

Development at West Kowloon Cultural District

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

July 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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Date

12.7.2018

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12.7.2018

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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.

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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 June to 30 June 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.

<u>Implementation of Mitigation Measures</u>

Construction phase weekly site inspections were carried out on 8, 14, 21 and 28 June 2018 for M+ Museum and 6, 13, 20, and 27 June 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.

EPD site inspection with Contractor was conducted on 29 June 2018 at M+ Museum. No adverse comment was received.

Record of Complaints

No environmental complaint was 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 Columns, Walls & Slab

- RDE Building Construction of: Columns, Walls & Slab (Zone A, B, C)
- CSF Building (Zone A & B) Construction of Columns, Walls & Slab

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

- Excavation and lateral support works at main cofferdam
- King post installation and extension;
- Bulk excavation;
- Operation of barge;
- · Construction of manhole (PIW); and
- Extended basement structure construction of Area 06

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.

Introduction 1

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 June to 30 June 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+ Main Works (Podium) construction of:
 - RF Columns, Walls & URF Slab

- 16F Columns, Walls & RF Slab
- Columns and walls from 11/F to15/F;
- Slab from 12/F to 16/F.
- RDE Building Construction of:
 - UF1 Columns, Walls & RF Slab (Zone A & B)
 - Columns & Walls from 6/F to 15MF (Zone A & B)
 - Slab from 7/F to UF1 (Zone A & B)
 - 5/F columns and walls from (Zone A, B, C)
 - 6/F Slab (Zone A, B, C)
- CSF Building (Zone A & B) Construction of:
 - Columns and walls from 6/F to 8/F
 - Slab from 7/F to RF

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

- Excavation and lateral support works at main cofferdam
- King post installation and extension;
- Bulk excavation;
- Operation of barge;
- Construction of manhole (PIW); and
- Extended basement structure construction of Area 06

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**.

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.

Air Quality Monitoring Parameters, Frequency and Duration **Table 2.1:**

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

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)	

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 Leq, L10 and L90 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	Frequ	uency Report	Approval
Construction	Monitor implementation of mitigation measures d construction stage.	f proposed Bi-wee uring the	ekly ET to Contract complian	

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

3.1 **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	Start	1-h	our TSP (µg	/m³)	Range	Action	Limit Level (µg/m³)
	Date	Time	1st Result	2nd Result	3rd Result	(µg/m³)	Level (µg/m³)	
	05-Jun-18	7:50	72	80	86		273.7	500
	11-Jun-18	8:07	36	41	33	33-86		
AM1	15-Jun-18	8:12	41	36	40			
	21-Jun-18	8:10	54	61	60			
	27-Jun-18	7:50	35	39	42			
	05-Jun-18	8:05	75	83	91			
	11-Jun-18	8:20	38	44	40			
AM2A	15-Jun-18	8:24	43	60	49	38-91	274.2	500
	21-Jun-18	8:22	71	68	75	-		
	27-Jun-18	8:02	41	46	44	-		

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-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)
	05-Jun-18	07:52	37			
****	11-Jun-18	08:05	38			260
AM1	15-Jun-18	08:10	34	34-42	143.6	
	21-Jun-18	08:08	42			
	27-Jun-18	07:52	40			
	05-Jun-18	08:02	66			
	11-Jun-18	08:17	50			
AM2A	15-Jun-18	08:22	62	50-66	151.1	260
	21-Jun-18	08:20	62	•		
	27-Jun-18	08:04	53	•		

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.

Table 3.3: Summary of noise monitoring results during normal weekdays

Monitoring Date	Start Time	End Time	Leq (30 mins), dB(A)	Limit Level for Leq (dB(A))
05-Jun-18	10:15	10:45	69	
11-Jun-18	10:26	10:56	69	75
21-Jun-18	10:36	11:06	68	75
27-Jun-18	10:10	10:40	69	-

Remarks:

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 3, 10, 17 and 24 June 2018. In accordance with the EM&A Manual, additional monitoring was carried out during the restricted hours on 3, 10, 17 and 24 June 2018. All the Leg (5 mins) is in the range of 58-60 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 8 and 21 June 2018 for M+ Museum and 6 and 20 June 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.

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

Environmental Site Inspection

4.1 **Site Inspection**

4.1.1 M+ Museum

Construction phase weekly site inspections were carried out on 8, 14, 21 and 28 June 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 21 June 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.

EPD site inspection was conducted on 29 June 2018. They conducted a routine inspection and inspected the flood prevention measures at seafront and wastewater treatment facilities. No adverse comment was received. The contractor was reminded to maintain the drainage system in good condition to avoid muddy water overflowing to the sea; ensure adequate water spraying for main haul roads on site to suppress dust generation; and ensure compliance with CNP when work at restricted hours.

The key observations from the site inspections and associated recommendations are summarized in **Table 4.1.**

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

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
31 May 2018	Air Quality	The haul road near DCS was found dry and dusty. The contractor was reminded to enhance water spraying to reduce dust impact.	The contractor has enhanced water spraying at the haul road near DCS.	6 Jun 2018
31 May 2018	Water quality	The contractor was reminded to provide sand bags at one of the sections near the seafront to further enhance protection against site runoff from overflowing into the sea, though the bund at the seafront was properly in place.	The contractor has placed sand bags near seafront to further enhance protection against overflowing of site runoff into the sea.	6 Jun 2018
8 Jun 2018	Air Quality	The contractor was reminded to check if NRMM label is required for the excavator located near the seafront. If so, the contractor was reminded to provide NRMM label at the excavator.	The contractor has confirmed that the mini excavator is exempted from NRMM label requirement due to low output power. Notice has been displayed on the excavator.	13 Jun 2018
8 Jun 2018	Air Quality	Cement bags (more than 20 bags) without proper cover were found near Gate 1. The contractor was reminded to cover them properly to reduce dust impact.	The contractor has covered the cement bags near Gate 1 properly.	13 Jun 2018
8 Jun 2018	Waste Management	Chemicals were found without drip tray near wetsep no.2. The contractor was reminded to provide drip tray for the chemicals.	The contractor has removed the chemicals previously found without drip tray near wetsep no.2.	13 Jun 2018
8 Jun 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

