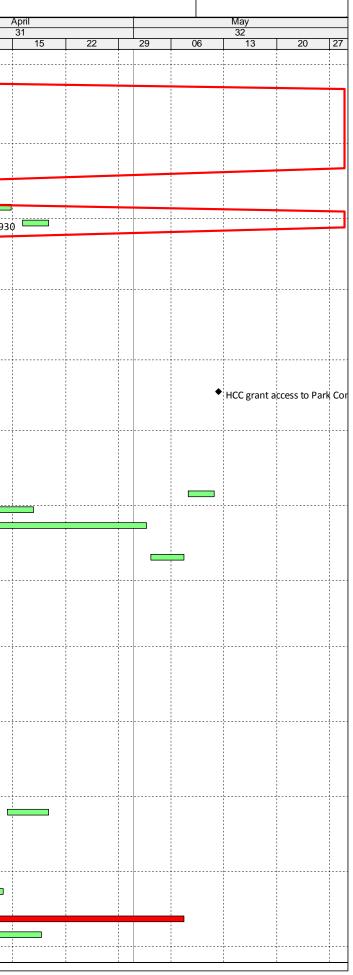


ty ID A	Activity Name	CMWP	CMWP - CMWP	Actual		February			March				April				May	
		Dur.	R0.D8 Start -R0.D8	/		29		25	30	18 25	01	00	31	22	20	06	32	20
SPS & Interf	face Carpark Interface w/ Park		Finish	Forecas 21 28	3 04	11 18		25	04 11	18 25	01	08	15	22	29	06	13	20
	Complete Access Road to SPS for FS Inpection (Park above I	0	02-Nov-17						Complete Access Roa	d to SPS for FS Inpectio	n (Park above	e ICP),						
	Obtain necessary OP for ICP	0	09-Nov-18				•											+
	SPS Complete H/O to DSD	0	11-Dec-17				SPS Co	omple	te H/O to DSD,									+
	SPS Test & Commissioning Complete	0	11-Nov-17						ommissioning Complete,									
	terface w/ Park PIW (W of M+)	U	11 100 17						ininiosioning complete,									
	Allow Access to Park Contractor to connect ELV Cable Ducts	0	20-Oct-17	⁻ eb-18			• Allow	Access	to Park Contractor to con	nect ELV Cable Ducts to	M+ Draw-pit	, 23-Feb-1	8					
	Allow Access to Park Contractor to connect ICT Cable Ducts	0	20-Oct-17	⁻ eb-18			Allow	Access	to Park Contractor to con	nect ICT Cable Ducts to	M+ Draw-pit	23-Feb-18	3					
	Allow Access to Park Contractor to construct & connect FTN	0	20-Oct-17	-eb-18					to Park Contractor to con				1	18				
CLP		0	20-001-17	60-10				ALCCS.			Cubic Ducts u		7,251001	10				
	Handover DCS - Transformer Room Trx C to CLP	0	01-May-18												🔥 Hand	over DCS - T	ransformer R	Room Trx
Pre-Construct															ľ			
	s Submission & Approval		,															
PC-SDSA-1(Shop drawings	164	20-Oct-17 12-May-18	Oct-16		i i	;		i i i	i	-			;		i	-	
	nent & ITP Submission & Approval																<u></u>	<u></u>
	Method statement & ITP	164	20-Oct-17 12-May-18	Oct-16	:	:	;		1 1 1				1	1		:	-	
	nission & Approval																	
General Items	General materials	164	20-Oct-17 12-May-18	Det 16												1		
Long Lead Ite		104	20-001-17 12-101ay-10	JCI-10													_	
	Carpet, linoleum & mats	216	14-Nov-17 09-Aug-18	-eb-18						ii	i		.i			i		
	Door Ironmongeries	164	20-Oct-17 12-May-18															
	5						. :						1			1		
PC-MTSA-:		164	20-Oct-17 12-May-18		:		;		: : :	1	:		:	:				1
PC-MTSA-: F			31-Jan-18 19-Oct-18				<u> </u>		: : :	1	1 :		1	: :		:	1	
	FF&E Items (seating/ cushion, curtain, blinds, etc)	174	19-Jan-18 23-Aug-18						· · · · · · · · · · · · · · · · · · ·				.1			I		<u></u>
PC-MTSA-: F	Fire shutters	164	20-Oct-17 12-May-18	Oct-16			i				1		i					<u> </u>
PC-MTSA-: F	Fixed & loose furniture	177	14-May-18 12-Dec-18	⁻ eb-18		PC-MTSA-1150											-	
PC-MTSA-:	Glazing works	156	25-Nov-17 09-Jun-18	/lar-17			;						:	: :				
PC-MTSA-:	Metal ceiling	126	29-Dec-17 06-Jun-18	۹pr-17	1				I I I		-		i	- -			1	
PC-MTSA-: F	Raised floor system	160	15-Jan-18 02-Aug-18	۹pr-17	· ·	1 1			· · · ·	1			1		· · · · ·	1	1	<u> </u>
PC-MTSA-:	Security shutters (Lateral sliding type)	164	20-Oct-17 12-May-18	Oct-16		· · ·			· · · · · · · · · · · · · · · · · · ·	······			······································	- -				
	Security shutters (Top-mounted)	164	20-Oct-17 12-May-18														.: 	<u> </u>
	Smoke curtain	164	20-Oct-17 12-May-18															<u> </u>
PC-MTSA-: 1		164	20-Oct-17 12-May-18				;						1					
	5		01-Nov-17 18-Apr-18			:	<u> </u>		: : :	!			:			1		
PC-IVITSA	Timber (floor, wall & ceiling)	134	01-N0V-17 18-Apr-18	-ep-17														
General Items	3																	
PC-MTPR-: 0		203	07-Dec-17 16-Aug-18	lov-16									1	· ·		1	i 1	<u> </u>
Long Lead Ite																		
Doors							<u></u>						<u> </u>			 		<u></u>
	Priority Doors (for Mechanical Rooms)		03-Nov-17 08-Feb-18										1				1	<u> </u>
	Remaining Doors		19-Jan-18 14-Jun-18													1		
PC-MTPR-	Transformer Room Doors	23	03-Mar-18 03-Apr-18	-eb-17				-			+							
Ironmongerie		1																
	Priority Door Ironmongeries (for Mechanical Rooms)		03-Nov-17 08-Feb-18															<u></u>
	Remaining Door Ironmongeries		19-Jan-18 14-Jun-18															
PC-MTPR-	Transformer Room Door Ironmongeries	23	03-Mar-18 03-Apr-18	-eb-17			:	-			+							
Tiling Works		1																<u> </u>
	Other Tiling Areas	107	30-Jan-18 14-Jun-18	Apr-18 TPR-1020b 😑													1	
	r, Wall & Ceiling)	160	22 Jap 19 19 Aug 19	Apy 17							<u> </u>		<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u>
	Timber for Benchmark Toilet/ Toilet Lobby @ B2/F)	109	22-Jan-18 18-Aug-18	'Idy-17														
Other Long L	.ead items FF&E Items (seating/ cushion, curtain, blinds, etc)	107	27-Oct-18 08-Mar-19	Aar-18				РС-МТ	PR-1130				i			i		<u> </u>
PC-MTPR-							PC-M						1					T
			06-Mar-18 12-May-18				1 I I I I I I I I I I I I I I I I I I I							1			- <u>.</u>	<u></u>
	Fixed & loose furniture		13-Dec-18 19-Jun-19				P		PR-1150									
	Glazing works		06-Apr-18 13-Aug-18								PR-1070 -		1	1			1	
PC-MTPR-	5		29-Mar-18 09-Jul-18							PC-MTPR-1090								
	Security shutters (Lateral sliding type)	80	23-Feb-18 04-Jun-18	i i i i i i i i i i i i i i i i i i i		PC-MTPR-1140												
	Security Shutters (Top mounted)	107	30-Jan-18 14-Jun-18	Apr-18 //TPR-1050 💻										1		1		
PC-IVITPN- 3	Constant and the second s		06 14-10 12 14-16	101 10	1 1	: :	PC-M	TOD 1/					1	1		1	-	
PC-MTPR- S	Smoke curtain	54	06-Mar-18 12-May-18	1dy-10		i	PC-IVI	198-10										
		54	06-Mar-18 12-May-18	1ay-18			PC-IVI	198-10										

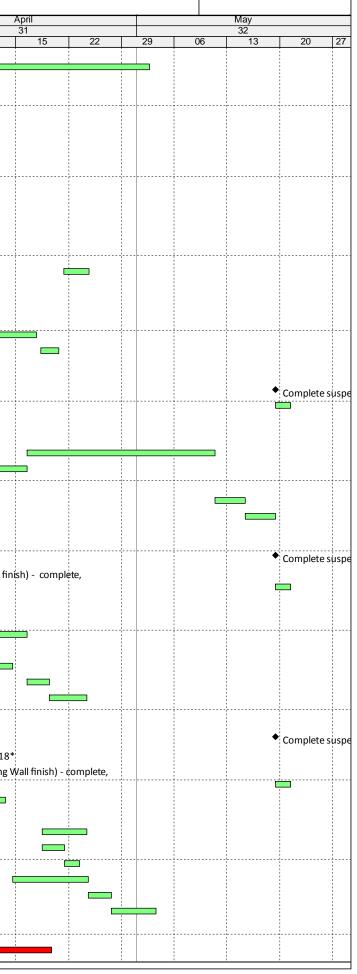
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual				Februa	ry			Marc	h			
		Dur.	R0.D8 Start	-R0.D8 Finish	/ [:] orecas	21	28	3 1	29 04 11	18	2	5 04	30	18	25	01	08
Trench Exc	avation & Pipe works (CH0+66 to CH0+102)			THIST	1 010003											0.	
	Remaining Works (according to GCL Cofferdam Works)	75	20-Oct-17	19-Jan-18	Jan-18												
A26890	Cofferdam & Pipe works for Lead In (CH0+102 to CH0+108) Back Filling to Ground Level	2	18-Jan-18	10 Jan 19	Inr 10												
A26860	Construct 2 Nos of Bend Block	6	21-Dec-17			-									I		
A26870	Construct 2 Nos of Dend Block	9	30-Dec-17												1		
A26790	Excavate from +3.5mPD to -3.70mPD	6	15-Nov-17										÷				
A26750	Pipe Laying & Associated Works	4	16-Dec-17														
A26880	Pressure Test	6	11-Jan-18														
	n at CH0+0 to CH66																
	avation & Pipe works CH0+0 to CH0+32																
	Back Filling to 1st layer Struts	1	06-Apr-18													A27190 •	
A27210	Back Filling to GL	1	14-Apr-18	•		-							17100				A27210 🖬
A27160	Construct Bend Blocks	9	15-Mar-18										127160 <u>–</u>		ני יו		
A27170	Construct Wash Out Chamber	9	15-Mar-18									-	27170 —		3	A27200	
A27200	Dismantle 1st Layer Struts & Wailing Drive in Sheet Piles	6 8	07-Apr-18	13-Apr-18 29-Jan-18												A27200	
A27100 A27120	Install 1st Layer Strut & Wailing@ +4.5mPD	8 11	02-Feb-18				A27120										
A27120 A27130	Install Legging to Opening	9	15-Feb-18			-	72/120		A27130 -								
A27150	Pipe Laying & Associated Works	9	05-Mar-18						A27150 L		Δ	27150					
A27130	Pressure Test	6	26-Mar-18		'	-								A2718			
A27110	Trench @GL +5.0mPD to +4.0mPD	3		01-Feb-18		-	10 📥								Y -		
	Trench Excavation@+4.0mPD to +1.06mPD	3	01-Mar-18								A27140						
	Portion M15&M16)	3	01 101 10	05 Mai 10	101 10												
A27290	Construct remaining wall & roof	9	20-Oct-17	31-Oct-17	ug-17												
A27300	DCS Box complete	0		31-Oct-17									DCS B	ox complete,			
	n at Grade CH0+108 to CH0+158																
A27340	Pipe Connection to DCS ake Pipe Works	5	16-Apr-18	21-Apr-18	Dct-17												
	n of Seawater Intake Pipe																
A27500	Backfill to +2.0mPD	2	04-Nov-17	06-Nov-17	Jul-17												
A27520	Complete Pipeworks & Traffic Diversion	0		10-Nov-17							Comple	te Pipeworks & 1	raffic Diversi	o'n,			
A27480	Construct Thrust Blocks	4	25-Oct-17	30-Oct-17	lun-17												
A27460	Lay DN100 Chlorination Pipe	4	20-Oct-17	24-Oct-17	lun-17												
A27470	Lay DN28 Cleansing Pipe	4	20-Oct-17														
A27450	Lay DN600 Seawater Intake Pipes x 2	4	20-Oct-17														
A27490	Pressure Testing and Inspection	4	31-Oct-17	03-Nov-17	lun-17												
Seawater Pui BME	mp Cell																
A58620	Builder's work	8	24-Oct-17	02-Nov-17	ug-17							•					
A58630	Delivery of DI pipe	2	20-Oct-17														
A58610	Dismantle the existing unused Equipment	3	20-Oct-17	23-Oct-17	lun-17												
A58690	Hydraulic Test of DI pipe	11	20-Mar-18	04-Apr-18	lun-18									690			
A58640	Install DI pump	111	03-Nov-17	19-Mar-18	/lar-18	<u> </u>								· 			
A58670	Install electrical & Control	56	11-Nov-17	19-Jan-18	⁻ eb-18						1						
A58680	Install Pump motor	29	04-Dec-17	10-Jan-18	/lar-18												
A58660	Install sea water pump	2	20-Oct-17								• • • • • • • • • • • • • • • • • • •						
A59100	Supply Sea water to DCS	0		09-May-18													
A58700	T&C of Sea water Pump	27	06-Apr-18	08-May-18	lun-18											A58700 🗖	
Plumbing &		7	09-Nov-17	10 Nov 17	Job 19												
A58750 A58770	Delivery of Pipes and Fittings Delivery of Sump Pump Panels	2	20-Nov-17														
A58770 A58730	Delivery of Sump Pumps	2	20-NOV-17 20-Oct-17					i	j	i							+
A58730 A58790	Hydraulic Test (Cleansing Pipes)	6	01-Jun-18												<u> </u>	790	
A58790 A58760	Install Pipes and Fittings	9	01-Jun-18 09-May-18		-	-						A58760	-		~		7
A58780	Install Sump Pump Panels	10	19-May-18			-						1.50700	Δι	8780	1		
A58780	Install Sump Pumps	25	23-Oct-17			-					Ļ						
A58740	T&C of Sump Pumps	13	08-Jun-18							<u></u>					+		
Electrical W	· · ·	10	00 3411 10	10 3011 10	, TO												
A58830	Delivery of Cable Tray	2	28-Dec-17	29-Dec-17	eb-18*												
A58870	Delivery of Lighting Fitting and Exit sign	2	06-Jan-18	08-Jan-18	eb-18*												
	/- 0 - 0	_				1		. :	1			1 1		1	1	1	



Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual				February				Marc	ch		
		Dur.	R0.D8 Start	-R0.D8 Finish	/ Forecas	21	28	04	29 11	18	1	25 04	30	18 25	01	08
A58860	Delivery of MCB Board	2	06-Jan-18	08-Jan-18				01		10						
A58820	Delivery of Power Cable	2	28-Dec-17	29-Dec-17	eb-18*			 - - -								
A58810	Dismantle the existing unused Equipment	8	25-Jun-18	04-Jul-18	⁻ eb-18					A58	810 🗖					
A58840	Install Cable Tray and Power Cable	8	05-Jul-18	13-Jul-18	/lar-18							A58840 💻				
A58890	Install Lighting Fitting and Wiring Accessories	10	14-Jul-18	25-Jul-18	/lar-18								A58890 🗖			
A58880	Install MCB Board	10	14-Jul-18	25-Jul-18	/lar-18								A58880 🗖			
A58850	Install Surface Conduit and wiring Cable	8	05-Jul-18	13-Jul-18	/lar-18							A58850 💻				
A58900	T&C of Electrical Works	8	26-Jul-18	03-Aug-18	/lar-18									A58900		
Fire Service			20 1 10	02 E.k. 40	.1. 4.0*											
A58920	Deliver and Install heat detection system	5		03-Feb-18											450	010
A58910	Dismantle the existing unused Equipment	4	04-Aug-18												A58	3910
A58930	T&C of heat detection system of CSO Office	4	09-Aug-18	13-Aug-18	4pr-18											A5893
A27760	CSO Office relocation	0		02-Jan-18			_				cso o	ffice relocation,				
A27770	Demolish Existing CSO Office	32	02-Jan-18	08-Feb-18												
Sewerage		51	02 0411 20	0010010	0.0 10											
	nterface with PIW & F2 Contractor															
A27860	at Austin Road West (Portion L08) Back fill & Reinstate pavement / Reinstate Planter	8	08-Dec-17	16-Dec-17	-eh-18						Ļ.					
A27800	HCC connect DN375 to F1.2	0 1		18-Dec-17							0					
	PIW Implement TTMS & Allow Access to Manhole F1.2			18-Dec-17	2b-18*							nnlomont TTMS	& Allow Accos	s to Manhole F1.2 to HC	C 22 Eob 18*	
A27790	· · · · ·		20-Oct-17 05-Dec-17	07 Dec 17				• • •					a Allow Acces		C, 25-FED-16	
A27850	Pressure Test at Portion M01, Gridline A/ 3-14	3	05-Dec-17	07-Dec-17	Jec-17			- - - -								
A27940	HCC grant access to Park Contractor for SM100 constru	ctior 0	22-Nov-17		1ay-18			1								
	to MH F2.1C															
A28140	Backfill to ground level	3	08-Nov-17	10-Nov-17	Jan-18			1	1	1						
A28100	Construct Manhole F2.1D	9	24-Oct-17	03-Nov-17	Jan-18			1	1							
A28110	Lay Sewerage Pipe DN375 between MH F2.1D to F2.1C	(Ap 4	24-Oct-17	27-Oct-17	Jan-18											
A28130	Pressure Test	3	04-Nov-17	07-Nov-17	Jan-18											
MH F2.1E	to MH F2.1D															
A28190	Backfill to ground level	3	18-Nov-17	21-Nov-17	1ay-18											
A28160	Construct Manholes F2.1E	6	08-Nov-17	14-Nov-17	/lar-18											
A28170	Lay Sewerage Pipe between MH F2.1E to F2.1D (DN375	5mm 6	08-Nov-17	14-Nov-17	/lar-18											
A28150	Manhole & Trench Excavation for Sewerage Pipe betwee	en M 3	04-Nov-17	07-Nov-17	Jan-18			1		1		1	:			
A28180	Pressure Test	3	15-Nov-17	17-Nov-17	1ay-18											
	at Portion M05 & M27															
MH SM21A Construct	A to Interface MH SM13															
A28510		5	28-Dec-17	03-Jan-18	⁼ eb-18											
A28470	Remaining works between SM21A to SM13	16	23-Nov-17			-										
Storm Drain	age							1 1 1								
Storm Drain	n DN750 along Gridline A/3-11 (MH S2.4 to S2.6)									-						
A28560	Backfill to existing ground level	5	21-Nov-17		_	1				-						
A28530	Construct Manhole S2.4 & S2.6	11	20-Oct-17													
A28540	Lay DN700 pipe from Manholes S2.4 to S2.6 (Approx. 7		02-Nov-17													
A28550	Pressure Test	3	17-Nov-17	21-Nov-17	lov-17	· · · · · · · · · · · · · · · · · · ·		ļ								ļ
	n DN1050 along Gridline A/11-14 (MH S2.6 to S2.6A to S2 Backfill to existing ground level		10 Dec 17	27 Dec 17	200.17					-						
A28610		5	19-Dec-17													
A28580	Construct Manhole S2.6a, S2.7 & S2.8	11 6	24-Nov-17					:								
A28570	Excavate to formation level & install shoring	6	17-Nov-17													
A28600	Pressure Test n DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.	3	15-Dec-17	19-Dec-17	Jec-17											
A28670	Backfill to existing ground level	/) 5	01-Feb-18	07-Feh-18	\pr-18	A2867	0									
A28640	Construct Manhole S2.9a & SE2.7	11	08-Jan-18		-	-								<u> </u>		
A28640	Excavate to formation level & install shoring	6	30-Dec-17													
A28630	Excavate to formation level & install shoring Excavate Trial Trench for existing underground utilities	11	15-Dec-17								Ļ.					
A28620	Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7			29-Jan-18												<u></u>
A28650	Pressure Test	3 (AL				A28660 🗕										
	n DN600 along Gridline G-M/14 (MH S2.12 to S2.13)	<u>э</u>	23-jdil-10	01-160-18	-10-10		\top									
A28870	Backfill to existing ground level	3	29-Sep-17	03-Oct-17	/lar-17										i	
A28850	Construct Manhole S2.12 & S2.13	11	09-Sep-17							1 1	-	1		· · ·	i	1
A28840	Excavate to formation level	5		08-Sep-17												
		3								:			1	<u> </u>		<u>. </u>