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
14 Jun 2018	Waste Management	Chemicals were found without drip tray on G/F near staircase no.14. The contractor was reminded to provide a drip tray for the chemicals.	The contractor has removed the chemicals previously observed without drip tray on G/F near staircase no. 14.	20 Jun 2018
14 Jun 2018	Waste Management	Oil was observed on the ground on G/F near façade storage area. The contractor was reminded to clear the oil and treat it as chemical waste.	The contractor has cleared the oil on the ground on G/F near façade storage area.	20 Jun 2018
14 Jun 2018	Water quality	Effluent quality at wetsep no.2 was checked. It was found acceptable and within proper pH range.	N/A	N/A
21 Jun 2018	Air Quality	The haul road was observed dry and dusty. The contractor was reminded to enhance water spraying to reduce dust impact.	The contractor has enhanced water spraying at the haul road and it was observed wet.	28 Jun 2018
21 Jun 2018	Waste Management	Chemicals were found without drip trays. The contractor was reminded to provide drip tray for the chemicals or remove them off site if not in use.	The contractor has removed the chemicals previously observed without drip tray.	28 Jun 2018
21 Jun 2018	Water quality	Effluent quality at wetsep no.2 was checked. It was found visually clear when comparing with standard solution and within proper pH range. But algae were found at wetsep no.2. The contractor was reminded to remove the algae.	The contractor has removed the algae at wetsep no.2.	28 Jun 2018
21 Jun 2018	Air Quality	Stockpile near seafront was found not entirely covered. The contractor was reminded to entirely cover it with impervious sheeting.	The contractor has covered the stockpile entirely near seafront with impervious sheeting.	28 Jun 2018
28 Jun 2018	Air Quality	Cement bags without proper cover were observed at B2. The contractor was reminded to cover them with impervious sheeting to reduce dust impact.	Follow-up status will be provided in the next reporting month.	On-going
28 Jun 2018	Water quality	Effluent quality at wetsep no.2 was checked. It was found visually clear when comparing with standard solution and within proper pH range.	N/A	N/A

4.1.2 **Lyric Theatre Complex**

Construction phase weekly site inspections were carried out on 6, 13, 20, and 27 June 2018. The joint site inspection with IEC, ET, ER and Contractor was held on 20 June 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**.

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

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
6 Jun 2018	Water quality	Turbid water was observed at wetsep #2. Contractor was reminded to clean the turbid water	Contractor has cleared the turbid water to keep good quality of discharge water.	13 Jun 2018

Inspection Date	Parameter	Observation / Recommendation	Contactor's Responses / Action(s) Undertaken	Close-out (Date)
		to keep good quality of discharge water.		
6 Jun 2018	Waste management	Oil leakage was observed. Contractor was reminded to stop the leakage and treat the oil stain.	Contractor has stopped the oil leakage and treated the oil stain.	13 Jun 2018
6 Jun 2018	Waste management	Mud has accumulated in drip trap. Contractor was reminded to clean the accumulated mud.	Contractor has cleared the accumulated mud in drip tray.	13 Jun 2018
20 Jun 2018	Water quality	Turbid water was observed at three wetseps. The Contractor was reminded to clear the suspended solids in order to keep good quality of discharge water.	Contractor has cleared the suspended solids to keep good quality of discharge water.	27 Jun 2018
27 Jun 2018	Waste management	Contractor was reminded to provide drip tray to store chemicals in order to avoid leakage.	Follow-up status will be provided in the next reporting month.	On-going

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, 10.95 tonnes, 575.44 tonnes and 575.99 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 Kwan O Area 137 Public Fill respectively, while 188.2 tonnes of general refuse were disposed of at SENT landfill. 47.0 tonnes of metals, 0.3 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 535.2 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, 489.9 tonnes and 14,984.78 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38, while 12.8 tonnes of general refuse were disposed of at SENT landfill. 0 tonne of metals, 0.1 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. 38,749.3 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

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

Permit / License	Valid	Period	Status	Remarks	
No. / Notification / Reference No.	From	То			
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-RE0214-18	2-Apr-18	30-Sep-18	Valid		
Wastewater Discharge	License				
WT00023633-2016	4-Mar-16	31-Mar-21	Valid		
Notification under Air F	Pollution Control (Co	nstruction Dust) Regu	ılation		
394083	7-Oct-15		Notified		

4.3.2 **Lyric Theatre Complex**

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

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-RE0237-18	30-Mar-18	29-Sep-18	Cancelled on 27-Jun- 18		
GW-RE0439-18	27-Jun-18	24-Dec-18	Valid		
Wastewater Discharge	License				
WT-00030694-2018	6-Apr-18	30-Apr-23	Valid		
Notification under Air F	Pollution Control (Co	nstruction Dust) Reç	gulation		
429708	16-Jan-18		Notified		

Recommended Mitigation Measures 4.4

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

- Drip trays of proper size should be provided for all chemicals.
- Oil leakage should be cleared and disposed of as chemical waste.

Air Quality

- Maintain high standard of housekeeping to prevent emission of fugitive dust.
- Cement bags and stockpiles of dusty materials should be well covered by impervious sheeting to reduce dust impact.
- Frequent water spraying for haul roads should be provided for dust suppression.
- NRMM labels should be provided for machineries under control by the regulation.