ivity ID	Activity Name	CMWP	CMWP - R0.D8 Start	CMWP -R0.D8	Actua				Februar 29	у					arch 30			
		Dur.	RU.Do Staft	-R0.D8 Finish	; oreca	s 21	28	04	11	18		25	04	11	18	25	01	08
A28830	Excavate Trial Trench	11	30-Oct-17	10-Nov-17														
A28860	Lay DN450 pipe from Manholes S2.13 to S2.12 (Approx.50	4	23-Sep-17	28-Sep-17	۹pr-17	/												
	at Gridline M/13		46.11	47.1		,												
A28900	Backfill to existing ground level	1		17-Nov-17														
A28880	Excavate and lay 225 U-Channel Drain with Gully Trap	3		10-Nov-17														
A28890	Excavate trench and lay 150DN Pipe from Gully Trap to MH S	5	10-Nov-17	16-Nov-17	⁻ eb-18	3												
A28960	DN600 along Gridline E-G/14 (MH S2.12 to S2.11 to S2.10) Backfill to existing ground level	3	21-Nov-17	22 Nov 17	lan_19	,												
	DN600 along Gridline B-E/14 (MH S2.10 to S2.9c)	3	21-100-17	23-1000-17	Jan-18	5												
A29010	Backfill to existing ground level	3	04-Nov-17	07-Nov-17	/ar-18	3												
A28980	Excavate to Formation Level	3		26-Oct-17		_					Ļ.							
A28970	Excavate Trial Trench	3		23-Oct-17		-			1	1								
A28990	Lay DN600 Pipe from MHS2.10 to S2.9c (Approx 30m)	3		31-Oct-17														
A29000	Pressure Test	3		03-Nov-17														
	DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a)	5	01 100 17	05 100 17														
A29070	Backfill to existing ground level	3	21-Dec-17	23-Dec-17	4pr-18	3												
A29040	Construct Manhole S2.9b & S2.9c	14	24-Nov-17	09-Dec-17	۸ar-18	3										1		<u></u>
A29030	Excavate to formation level	6	17-Nov-17	23-Nov-17	/ar-18	3												
A29020	Excavate Trial Trench	3		16-Nov-17										Ļ.				
A29050	Lay DN750 pipe from Manholes S2.9c to S2.9b to S2.9a (Ap	6		16-Dec-17	-													<u></u>
A29060	Pressure Test	3		20-Dec-17	· ·													
	DN450 suspended along Gridline J'/1'-M/1	3	10 Dec 17	20 Dec 17														
	n at Portion M12																	
A29150	Complete suspended Storm Drain at Portion M12 & Remove	0		27-Feb-18								◇						
A29155	Finish clear up @ M12	1	27-Feb-18	28-Feb-18	1ay-18	3				A	29155	-						
A29100	Install Brackets for Suspension Pipe	9	25-Jan-18	03-Feb-18	/lar-18	3)0 =												
A29090	Install scaffolding @ M12	6	18-Jan-18	24-Jan-18	b-18'	*												
A29130	Install suspended vertical Draingage DN100 - 5 nos	5	09-Feb-18	15-Feb-18	4pr-18	3		A29130 🗖										
A29120	Install suspended vertical Rain Water Outlet DN150 - 4 nos	2	07-Feb-18	09-Feb-18	/lar-18	3	A29	120 📥										
A29110	Lay horizontal suspended DN450 pipe (Approx. 120m)	6	05-Feb-18	10-Feb-18	/lar-18	3	A29110		1									
A29140	Pressure Test	3	15-Feb-18	22-Feb-18	1ay-18	3		A	29140 📥									
A29145	Removal of scaffolding @M12	4		27-Feb-18	· ·					A29145		-						
	DN350 suspended along Gridline M/1-4																	
	n at Portion M13	-																<u>.</u>
	Complete suspended Storm Drain at Portion M13	0		02-Mar-18	-	_												
A29160	External Wall @ Gridline M/1-4 (including Wall finish) - com	0		24-Jan-18		_ ◆									External Wa	all @ Gridline	VI/1-4 (inclu	ding Wa
	Finish clear up @ M13	1		03-Mar-18							A29	235 =	•					
A29180	Install Brackets for Suspension Pipe	9	01-Feb-18	10-Feb-18	/lar-18	3	A29180		1									
A29170	Install scaffolding @ M13	6		31-Jan-18														<u> </u>
A29210	Install suspended vertical Drainage Pipe DN100 - 2 nos	3		22-Feb-18	· ·				29210 📥	-								_
A29200	Install suspended vertical Rain Water Outlet DN150 - 2 nos	1	14-Feb-18	15-Feb-18	۹pr-18	3		A2	9200 🗖									<u> </u>
A29190	Lay suspended horizontal DN350 pipe (Approx. 50m)	6	12-Feb-18	21-Feb-18	۹pr-18	3		A2919	o									-
A29220	Pressure Test	3	22-Feb-18	26-Feb-18	۹pr-18	3				A29220								
A29225	Removal of scaffolding @M13	4	26-Feb-18	02-Mar-18	۹pr-18	3				A29	225 🗖							
	DN250 suspended along Gridline M/4-12																	
	n at Portion M14	0		10 Mar 10														
A29330	Complete suspended Storm Drain along Portion M14	0	20.07.17	10-Mar-18							•	din		Ø		000000 to 14	1 (1 54)	22 5-1
A29240	Coordinate with Lyrics Contractor for temporary access to N	0	20-Oct-17		eb-18						Goor	unate	with Lyrics C			access to M1	1	
A29250	External Wall @ M14 Gridline M/4-12 (including Wall finish)	0	40.11	24-Jan-18					<u> </u>						► xternal Water and w	all @ M14 Gri	ne IVI/4-12	Incluc
A29335	Finish clear up @ M13	1		12-Mar-18									A293	35 ¤			.	
A29270	Install Brackets for Suspension Pipe	5		20-Feb-18	· ·			A2927	Ų								L '	
A29260	Install scaffolding at M14	6		07-Feb-18			A29260								l			
A29310	Install suspended vertical Drainage Pipe DN100 - 5 nos	5		02-Mar-18	· ·					A2931		+						
A29290	Install suspended vertical Rain Water Outlet DN150 - 6 nos	3		28-Feb-18	· ·					A2929								
A29300	Install suspended vertical Rain Water Outlet DN80- 2 nos	1	28-Feb-18	01-Mar-18	4pr-18	3					A29300) 🕂						
A29280	Lay suspended horizontal DN250 pipe (Approx. 105m)	8	22-Feb-18	02-Mar-18	۹pr-18	3				A29280 =								
A29320	Pressure Test	3	03-Mar-18	06-Mar-18	4pr-18	3					A2	9320	÷					
A29325	Removal of scaffolding @M14	4	07-Mar-18	10-Mar-18	4pr-18	3						A2	9325 📥	-				
	DN600 at Portion M45																	
	n along Gridline D'-E'/1'-2' (MH WHC6_1c to S3.4)	-																<u>.</u>
A29380	Formation and Construct MH S3.4	8	20-Oct-17	30-Oct-17	ar-18'	•			1					1				1

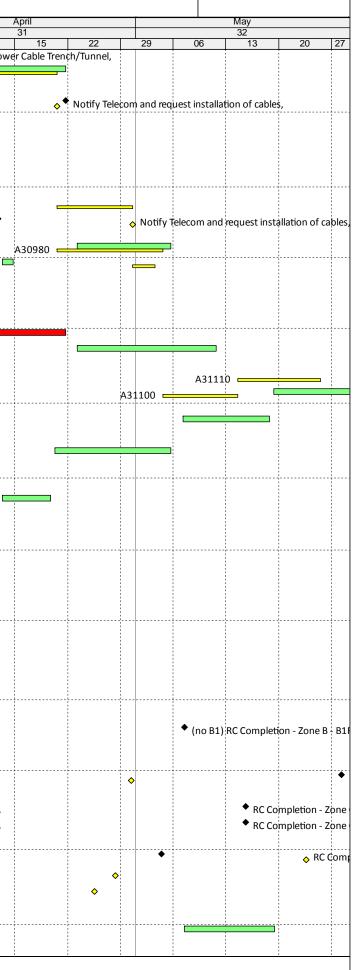


Activity ID	Activity Name	CMW		CMWP	Actual			February				Marc	h				April				May	
		Dur.	R0.D8 Start	-R0.D8 Finish	/ [:] orecas	21 28	04	29	18	25	04	30	18	25	01	08	31	22	29	06	32	20 2
Storm Drai	n along Gridline E'-G' / 1'-2' (MH S3.4 to S3.3 to S3.2)			FILIST	Polecas	21 20	04		10	25	04		10	20		00	10	22	23	00	10	20 2
A29490	Backfill trench to Ground Level	0	04-Nov-17		۹pr-18													Back	fill trench	to Ground Lev	ėl, 25-Apr-18	
A29460	Connect DN250 pipe x 2Nos to MH S3.2	1	31-Oct-17	31-Oct-17	7 Apr-18																	
A29450	Connect DN250 pipe x 3Nos to MH S3.3	1	31-Oct-17	31-Oct-17	7 Apr-18												•				÷	
A29440	Formation & Construct MH S3.3 & S3.2	9	20-Oct-17	31-Oct-17	7 Apr-18																	
A29470	Formation & Lay DN600 pipe from S3.4 to S3.3 to S3.2 (Api 3		23-Oct-17																	1	
A29480	Pressure Test	3		_																		
	DN450 at Portion M01	3		03 1107 17	, (pi 10																	
	n along Gridline G'-J' /1'-2 (MH S3.2 to S3.1 to S3.1b to S	S3.1a)																				
A29560	Backfill trench to Ground Level	2	24-Nov-17	25-Nov-17	7 /lar-18																	
A29510	Connect DN200 pipe to MH S3.1	1	20-Nov-17	20-Nov-17	7 /lar-18							1									1	
A29520	Connect DN200 pipe to MH S3.1b	1	20-Nov-17	20-Nov-17	7 /lar-18							1										
A29530	Connect DN300 & DN400 pipe to MH S3.1a	1	20-Nov-17	20-Nov-17	7 /lar-18							I										
A29500	Formation & Construct MH S3.1, S3.1b & S3.1a	14	04-Nov-17	20-Nov-17	7 eb-18*						!	!										
A29540	Formation & Lay DN450 pipe from MH3.2 to S3.1a (App	orox 4	04-Nov-17	08-Nov-17	7 ⁼ eb-18																	
A29550	Pressure Test		21-Nov-17																			
	DN300 at Portion M44 (MH6_2a.1 to DM65)																					
Grd Lvi - S	torm / Drainage Connection (Outside SPS)								<u></u>	<u> </u>		<u> </u>	<u>.</u>				<u> </u>	ļ	<u></u>		ļļ	
A37290	Completed Storm Drain + Report	13	24-Nov-17	08-Dec-17	7 Jan-18																	
A37280	Connect to Existing Storm Manholes & Backfill	12	16-Nov-17	29-Nov-17	7 Jan-18																	
A37310	DSD Inspection	1	09-Dec-17	11-Dec-17	7 /lar-18																	
A37300	Inform DSD for Inspection of Storm Drain	2	07-Dec-17	09-Dec-17	7 ⁼ eb-18					+												
A37260	Sewerage - Install 450 / 300 Storm Drainage Pipes & Test	ting 25	01-Nov-17	29-Nov-17	7 Jan-18			-														
	PS to Center of At Grade Road																				11	
A29790	Backfill, Extract Sheet Piles and Reinstate Pavement	1	20-Oct-17	20-Oct-17	7 /lar-17																	
Center of A	t Grade Road to MH_2a.1																				1	
A38080	Backfill, Extract Sheet Piles and Reinstate Pavement	6	15-Nov-17	21-Nov-17	7 Jan-18																	
A38040	Drive In Sheet Piles	2	30-Oct-17	31-Oct-17	7 Dec-17			j		_									<u>.</u>			
A38050	Excavate to invert level and install struts	6	01-Nov-17	07-Nov-17	7 Jan-18		1															
A38030	Excavate trial trench for existing underground utilities	6	21-Oct-17	27-Oct-17	7 Dec-17																	
A38060	Laydown DN300 between MH6_2a.1 to Center of at Gra	ide 3	08-Nov-17	10-Nov-17	7 Jan-18																	
A38070	Pressure Test	3	11-Nov-17	14-Nov-17	7 Jan-18																	
Grd Lvi - E	xternal Storm Drainage Connection]											<u>.</u>			
A37460	DSD Inspection & Acceptance Test	11	17-Nov-17	30-Nov-17	7 /lar-18							1	1									
A37450	Inform DSD for Inspection	2	15-Nov-17	17-Nov-17	7 Jul-17																	
WSD																						
	Works at Portion M01 (Refer to M+ MEP Programme) Backfill & Reinstate to Ground Level	2	15 Nov 17	17 Nov 17	7 Apr 19																1	
			15-Nov-17	_				+											÷		++	
A29840	Excavate Trench in footway to expose PIW watermains &		27-001-17	30-Oct-17							_		٠.	la nala yan ta f	NA/ 6 6 1-			in a lic Annah	D1 #2C	1 [
A29890	Handover to PIW for footway pavement construction (IS	· ·		17-Nov-17									* F	anuover to l	W for footw	ay pavemei	construct	ion (IS Appd)	с DT) #30-	15 AUg 17),		
A29830	Install a new hoarding with 500mm clearance from road			26-Oct-17																		
A29850	Lay 2Nos of DN150 DI Fresh Water Pipe & 1 No of DN10	0 D 5		04-Nov-17																		
A29860	Pressure test (By PIW Contractor)	6		11-Nov-17			ļ			<u> </u>			Ļ						<u> </u>		ļ	
A29820	Remove existing hoarding fixed to Sheet pile	3	20-Oct-17	23-Oct-17	7 ⁼ eb-18																	
A29870	Remove the Blank Flanges & Make Final Connection	2	13-Nov-17	14-Nov-17	7 /lar-18							1										
	Works at Portion M17													_								
A30020	Backfill to adjacent ground level	2	16-Mar-18									A30020 🗕										
A29930	Connect DN200 pipe to Street Fire Hydrant	1	30-Dec-17	30-Dec-17			Ļ		2			ļ			.				<u></u>		ļļ	
A30030	Connection of Watermain (IS Appendix D1, #37, 31 Octo	obei 0		17-Mar-18	8								\$		Conne	ection of Wa	atermain (IS	Appendix D1	, #37, 31	October 2017).	
A29960	Construct End Block and Washout Tee with washout pur	mp 9	02-Feb-18	12-Feb-18	8 ⁼ eb-18	A29960																
A29920	Construct M+ Street Fire Hydrant & FS Pipe at gridline E-I	F/14 11	15-Dec-17	29-Dec-17	7 Jan-18																	
A29940	Excavate Trench for DN150 pipe along gridline A-F/14	14	02-Jan-18	17-Jan-18	3 Jan-18					<u> </u>												
A30010	Lab Test	6	09-Mar-18	15-Mar-18	8 /lar-18			-			Å30010 📥											
A29950	Lay down and install DN 150 pipe and connect isolation	valv 13	18-Jan-18	01-Feb-18	3 Jan-18	·····							}								·····	
A29910	Lay down and install DN200 pipe	9		14-Dec-17																		
A29970	Lay down and install remaining DN150 pipe	6		22-Feb-18		A29970	ı 1	-		· ·												
A29980	Pressure Test	2		26-Feb-18				A29	980													
A29980 A30000	Sterilization	6		08-Mar-18				723.		Å30000			1									
								+- <mark>-</mark>		990 -			+		·				÷		÷+	
A29990 SPS Extern	Swabbing Test al - Grd Lvl - Watermain (Outside SPS) to PIW	3	27-Feb-18	01-Mar-18	o /iaf-18				A295			_										
		11	20-0ct-17	02-Nov-17	7 Joy-17					<u> </u>												
A30110	Lab Test	11	20-Oct-17	02-Nov-17	7 lov-17		1														-	

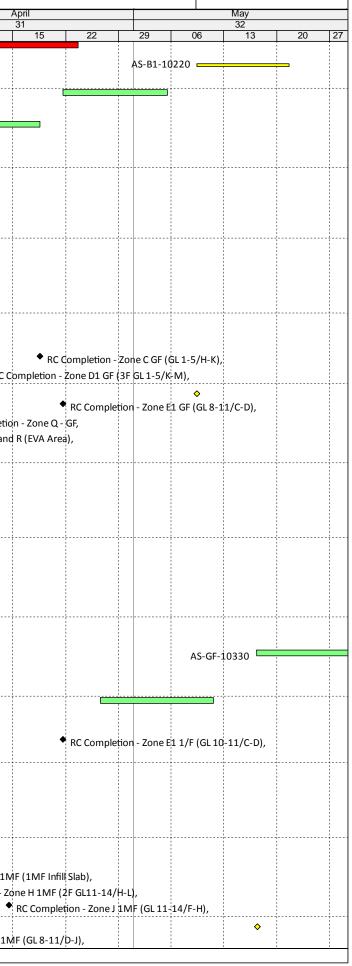


ctivity ID	Activity Name	CMWF		CMWP	Actual			F	ebruary			March	1				April				May	
		Dur.	R0.D8 Start	-R0.D8 Finish	; orecas 2	21	28	04	29 11 1	8 25	04	30	18	25	01	08	31	22	29	06	32 13	20
A30120	Watermain Final Connection	2	03-Nov-17					-										1				
ICP Externa	al - Grd Lvl - External Watermain Connection to PIW																					ļ
A30220	Backfill to Ground Level	6	11-Nov-17	17-Nov-17	/lar-18																	
A30190	Lab Test	11	25-Oct-17	07-Nov-17	eb-18																	
A30170	Pressure Test	3	20-Oct-17	23-Oct-17	eb-18*																	1
A30180	Swabbing Test	1	24-Oct-17	24-Oct-17	⁻ eb-18					U												
A30200	Watermain Final Connection	3	08-Nov-17	10-Nov-17	/ar-18																	ļ
Power Power Cabl	e 11kV at Footpath adjacent to Entrance Portal (Interface w																					
A30280	Backfilling footway to adjacent ground level		08-Dec-17	11-Dec-17	Apr-18																	
A30260	Excavate trench in footway for the 11kV direct buried cable		20-Oct-17		-																	
A30270	Lay Lead-in Cable (by CLP) & Inspection		07-Nov-17											<u>.</u>		1						
1	e 11Kv at Gridline A / 1- 3																					
A30310	Lay Lead-in Cable (by CLP) & connect to district-wide syste	r 10	25-Oct-17	04-Nov-17	eb-18																	
	e 11Kv at Gridline A / 3-14																					
	on at Drawpit E1 to Drawpit E2 Construct Drawpits E1 & E2	Q	27-Nov-17	06-Doc 17	206-17																	
	on at Drawpit E2 to E3 to E4	0	27-1100-17	00-Det-17	560-17	·····																l
	Construct Cable Tunnel from Drawpits E2 to E4 & Install Ca	b 8	08-Jan-18	17-Jan-18	Dec-17																	
A30350	Construct Drawpit E3 & E4	8	28-Dec-17	08-Jan-18	Dec-17																	
Constructio	on at Drawpit E4 to E5		/																			
A30380	Construct Cable Trench & Install Cable Ducts (Approx 6m)	2	22-Jan-18	24-Jan-18	/lar-18	•											 	 				<u> </u>
A30370	Construct Drawpit E5	4	17-Jan-18	22-Jan-18	⁻ eb-18																	
Inspection																						
	Test & Inspection	27	24-Jan-18	28-Feb-18	/lar-18																	
1	e 11Kv at Gridline A-C / 14 Construct Cable Trench & Install Cable Ducts (Approx 43m)	Q	20-Oct-17	20 Oct 17	lov 17																	
	Tests & inspection		31-Oct-17								0							 				
	e 11kv at Gridline C-M / 14	1	51-000-17	51-001-17	//81-10																	
	Construct Drawpits E6 & E7	8	28-Feb-18	09-Mar-18	-eb-18		A30420		i			1										
A30430	Construct Cable Trench / Tunnel & Install Cable Ducts (App	r(11	09-Mar-18	22-Mar-18	eb-18	A30430																
A30440	Tests & inspection		22-Mar-18	26-Mar-18	/ar-18					ABO	440 -											
Power Cabl	e 11Kv at Gridline 13-14 / M													<u>+</u>				L				
A30460	Construct Cable Trench / Tunnel & Install Cable Ducts (App	rc 4	06-Apr-18	11-Apr-18	/lar-18							A	80460	-	-							
A30450	Construct Draw pit E8	6	26-Mar-18	06-Apr-18	/lar-18							A30450										
	Lay power lead-in (by CLP) & Inspection	20	11-Apr-18	01-May-18	⁻ eb-18				A3047	0												
	om DCS to M+ Seawater Pump Cells		20. 4	04.1446	1								A 205 20									
	Backfill to Existing Ground Level	4	28-Apr-18	,									A305 20					•				
A30500	Cable Pulling from DCS to Seawater Pump Cells	5	23-Apr-18							A30510		A50500	,									
A30510	Construct 6 Nos of Drawpit	16	03-Apr-18																			
A30490	Construct Cable Trench & Lay 4Nos of DN150 & 5Nos of D		03-Apr-18	•					A3048	A30490												
A30480	Excavate trench & Install Shoring from DCS to M+ Seawate Power Cable Trench For CLP Lead In	·1 4	26-Mar-18	03-Apr-18	-60-18				A3040	50												¦
A30550	Backfill to Ground Level	3	25-Nov-17	28-Nov-17	Jan-18																	
A30530	Construct 2 Nos of Drawpit at the ICP Entrance	8	20-Oct-17			1	:		1													
A30545	Lay power Lead-in for ICP & Inspection (by CLP)	15	09-Nov-17	24-Nov-17	eb-18																	
Gas					·																	¦
	t Portion M01 RDE connection along Gridline E' - I' / 1'																					
A30740	Backfill Trench to Ground Level	4	16-Dec-17	20-Dec-17	1av-18																	
A30720	Excavate Trench for Main Gas 100mm and install shoring	8	22-Nov-17															1 1				
A30710	Install support for existing Underground Utilities		15-Nov-17													<u> </u>						
A30730	Lay down Main Gas 100mm (by Towngas Specialist Contra		01-Dec-17															; ; ;		•		
A30750	Testing and Inspection	5	21-Dec-17																	-		
	Trial Trench for Underground Utilities	9	04-Nov-17		-																	
	M+ along Gridline 2-9/A	-	/														1 1					
A30790	Backfill trench at M+ to adjacent level	6	20-Feb-18	26-Feb-18	Jan-18						1							1				
A30770	Construct and Lay down 350x350mm concrete pipe bench		05-Jan-18		-										[
A30760	Excavate Trench for Main Gas and install shoring		28-Dec-17	11-Jan-18	Jan-18																	
A30780	Lay down and install DN100 gas main (by Towngas Special	si 25	18-Jan-18	15-Feb-18	Jan-18			1														
A30800	Testing and Inspection		27-Feb-18	02-Mar-18	/lar-18					A30800	-											
Telecom/ICT	/FTNS																	; ;				
Telecom @	Gridline C-M/14										1			:		1	1	1	:	1	1	<u>. </u>

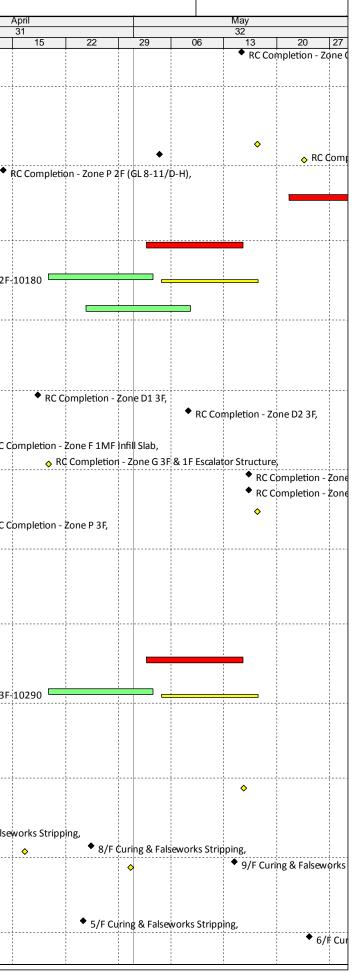
Activity ID	Activity Name	CMWP	CMWP -	CMWP	Actual				February	1			Mar	ch			
		Dur.	R0.D8 Start	-R0.D8	1	04			29	1 10			30		05		1 00
A30810	Completion for Construction of Power Cable Trench/Tunnel	0		Finish 22-Mar-18	orecas	21 2	28	04	11	18	2	5 04	11	18	25 Completion f	01 or Construc	08 tion of Powe
A30810	Construct 5# 28 DN100 FTNS drawpit @ gridline C-M/14	16	28-Mar-18												0830		
A30820	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 100m)	5	22-Mar-18											A30820 🛁	<u>i</u>		
A30840	Notify Telecom and request installation of cables	0	22 11101 10	20-Apr-18	101 10												
	Gridline A-C/14	Ū		207101-10													
A30850	Completion for Construction of Power Cable Trench/Tunnel	0		30-Oct-17								Comple	tion for Const	ruction of Pov	ver Cable Tre	nch/Tunnel,	,
A30870	Construct 1#28 DN100 FTNS drawpit @ gridline A-C/14	4	02-Nov-17	06-Nov-17	/lar-18												
A30860	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 30m)	2	31-Oct-17	01-Nov-17	/lar-18												
A30880	Notify Telecom and request installation of cables	0		06-Nov-17									🕈 Notify Te	ecom and req	uest installat	ion of cable	\$,
	Gridline M/12-14 (Portion M15)					-											
A30890	Construct ICT & ELV drawpits @ Gridline M/12-14	8	20-Apr-18	-									1		A308	90	•
A30900	Notify Telecom and request installation of cables	0		30-Apr-18													
A30980	g & Testing (By Telco) Cable Laying & Testing (By Telco) @ GL A-M/14	11	20-Apr-18	04-May-18	Apr-18												
A30990	Cable Laying & Testing (By Telco) @ GL M/14-12	2	30-Apr-18	-	-								•		 !		, A30990 🗖
Backfilling a					- F												
Backfilling			20 2 1 1														
A31050	Backfilling to +6.50mPD	8		30-Oct-17	-												
A31060	Backfilling to +8.50mPD	13		14-Nov-17													
A31070	Backfilling to +10.50mPD	16	15-Nov-17														
A31080 Constructio	Backfilling to +12.70mPD	16	04-Dec-17	21-Dec-17	pr-18_												
A31110	Construct EVA (+10.50mPD)	9	14-May-18	25-Mav-18	1ay-18												
A31100	Construct EVA (+8.50mPD)	8	, 04-May-18														
Fuel Tank			· ·	- -													
A31290	Backfill	11	29-Dec-17	11-Jan-18	1ay-18												
A31260	Construct Bottom Level of Fuel Oil Storage Tank	11	03-Nov-17	15-Nov-17	/lar-18									1			
A31280	Construct Top Level of Fuel Oil Storage Tank	13	12-Dec-17	28-Dec-17	4pr-18												
A31250	Excavate to Base Slab & Wall of Fuel Tank	11	20-Oct-17	02-Nov-17	⁻ eb-18									<u> </u>			<u></u>
A31270	Mechanical Fitting	16	16-Nov-17														
A38020	T&C of Fuel Oil Storage Tank	6	05-Dec-17	11-Dec-17	4pr-18												
M+ ABWF																	
RC Structur	re Completon & De-proping Date																
B2/F							1										
	De-proping												<u> </u>				
	Scheduled De-proping - Zone A4-A5 - B2F	11	25-Oct-17														
	Scheduled De-proping - Zone B - B2F	11	09-Feb-18								-						
	Scheduled De-proping - Zone C - B2F	11	11-Nov-17				<u> </u>										
	Scheduled De-proping - Zone D1 - B2F Scheduled De-proping - Zone H - B2F	11	04-Nov-17	02-Feb-18													
		11		02-Feb-18													
	Scheduled De-proping - Zone Q - B2F Scheduled De-proping - Zone T - CSF - B2F	11	22-Jan-18 20-Oct-17														
	Scheduled De-proping - Zone U - RDE - B2F	11	20-Oct-17 20-Oct-17														
B1/F	Scheduled De-proping - Zone 0 - KDL - BZi	11	20-001-17	02-1000-17	ep-18		+										
RC Comple																	
	(no B1) RC Completion - Zone B - B1F @ GL 6-7/E-J	0		03-Jan-18									_				
	RC Completion - Zone A4-A5 - B1F (GL 2-7/D-H)	0		25-Oct-17							•	RC Completion					
	RC Completion - Zone D1 - B1F @ GL 7'-4/K-M	0		22-Jan-18								· · · · · · · · · · · · · · · · · · ·	RC Completio	n - Zone D1 -	B1F @ GL 7'-	4/K-M,	
	RC Completion - Zone D2 - B1F @ GL 5-7/H-K	0		30-Apr-18													
	RC Completion - Zone E1 - B1F @ GL 8-11/C-D (A60810)	0		20-Oct-17		RC Cor	mpletio	n - Zone E1	1 - B1F @ G	8-11/0	(A60810)),					
	RC Completion - Zone G - B1F @ GL 11/C-F	0		12-Apr-18													
	RC Completion - Zone G - B1F @ GL 12/G-H	0		12-Apr-18								•		DAE O SI I			\$
	RC Completion - Zone H - B1F @ GL 11-14/K-M	0		04-Nov-17								 RC Comple 	etion - Zone H	- B1F @ GL 11	-14/K-M,		
	RC Completion - Zone J - B1F @ GL 12-14/G-H	0		23-May-18									-				
	RC Completion - Zone K & L - B1F @ GL 8-10/H-K, GL 12/G-ł	0		28-Apr-18													
	RC Completion - Zone P - B1F @ GL 8-11/E-G (A12410)	0		25-Apr-18									• no	Completion	Zanc O. DC		
	RC Completion - Zone Q - B1F @ GL 6-7/E-F De-proping	0		22-Jan-18									• KC	Completion -	zone Q - B1F	መ GL 6- //E	г г ,
	(no B1)Scheduled De-proping - Zone B - B1F (GL 5-7/E-J)	11	03-Jan-18	15-Jan-18	1av-18		+†										
	Scheduled De-proping - Zone A4-A5 - B1F		25-Nov-17												i		-
										1				1			<u>.</u>



Activity ID	Activity Name	CMWP	CMWP -	CMWP -R0.D8	Actual	February 29			March 30	l			
		Dur.	R0.D8 Start	Finish	; orecas		8	25	04 11	18	25	01	08
AS-B1-10	Scheduled De-proping - Zone D1 - B1F GL (7'-4/K-M)	11	23-Feb-18	07-Mar-18	۹pr-18								
AS-B1-10:	Scheduled De-proping - Zone D2 - B1F (GL 5-7/H-K)	11	09-May-18	21-May-18	lun-18								
AS-B1-10:	Scheduled De-proping - Zone E - B1F (GL 8-11/A-C)	11	28-Nov-17	11-Dec-17	/lar-18							ļ	
AS-B1-10:	Scheduled De-proping - Zone E1 - B1F (GL 8-11/C-D)	11	16-Mar-18	29-Mar-18	۹pr-18				AS-B1-10240 🗖				
AS-B1-10	Scheduled De-proping - Zone H - B1F (GL 11-14/K-M)	11	05-Dec-17	16-Dec-17	/lar-18								
AS-B1-10!	Scheduled De-proping - Zone Q - B1F (GL 5-7/D-F)	11	09-Feb-18	24-Feb-18	۹pr-18	AS-B1-10980							
AS-B1-10:	Scheduled De-proping - Zone R - B1F (GL 6'-7'/A-J')	4	20-Oct-17	24-Oct-17	lun-17								
AS-B1-10:	Scheduled De-proping - Zone S - B1F	11	18-Nov-17	01-Dec-17	⁼ eb-18			<u></u>					
AS-B1-10	Scheduled De-proping - Zone T - CSF - B1F (GL 1'-6'/A'-F')	11	20-Oct-17	02-Nov-17	⁼ eb-18								
	Scheduled De-proping - Zone U - RDE - B1F (GL 1'-6'/F'-J')	11	01-Nov-17	14-Nov-17	⁼ eb-18								
LG/F RC Comple	tion												
	RC Completion - Zone LGFT4 - LGF @GL 4'-6'/A' B'	0		06-Feb-18		RC Completion - Zone LC	FT4 - LC	GF @GL 4'-6'/	Α' Β' ,				
	RC Completion - Zone T - CSF - LGF @GL 1'-6'/B'-F'	0		06-Feb-18		RC Completion - Zone T	· • • • • • • • • •						
	RC Completion - Zone U - RDE - LGF @GL 1'-6'/F'-J'	0		06-Feb-18		RC Completion - Zone LL	- i -						
	De-proping				1								
AS-LG-10(Scheduled De-proping - RDE - LGF (GL 1'-6'/F'-J')	11	02-Jan-18	15-Jan-18	⁼ eb-18								
AS-LG-10(Scheduled De-proping -CSF - LGF (GL 1'-6'/D'-J')	11	02-Nov-17	15-Nov-17	⁼ eb-18		Ē						
<u>G/F</u>													
RC Comple	RC Completion - Zone A5 GF (3F GL 4-6/E-H)	0		30-Oct-17					• RC Completion -	Zone A5 GE	3F GI 4-6/F	H)	
	RC Completion - Zone C GF (GL 1-5/H-K)	0		26-Feb-18				<u>م</u>	ne completion		31 02 1 0/2	,,	
	RC Completion - Zone D1 GF (3F GL 1-5/K-M)	0		23-Feb-18				`					◆ RC C
	RC Completion - Zone D2 GF (GL 5-7/H-M)	0		09-May-18			···						inc c
	RC Completion - Zone E1 GF (GL 8-11/C-D)	0		16-Mar-18					•				
	RC Completion - Zone Q - GF	0		09-Feb-18								• F	C Completio
	RC Completion - Zone G and R (EVA Area)	0		29-Mar-18		◆				٠	A BC		- Zone S and
	RC Completion - Zone T - CSF GF (GL 1'-6'/B'-F')	0		07-Feb-18		♦ RC Completion - Zone	T-CEC	SE (GI 1'-6'/B	'-F').		V		20110 0 0110
	RC Completion - Zone U - RDE GF (GL 1'-6'/F'-J')	0		07-Feb-18		♦ RC Completion - Zone	· ·						
	De-proping	U		07 100 10			•	0. (0.1.1 0/).	• //				
AS-GF-10	Scheduled De-proping - Zone A1 GF (3F GL 2-4/A-E)	11	24-Nov-17	06-Dec-17	⁼ eb-18								
AS-GF-10	Scheduled De-proping - Zone A2 GF (3F GL 4-6/A-E)	11	24-Nov-17	06-Dec-17	[:] eb-18		-						
AS-GF-10	Scheduled De-proping - Zone A3 GF (3F GL 6-7/A-E)	11	24-Nov-17	06-Dec-17	[:] eb-18								
AS-GF-10	Scheduled De-proping - Zone A4 GF (3F GL 2-4/E-H)	11	11-Dec-17	23-Dec-17	[:] eb-18								
AS-GF-10	Scheduled De-proping - Zone A5 GF (3F GL 4-6/E-H)	11	11-Dec-17	23-Dec-17	⁼ eb-18		-						
AS-GF-10	Scheduled De-proping - Zone B GF (3F GL 5-7/E-J)	11	17-Mar-18	03-Apr-18	lun-18								
AS-GF-10	Scheduled De-proping - Zone D1 GF (3F GL 1-5/K-M)	11	09-Dec-17	22-Dec-17	⁼ eb-18								
AS-GF-10	Scheduled De-proping - Zone D2 GF (3F GL 5-7/H-M)	11	22-Jan-18	03-Feb-18	/lar-18							l	
AS-GF-10	Scheduled De-proping - Zone E GF (GL 8-12/A-C)	11	02-Nov-17	15-Nov-17	⁼ eb-18								
AS-GF-10	Scheduled De-proping - Zone E1 GF (GL 8-11/C-D)	11	10-Mar-18	23-Mar-18	⁼ eb-18	AS-GF-1031	0		━_╮				
AS-GF-10	Scheduled De-proping - Zone J GF (3F GL 11-14/H-F)	11	05-Jun-18	19-Jun-18	1ay-18		_						
AS-GF-10	Scheduled De-proping - Zone M West Core Wall GF (3F GL 7-	11	20-Oct-17	02-Nov-17	⁼ eb-18								
AS-GF-10	Scheduled De-proping - Zone N East Core Wall GF (3F GL 7-8	11	20-Oct-17	02-Nov-17	⁼ eb-18								
AS-GF-10	Scheduled De-proping - Zone P GF (3F GL 8-11/D-H-J)	11	20-Mar-18	04-Apr-18	۹pr-18	\mathbf{h}			AS-GF-102	90 —			
1/F													
AS-1E-10(RC Completion - Zone E1 1/F (GL 10-11/C-D)	0		16-Mar-18					•				
1M/F		U		10 10101 10									
RC Comple	tion								•				4
AS-1M-10	RC Completion - Zone A4-A5 1MF (2F GL3-6/D-H)	0		11-Nov-17					RC Completion -	Zone A4-A5	1MF (2F GL3	5-6/D-H),	
	RC Completion - Zone B 1MF (GL 5-7/E-J)	0		09-Feb-18		♦			•			Ι.	
	RC Completion - Zone D1 1MF (2F GL 1-5/K-M)	0		19-Dec-17					RC Completion				
	RC Completion - Zone D2 1MF (1MF Slab)	0		29-Jan-18		♦			RC Complet			Slab),	
AS-1M-1(RC Completion - Zone E & E1 1MF (GL 8-11/C-E)	0		15-Nov-17					n - Zone E & E1 1MF (,	1	
AS-1M-1(RC Completion - Zone E 1MF (GL 8-11/A-C)	0		15-Nov-17			•	RC Complețio	n - Zone E 1MF (GL 8-:	L1/A-C),	<u> </u>	1	
	RC Completion - Zone F 1MF (1MF Infill Slab)	0		09-Feb-18		♦					◆ RC		n - Zone F 1N
	RC Completion - Zone H 1MF (2F GL11-14/H-L)	0		18-Dec-17								RC Cor	mpletion - Zo
	RC Completion - Zone J 1MF (GL 11-14/F-H)	0		12-Feb-18									•
AS-1M-10	RC Completion - Zone K&L 1MF (GL 8-11/H-M)	0		17-May-18								1	
AS-1M-10	RC Completion - Zone P 1MF (GL 8-11/D-J)	0		09-Feb-18		♦					RC	Completior	n - Zone P 1N