Water Quality

Algae accumulated at wetseps should be removed regularly to ensure the treatment performance.

4.4.2 **Lyric Theatre Complex**

Water Quality

Regular checking and maintenance should be provided to all wetsep units to ensure the treatment performance.

Chemical and Waste Management

- Proper drip trays should be provided to all chemicals to avoid leakage of chemical waste.
- Mud accumulated in drip trays should be regularly removed.

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 May 2018	14 June 2018

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 complaint was 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 Columns, Walls & Slab
- RDE Building Construction of: Columns, Walls & Slab (Zone A, B, C)
- CSF Building (Zone A & B) Construction of Columns, Walls & Slab

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 main cofferdam
- King post installation and extension;
- Bulk excavation;
- Operation of barge;
- Construction of manhole (PIW); and
- Extended basement structure construction of Area 06

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.

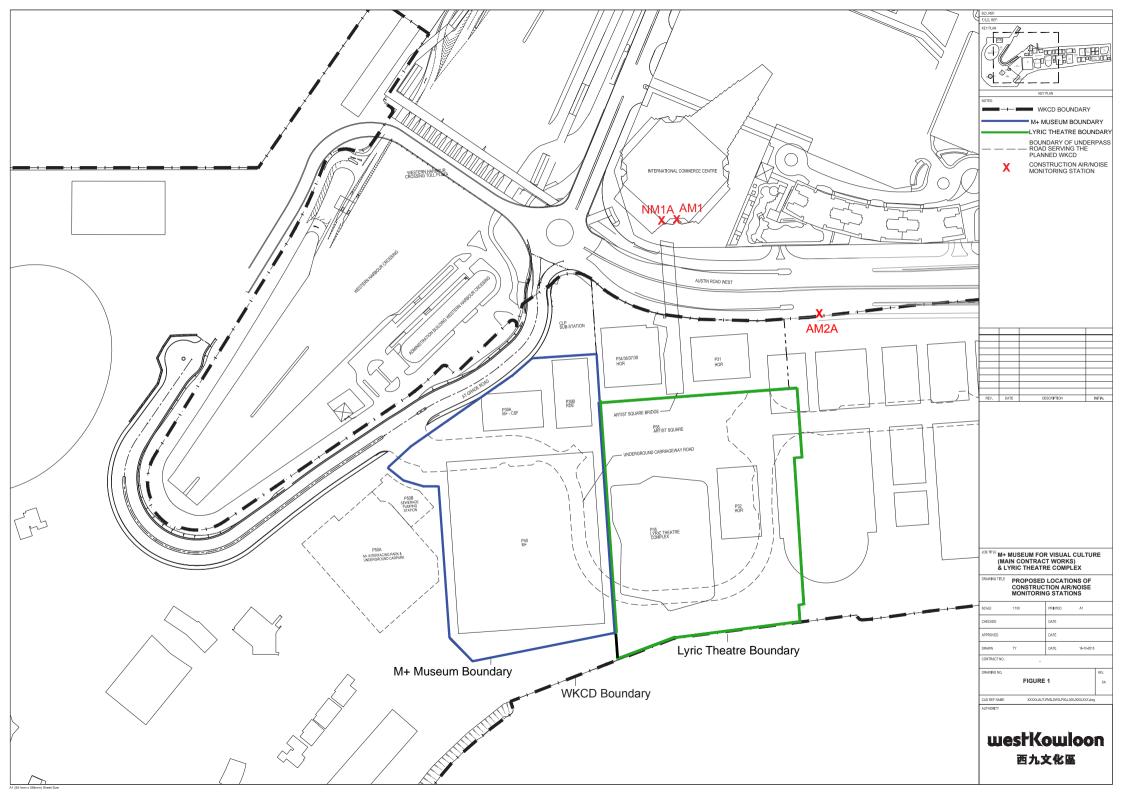
No environmental complaint, notifications of summons or successful prosecution were received during the reporting month.

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
- Ε. 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

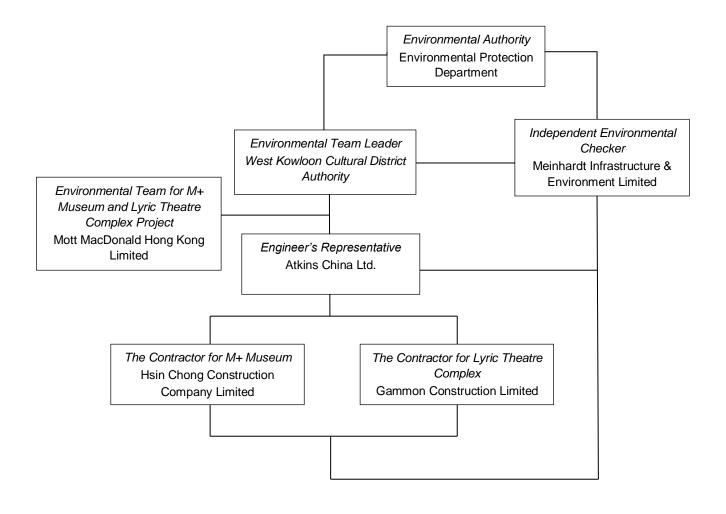


Table A-1: Contact information

Role	Name	Telephone
Assistant Resident Engineer	Ms. Gloria Lui	5506 6361
Independent Environmental Checker	Mr. Fredrick Leong	2859 1739
Environmental Manager	Mr. Andy Leung	9016 2503
Environmental Manager	Ms. Michelle Tang	9267 8866
Contractor's Environmental Team Leader	Mr Brandon Wong	2828 5875
Senior Environmental Specialist	Mr. Brian Tam	2200 0059
	Assistant Resident Engineer Independent Environmental Checker Environmental Manager Environmental Manager Contractor's Environmental Team Leader Senior Environmental	Assistant Resident Engineer Ms. Gloria Lui Independent Environmental Mr. Fredrick Leong Checker Environmental Manager Mr. Andy Leung Environmental Manager Ms. Michelle Tang Contractor's Environmental Team Leader Senior Environmental Mr. Brian Tam

B. Tentative Construction Programme



Project Baseline

Project LoE Baseline

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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30-Apr-18 3MRP-Mth31_30 Apr... Robby Y.

31-May-18 3MRP-Mth32_31 Ma... Robby Y. Chris Chau / Ricky Lau

Chris Chau / Ricky Lau

	o 02 Jun 2018) (CMWP 8D)	1 01 11 11	LCMM/D DO	LCMM/D DO	A atual /	Astual / Fares	Diagnosi D/I	Actual 9/	Finish Varia		May	1 108	0	1 1167	L.,	August
vity ID	Activity Name	Dur.	(D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		32 32	33		July 34		35
ivo Mooks	s Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)									30 07	14 21	8 04 11	18 25	02 09 16	23 30	06 13 20
	& Tower FACADE Preliminaries															
	ING SUBMISSIONS FACADE SYSTEM & EMBEDS															
	ING - Metal Cladding FAC-LV-01a/FAC-LV-01b (Additional Scope)															
A51430	2nd Shopdrawing Submission - Review & Approval	17	16-Feb-18	04-Mar-18	12-Feb-18 A	09-Jun-18	100%	49%	-97							
BD SUBMISS	SIONS FACADE SYSTEM & EMBEDS															
BD Submissi	on - Garden Gallery Ceramic Cladding System & Embed															
A51785	Garden Gallery Ceramic - BD Approval (2nd Batch)	48	04-May-17	21-Jun-17	05-Mar-18 A	03-Jun-18	100%	95%	-347			=				
A51790	Garden Gallery Ceramic - Consent	24	03-Jun-18	27-Jun-18	03-Jun-18	27-Jun-18	0%	0%	0			_				
BD Submissi	ion - Glass Wall with Ceramic/Precast Concrete Mullion, Concrete Tube & Perforated Claddin															
A51980	2nd Submission	14	05-Jan-18	19-Jan-18	26-Dec-17 A	04-Jun-18	100%	76%	-136			—		1 1	1 1	
A51990	2nd Submission - Review & Approval by MJV (w/ RSE Endosement)	31	11-Jan-18	11-Feb-18	02-Jan-18 A	08-Jun-18	100%	76%	-117							
A52000	Glass Wall with Ceramic & Precast Concrete Mullion - Submission to BD	0		08-Jun-18		08-Jun-18	0%	0%	0			♦ Glass	Wall with (eramic & Precast C	ncrete Mullio	n - Submission to F
A52010	Glass Wall with Ceramic & Precast Concrete Mullion - BD Approval	48	05-Jun-18	23-Jul-18	05-Jun-18	23-Jul-18	0%	0%	0	-				1 1		
A52020	Glass Wall with Ceramic & Precast Concrete Mullion - Concent	24	23-Jul-18	16-Aug-18	23-Jul-18	16-Aug-18	0%	0%	0	-						
	NG SUBMISSIONS - FACADE DOORS	24	25-Jul-16	10-Aug-16	23-JUI-18	16-Aug-18	U%	U%	U	 		1		 		 i
	s Package #1 - Glazed door between Ceramic Concrete Mullion - Total No. of Doors = 53						,									
A65210	1st Shopdrawing Submission	58	23-Feb-18	21-Apr-18	17-Feb-18 A	29-Jun-18	100%	51%	-69							
A52130	1st Shopdrawing Submission - Review & Approval	17	26-Jun-18	13-Jul-18	26-Jun-18	13-Jul-18	0%	0%	0			4	=			
Facade Door	s Package #2 - Sliding door at L3 Storefront - Total No. of Doors = 4															
A52190	2nd Shopdrawing Submission	12	12-Mar-18	23-Mar-18	16-Feb-18 A	06-Jun-18	100%	51%	-75							
A52200	2nd Shopdrawing - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0							
Facade Door	s Package #3 - Swing Door at L3 Cafe- Total No. of Doors = 1	'														
A52230	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63			+-				
A52250	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0	-						
	s Package #4 - Swing Door mounted in GW with T Mullion - Total No. of Doors = 29											1		+		++
A52280	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63							
A52290	2nd Shopdrawing Submission - Review & Approval	17		-			0%	0%	-03	- :						
	s Package #5 - Large double door at B1 Transformer Room - Total No. of Doors = 1	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	U%	U			1:				
A52320	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63			[<u> </u>	<u> </u>		1
A52340	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0			4 i 				
Facade Door	s Package #6 - B1 Exit Door - Total No. of Doors = 7 (7 x Manual)															
A52370	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63							
A52380	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0							
acade Door	s Package #7 - Garden Gallery Door - Total No.of Doors = 2 (2 x Manual)															
A52410	2nd Shopdrawing Submission	12	02-Mar-18	13-Mar-18	16-Feb-18 A	06-Jun-18	100%	51%	-85			-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
A52430	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0	\vdash						
acade Door	s Package #8 - Doors located in Metal Cladding - Total No.of Doors =20 (20 x Manual)															
A52460	2nd Shopdrawing Submission	12	02-Mar-18	13-Mar-18	23-Feb-18 A	06-Jun-18	100%	51%	-85			-				
A52400 A52470	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	-03							
	s Package #9 - GF Lobby Access Door in Ceramic Tube - Total No.of Doors = 8	1/	00-Jull-19	23-Juil-10	00-3011-19	23-JUII-16	U76	U/6	U			1				
				1												
A52500	2nd Shopdrawing Submission	12	02-Mar-18	13-Mar-18	16-Feb-18 A	06-Jun-18	100%	51%	-85			\Box				
A52520	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0			1 -				
	s Package #10 - B1 Carriageway Access Panel & Doors - Total No. of Doors = 24						, ,									
A52550	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63							
A52560	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0							
acade Door	s Package #12 - B1 Smoke Vent Panel - Total No. of Doors = 1															
A52600	2nd Shopdrawing Submission	12	23-Mar-18	04-Apr-18	16-Feb-18 A	06-Jun-18	100%	51%	-63			+				
A52610	2nd Shopdrawing Submission - Review & Approval	17	06-Jun-18	23-Jun-18	06-Jun-18	23-Jun-18	0%	0%	0	\vdash						
-					1 1				-					<u> </u>	1 11	<u> </u>
Rema	ining Level of Effort Remaining Work ♦ Baseline Milestone		West Ke	owloon Cu	Itural Distric	t Authority		-	40.00		THE SECTION STATES	_	Date	Revision	Checked	Approved
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Milest	tone 🔷 Actual Milestone		INI F CO	, iii acil	, s wall	TTUINS			NOTE:		4 7741 655	€ 31-M	ar-18 3M	RP-Mth30_31 Mar	Robby Y.	Chris Chau / Rick