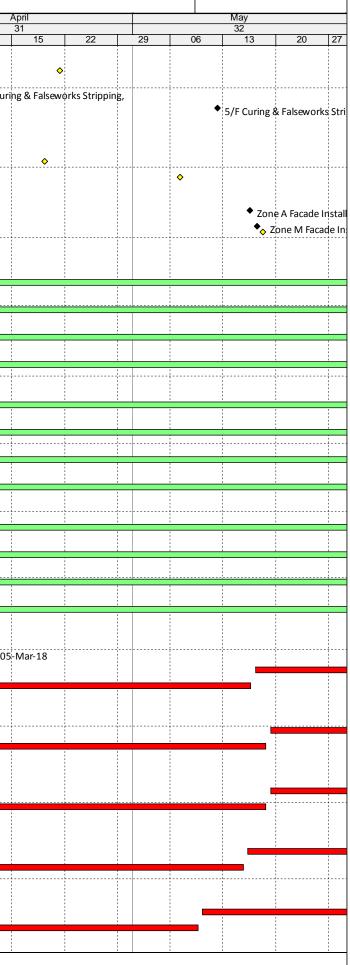
Activity ID	Activity Name	CMWP		CMWP	Actual					February					March	1			
		Dur.	R0.D8 Start	-R0.D8 Finish	; orecas	21	28	8	04	29 11	18	2	25	04	30 11	18	25	01	08
AS-1N	1-1C RC Completion - Zone Q 1MF (GL5-7/D-F)	0		03-Mar-18									•	>					
2/F																			
	npletion -10: RC Completion - Zone B 2F (GL 6-7/E-H)	0		05-Mar-18															+
	-10(RC Completion - Zone D2 2F (GL 4-7/H-M)	0		10-Jan-18			1					RC Con	npleti	on - Zone D2	: 2F (GL 4-7/H	I-M).			
	-10: RC Completion - Zone E1 2F (GL 8-11/C-E)	0		26-Feb-18			•					1	1	mpletion - Zoi					
	-10(RC Completion - Zone G 2F (GL 11-14/A-H)	0		17-May-18								•				,,,			
	-10: RC Completion - Zone J 2F (GL 12-14/G-H)	0		23-May-18															
	-10.1 RC Completion - Zone P 2F (GL 8-11/D-H)	0		07-Mar-18										♦					•
	uled De-proping																		
AS-2F	-102 Scheduled De-proping - Zone D2 2F (GL 4-7/H-M)	11	08-Mar-18	21-Mar-18	1ay-18									-					
AS-2F	-10: Scheduled De-proping - Zone A 2F (GL 2-7/A-H)	11	08-Jan-18	20-Jan-18	/lar-18										•	1			
AS-2F	-10: Scheduled De-proping - Zone C 2F (GL 1-5/H-K)	11	13-Jan-18	26-Jan-18	/lar-18	<u> </u>													
AS-2F	-10: Scheduled De-proping - Zone D1 2F (GL 1-4/K-M)	11	14-Feb-18	02-Mar-18	1ay-18								<u> </u>						
AS-2F	-10: Scheduled De-proping - Zone E1 & E2 2F (GL 8-11/C-E)	11		11-Dec-17											-	1			
AS-2F	-10: Scheduled De-proping - Zone G 2F (GL 11-14/A-H)	11	04-May-18	17-May-18	4pr-18											1			AS-2I
AS-2F	-10: Scheduled De-proping - Zone H 2F (GL 11-14/G-M)	11	13-Feb-18	01-Mar-18	1ay-18								+						
	-102 Scheduled De-proping - Zone P 2F (GL 8-11/D-H) (+ De-pro	or 11	17-Mar-18	29-Mar-18	۹pr-18	-		İ						AS-	2F-10250 🖬	• •			<u>.</u>
3/F	npletion																		
	-10(RC Completion - Zone A 3F	0		22-Dec-17										RC Complet	tion - Zone A	3F,			
	-10(RC Completion - Zone B 3F	0		20-Mar-18												•			
	-100 RC Completion - Zone C 3F	0		30-Dec-17											RC Cor	mpletion - Z	one C 3F.		
	-10: RC Completion - Zone D1 3F	0		01-Feb-18				_											
	-100 RC Completion - Zone D2 3F	0		23-Feb-18				ľ				<u>`</u>							
	-10: RC Completion - Zone E & E1 3F	0		15-Nov-17								• RC C	comple	etion - Zone E	& E1 3F.				
	-10: RC Completion - Zone F 1MF Infill Slab	0		03-Mar-18										<u></u>	,				◆ RC
	100 RC Completion - Zone G 3F & 1F Escalator Structure	0		19-Apr-18														•	
	-10. RC Completion - Zone H 3F	0		31-Jan-18			0												÷
	100 RC Completion - Zone H 3F (Remaining section)	0		31-Jan-18															
	-100 RC Completion - Zone K & L 3/F	0		17-May-18			· ·									1 1 1			
	-107 RC Completion - Zone P 3F	0		03-Mar-18										<u>_</u>					◆ RC
	-10. RC Completion - Zone Q 3F	0		28-Mar-18													♦		
	uled De-proping															, ,	· · · · · · · · · · · · · · · · · · ·		
AS-3F	-10: Scheduled De-proping - Zone A1 3F	11	08-Jan-18	20-Jan-18	/lar-18												i		
	-10: Scheduled De-proping - Zone A2 3F	11		20-Jan-18															
AS-3F	-10 ⁴ Scheduled De-proping - Zone A3 3F	11	08-Jan-18	20-Jan-18	/lar-18														
AS-3F	-102 Scheduled De-proping - Zone A4 3F	11	13-Jan-18	26-Jan-18	/lar-18														<u>.</u>
AS-3F	-10 ⁴ Scheduled De-proping - Zone A5 3F	11	08-Jan-18	20-Jan-18	/lar-18										L	1			
AS-3F	-10. Scheduled De-proping - Zone C 3F	11	13-Jan-18	26-Jan-18	/lar-18	<u> </u>													
AS-3F	-10: Scheduled De-proping - Zone D1 3F	11	14-Feb-18	02-Mar-18	1ay-18														
	-10: Scheduled De-proping - Zone E1&E2 3F	11		11-Dec-17															
	-10. Scheduled De-proping - Zone G 3F & 1F Escalator Structure	e 11	-	17-May-18											ļ				AS-3I
	-10: Scheduled De-proping - Zone H 2F	11		01-Mar-18									+						
	-10. Scheduled De-proping - Zone H 3F (Remaining section)	11		01-Mar-18	· ·								-						
	-10: Scheduled De-proping - Zone M 3F West Core Wall	11		10-Apr-18															:
	-10: Scheduled De-proping - Zone N 4F East Core Wall	11	23-Mar-18	10-Apr-18	/lar-18										AS-3	F-10370 🚽	1 1		
	r RC Structure 0060 10/F Curing & Falseworks Stripping	0	ĺ	15-May-18															<u> </u>
	0010 5/F Curing & Falseworks Stripping	0		21-Feb-18								● 5/F Cu	ring &	Falseworks S	trinning				
	0020 6/F Curing & Falseworks Stripping	0		09-Mar-18								5/1 Cu	ing G	1	6/F Curing	k Falsework	s Strinning		
	0030 7/F Curing & Falseworks Stripping	0		26-Mar-18										×	of curing			◆ 7/F Cr	uring & Fals
	0040 8/F Curing & Falseworks Stripping	0		16-Apr-18						/							◇	/// 00	
	0050 9/F Curing & Falseworks Stripping	0		30-Apr-18		+													
	Structure	U		20-Ahi-19															
	0030 3/F Curing & Falseworks Stripping	0		07-Dec-17								• 3/F Cu	ring &	Falseworks	tripping,				
	0040 4/F Curing & Falseworks Stripping	0		23-Dec-17												◆ 4/F C	uring & False	works Stripp	ing,
	0050 5/F Curing & Falseworks Stripping	0		12-Jan-18		1													
		0		29-Jan-18		1	♦	1								/ / / /			
AS-CS-1	0060 6/F Curing & Falseworks Stripping	0																	



Three Months Rolling Programme (3MRP) - Mth 29 - 28 February 2018

Activity ID	Activity Name	CMWP		CMWP	Actua	1			February				Marc	h			
		Dur.	R0.D8 Start	-R0.D8 Finish	;oreca	s 21	28	04	29	18	25	04	30	18	25	01	08
AS-CS-1008	0 8/F to +61mPD Curing & Falseworks Stripping	0		06-Mar-18								\$					
AS-CS-1009	CR/F Curing & Falseworks Stripping	0		21-Apr-18													
RDE RC Stru		0		10 1 10													• a/5 c
	3/F Curing & Falseworks Stripping	0		19-Jan-18													3/F Cur
	5/F Curing & Falseworks Stripping	0		24-Feb-18							>						
	6/F Curing & Falseworks Stripping	0		13-Mar-18									◇				
	7/F Curing & Falseworks Stripping	0		29-Mar-18													
	8/F Curing & Falseworks Stripping	0		19-Apr-18				·				··			+		÷
Watertight Ac	9/F Curing & Falseworks Stripping	0		07-May-18													
Materugint A																	
WA-PD-10	Zone A Facade Installation Completed (2F GL1-8/A & 1/A-H)	0		07-Mar-18								♦					
WA-PD-10	Zone M Facade Installation Completed (2F GL7-8/A-D)	0		18-May-18													
WA-PD-10	Zone P Plaza Skylight Installation Completed (3F GL6-7/E-H	0		29-Mar-18													
M+ MEP Pre																	
M+ Electrical A65070	Shop Drawing Submission and Approval (Electrical)	120	20-Oct-17	17-Eeh-18)ec-1	5		;				1					1
M+ HVAC		120	20 000 17	17 100 10	500 10												
A65060	Shop Drawing Submission and Approval (M+ HVAC)	120	20-Oct-17	17-Feb-18	lov-15	5											
M+ FS																	
A65090	Shop Drawing Submission and Approval (Fire Services)	120	20-Oct-17	17-Feb-18	lun-16	6											
M+ P&D A65080	Shop Drawing Submission and Approval (Plumbing and Drai	120	20-Oct-17	17-Eob-18	Apr 16	6		Ì									1
CSF MEP P		120	20-001-17	17-160-18	//al-10												
M+ HVAC																	
A65100	Shop Drawing Submission and Approval (CSF HVAC)	120	20-Oct-17	17-Feb-18	۹pr-17	7	:	:	!				1		1		1
M+ Electrica		1		(
A65110	Shop Drawing Submission and Approval (Electrical)	120	20-Oct-17	17-Feb-18	Dec-15	5											
M+ FS A65130	Shop Drawing Submission and Approval (Fire Services)	120	20-Oct-17	17-Eeh-18	lun-16	6											-
M+ P&D		120	20 000 17	17 100 10	full IC												
A65120	Shop Drawing Submission and Approval (Plumbing and Drai	120	20-Oct-17	17-Feb-18	lov-16	6		;			:		1	1	1		1
RDE MEP P																	ļ
M+ Electrica		120	20 Oct 17	17 Fab 19	200.15	-		1				i	1		i.		i
A65170 M+ FS	Shop Drawing Submission and Approval (Electrical)	120	20-Oct-17	17-Feb-18	Jec-15	5											
A65150	Shop Drawing Submission and Approval (Fire Services)	120	20-Oct-17	17-Feb-18	lun-16	6			-				;		<u>.</u>		
M+ HVAC				,					 						<u>.</u>		<u> </u>
A65140	Shop Drawing Submission and Approval (RDE HVAC)	120	20-Oct-17	17-Feb-18	lov-16	6	:	:	:			1	1	1	1		1
M+ P&D		4.9.0	22.0.17	17 5 1 10		c .			1			1	1				1
A65160	Shop Drawing Submission and Approval (Plumbing and Drai		20-Oct-17			6						1					-
	al Items Cost Centre G (FS / OP non related loose furniture at Conservation & Storage Facilities	Items	tentative	for refere	ence (
P1A6000	CAI for Fixed & loose furniture at Conservation & Storage Facilities	0			/lar-18	8						CAI for	Fixed & loos	e furniture a	t Conservatio	n & Storage	Facilities, 05
P1A6050	Fixed & loose furniture at Conservation & Storage Facilities E	0			1ay-18												
P1A6010	Fixed & loose furniture at Conservation & Storage Facilities s	0			/ar-18										-		-
	loose furniture at M+ Tower																
P1B6000	CAI for Fixed & loose furniture at M+ Tower	0			/lar-18	8						♦ CAI	for Fixed & I	oose furnitui	re at M+ Tow	er, 07-Mar-1	18
P1B6060	Fixed & loose furniture at M+ Tower Design/Shop drawing su	0			1ay-18	8											
P1B6010	Fixed & loose furniture at M+ Tower subletting	0			/lar-18	8							-	-	1		
1C) Fixed &	loose furniture at M+ Galleries																
P1C6000	CAI for Fixed & loose furniture at M+ Galleries	0			/lar-18							◆ CAI	tor Fixed & I	oose furnitui	re at M+ Galle	ries, 07-Ma	r-18
P1C6050	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			1ay-18										<u></u>	<u> </u>	<u> </u>
P1C6010	Fixed & loose furniture at M+ Galleries subletting	0			/lar-18	8											
	x equipement system & machinery	- C										CAL for Inte	Boyoguir	montarter	& machine	02 14 1	0
P1D6000	CAI for Juke Box equipement system & machinery	0			/lar-18							CAI for Juk	e box equipe	sment system		y, us-iviar-1	þ
P1D6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			1ay-18												-
P1D6010	Juke Box equipement system & machinery subletting	0			/lar-18	8											
1E) Fixed & P1E6000	loose furniture for Learning Centre CAI for Fixed & loose furniture for Learning Centre	0			eb-18	8					◆ CAI fo	r Fixed & loos	furniture f	or Learning C	entre. 26-Fel	p -18	
P1E6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing	0			1ay-18									C			
P1E6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing Fixed & loose furniture for Learning Centre subletting	0			/ay-18												-
	loose furniture for Moving Image Centre	U			//ai-18	5											
	Second and the starting image Volue					-										1	·

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Activity ID	Activity Name	CMWP Dur.	CMWP - R0.D8 Start	CMWP -R0.D8	Actual	February 29	March A 30
D150000	CALLER Final & Lance functions for Maning Image Contra			Finish	^c orecas		25 04 11 18 25 01 08 ◆ CAI for Fixed & loose furniture for Moving Image Centre, 07-Mar-18
P1F6000	CAI for Fixed & loose furniture for Moving Image Centre	0			/ar-18		CALIFOL TIME & 1005E TUTHILUTE FOLINIOVING IMage Centre, 07-War-10
P1F6070 P1F6010	Fixed & loose furniture for Moving Image Centre Design/Shc Fixed & loose furniture for Moving Image Centre subletting	0			1ay-18		
	ioose furniture at M+ Workshop & BOH Area	0			/lar-18	5	
P1G6000	CAI for Fixed & loose furniture at M+ Workshop & BOH Area	0			/lar-18	3	 CAI for Fixed & loose furniture at M+ Workshop & BOH Area, 09
P1G6080	Fixed & loose furniture at M+ Workshop & BOH Area Design	0			1ay-18		
P1G6010	Fixed & loose furniture at M+ Workshop & BOH Area sublett	0			/ar-18		
	out works for cafes at B1/F & L3/F	Ŭ	1				
P1H6000	CAI for Fitting out works for cafes at B1/F & L3/F	0			⁻ eb-18	3	CAI for Fitting out works for cafes at B1/F & L3/F, 27-Feb-18
P1H6090	Fitting out works for cafes at B1/F & L3/F Design/Shop draw	0			1ay-18		
P1H6010	Fitting out works for cafes at B1/F & L3/F subletting	0			/ar-18		
	loose furniture at M+ Shop including Espresso Bar				1101 20		
P1K6000	CAI for Fixed & loose furniture at M+ Shop including Espress	0			/lar-18	3	CAI for Fixed & loose furniture at M+ Shop including Espresso Bar, 06
P1K6100	Fixed & loose furniture at M+ Shop including Espresso Bar D	0			1ay-18	3	
P1K6010	Fixed & loose furniture at M+ Shop including Espresso Bar su	0			/ar-18		
2A) Non dig	ital way-finding signage & digital signage						
P2A6000	CAI for Non digital way finding signage & digital signage	0			⁻ eb-18	3	CAI for Non digital way finding signage & digital signage, 24-Feb-18
P2A6110	Non digital way finding signage & digital signage Design/Sho	0			1ay-18	3	
P2A6010	Non digital way finding signage & digital signage subletting	0			Лаг-18	3	
2B) Street li	ighting & accessories for CCTV & Wi Fi						
P2B6000	CAI for Street lighting & accessories for CCTV & Wi Fi	0			/lar-18	3	CAI for Street lighting & accessories for CCTV & Wi Fi, 06-Mar-18
P2B6120	Street lighting & accessories for CCTV & Wi Fi Design/Shop d	0			1ay-18	3	
P2B6010	Street lighting & accessories for CCTV & Wi Fi subletting	0			/ar-18	3	
2C) Elemen	ts Cooling Main access modification						
P2C6000	CAI for Elements Cooling Main access modification	0			/lar-18	3	CAI for Elements Cooling Main access modification, 05-Mar-18
P2C6010	Elements Cooling Main access modification subletting	0			/lar-18	3	
2E) MEP &	Misc building works assoc. District Cooling System in	take pu	mp cell				
P2E6000	CAI for MEP & Misc building works assoc. District Cooling Sy	0			⁻ eb-18	3	CAI for MEP & Misc building works assoc. District Cooling System intake pump cell, 24-
P2E6010	MEP & Misc building works assoc. District Cooling System in	0			/lar-18	3	
2F) BWIC /	basic MEP provision for CLP transformer rooms			1			
P2F6150	BWIC / basic MEP provision for CLP transformer rooms Desi	0			1ay-18	3	
P2F6010	BWIC / basic MEP provision for CLP transformer rooms subl	0			/lar-18	3	
P2F6000	CAI for BWIC / basic MEP provision for CLP transformer roo	0			⁻ eb-18	3	CAI for BWIC / basic MEP provision for CLP transformer rooms, 23-Feb-18
Contracto	r's Summary Works Programme						
Milestone D							
	A - Preliminaries & General Requirements	0	1			Compliance Review to	the CA's satisfaction on Project Time & Construction PMgt Doc (t=M27),
MSA.12	Compliance Review to the CA's satisfaction on Project Time	0					the CA's satisfaction on Project Time & Construction PMgt Doc (t=M27),
MSA.13i	Compliance Review to the CA's satisfaction on Project Time	0					Compliance Review to t
MSA.14	Compliance Review to the CA's satisfaction on Project Time D2 - Interfacing Car Park Works	0					· compliance review to
MSD2.03	Complete all necessary works for the submission of Form 5(0					Complete all necessary works for the submission of Form 501 to FSD for inspection (t=IM
MSD2.06	Complete all work necessary for practical completion (t=M4	0					 Complete all work necessary for practical completion (t=M40),
MSD2.05	Complete the integrated testing and commissioning of all sy	0					 Complete the integrated testing and commissioning of all systems (t=M34),
MSD2.03	Obtain FS certificate (t=M33)	0					♥ Obtain #S certificate (t=M33),
	B - M+ Museum & CSF	U					
MSB.12i	CLP Power-on (Tr=M28)	0					
MSB.06.e	Complete 3F slab at Zone A1 to A5, Zone E and Zone H (Tr=N	0				1	
MSB.06.d	Complete 4F and 2F infill slab between truss 1 and 2 (Tr=M2	0				1	 Complete 4F and 2F infill slab between truss 1 and 2 (Tr=M27),
MSB.09iii	Complete Data Centre, ICT, ELV and TBE Rooms ready for Ha	0				1	
MSB.12iii	Complete installation of DCS plant and equipment (Tr=M31)	0					
MSB.09i	Handover TX Rooms for CLP installation (Tr=M26)	0					Handover TX Rooms for CLP ins
	C - Public Works and Tunel Protection Works	Ŭ					
MSC.06	Complete Plant Rooms associated with the Underpass Road	0					
Cost Centre	J - RDE Building						
MSJ.01-2	1F Structure Complete to 100% (Tr=M23)	0					▶ 1F Structure Complete to 100% (Tr=M23),
MSJ.01a	4F Structure Complete (Tr=M28)	0					◆ 4F
M+							
SUM-1600	M+ Podium External Envelope (By Permasteelisa)	265	18-Nov-17				
SUM-1500	M+ Podium Glass Wall & Skylight (By RedLand, Permasteelis	232	21-Oct-17				
SUM-1100	M+ Podium Structure RC Works	204	20-Oct-17	03-Jul-18	Sep-16	5	
SUM-1400	M+ Podium Tower Facade Preliminaries	184	20-Oct-17	06-Jun-18	/lar-16		

April					Мау		
31	22	29	<u> </u>	06	32 13	20	27
18	22	28	,	00	13	20	21
:			1				
9-Mar-18							
1			-				
6-Mar-18							
1							
4-Feb-18							
			-				
			İ.				
the CA's sat	isfaction on l	Project	Time	& Construct	ion PMgt Do	c (t=M30),	
M31),							
						CLP Pov	ver-o
					♦ Com	plete 3F slab	
					♦ Com	plete Data C	ontr
•	loto installe t						
	lete installati		ics pia	init and equ	ipinient (Tr=N	(Apr 20	,τ <u>γ</u>)
nstallation (Ti	=IVI26),						
	Committee		0.0			lorners D-	1 /T
	 Complete 	riant R	ooms ¦	associated	with the Uno	erpass Road	a (11°
4F Structure	complete (Tr	=M28)	,				
1							
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	<u></u>						
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tivity ID	Activity Name	CMWP	CMWP -	CMWP Actual			Februar	y			Marc	ch				April				May	
		Dur.	R0.D8 Start	-R0.D8 / Finish [:] orecas 21		28 04	29	18	25	04	30	18	25	01	08	31	22	29	06	32	20
SUM-1700	M+ Tower External Envelope (By Permasteelisa)	368	20-Oct-17	16-Jan-19 Jan-17	!		!	1			!	!			1	!					· · · ·
SUM-1300	M+ Tower Structure RC Works	248	20-Oct-17	22-Aug-18 Jul-17								-			1 1			<u> </u>			
CSF & RDE	Construction																		;		
SUM-2200	CSF Building Facade Preliminaries	200	20-Oct-17	26-Jun-18 /lar-17						-	-	-									
SUM-2300	CSF External Envelope	255	20-Oct-17	30-Aug-18 un-17				-	1	1	1	1	1		1						
SUM-2100	CSF Super-Structure RC Works	146	20-Oct-17	20-Apr-18 /lar-17						!		-	!		!						
SUM-2500	RDE Building FACADE Preliminaries	78	20-Oct-17	23-Jan-18 Oct-16																i	
SUM-2600	RDE External Envelope	210	07-Apr-18	15-Dec-18 lun-18										-	1	i i		<u> </u>			<u>i</u> i
SUM-2400	RDE Super-Structure RC Works	281	20-Oct-17	02-Oct-18 /lar-17						<u>.</u>						· · · · ·		<u> </u>			<u> </u>
ABWF & Bu	uilding Services													-					;		
	ABWF & Building Services Installation	443	20-Oct-17	23-Apr-19 Apr-17					-						:			<u> </u>			
SUM-3000	Lifts and Escalators	309	22-Dec-17	09-Jan-19 /lar-18	-			-					1		1	 	1				<u> </u>
ICP & SPS																			;	1	
SUM-4200	External Works	134	20-Oct-17	06-Apr-18 Dec-16						1	1	1	1		1						
SUM-4100	ICP WORKS (Interfacing Car Park)	312	20-Oct-17	09-Nov-18 Oct-16											1		!				
SUM-4000	SPS WORKS (Sewerage Pumping Station)	43	20-Oct-17	11-Dec-17 Jul-16																	÷
Co-ordinate	ed External Works & Utilities Services Installation	1																	;	i	
SUM-5100	Construction	311	20-Oct-17	07-Nov-18 Jul-16	;		i		;	;		i	1								
SUM-5000	Interface Dates	497	20-Oct-17	27-Jun-19 Jan-15								· ·									