Programme CMWP -

140) (27 May to 02 Jun 2018) (CMWP 8D) Activity ID 0 | 07 | 14 | 21 | 28 | 04 | 11 | 18 | 25 | 02 | 09 | 16 | 23 | 30 | 06 | 13 | 20 | 27 PERFORMANCE TEST - SHOPDRAWING SUBMISSION FARRICATION INSTALLATION & TEST PMU SHOPDRAWING SUBMISSION & TEST - Tower Facade Precast Panel A54645 Perf MU - Testing & Report Submission of Tower Precast Concrete Facade 36 25-Nov-17 30-Dec-17 01-Nov-17 A 12-Jun-18 100% 67% PMU SHOPDRAWING SUBMISSION & TEST - Podium Facade Precast Panel Perf MU - Testing & Report Submission of Podium Facade PC+CW 14 04-Jun-18 18-Jun-18 04-Jun-18 18-Jun-18 PMU SHOPDRAWING SUBMISSION & TEST - Kinked Glass with T Mullion Perf MU - Testing & Report Submission of GW with T Mullion + Reflective Glass 14 11-Jun-18 25-Jun-18 11-Jun-18 25-Jun-18 0% 0% VING SUBMISSION & TEST - Glass Wall with Ceramic Mullions at GF A52780 Perf MU - 2nd Shopdrawing Submission - Review & Approval 03-Mar-18 20-Mar-18 02-Mar-18 A 100% 50% -81 Perf MU - GW with Ceramic Mullion G/F Production & Fabrication 48 100% A54740 11-Sep-17 29-Oct-17 04-Nov-17 A 17-Jul-18 4% -261 A54750 Perf MU - GW with Ceramic Mullion G/F Installation 22 25-Jun-18 17-Jul-18 25-Jun-18 17-Jul-18 Λ A54760 Perf MU - Commence Testing of GW with Ceramic Mullion G/F 17-Jul-18 17-Jul-19 0% 0% Λ Perf MU - Commence Testing of GW with A54770 Perf MU - Testing & Report Submission of GW with Ceramic Mullion G/F 12 17-Jul-18 29-Jul-18 17-Jul-18 29-Jul-18 0% 0% 0 PMU SHOPDRAWING SUBMISSION & TEST - Vertical Glass Wall at Skylight Gallery Perf MU - Testing & Report Submission of Vertical Glass Wall Skylight Gallery A54850 10 06-Jun-18 15-Jun-18 06-Jun-18 15-Jun-18 0% 0% 0 PMU SHOPDRAWING SUBMISSION & TEST - Plaza Skylight 3/F Terrace Perf MU - Plaza Skylight 3/F Terrace Production & Fabrication A54780 65 05-Apr-17 09-Jun-17 04-May-17 A 13-Jul-18 100% 35% -399 A54790 Perf MU - Plaza Skylight 3/F Terrace Installation 24 10-Jul-18 03-Aug-18 10-Jul-18 03-Aug-18 0% 0% Λ A54800 Perf MU - Commence Testing of Plaza Skylight 3/F Terrace 0 03-Aug-18 03-Aug-18 0% 0% Perf MU - Commence Tes Δ54810 Perf MU - Testing & Report Submission of Plaza Skylight 3/F Terrace 10 03-Aug-18 12-Aug-18 03-Aug-18 12-Aug-18 0% 0% Ω PRODUCTION MOCK UP & INSPECTION Prod MU - Podium Facade Precast Panel Podium Precast Concrete & Curtain Wall Prod MU 108 07-Feb-18 25-May-18 02-Jan-18 A -25 A55380 20-Jun-18 100% 82% Prod MU - Kinked Glass with T Mullion GW with T Mullion (Kinked & Straight) Prod MU A55400 48 25-Jun-18 12-Aug-18 25-Jun-18 12-Aug-18 0% 0% 0 A55410 Inspection (Prod MU) - GW with T Mullion (Kinked & Straight) 0 15-Aug-18 15-Aug-18 0% 0% nspection (Pr Prod MU - Vertical Glass Wall at Skylight Gallery A55440 Vertical GW with Skylight Gallery Prod MU 48 07-Jun-18 25-Jul-18 07-Jun-18 25-Jul-18 0% 0% Prod MU - Plaza Skylight 3/F Terrace A55460 Plaza Skylight Prod MU 48 12-Aug-18 29-Sep-18 12-Aug-18 29-Sep-18 FABRICATION & DELIVERY OF M+ TOWER & PODIUM FACADE SYSTEM 01A Tower Facade PC+CW (Bulk) Glass Production & Fabrication Coated Glass Production 96 19-Nov-16 16-Mar-17 19-Nov-16 A 16-Jun-18 100% 86% -368 Fabrication of Glass Panel 128 03-Mar-17 100% 75% -271 A54460 08-Aug-17 03-Mar-17 A 10-Jul-18 CW Glazed Panel Production & Fabrication Δ54910 Aluminium Extrusion Production 27-Mar-18 03-Jul-18 100% 86% 179 21-Διισ-17 19-Jun-17 A -75 A54920 Application of PVF2 Coating 181 29-Dec-17 02-Dec-17 A 67.4% 10-Aug-18 01-Aug-18 72% Eabrication & Assemble of Curtain Wall Unit 191 08-Feb-18 -29 Δ54860 03-Oct-18 23-Dec-17 A 07-Nov-18 46.07% 31% Terracotta Production Terracotta Production - Tower (Bulk) Δ54940 100 17-Mar-17 20-Jul-17 17-Mar-17 A 06-Jul-18 100% 71% -284 Delivery to Precast Factory 249 05-Sep-17 11-Jul-18 22-Jun-17 A 21-Sep-18 86.79% 62% -62 TE501-L02-07 (11F & 12F) A64320 16-Apr-18 24-May-18 06-Apr-18 A 09-Jul-18 100% 83% -46 TE501-L02-08 (13F & 14F) 50 A64330 09-Jul-18 28-Aug-18 09-Jul-18 28-Aug-18 0% 0% 0 A64340 TE501-L02-09 (15F & 16F) 50 28-Aug-18 18-Oct-18 28-Aug-18 18-Oct-18 0% 0% 0 A64430 TE502-L02-08 (13F & 14F) 50 14-May-18 03-Jul-18 05-Apr-18 A 21-Jul-18 35.71% 64% -18 A64440 TE502-L02-09 (15F & 16F) 50 21-Jul-18 09-Sep-18 21-Jul-18 09-Sep-18 0% 0% 0 A64460 TE503-L02-01 (West) 14 02-Aug-18 16-Aug-18 26-Feb-18 A 15-Jun-18 0% 40% 63 A64470 TF503-L02-02 (Fast) 14 16-Mar-18 30-Mar-18 01-Mar-18 A 15-Jun-18 100% 30% -77 Δ64550 TE503-L02-10 (Roof) 43 20-Apr-18 02-Jun-18 08-Jan-18 A 14-Jul-18 97 22% 14% -42 A64540 TE503-L02-09 (15F & 16F) 154 05-Jan-18 07-Jun-18 02-Jan-18 A 01-Nov-18 95.7% 56% -147

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

0 | 07 | 14 | 21 | 28 | 04 | 11 | 18 | 25 | 02 | 09 | 16 | 23 | 30 | 06 | 13 | 20 | 27 Tower Tiles TE505 Production Δ64560 TF505-102-01 (West) 14 06-Jun-18 20-Jun-18 06-Jun-18 20-lun-18 0% 0% Ω A64570 TE505-L02-02 (East) 14 20-Jun-18 04-Jul-18 20-Jun-18 04-Jul-18 0% 0% 0 Precast Concrete Facade A54990 13-Mar-18 A Inspection, Packing & Delivery to Site - Tower Facade 04-Apr-18 12-Jul-18 28-Jul-18 58.61% 40% -15 Δ54970 Concreting of Precast Concrete 192 08-May-18 24-Dec-18 27-Nov-17 Δ 03-Dec-18 10 42% 20% 18 A54980 Assemble of Curtain Wall to Precast Facade 190 23-May-18 27-Nov-17 A 4.21% 15% 21 08-Jan-19 12-Dec-18 Procurement & Production (3F to Roof) & Shipment 168 18-Apr-17 A55020 Production - Tower Lighting Bar 07-Nov-17 16-Apr-17 A 18-Jul-18 100% 77% -203 CW Glazed Panel Production & Fabrication A10000 IOC Inspection 169 03-Apr-18 25-Oct-18 12-Mar-19 A 00-Nov-18 28 4% 21% -13 OQC Inspection 169 23-Mar-18 18-Oct-18 13-Mar-18 A 09-Nov-18 31.95% 21% -19 -17 V22U3U Delivery & Assembly 178 23-Mar-18 29-Oct-18 13-Mar-18 A 17-Nov-18 30.34% 21% 02 Podium Facade PC + CW (Bulk) A54480 1st Delivery to Site - Precast Panel for Podium 27-Jun-18 27-Jun-18 0% 0% 0 A54470 120 12-Nov-16 12-Mar-17 100% 1% -565 Production & Fabrication - Precast Panel for Podium 11-Dec-16 A 27-Sep-18 Glass Production & Fabrication A10020 Ordering of Coated Glass 85 12-Nov-16 04-Feb-17 11-Dec-16 A 23-Jun-18 100% 74% -503 Fabrication of Insulated Glass Panel A10030 124 05-Feb-18 09-Jun-18 02-Jan-18 Δ 25-Sep-18 93.47% 6% -108 CW Glazed Panel Production & Fabrication A10040 Die Making - Bulk Production 41 17-Feb-17 06-Apr-17 17-Feb-17 A 06-Jun-18 100% 88% -343 -29 A10050 Aluminium Extrusion Production 131 15-Jan-18 27-Jun-18 02-Jan-18 A 02-Aug-18 83.21% 61% A10060 Application of PVF2 Coating 145 27-Jan-18 27-Jul-18 03-Jan-18 A 26-Sep-18 67.59% 51% -50 116 15-Feb-18 -110 A10070 Fabrication & Assemble of Curtain Wall Unit 11-Jun-18 04-Jan-18 A 28-Sep-18 91.29% 0% Terracotta Production A10160 Delivery of Terracotta to Precast Factory from Italy (by ship) 116 21-Aug-17 10-Jan-18 22-Jun-17 A 04-Jul-18 100% 77% -139 A10100 Terracotta Production - Podium (Bulk) 147 24-Apr-17 18-Oct-17 24-Apr-17 A 28-Sep-18 100% 81% -280 Precast Concrete Facade A10180 Curing of 1st Lot 26-Mar-18 04-Apr-18 02-Jan-18 A 07-Jun-18 100% 7.01% 100% -79 A10110 Precast Concrete Mould Making 136 18-Sep-17 05-Mar-18 19-Jun-17 A 12-Jun-18 93% A10150 Precast Panel 1st Delivery to Site - Podium 27-Jun-18 0% Precast Panel 1st Delivery to Site - Podium, 27-Jun-18 27-Jun-18 Concreting of Precast Concrete -72 A10120 16-Mar-18 19-Jun-18 02-Jan-18 A 30-Aug-18 80.78% 5% A10130 Assemble of Curtain Wall to Precast Facade 93 06-Apr-18 07-Jul-18 03-Jan-18 A 30-Aug-18 60.24% -54 Inspection, Packing & Delivery to Site - Podium Facade 93 A10140 12-Jun-18 12-Sep-18 12-Jun-18 12-Sep-18 0% 0% 0 03 GW with T Mullion (Kinked & Straight B1F to GF) (Bulk) Δ54490 Production & Fabrication - GW with T Mullion (Kinked & Straight B1F to GF) 151 15-Aug-18 13-Jan-19 15-Aug-18 13-Jan-19 0% 0% Ω Δ10300 Delivery of Glass Panel to Site 46 22-Aug-18 18-Oct-18 22-Aug-18 18-Oct-18 0% 0% Ω Fabrication of Insulated Glass Panel A10200 22-Aug-18 22-Aug-18 84 15-Aug-18 Coated Glass Production 0% Δ10190 24-Nov-18 15-Aug-18 24-Nov-18 0% Ω Production & Fabrication Alum Section Application of PVF2 Coating A10230 6 10-Jul-18 17-Jul-18 18-May-18 A 07-Jun-18 0% 5.99% 32 34 97.06% 76% -7 A10210 Die Making - Bulk Production 21-Apr-18 01-Jun-18 02-Jan-18 A 11-Jun-18 34 0 A10220 A10220 Aluminium Extrusion Production 29-May-18 10-Jul-18 18-May-18 A 10-Jul-18 7.35% 6% A10240 Fabrication & Assemble of Curtain Wall Unit 35 07-Jun-18 20-Jul-18 07-Jun-18 20-Jul-18 0% 0% 0 T Painted GMS Mullion, Transom & Brackets A10280 1st Delivery T-Mullion B1 19-Jul-18 19-Jul-18 1st Delivery T-Mullion B1, 19-Jul-18 0 0% 0% 0 A10260 Painting 15-Jun-18 28-Sep-18 15-Jun-18 28-Sep-18 0% 0% A10250 GMS Fabrication 109 21-Apr-18 30-Aug-18 02-Jan-18 A 30.28% -34 11-Oct-18 0% A10270 Packing & Delivery 81 12-Jul-18 18-Oct-18 12-Jul-18 18-Oct-18 0% 0% 0 04A GW with PC Mullion at 2F Courtyard (Bulk) A54530 1st Delivery to Site - GW with PC Mullion at 2F Courtvard 06-Jun-18 06-Jun-18 0% 0% 1st Delivery to Site - GW with PC Mullion at 2F Courtyard, 06 Jun-18 A54520 Production & Fabrication - GW with PC Mullion at 2F Courtyard 180 29-Apr-18 26-Oct-18 02-Jan-18 A 11-Nov-18 17.79% 9% -16