Lyric Theatre Complex

ivity ID 🛛 🛛 🗛	Activity Name		Start Date	Finish Date			2018				
					Feb	Mar	Apr	May			
1 Contract	for Lyric Theatre Complex (3MI				2	3	4	5			
	3 - Excavation and Lateral Support and Monitoring	(ELS) Stage 2									
	Construct AISO Office Extension		01-Mar-18	30-May-18							
Marine Trans			01-101-10	JU-INIAy-10				 			
	Set Up Barge Facility for Marine Transportation	2	06-Apr-18	04-May-18							
	for Platform & ELS Works)	1	00 Api 10	04 May 10							
	Drilling for King Posts - Rig 1 (31 nr)		08-Jan-18 A	28-Feb-18 A							
	Drilling for King Posts - Rig 2 (31 nr)		11-Jan-18 A	28-Feb-18 A							
	Drilling for King Posts - Rig 2 (30 nr)							 			
			15-Jan-18 A	28-Feb-18A				 			
	nstall King Posts & Grout (92 nr)		11-Jan-18 A	10-Mar-18				 			
Temporary St			00 May 40	10.1.1.10							
	Erect Decking of Temporary Steel Platform		08-May-18	19-Jul-18							
	nd ELS Works (Stage 2)			01 Mar 40*				 			
	PIW1 Complete Diversion of Existing KGO Co		00 May 40	31-Mar-18*							
	South Portion] Excavate to +3.0mPD & Install		08-May-18	12-Jun-18							
CB161300 [I	North Portion] Excavate to +3.0mPD & Install	1st Layer of Strut	26-May-18	05-Jul-18				1			
Remaining W	/ork Project ID: L13MRP-20180228		loon Cultural Distr								
Remaining W Critical Rema Actual Work		West Kow L1 Contract for Lyric Three Month Rolling Pro	Theatre Complex 8	& Extended B			Gam				

C. Action and Limit Levels for Construction Phase

Air Quality

The Action and Limit Levels for 1-hour and 24-hour TSP for the monitoring station are presented in following tables:

Table C-1: Action and Limit Levels for 1-hour TSP								
Monitoring	g Station	Action Level (mg/m ³)	Limit Level (mg/m ³)					
AM	1	273.7	500					
AM2	2A	274.2	500					

Table C-2: Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level (µg/m ³)	Limit Level (µg/m³)
AM1	143.6	260
AM2A	151.1	260

<u>Noise</u>

The Action and Limit Levels for Noise for the monitoring stations are presented in following table:

Table C-3: Action and Limit Levels for Construction Noise

Time Period & Monitoring Locations	Action Level	Limit Level
NM1A		
0700-1900 hours on normal weekdays	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)

D. Event and Action Plan for Air Quality, Noise, Landscape and Visual Impact

Air Quality

In case the Action and Limit Levels are not complied during construction stage, the following Event and Action Plan should be followed:

Table D-1: Event and Action Pla	lan for	Air Quality
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informed of the results.

Event	Action								
	ET	IEC	WKCDA	Contractor					
Action Level									
1. Exceedance for one sample	 Identify source, investigate the causes of exceedance and propose remedial measures; Inform IEC and WKCDA; Repeat measurement to confirm finding; Increase monitoring frequency to daily. 	 Check monitoring data submitted by ET; Check Contractor's working method. 	1. Notify Contractor	 Rectify any unacceptable practice; Amend working methods if appropriate. 					
2. Exceedance for two or more consecutive samples	 Identify source; Inform IEC and WKCDA; Advise the WKCDA on the effectiveness of the proposed remedial measures; Repeat measurements to confirm findings; Increase monitoring frequency to daily; Discuss with IEC and Contractor on remedial actions required; If exceedance continues, arrange meeting with IEC and WKCDA; If exceedance stops, cease additional monitoring. 	 Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ET on the effectiveness of the proposed remedial measures; Monitor the implementation of remedial measures. 		 Submit proposals for remedial to WKCDA within three working days of notification; Implement the agreed proposals; Amend proposal if appropriate. 					
Limit Level	monitoring.								
1. Exceedance for one sample	 Identify source, investigate the causes of exceedance and propose remedial measures; Inform WKCDA, Contractor and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA informed of the results 	 Check Contractor's working method; Discuss with ET and Contractor on possible premedial measures; Advise the WKCDA on the effectiveness of the proposed remedial 	notification of failure in writing;	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within three working days of notification; Implement the agreed proposals; Amend proposal if appropriate. 					

Event

Action

2. Exceedance for two or more consecutive samples	 Notify IEC, WKCDA, Contractor and EPD; Identify source; Repeat measurement to confirm findings; Increase monitoring frequency to daily; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Arrange meeting with IEC and WKCDA to discuss the remedial actions to be taken; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA informed of the results; If exceedance stops, cease additional monitoring. 	 Discuss amongst WKCDA, ET, and Contractor on the potentia remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCDA accordingly; Monitor the implementation of remedial measures 	notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree liwith the Contractor on the remedial measures to be implemented; 4. Ensure remedial	 action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the WKCDA until the exceedance is abated.

Construction Noise

In case the Action and Limit Levels are not complied during construction stage, the following Event and Action Plan should be followed:

Event	Action					
	ET	IEC	WKCDA	Contractor		
Action Level	 Notify WKCDA, IEC and Contractor; Carry out investigation; Report the results of investigation to the IEC, WKCDA and Contractor; Discuss with the IEC and Contractor on remedial measures required; Increase monitoring frequency to check mitigation effectiveness. 	investigation results	in writing;2. Notify Contractor;3. In consolidation with the IEC, agree with the Contractor	mitigation proposals to IEC and WKCDA;		
Limit Level	 Inform IEC, WKCDA, Contractor and EPD; Repeat measurements to confirm findings; Increase monitoring frequency; Identify source and investigate the cause of exceedance; Carry out analysis of Contractor's working procedures; Discuss with the IEC, Contractor and WKCDA on remedial measures required; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA informed of the results; If exceedance stops, cease additional monitoring. 	 Discuss amongst WKCDA, ET, and Contractor on the potentia remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCDA accordingly. 	 lin writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Supervise the implementation of remedial measures; If exceedance continues, consider stopping the Contractor to 	 action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and WKCDA within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the WKCDA until the exceedance is abated. 		

 Table D-2:
 Event and Action Plan for Construction Noise

Landscape and Visual Impact

In case of non-compliance of landscape and visual impacts, procedures in accordance with the Event and Action Plan should be followed:

Event	Action					
	ET	IEC	WKCDA	Contractor		
Design Check	1. Design check to make sure the design complies with all the proposed mitigation measures in the EIA report;	 Check report submitted by ET; Recommend remedial design if necessary. 	1. Undertake remedial design if necessary.	-		
	2. Prepare and submit report.					
Non-conformity on one occasion	1. Identify source of non- conformity;	1. Check and verify source of non-conformity;	 Notify Contractor; Ensure remedial 	1. Amend working method as necessary;		
	2. Report to IEC and WKCDA;	2. Discuss remedial actions with ET and	actions are properly implemented.	2. Rectify damage and undertake necessary		
	3. Discuss remedial actions with IEC, WKCDA and Contractor;	effectiveness of proposed		replacement and remedial actions.		
	4. Monitor remedial actions until rectification has been completed.	remedial actions; 4. Check implementation of remedial actions.				
Repeated non conformity	 2. Report to IEC and WKCDA; 3. Increase monitoring frequency; 4. Discuss remedial actions with IEC, WKCDA 4. Discuss remedial actions with IEC, WKCDA 5. Monitor remedial actions; 5. Monitor remedial actions; 5. Monitor remedial actions; 5. Supervise implementation of 	1. Check and verify source of non-conformity;	actions are properly 2. Rec implemented. under replac remed	1. Amend working method as necessary;		
				2. Rectify damage and undertake necessary		
				replacement and remedial actions.		
		4. Advise WKCDA on effectiveness of proposed				
		5. Supervise implementation of				
	6. If non-conformity rectified, reduce monitoring frequency back to normal.	remedial actions.				

E. Monitoring Schedule

FEBRUARY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		3
4	5	6	7 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		9	10
11	12	13 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		15 AM1, AM2A - 24hrTSP, 1hr TSP x3	16	17
18	19	20	21 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		23	24
25	26 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		28			
		AM2A - Austin Road V	ommerce Centre (ICC) West (Opposite to The Commerce Centre (ICC	Harbourside)		

MARCH 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
						AM1, AM2A - 24hrTSP, 1hr TSP x3
4	5	6	7	8	9 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	
11	12	13	14	15 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		17
18	19	20	21 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		23	24
25	26	27 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		29 AM1, AM2A - 24hrTSP, 1hr TSP x3	30	31
		AM2A - Austin Road	ommerce Centre (ICC) West (Opposite to The Commerce Centre (ICC	Harbourside)		

F. Calibration Certifications

29

High-Volume TSP Sampler 5-Point Calibration Record

Location Calibrated by Date	: : :	AM1(ICC) K.T.Ho 12/12/2017
Sampler		
Model	:	TE-5170
Serial Number	:	S/N 0767
Calibration Orifice and Standa Serial Number Service Date Slope (m) Intercept (b) Correlation Coefficient(r)	rd Calibra : : : :	tion Relationship 2454 20 Mar 2017 2.08464 -0.03684 0.99994
Standard Condition		
Pstd (hpa)	:	1013
Tstd (K)	:	298.18
Calibration Condition Pa (hpa)	:	1018

:

Resi	stance Plate	dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	11.4	3.413	1.655	58	58.64
2	13 holes	8.8	2.999	1.456	48	48.53
3	10 holes	6.6	2.597	1.264	40	40.44
4	7 holes	4.6	2.168	1.058	30	30.33
5	5 holes	2.8	1.692	0.829	18	18.20

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b, Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):<u>48.372</u>

Ta(K)

Intercept(b): <u>-21.355</u>

293

Correlation Coefficient(r): 0.9993

Checked by:

Magnum Fan

Date: 14/12/2017

High-Volume TSP Sampler 5-Point Calibration Record Location AM1(ICC) : Calibrated by K.T.Ho : Date : 12/02/2018 Sampler Model TE-5170 : Serial Number : S/N 0767 Calibration Orifice and Standard Calibration Relationship Serial Number 2454 : Service Date 20 Mar 2017 : Slope (m) 2.08464 : Intercept (b) -0.03684 : Correlation Coefficient(r) 0.99994 : Standard Condition Pstd (hpa) : 1013 Tstd (K) 298.18 : Calibration Condition Pa (hpa) 1022 : Ta(K) 290 :

Resi	istance Plate	dH [green liquid]	Ζ	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	11.2	3.408	1.652	58	59.06
2	13 holes	8.2	2.916	1.416	50	50.91
3	10 holes	6.2	2.535	1.234	42	42.76
4	7 holes	4.4	2.136	1.042	34	34.62
5	5 holes	2.6	1.642	0.805	22	22.40

 $Notes: Z=SQRT\{dH(Pa/Pstd)(Tstd/Ta)\}, X=Z/m-b, Y(Corrected Flow)=IC*\{SQRT(Pa/Pstd)(Tstd/Ta)\}$

Sampler Calibration Relationship

Slope(m):43.329

Intercept(b): -11.344

Correlation Coefficient(r): 0.9972

Checked by:

Magnum Fan

Date: 13/02/2018

High-Volume TSP Sampler 5-Point Calibration Record

Location	:	AM2A (Harbourside)
Calibrated by	:	K.T.Ho
Date	:	12/12/2017
<u>Sampler</u> Model Serial Number	:	TE-5170 S/N 8919

Calibration Orifice and Standard Calibration Relationship

Serial Number	:	2454
Service Date	:	20 Mar 2017
Slope (m)	:	2.08464
Intercept (b)	:	-0.03684
Correlation Coefficient(r)	:	0.99994

Standard Condition		
Pstd (hpa)	:	1013
Tstd (K)	:	298.18
Calibration Condition	-	
Pa (hpa)	:	1018
Ta(K)	:	293

Resi	stance Plate	dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.6	3.589	1.739	62	62.68
2	13 holes	9.4	3.100	1.505	50	50.55
3	10 holes	7.2	2.713	1.319	42	42.46
4	7 holes	4.6	2.168	1.058	32	32.35
5	5 holes	3.0	1.751	0.858	24	24.26

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b, Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):<u>42.986</u> Intercept(b):-13.233

Correlation Coefficient(r): 0.9980

Checked by: ______ Magnum Fan

Date: 14/12/2017

	<u>High-Volume TSP Sampler</u> 5-Point Calibration Record	
Location	:	AM2A (Harbourside)
Calibrated by	:	K.T.Ho
Date	:	12/02/2018
<u>Sampler</u> Model Serial Number	:	TE-5170 S/N 8919

Calibration Orifice and Standar	d Calibra	tion Relationship
Serial Number	:	2454
Service Date	:	20 Mar 2017
Slope (m)	:	2.08464
Intercept (b)	:	-0.03684
Correlation Coefficient(r)	:	0.99994

Standard Condition		
Pstd (hpa)	:	1013
Tstd (K)	:	298.18
Calibration Condition		
Pa (hpa)	:	1022
Ta(K)	:	290

Resi	stance Plate	dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	11.4	3.438	1.667	62	63.13
2	13 holes	9.0	3.055	1.483	56	57.02
3	10 holes	6.4	2.576	1.253	48	48.87
4	7 holes	4.2	2.087	1.019	36	36.65
5	5 holes	2.2	1.510	0.742	26	26.47

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b, Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):40.581

Intercept(b):-3.598

Correlation Coefficient(r): 0.9973

Checked by: Magnum Fan 5

Date: 13/02/2018



TISCH ENVIRONMENTAL, INC. 145 SOUTH MIAMI AVE VILLAGE OF CLEVES, OH 45002 513.467.9000 877.263.7610 TOLL FREE 513.467.9009 FAX

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Ma Operator		' Rootsmeter Orifice I.I		438320 2454	Ta (K) - Pa (mm) -	293 - 759.46
					METER	ORFICE
PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	DIFF Hg (mm)	DIFF H2O (in.)
1 2 3 4 5	NA NA NA NA	NA NA NA NA NA	1.00 1.00 1.00 1.00 1.00	1.4390 1.0240 0.9170 0.8730 0.7200	3.2 6.4 7.9 8.8 12.8	2.00 4.00 5.00 5.50 8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0120 1.0078 1.0057 1.0045 0.9992	0.7033 0.9842 1.0967 1.1507 1.3878	$ \begin{array}{r} 1.4257\\2.0163\\2.2543\\2.3643\\2.8514\end{array} $		0.9958 0.9916 0.9895 0.9884 0.9831	0.6920 0.9683 1.0791 1.1322 1.3654	0.8784 1.2423 1.3889 1.4567 1.7568
Qstd slop intercept coefficie	t (b) =	2.08464 -0.03684 0.99994		Qa slope intercept coefficie	t (b) =	1.30537 -0.02270 0.99994
y axis =	SQRT [H20 (1	Pa/760) (298/5	[[a)]	y axis =	SQRT [H20 (7	[a/Pa)]

CALCULATIONS

Vstd = Diff. Vol[(Pa-Diff. Hg)/760](298/Ta) Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa] Qa = Va/Time

For subsequent flow rate calculations:

Qstd = $1/m\{ [SQRT(H2O(Pa/760)(298/Ta))] - b \}$ Qa = $1/m\{ [SQRT(H2O(Ta/Pa)] - b \}$



SIBATA SCIENTIFIC TECHNOLOGY LTD.

1-1-62, Nakane, Soka, Saitama, 340-0005 Japan TEL:048-933-1582 FAX:048-933-1591

CALIBRATION CERTIFICATE

Date: July 27, 2017

Equipment Name	:	Digital Dust Indicator, Model LD-3B
Code No.	:	080000-42
Quantity		1 unit
Serial No.	:	245833
Sensitivity	:	0.001 mg/m3
Sensitivity Adjustment	:	711CPM
Scale Setting	;	Jul 25, 2017

We hereby certify that the avobe mentioned instrment has been calibrated satisfactory.

Sincerely

SIBATA SCIENTIFIC TECHNOLOGY LTD.

Thang long

Tong Zhang Overseas Sales Division



Approved Signatory

REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO. PROJECT NAME DATE OF ISSUE	: HK1710682 : PERFORMANCE CHECK / CALIBRATION OF DUST METER : 21/8/2017
CUSTOMER ADDRESS	: Envirotech Services Company : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.
REPORT NO.	: HK1710682
PROJECT ITEM NO.	: HK1710682-01
PERFORMANCE CHECK / CALIBRATED EQUIP	MENT
TYPE	: Digital Dust Indicator
MANUFACTURER	: SIBATA
MODEL NO.	: LD-3B
SERIAL NO.	: 245833
EQUIPMENT NO.	
RECEIPT DATE	: 18/8/2017
PERFORMANCE CHECK / CALIBRATION DATE	: 18/8/2017
DEDEODMANICE OUEOK (OALIDDATIONIL (

PERFORMANCE CHECK / CALIBRATION Information

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

 Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.

 2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Wong Po Yan Pauline (Assistant Laboratory Manager)

:

Issue Date:

21/8/2017

.



REPORT OF PERFORMANCE CHECK / CALIBRATION

PROJECT NAME DATE OF ISSUE	:	PERFORMANCE CHECK / CALIBRATION OF DUST METER 21/8/2017
REPORT NO.	:	HK1710682
PERFORMANCE CHECK / CALIBRATED EQUIPM	ENT	
TYPE	:	Digital Dust Indicator
MANUFACTURER	:	SIBATA
MODEL NO.	:	LD-3B
SERIAL NO.	:	245833
EQUIPMENT NO.	:	
SENSITIVITY ADJUSTMENT	:	
PERFORMANCE CHECK / CALIBRATION DATE	:	18/8/2017
STANDARD EQUIPMENT	:	
TYPE	:	HIGH VOLUME AIR SAMPLER
MANUFACTURER	:	TISCH
MODEL NO.	:	TE-5170
EQUIPMENT REF NO.	:	PTL_HV002
LAST CALIBRATION DATE	:	31/7/2017

EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): Sensitivity Adjustment Scale Setting (After Performance check / Calibration):

				Concentration in ug/m ³	Total	Concentration in Count/Minute ³	
Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	(Standard equipment)	Count ²	(Performance Check / Calibrated equipment)	
				(Y - Axis)	(Performance Check / Calibrated equipment)	(X - Axis)	
Zero Check ¹	18/8/2017,1:15:00 PM	30.4	1010	- 0	0	0	
1	18/8/2017,2:19:00 PM	30.4	1010	23	1327	22	
2	18/8/2017,3:24:00 PM	30.4	1010	28	1434	24	
3	18/8/2017,4:29:00 PM	30.4	1010	13	674	11	

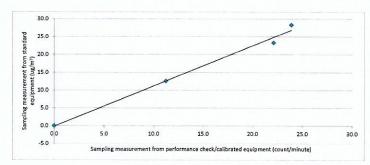
1.1

712

CPM

712 CPM

Linear Regression of Y on X Slope (K- factor) Correlation Coefficient Validity of Performance Check / Calibration Record 0.9953 18/8/2018



Notes: 1.

Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.

- 2. Total Count was measured by Digital Dust Indicator.
- 3. Count/minute was calcuated by (Total Count/60)

4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.