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to	o 02 Jun 2018) (CMWP 8D)																	
ctivity ID	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May		Jul 3:	ne 3	July 34		August 35
			Dui.	(DO) Start	(Do) Fillisti	Torecast Start	FILIST	76 Complete	Complete	(+7-u)	30 07	7 14	21 2	3 04 11	18 25		6 23 30	06 13 20
Glass Produ	ection & Fabrication																	
A10310	Coated Glass Production		63	18-May-18	20-Jul-18	02-Jan-18 A	28-Jul-18	21.87%	9%	-8			_					
A10320	Fabrication of Insulated Glass Panel		19	28-Jul-18	16-Aug-18	28-Jul-18	16-Aug-18	0%	0%	0	1						<u> </u>	
A10330	Delivery of Glass Panel to Site		2	16-Aug-18	18-Aug-18	16-Aug-18	18-Aug-18	0%	0%	0	1		††	+	+			· · · · · · · · · · · · · · · · · · ·
	Production & Fabrication			سنسا	سنحذ									\				
A10350	Aluminium Extrusion Production		106	26-May-18	00 500 18	02-Jan-18 A	07-Sep-18	4.75%	7%	2	4——		1 1	i i				
				-	09-Sep-18					2			1 7			1: : :	- : : :	: : : :
A10340	Die Making - Bulk Production		142	29-Apr-18	18-Sep-18	02-Jan-18 A	12-Sep-18	22.61%	27%	6		\equiv	\vdash	7 1	1 1		- I	
	Ceramic Mullion (GF & 1F) (Bulk)		, ,										<u> </u>	1	1	<u> </u>		
A54540	Production & Fabrication - GW with Ceramic M	ullion (GF & 1F)	220	05-Jan-18	12-Aug-18	02-Jan-18 A	19-Nov-18	66.82%	22%	-99	-		: :	: :		: : :		
Glass Produ	ection & Fabrication																	
A10460	Coated Glass Production		75	08-Jan-18	12-Apr-18	02-Jan-18 A	22-Aug-18	100%	9%	-108		\rightarrow						
A10470	Fabrication of Insulated Glass Panel		110	22-Aug-18	04-Jan-19	22-Aug-18	04-Jan-19	0%	0%	0	-	-						
Alum Frame	Production & Fabrication																	
A10500	Application of PVF2 Coating		6	09-Apr-18	14-Apr-18	03-Jan-18 A	07-Jun-18	100%	10%	-43						 		
					-								1 1	1 1				
A10480	Die Making - Bulk Production		34	04-Oct-17	14-Nov-17	31-Jul-17 A	21-Jun-18	100%	50%	-175				1 1				
A10510	Fabrication of Aluminium Frame to Site		33	17-May-18	27-Jun-18	09-May-18 A	07-Jul-18	35.15%	10%	-8		_	7 1	1 1	-			
A10490	Aluminium Extrusion Production		38	15-Feb-18	07-Apr-18	27-Nov-17 A	13-Jul-18	100%	10%	-78								
Terracotta Pi	roduction																	
A10550	Die Making - Bulk Production		44	11-Sep-17	04-Nov-17	07-Aug-17 A	22-Jun-18	100%	61%	-184		-	;		-			
A10560	Terracotta Production (Bulk)		74	03-Mar-18	04-Jun-18	02-Jan-18 A	25-Aug-18	95.95%	3%	-69					-	1 1 1	\rightarrow	
A10570	Application of PVF2 Coating			15-Jun-18	03-Sep-18	15-Jun-18	03-Sep-18	0%	0%	0	-					i : :		