5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator:	Lau, Natalie	Signature:	patie	Date:	18/8/2017
Checked by:	Wong Po Yan, Pauline	Signature:	Dont-f.	Date:	21/8/2017



SIBATA SCIENTIFIC TECHNOLOGY LTD.

1-1-62, Nakane, Soka, Saitama, 340-0005 Japan TEL: 048-933-1582 FAX: 048-933-1591

CALIBRATION CERTIFICATE

Date: July 27, 2017

Equipment Name	:	Digital Dust Indicator, Model LD-3B
Code No.	:	080000-42
Quantity	• **	1 unit
Serial No.	:	276015
Sensitivity	:	0.001 mg/m3
Sensitivity Adjustment	:	721CPM
Scale Setting	:	Jul 6, 2017

We hereby certify that the avobe mentioned instrment has been calibrated satisfactory.

Sincerely

SIBATA SCIENTIFIC TECHNOLOGY LTD.

Tong Zhang

Tong Zhang Overseas Sales Division



REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO. PROJECT NAME DATE OF ISSUE	: HK1710683 : PERFORMANCE CHECK / CALIBRATION OF DUST METER : 21/8/2017
CUSTOMER	: Envirotech Services Company
ADDRESS	: Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.
REPORT NO.	: HK1710683
PROJECT ITEM NO.	HK1710683-01
PERFORMANCE CHECK / CALIBRATED EQUIP	
TYPE	: Digital Dust Indicator
MANUFACTURER	SIBATA
MODEL NO.	LD-3B
SERIAL NO.	: 276015
EQUIPMENT NO.	
RECEIPT DATE	18/8/2017
PERFORMANCE CHECK / CALIBRATION DATE	: 18/8/2017
PERFORMANCE CHECK / CALIBRATION Inform	nation

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

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 2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory

Wong Po Yan Pauline (Assistant Laboratory Manager)

:

Issue Date:

21/8/2017

Room B12 Block B 5/E Topic Industrial Control 10 Lam Hing Street Kowleas Bay Kowle

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REPORT OF PERFORMANCE CHECK / CALIBRA PROJECT NAME DATE OF ISSUE REPORT NO.	TION : PERFORMANCE CHECK / CALIBRATION OF DUST METER : 21/8/2017 : HK1710683
PERFORMANCE CHECK / CALIBRATED EQUIPM	ENT
TYPE	: Digital Dust Indicator
MANUFACTURER	: SIBATA
MODEL NO.	: LD-3B
SERIAL NO.	: 276015
EQUIPMENT NO.	
SENSITIVITY ADJUSTMENT	
PERFORMANCE CHECK / CALIBRATION DATE	: 18/8/2017
STANDARD EQUIPMENT	
TYPE	: HIGH VOLUME AIR SAMPLER
MANUFACTURER	: TISCH
MODEL NO.	: TE-5170
EQUIPMENT REF NO.	: PTL_HV002
LAST CALIBRATION DATE	: 31/7/2017

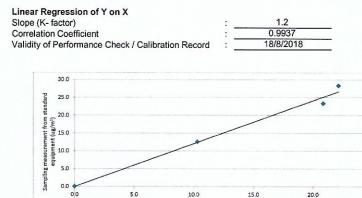
EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): Sensitivity Adjustment Scale Setting (After Performance check / Calibration):

			Mean Pressure (hPa)	Concentration in ug/m ³	Total	Concentration in Count/Minute ³	
Trial no. in 1-hr period	lime			(Standard equipment)	Count ²	(Performance Check / Calibrated equipment)	
				(Y - Axis)	(Performance Check / Calibrated equipment)	(X - Axis)	
Zero Check1	18/8/2017,1:15:00 PM	30.4	1010	~ 0	0	0	
1	18/8/2017,2:19:00 PM	30.4	1010	23	1252	21	
2	18/8/2017,3:24:00 PM	30.4	1010	28	1329	22	
3	18/8/2017,4:29:00 PM	30.4	1010	13	618	10	

721

СРМ 721 CPM



Notes: 1.

-5.0

Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.

Sampling measurement from performance check/calibrated equipment (count/minute)

- 2. Total Count was measured by Digital Dust Indicator.
- 3. Count/minute was calcuated by (Total Count/60)

4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.

5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator:	Lau, Natalie	Signature:	Potreie	Date:	18/8/2017
Checked by:	Wong Po Yan, Pauline	Signature:	DMtf	Date:	21/8/2017

25.0

20.0



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C174093 證書編號

ITEM TESTED / 送檢項目	(Job No. / 序引編號: IC17-1613) Date of Receipt / 收件日期: 11 J	July 2017
Description / 儀器名稱 :	Precision Integrating Sound Level Meter	
Manufacturer / 製造商 :	Rion	
Model No. / 型號 :	NL-18	
Serial No. / 編號 :	00360030	
Supplied By / 委託者 :	Envirotech Services Co.	
	Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,	
	New Territories, Hong Kong	

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Line Voltage / 電壓 : --- Relative Humidity / 相對濕度 : (55±20)%

TEST SPECIFICATIONS / 測試規範

Calibration

DATE OF TEST / 測試日期 : 22 July 2017

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only. The results do not exceed manufacturer's specification. (after adjustment) The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試	: HT Wong Technical Officer		•
Certified By 核證	: K C Lee Engineer	Date of Issue : 簽發日期	24 July 2017

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部被印本證書孟先獲本實驗所書面批准。

Sun Creation Engineering Limited Calibration & Testing Laboratory co4F, Tsing Shan Wan Exchange Building, I Hing On Lane, Tuen Mun, New Territorics, Hong Kong 輝創工程有限公司 板止及檢測實驗所 co香港新昇屯門興安里一號青山灣機樓四樓 Tel 電話: 2927 2606 Fax,傳真: 2744 8986 E-mail 電郵: callab a suncreation.com Website 網址: www.suncreation.com



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C174093 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- 2. Self-calibration using the internal standard (After Adjustment) was performed before the test from 6.1.1.2 to 6.4.
- 3. The results presented are the mean of 3 measurements at each calibration point.
- 4. Test equipment :

Equipment ID CL280 CL281

<u>Description</u> 40 MHz Arbitrary Waveform Generator Multifunction Acoustic Calibrator Certificate No. C170048 PA160023

- 5. Test procedure : MA101N.
- 6. Results :
- 6.1 Sound Pressure Level
- 6.1.1 Reference Sound Pressure Level
- 6.1.1.1 Before Adjustment

	UU	JT Setting		Applie	d Value	UUT	IEC 60651 Type 1
Range	Mode	Frequency	Time	Level	Freq.	Reading	Spec.
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)
50 - 110	LA	A	Fast	94.00	1	* 92.9	± 0.7

* Out of IEC 60651 Type 1 Spec.

6.1.1.2 After Adjustment

Charles E.	UUT Setting			Applie	d Value	UUT	IEC 60651 Type 1	
Range	Mode	Frequency	Time	Level	Freq.	Reading	Spec.	
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)	
50 - 110	LA	Α	Fast	94.00	1	94.1	± 0.7	

6.1.2 Linearity

	UUT Setting				Applied Value		
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)	
60 - 120	LA	A	Fast	94.00	1	94.1 (Ref.	
				104.00		104.1	
				114.00		114.1	

IEC 60651 Type 1 Spec. : \pm 0.4 dB per 10 dB step and \pm 0.7 dB for overall different.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C174093 證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

	UUT Setting			Applie	d Value	UUT	IEC 60651 Type 1	
Range (dB)	Mode	Frequency	Time	Level	Freq.	Reading	Spec.	
50 - 110	LA	Weighting A	Weighting Fast	(dB) 94.00	(kHz) 1	(dB) 94.1	(dB) Ref.	
			Slow			94.0	± 0.1	

6.2.2 Tone Burst Signal (2 kHz)

	UU'	T Setting		. Appl	lied Value	UUT	IEC 60651 Type 1
Range	Mode	Frequency	Time	Level	Burst	Reading	Spec.
(dB)		Weighting	Weighting	(dB)	Duration	(dB)	(dB)
50 -110	LA	A	Fast	106.00	Continuous	106.0	Ref.
	LAmx				200 ms	105.1	-1.0 ± 1.0
	LA		Slow		Continuous	106.0	Ref.
	LAmx				500 ms	102.4	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

	UUT Setting			Applied Value		UUT	IEC 60651 Type 1
Range	Mode	Frequency	Time	Level	Freq.	Reading	Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
50 - 110	LA	A	Fast	94.00	31.5 Hz	54.5	-39.4 ± 1.5
					63 Hz	67.7	-26.2 ± 1.5
					125 Hz	77.7	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.7	-3.2 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	95.4	$+1.2 \pm 1.0$
	•				4 kHz	95.1	$+1.0 \pm 1.0$
					8 kHz	93.0	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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Certificate No. : C174093 證書編號

6.3.2 C-Weighting

	UU	T Setting		Applied Value		UUT	IEC 60651 Type 1
Range	Mode	Frequency	Time	Level	Freq.	Reading	Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
50 - 110	LC	С	Fast	94.00	31.5 Hz	90.9	-3.0 ± 1.5
					63 Hz	93.2	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.0
					250 Hz	94.1	0.0 ± 1.0
					500 Hz	94.2	0.0 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	94.0	-0.2 ± 1.0
					4 kHz	93.3	-0.8 ± 1.0
					8 kHz	91.1	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.8	-6.2 (+3.0 ; -6.0)

6.4

Time Averaging

	ບບ	T Setting		Applied Value					UUT	IEC 60804
Range (dB)	Mode	Frequency Weighting	Integrating Time	Freq. (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)	Reading (dB)	Type 1 Spec. (dB)
50 - 110	LAeq	А	10 sec.	4	1	1/10	110	100	100.1	± 0.5
						1/10 ²		90	90.1	± 0.5
			60 sec.			1/10 ³		80	79.5	± 1.0
			5 min.			1/104		70	69.8	± 1.0

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Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C174093 證書編號

Remarks : - UUT Microphone Model No. : UC-53A & S/N : 307435

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

94 dB	: 31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
Burst ec	uivalent level	$\pm 0.2 \text{ dB}$ (Ref. 110 dB continuous sound level)
	104 dB 114 dB	2 kHz - 4 kHz 8 kHz

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C171447 證書編號

	ITEM TESTED / 送檢項目	(Job No. / 序引編號: IC17-0633) Date of Receipt / 收件日期: 16 March 2017	
	Description / 儀器名稱 :	Sound Level Calibrator	
	Manufacturer / 製造商 :	Rion	
	Model No. / 型號 :	NC-73	
	Serial No. / 編號 :	10486660	
	Supplied By / 委託者 :	Envirotech Services Co.	
		Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,	
		New Territories, Hong Kong	
-			
	TEST CONDITIONS / 測詞	式條件 " " " " " " " " " " " " " " " " " " "	
	Temperature / 溫度 : (2	3 ± 2)°C Relative Humidity / 相對濕度 : (55 ± 20)%	
	Line Voltage / 電壓 :		

TEST SPECIFICATIONS / 測試規範

Calibration check

Certified By

核證

DATE OF TEST / 測試日期 : 17 March 2017

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only. The results do not exceed manufacturer's specification. The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試	:	month.	
測試		H T Wong	
		Technical Officer	
		~	

Project Engineer The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior

Date of Issue

簽發日期

:

written approval of this laboratory. 本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited – Calibration & Testing Laboratory c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 – 校正及檢測實驗所 c/o 香港新界屯門興安里一號青山灣機樓四樓 Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab/@suncreation.com Website/網址: www.suncreation.com

K C Lee

23 March 2017



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C171447 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 3 measurements at each calibration point.
- 3. Test equipment :

Equipment ID CL130 CL281 TST150A

<u>Description</u> Universal Counter Multifunction Acoustic Calibrator Measuring Amplifier <u>Certificate No.</u> C163709 PA160023 C161175

- 4. Test procedure : MA100N.
- 5. Results :
- 5.1 Sound Level Accuracy

UUT	Measured Value	Mfr's Spec.	Uncertainty of Measured Value
Nominal Value	(dB)	(dB)	(dB)
94 dB, 1 kHz	93.6	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value	Measured Value	Mfr's	Uncertainty of Measured Value
(kHz)	(kHz)	Spec.	(Hz)
1	0.987	1 kHz ± 2 %	± 1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

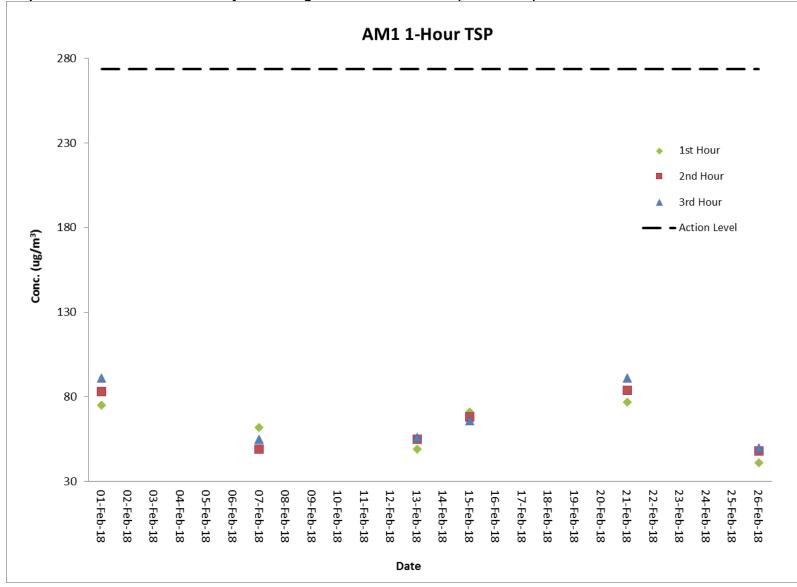
The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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G. Graphical Plots of the Monitoring Results

				Conc. (µg/m3	Action	Limit	
	Weather					Level	Level
Date	Condition	Time	1st Hour	2nd Hour	3rd Hour	(µg/m3)	(µg/m3)
01-Feb-18	Cloudy	10:50 - 16:00	75	83	91	273.7	500
07-Feb-18	Cloudy	10:52 - 16:00	62	49	55	273.7	500
13-Feb-18	Sunny	10:47 - 16:00	49	55	56	273.7	500
15-Feb-18	Cloudy	7:50 - 10:50	71	68	66	273.7	500
21-Feb-18	Cloudy	10:52 - 16:00	77	84	91	273.7	500
26-Feb-18	Cloudy	10:32 - 16:00	41	48	50	273.7	500

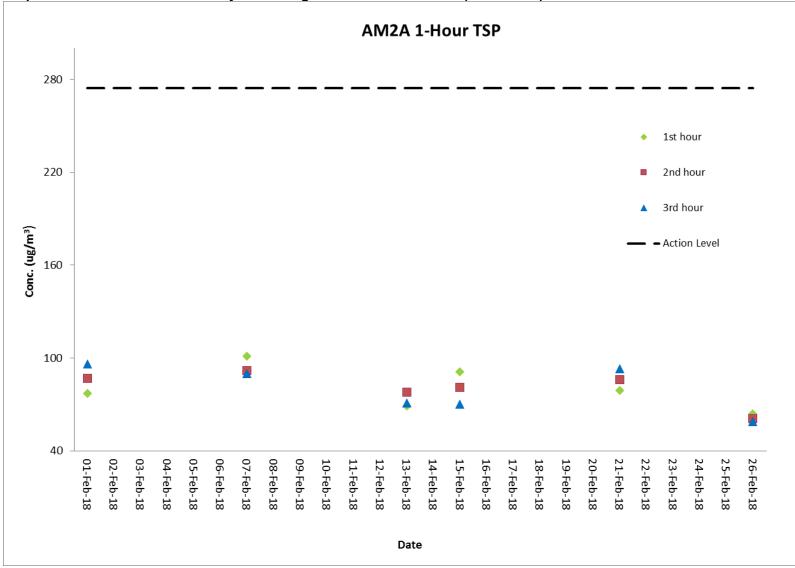
Air Quality Monitoring Result at Station AM1 (1-hour TSP)



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

				Conc. (µg/m3	Action	Limit	
	Weather		-		-	Level	Level
Date	Condition	Time	1st Hour	2nd Hour	3rd Hour	(µg/m3)	(µg/m3)
01-Feb-18	Cloudy	11:02 - 16:10	77	87	96	274.2	500
07-Feb-18	Cloudy	11:04 - 16:10	101	92	90	274.2	500
13-Feb-18	Sunny	11:02 - 16:10	69	78	71	274.2	500
15-Feb-18	Cloudy	8:02 - 11:02	91	81	70	274.2	500
21-Feb-18	Cloudy	11:04 - 16:10	79	86	93	274.2	500
26-Feb-18	Cloudy	10:46 - 16:10	64	61	59	274.2	500

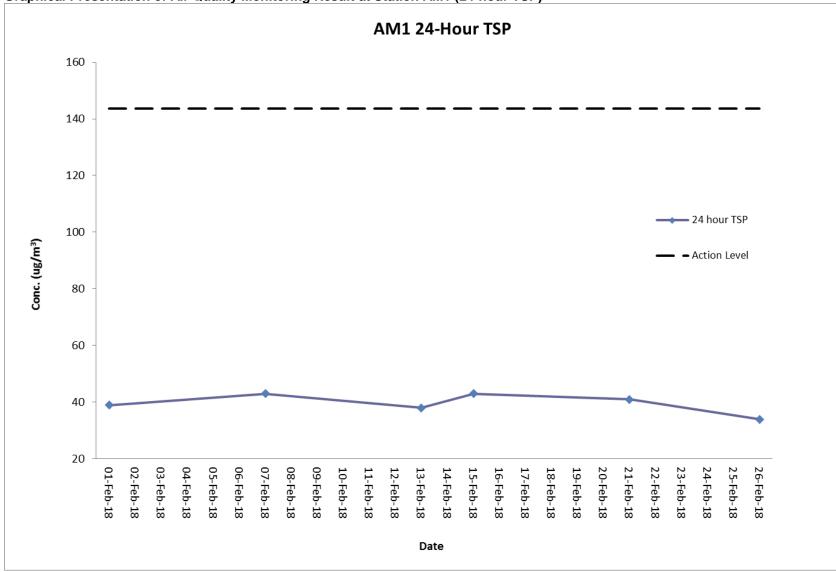
Air Quality Monitoring Result at Station AM2A (1-hour TSP)



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

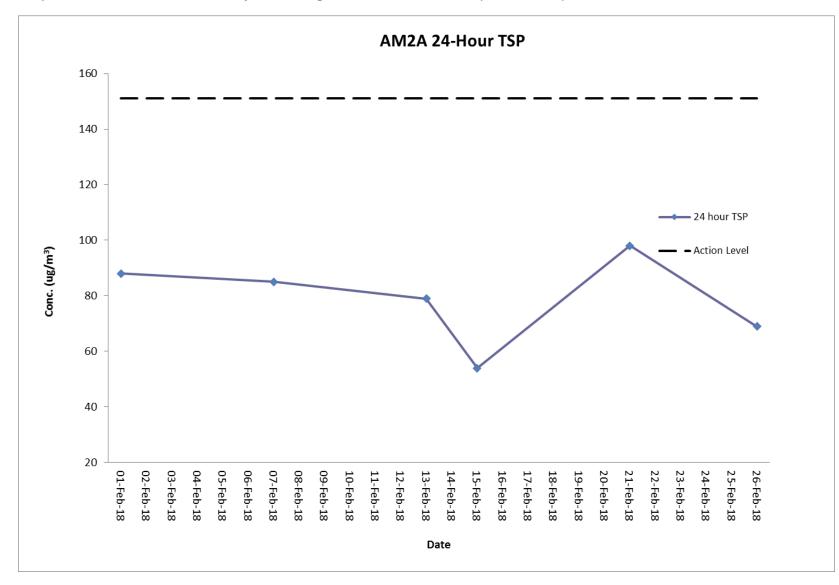
Start	:	Finisł	า		Neight g)	•	d Time ding	Sampling	Flow Rate (m ³ /min)		Flow Rate (m ³ /min)		Flow Rate (m ³ /min)		Flow Rate (m ³ /min)		Weather	Action	Limit
Date	Time	Date	Time	Initial	Final	Initial	Final	Time (hrs)	Initial	Final	Average	(µg/m ³)	Condition	Level	Level				
01-Feb-18	14:40	02-Feb-18	14:40	2.7545	2.8249	22176.38	22200.38	24	1.26	1.26	1.26	39	Fine	143.6	260				
07-Feb-18	10:50	08-Feb-18	10:50	2.7289	2.8064	22200.38	22224.38	24	1.26	1.26	1.26	43	Cloudy	143.6	260				
13-Feb-18	10:45	14-Feb-18	10:45	2.7514	2.8185	22224.38	22248.38	24	1.23	1.23	1.23	38	Sunny	143.6	260				
15-Feb-18	07:48	16-Feb-18	07:48	2.7318	2.8087	22248.38	22272.38	24	1.23	1.23	1.23	43	Cloudy	143.6	260				
21-Feb-18	10:50	22-Feb-18	10:50	2.7582	2.8307	22272.38	22296.38	24	1.23	1.23	1.23	41	Cloudy	143.6	260				
26-Feb-18	10:30	27-Feb-18	10:30	2.7773	2.8372	22296.38	22320.38	24	1.23	1.23	1.23	34	Cloudy	143.6	260				

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



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

Start	:	Finisl	า		Neight g)	•	d Time ding	Sampling	Flow Rate (m3/min)		Flow Rate (m3/min)		Flow Rate (m3/min)		Weather	Action	Limit
Date	Time	Date	Time	Initial	Final	Initial	Final	Time (hrs)	Initial	Final	Average	(µg/m3)	Condition	Level	Level		
01-Feb-18	11:00	02-Feb-18	11:00	2.7312	2.8880	17831.59	17855.59	24	1.24	1.24	1.24	88	Fine	151.1	260		
07-Feb-18	11:02	08-Feb-18	11:02	2.7572	2.9097	17855.59	17879.59	24	1.24	1.24	1.24	85	Cloudy	151.1	260		
13-Feb-18	11:00	14-Feb-18	11:00	2.7691	2.9077	17879.59	17903.59	24	1.22	1.22	1.22	79	Sunny	151.1	260		
15-Feb-18	08:00	16-Feb-18	08:00	2.7573	2.8522	17903.59	17927.59	24	1.22	1.22	1.22	54	Cloudy	151.1	260		
21-Feb-18	11:02	22-Feb-18	11:02	2.7222	2.8938	17927.59	17951.59	24	1.22	1.22	1.22	98	Cloudy	151.1	260		
26-Feb-18	10:44	27-Feb-18	10:44	2.7440	2.8645	17951.59	17975.59	24	1.22	1.22	1.22	69	Cloudy	151.1	260		



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

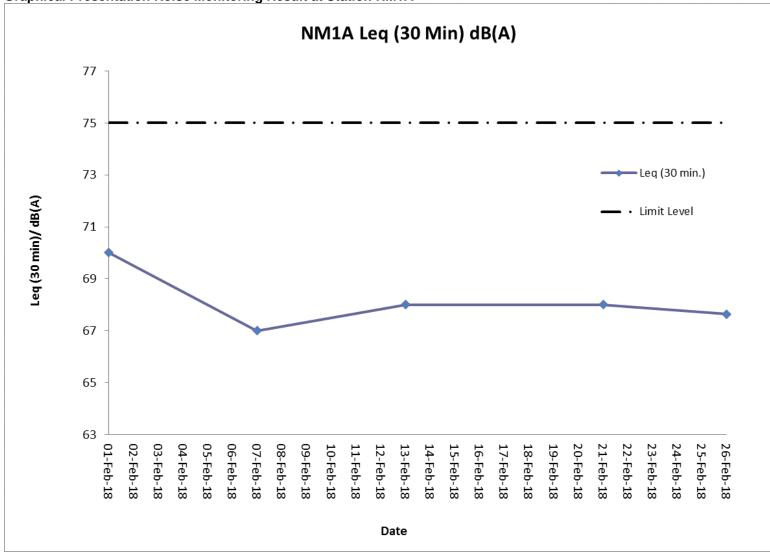
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
01-Feb-18	14:00	68.0	62.7	
01-Feb-18	14:05	69.3	63.9	
01-Feb-18	14:10	69.7	63.8	70
01-Feb-18	14:15	68.8	62.7	70
01-Feb-18	14:20	67.5	62.4	
01-Feb-18	14:25	68.4	63.0	
07-Feb-18	14:00	66.0	61.1	
07-Feb-18	14:05	66.4	62.0	
07-Feb-18	14:10	67.1	63.0	C7
07-Feb-18	14:15	66.8	62.7	67
07-Feb-18	14:20	65.9	61.9	
07-Feb-18	14:25	66.7	62.2	
13-Feb-18	14:00	65.9	61.7	
13-Feb-18	14:05	66.0	62.4	
13-Feb-18	14:10	66.7	62.2	C Q
13-Feb-18	14:15	67.4	63.0	68
13-Feb-18	14:20	66.9	62.8	
13-Feb-18	14:25	67.2	63.7	
21-Feb-18	14:00	66.7	62.3	
21-Feb-18	14:05	68.0	63.9	
21-Feb-18	14:10	67.7	63.0	C Q
21-Feb-18	14:15	66.5	62.4	68
21-Feb-18	14:20	67.4	63.7	
21-Feb-18	14:25	67.4	63.5	
26-Feb-18	14:00	66.5	62.7	
26-Feb-18	14:05	67.7	63.9	
26-Feb-18	14:10	66.5	62.8	69
26-Feb-18	14:15	66.4	62.0	68
26-Feb-18	14:20	65.9	61.7	
26-Feb-18	14:25	66.0	62.4	

Remarks:

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

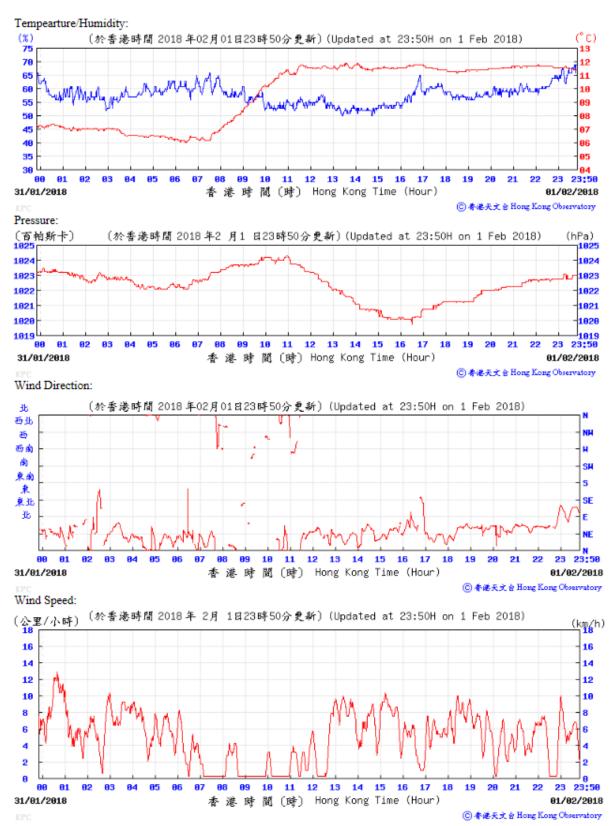


The station set-up of a free-field measurement at Station NM1A.

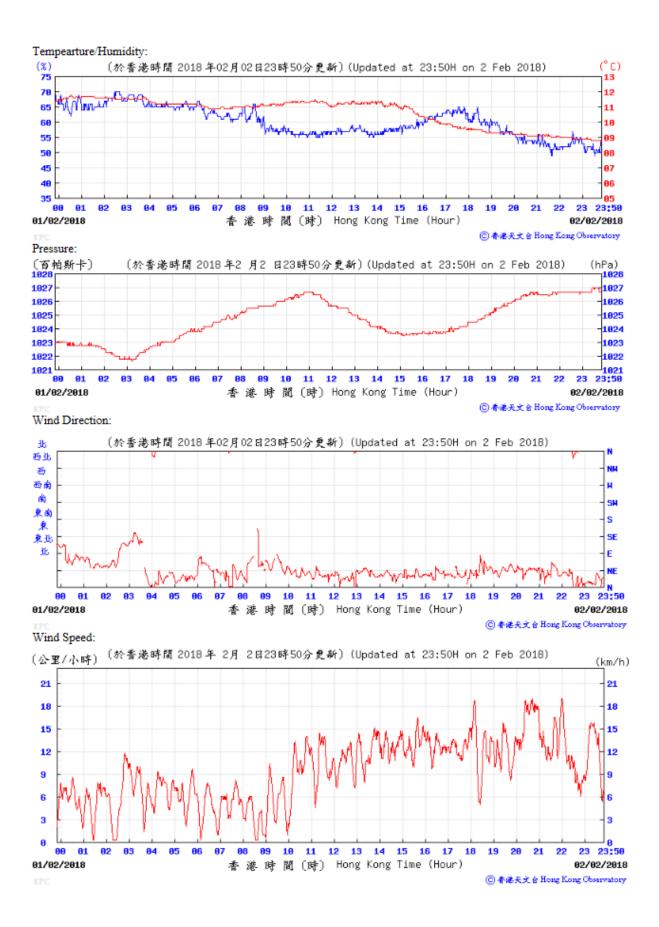


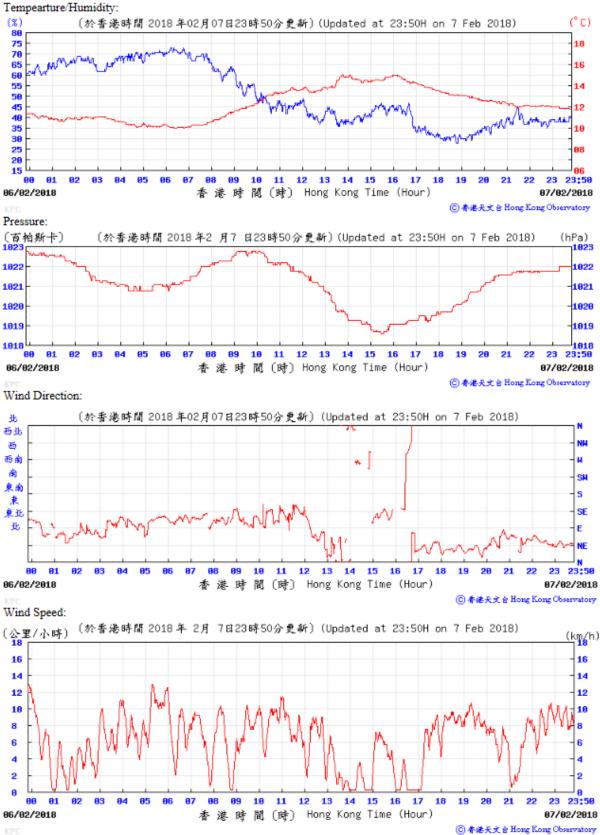
Graphical Presentation Noise Monitoring Result at Station NM1A

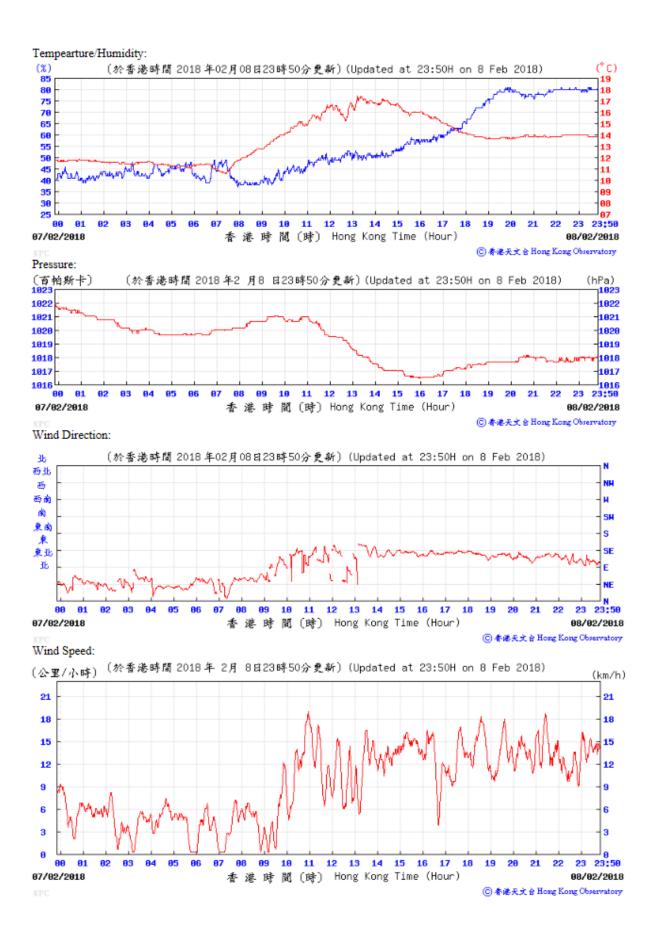
H. Meteorological Data Extracted from Hong Kong Observatory

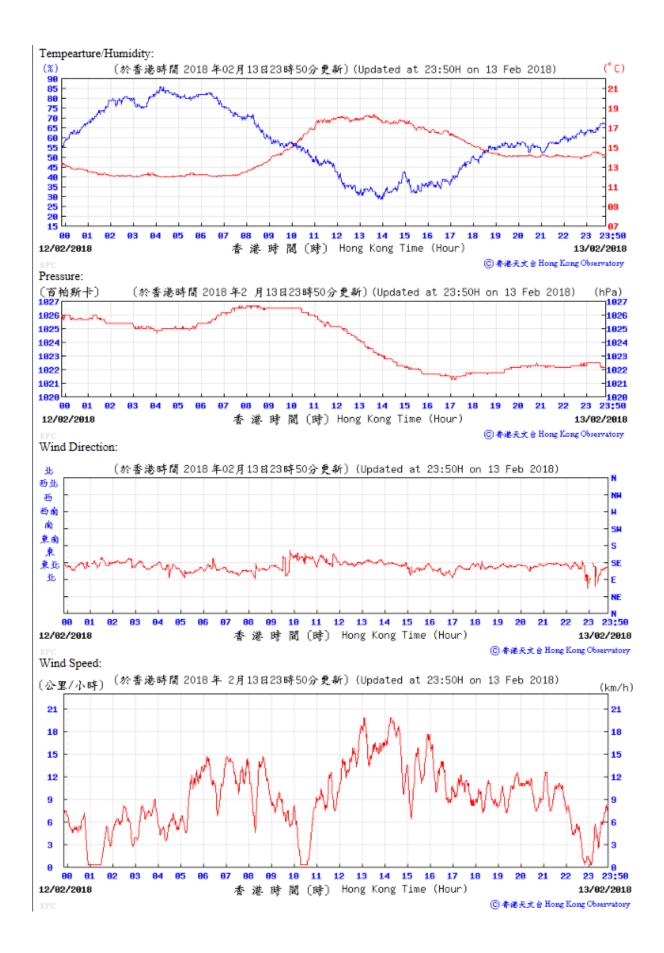


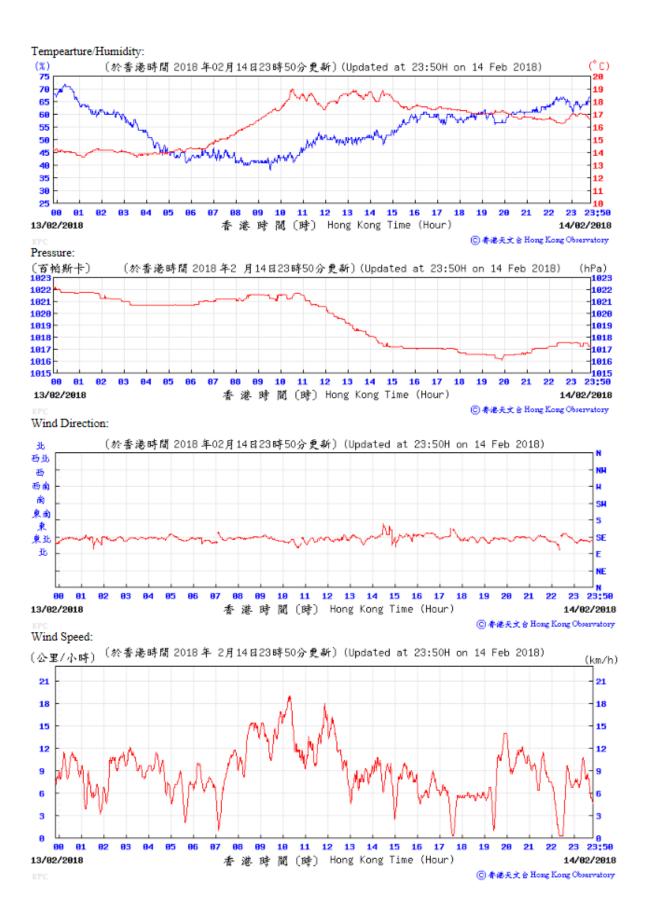
Extract of Meteorological Observations for King's Park Automatic Weather Station, February 2018

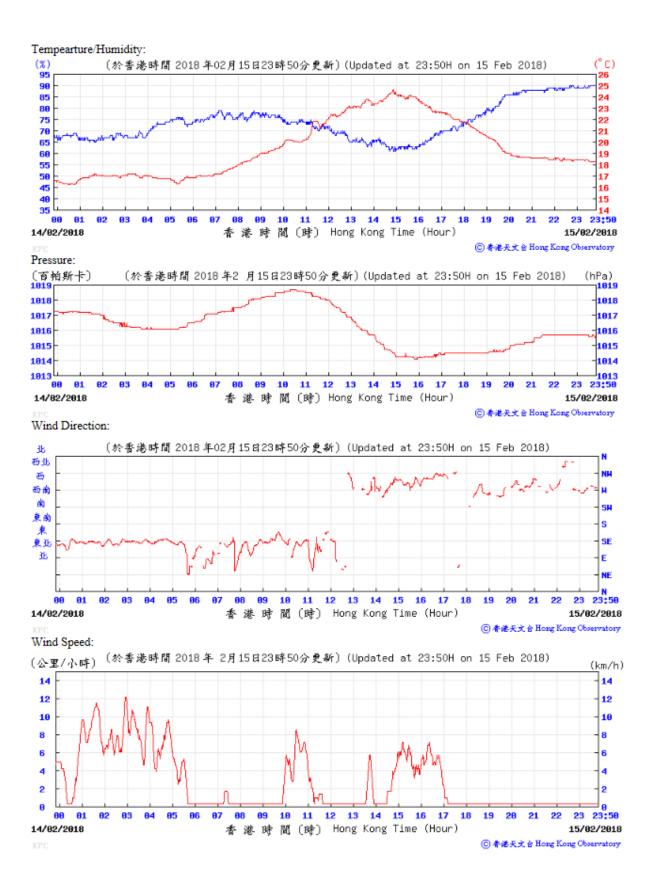


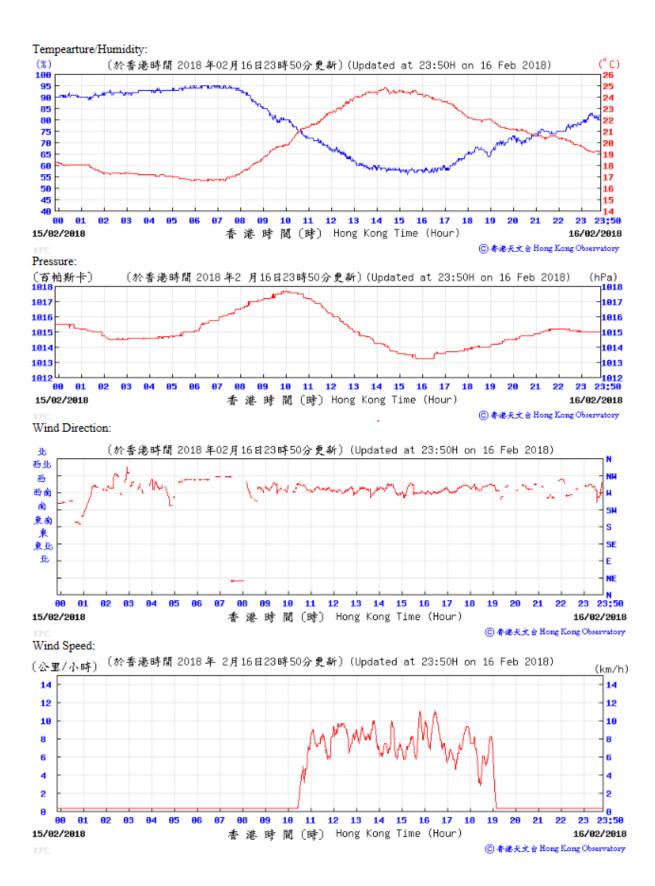


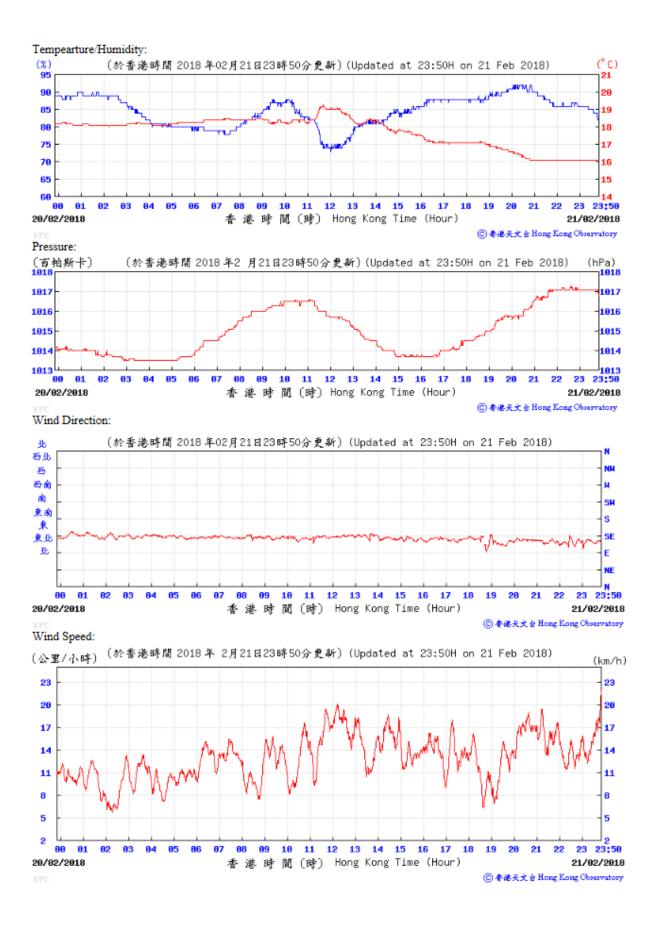


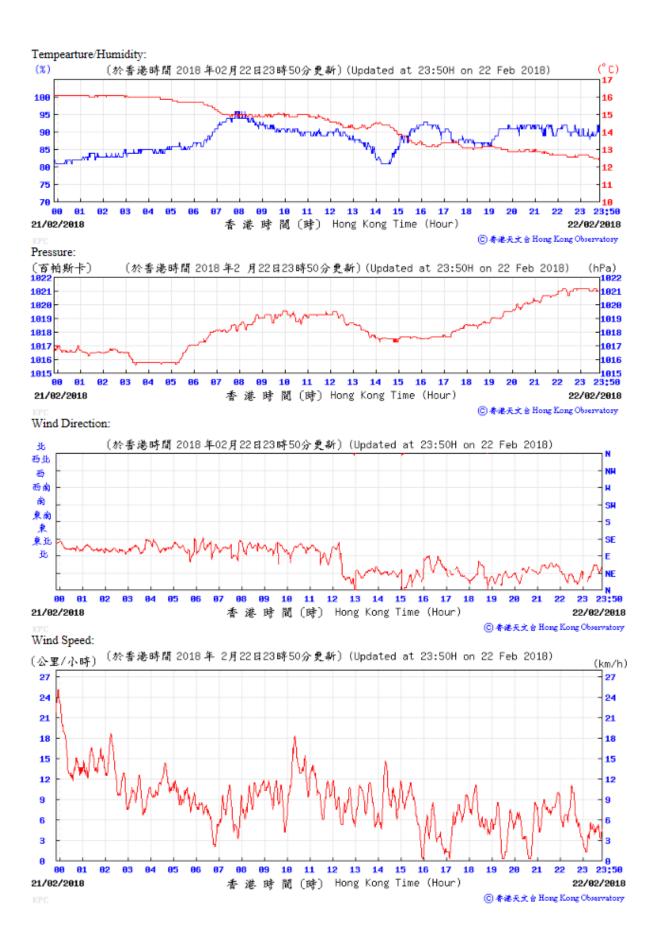


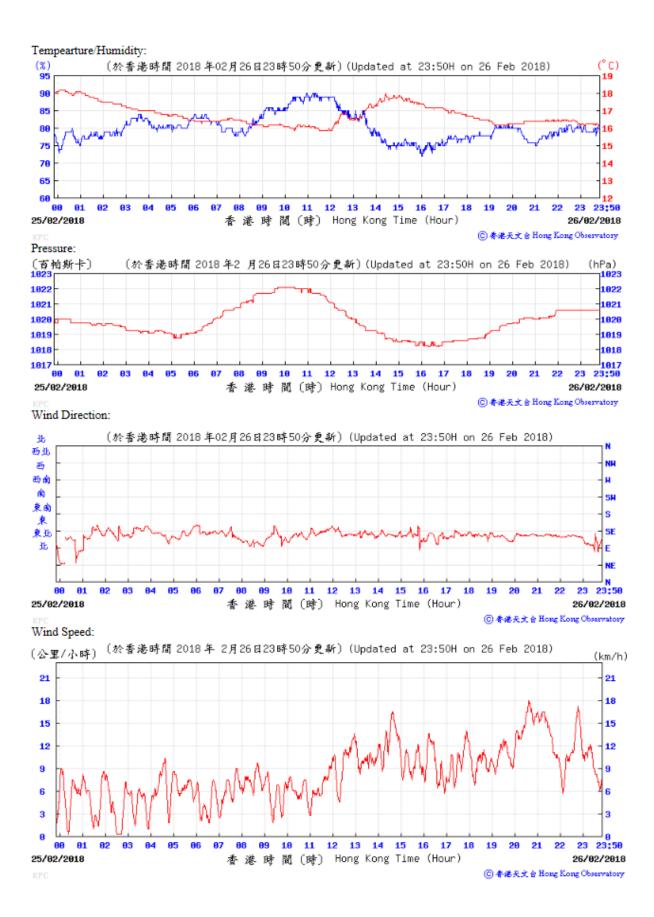


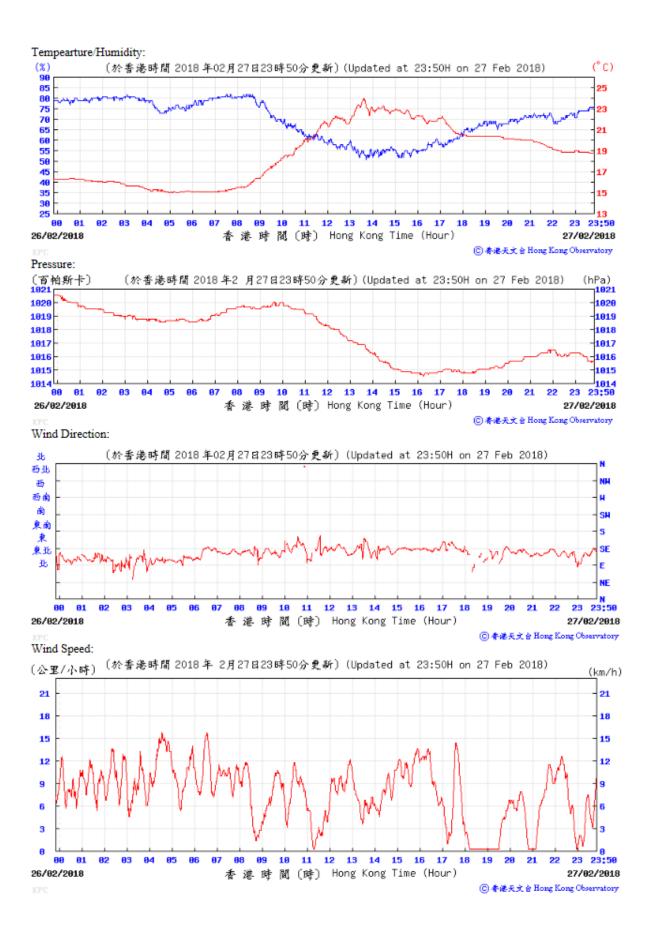












I. Waste Flow table

M+ Museum

Table I-1: Monthly Waste Flow Table for M+ Museum

		Actual Quant			ials Generat	ed Monthly		Ac	ual Quantities	of C&D W	astes Gene	erated Month	ly
Month	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	0.2	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	3302.7	0.0	0.0	2384.0	855.5	63.2	0.0	88.4	0.6	0.0	63.0	0.0	129.1
Dec	899.8	0.0	0.0	736.0	126.8	37.0	0.0	48.3	0.6	0.0	70.0	0.0	89.0
Sub-total (2016)	134133.5	0.0	25232.0	99456.0	9279.3	166.3	0.0	814.9	2.3	0.0	400.1	0.2	861.8
2017													
Jan	675.2	0.0	0.0	432.0	237.9	5.3	0.0	79.5	1.0	0.0	70.0	0.0	79.7
Feb	927.7	0.0	0.0	768.0	125.6	34.0	0.0	70.5	0.6	0.0	84.0	0.0	81.4
Mar	1856.7	0.0	0.0	1280.0	466.9	109.8	0.0	62.8	0.4	0.0	98.0	0.0	148.5
Apr	642.4	0.0	0.0	160.0	324.9	157.5	0.0	87.5	0.7	0.0	175.0	0.0	102.5
May	1118.2	0.0	0.0	528.0	416.4	173.7	0.0	118.3	0.0	0.0	280.0	0.0	139.0
June	650.0	0.0	0.0	0.0	451.6	198.4	0.0	199.7	1.4	0.0	350.0	0.0	98.7
Jul	1762.0	0.0	0.0	0.0	1466.6	295.4	0.0	36.9	1.2	0.0	244.0	0.0	164.2
Aug	1231.5	0.0	0.0	0.0	867.5	364.0	0.0	50.9	0.9	0.0	59.0	0.0	186.9
Sep	1681.7	0.0	0.0	0.0	1342.0	339.7	0.0	52.3	0.7	0.0	77.0	0.0	265.3
Oct	483.6	0.0	0.0	0.0	242.5	241.1	0.0	374.8	0.6	0.0	24.1	0.0	128.5

	Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Mont								tual Quantities	of C&D W	astes Gene	rated Month	nly
Month	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	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)
Nov	822.8	0.0	0.0	0.0	344.5	478.3	0.0	948.5	0.7	0.0	140.0	0.2	219.1
Dec	601.3	0.0	0.0	0.0	236.2	365.1	0.0	903.6	0.8	0.0	320.0	0.0	241.9
Sub-total (2017)	12453.0	0.0	0.0	3168.0	6522.6	2762.4	0.0	2985.3	8.9	0.0	1921.1	0.2	1855.5
2018													
Jan	1015.3	0.0	0.0	0.0	574.1	441.2	0.0	773.3	1.5	0.0	100.0	0.0	183.6
Feb	847.6	0.0	0.0	0.0	608.3	239.3	0.0	34.0	1.0	0.0	100.0	0.0	154.9
Sub-total (2018)	1862.8	0.0	0.0	0.0	1182.4	680.5	0.0	807.3	2.5	0.0	200.0	0.0	338.5
Total	224709.7	0.0	25232.0	140485.4	55383.1	3609.2	0.0	4710.0	13.8	0.0	2521.2	1.4	3189.4

Note:

-43.01 ton, 77.23 ton and 488.05 ton of inert C&D material were disposed of as public fill to Chai Wan Public Fill Barging Point, Tuen Mun Area 38 and Tseung Kwan O Area 137 Public Fill respectively in the reporting month.

-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.

-Quantities of waste materials generated for the previous reporting months have been updated by Contractor.

Lyric Theatre Complex

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

	ŀ	Actual Quanti	ties of Inert	C&D Mate	rials Generat	ed Monthly		Act	ual Quantities	of C&D Wa	astes Gene	erated Montl	nly
Month	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	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	36.9	0.2	1.5	0.0	0.0	15.2
Nov	12424.7	0.0	0.0	0.0	12424.7	0.0	0.0	74.7	0.0	0.0	0.0	1.4	10.2
Dec	12487.6	0.0	0.0	0.0	12487.6	0.0	0.0	13.9	0.0	0.0	0.0	1.3	9.0
Sub-total (2016)	111138.8	0.0	0.0	0.0	111138.8	0.0	0.0	334.5	0.4	1.5	0.0	7.6	191.6
2017													
Jan	9607.8	0.0	0.0	0.0	9607.8	0.0	0.0	29.5	0.0	0.0	0.0	0.0	7.3
Feb	9108.2	0.0	0.0	0.0	9108.2	0.0	0.0	50.2	0.2	0.0	0.0	0.7	9.8
Mar	11361.7	0.0	0.0	0.0	11361.7	0.0	0.0	16.1	0.0	0.0	0.0	1.4	8.5
Apr	2591.5	0.0	0.0	0.0	2591.5	0.0	0.0	35.7	0.0	0.0	0.0	0.0	4.7
May	2579.3	0.0	0.0	99.0	2480.3	0.0	0.0	20.9	0.1	0.0	0.0	0.5	10.0
Jun	476.0	0.0	0.0	341.0	129.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6
Jul	3419.0	0.0	0.0	804.0	2615.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
Aug	3730.9	0.0	0.0	1377.5	2353.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Sep	2108.2	0.0	0.0	1133.5	974.7	0.0	0.0	34.6	0.2	0.0	0.0	0.0	10.8
Oct	9159.0	0.0	0.0	7868.0	1291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	9.3
Nov	5095.4	0.0	0.0	4352.0	725.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	38.8
Dec	3856.2	0.0	0.0	3076.0	780.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	8.4
Sub-total (2017)	63093.1	0.0	0.0	19051.0	44018.7	23.4	0.0	187.1	0.7	0.0	0.0	3.8	137.3

	ŀ	Actual Quanti	ties of Inert	C&D Mate	rials Generat	ed Monthly		Act	ual Quantities	of C&D Wa	astes Gene	rated Month	nly
Month	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facilty	Imported	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)
2018											-		
Jan	4083.7	0.0	0.0	1455.0	2628.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Sub-total (2018)	4083.7	0.0	0.0	1455.0	2628.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
Total	178315.6	0.0	0.0	20506.0	157786.2	23.4	0.0	521.5	1.1	1.5	0.0	11.3	333.3

J. Environmental Mitigation Measures – Implementation Status

Table J-1: Environmental Mitigation Measures Implementation Status

		Implementation Stage			
EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex		
Air Quality In	npact (Construction)				
2.1 &	General Dust Control Measures				
10.3.1	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)	✓	Obs		
2.1 &	Best Practice For Dust Control				
10.3.1	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:				
	Good Site Management				
	 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. 	Rem/ Obs	*		
	Disturbed Parts of the Roads				
	 Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or 	\checkmark	\checkmark		
	 Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet. 	\checkmark	\checkmark		
	Exposed Earth				
	 Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seating 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		
	Loading, Unloading or Transfer of Dusty Materials				
	All dusty materials should be sprayed with water immediately prior to any loading or transfer operation	\checkmark	\checkmark		

		Implementation Stage			
EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex		
	so as to keep the dusty material wet.				
	Debris Handling				
	 Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides. 	\checkmark	\checkmark		
	 Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped. 	\checkmark	\checkmark		
	Transport of Dusty Materials				
	 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. 	·	·		
	Wheel washing				
	 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. 	\checkmark	\checkmark		
	Use of vehicles				
	 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. 	\checkmark	\checkmark		
	 Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 	\checkmark	\checkmark		
	 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. 	\checkmark	\checkmark		
	Site hoarding				
	 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 the site boundary except for a site entrance or exit. 	\checkmark	\checkmark		
.1 &	Best Practicable Means for Cement Works (Concrete Batching Plant)				
0.3.1	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:				
	Exhaust from Dust Arrestment Plant				

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	 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 	~	\checkmark
	Emission Limits		
	All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke	\checkmark	\checkmark
	Engineering Design/Technical Requirements		
	 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 	✓	✓
-	Non-Road Mobile Machinery (NRMM):		
	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.	✓	\checkmark
Noise Impa	ct (Construction)		
3.1 & 10.4.1	Good Site Practice 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:		
	 only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works; 	\checkmark	\checkmark
	 machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum; 	\checkmark	\checkmark
	 plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs; 	\checkmark	\checkmark
	mobile plant should be sited as far away from NSRs as possible; and	\checkmark	\checkmark
	 material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities. 	\checkmark	\checkmark
3.1 &	Adoption of Quieter PME		
10.4.1	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.	N/A	N/A

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3.1 & 10.4.1	Use of Movable Noise Barriers 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.	N/A	✓		
3.1 & 10.4.1	Use of Noise Enclosure/ Acoustic Shed 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.	N/A	N/A		
3.1 & 10.4.1	Use of Noise Insulating Fabric 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.	×	\checkmark		
3.1 & 10.4.1	Scheduling of Construction Works outside School Examination Periods 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.	N/A	N/A		
Water Quali	ty Impact (Construction)				
4.1 &	Construction site runoff and drainage				
10.5.1	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:				
	 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; 	~	Rem		
	 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. 	\checkmark	\checkmark		
	All drainage facilities and erosion and sediment control structures should be regularly inspected and	Rem/ Obs	Obs		

		inplementation otage			
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	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 	4	~		
	 Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin 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. 	4	~		
	 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. 	√	✓		
	 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. 	1	\checkmark		
	 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		
	Barging facilities and activities				
	Recommendations for good site practices during operation of the proposed barging point include:				
	 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		
	 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 	N/A	N/A		

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	 materials or polluted water during loading or transportation; All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and 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
4.1 &	Sewage effluent from construction workforce		
10.5.1	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.	\checkmark	\checkmark
4.1 &	General construction activities		
10.5.1	 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. 	\checkmark	✓
	 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. 	~	✓
Waste Mana	gement Implications (Construction)		
6.1 &	Good Site Practices		
10.7.1	Recommendations for good site practices during the construction activities include:		
	 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 	\checkmark	4
	 Training of site personnel in proper waste management and chemical handling procedures 	\checkmark	\checkmark
	 Provision of sufficient waste disposal points and regular collection of waste 	\checkmark	\checkmark
	 Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers 	\checkmark	\checkmark
	 Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roade. 	\checkmark	\checkmark
	 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 	\checkmark	\checkmark
6.1 &	Waste Reduction Measures		
10.7.1	Recommendations to achieve waste reduction include:		

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	Sort inert C&D material to recover any recyclable portions such as metals	\checkmark	\checkmark		
	 Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal 	\checkmark	\checkmark		
	 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 	\checkmark	×		
	Proper site practices to minimise the potential for damage or contamination of inert C&D materials	\checkmark	\checkmark		
	 Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste 	\checkmark	✓		
6.1 &	Inert and Non-inert C&D Materials				
0.7.1	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.	1	1		
	 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 	4	✓		
	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.	\checkmark	\checkmark		
	 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. 	\checkmark	×		
	 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				
0.7.1	 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 				

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	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.	Obs	~
	 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. 	~	~
6.1 &	General Refuse		
10.7.1	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.	~	✓
Land Conta	mination (Construction)		
7.1 & 10.8.1	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.		
	The following measures are proposed for excavation and transportation of contaminated material:		
	• 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
	 Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with 	N/A	N/A
	contaminated material), provision of washing facilities and prohibition of smoking and eating on site;	N/A	N/A
	 Stockpiling of contaminated excavated materials on site should be avoided as far as possible; The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out; 	N/A	N/A
	• Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust	N/A	N/A

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	emissions and/or release of contaminated wastewater;	N/A	N/A
	 Truck bodies and tailgates should be sealed to stop any discharge; Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping; 	N/A	N/A
	Speed control for trucks carrying contaminated materials should be exercised;	N/A	N/A
	 Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap 354) and obtain all necessary permits where required; and 	N/A	N/A
	 Maintain records of waste generation and disposal quantities and disposal arrangements. 	N/A	N/A
Ecological Ir	npact (Construction)		
	No mitigation measure is required.		
Landscape a	and Visual Impact (Construction)		
Table 9.1 & 10.8 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	N/A	N/A
Table 9.1 & 10.8 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	N/A	N/A
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
Fable 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
Fable 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
able 9.1 & 0.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A
able 9.1 & 0.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A
Fable 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

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Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A
Table 9.2 & 10.9 (MCP1)	Use of decorative screen hoarding/boards	✓	4
Table 9.2 & 10.9 (MCP2)	Early introduction of landscape treatments	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
Table 9.2 & 10.9 (MCP4)	Control of night time lighting	✓	\checkmark
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 - Not Applicable

✓ - Implemented

Obs - Observed

Rem - Reminder

K. 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) to the end of the reporting month and are summarised in the **Table K-1** and **Table K-2** below respectively.

Table K-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 month	0	0	0	
From 31 October 2015 to end of the reporting month	3	1	0	

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

Reporting Period	Cumulative Statistics			
	Complaints	Notifications of summons	Successful prosecutions	
This reporting month	0	0	0	
From 1 March 2016 to end of the reporting month	5	0	0	