	crete Facade Die Making		- ·	25 Jun 20	05 5ср 10	15 5011 10	05 5ср 10	0,0	0,0	Ů,								
					11111	42.1	22.1	1000	2111			_	<u> </u>	1 1				
A10580	Precast Concrete Mould Making		_	14-Apr-18	14-May-18	02-Jan-18 A	23-Jun-18	100%	21%	-33			i		<u></u> -	ļi		ļļļļ
A10600	Curing of 1st Lot		5	23-Jun-18	29-Jun-18	23-Jun-18	29-Jun-18	0%	0%	0								
A10590	Aluminium Extrusion Production		87	14-May-18	27-Aug-18	02-Jan-18 A	10-Sep-18	16.35%	3%	-12	:				-		-	
Precast Con	crete Facde																	
A10520	Assemble of Alum Section to Precast Mullion		87	27-Aug-18	08-Dec-18	02-Jan-18 A	07-Sep-18	0%	5%	76		\leftarrow	+ +	+ +		+ + +		
A10530	Delivery of Precast Concrete to Site		112	15-Jun-18	29-Oct-18	15-Jun-18	29-Oct-18	0%	0%	0					بخيف			
05 Ceramic C	concrete Tubes & Perforated Cladding (Bulk)										-		† <u>†</u>		+			!!i
A54610	1st Delivery to Site - Ceramic Concrete Tubes &	Perforate d Cladiding	0	15-Aug-18		15-Aug-18		0%	0%	0	4 :							1st Deliv
					42.4 - 40		26 0					_		1 1		1 1 1		♦ 13t beliv
A54600	Production & Fabrication - Ceramic Concrete Tu	bes & Perrorated Cladding	220	05-Jan-18	12-Aug-18	02-Jan-18 A	26-Dec-18	66.82%	5%	-136	-	ᆕ	1 1				1 11	
	Production & Fabrication		L		4	4					4							
A10650	Aluminium Extrusion Production		45	13-Apr-18	06-Jun-18	02-Jan-18 A	04-Jul-18	88.89%	40%	-22					1			1111
A10660	Application of PVF2 Coating		5	05-Jul-18	10-Jul-18	05-Jul-18	10-Jul-18	0%	0%	0		\perp						
A10640	Die Making - Bulk Production		64	20-Jan-18	12-Apr-18	02-Jan-18 A	01-Aug-18	100%	21%	-91		4				1 1		
A10670	Fabrication of Aluminium Frame to Site		46	11-Jul-18	01-Sep-18	11-Jul-18	01-Sep-18	0%	0%	0	+	$\dot{-}$						
Terracotta Pi	roduction			_														
A10700	Application of PVF2 Coating		56	26-May-18	01-Aug-18	02-Jan-18 A	03-Aug-18	8.93%	6%	-2	4	_	<u>: : : : : : : : : : : : : : : : : : : </u>	: :	صنن	: : :		
A10700 A10680			78					100%	19%	-100						4		
	Die Making - Bulk Production			08-Jan-18	16-Apr-18	02-Jan-18 A	16-Aug-18				-				T			
A10690	Terracotta Production (Bulk)		67	16-Aug-18	06-Nov-18	16-Aug-18	06-Nov-18	0%	0%	0	-							-
Precast Con	crete Facade Die Making										4			\				
A10710	Precast Concrete Mould Making		26	28-May-18	27-Jun-18	02-Jan-18 A	26-Jun-18	15.38%	20%	1		\leftarrow			-			
A10730	Curing of 1st Lot		6	26-Jun-18	04-Jul-18	26-Jun-18	04-Jul-18	0%	0%	0	1			/		-		
A10750	1st Delivery to Site - Ceramic Concrete Tubes		0	15-Aug-18		15-Aug-18*		0%	0%	0	1		T	†	1	11		\$ 1st Deliv
A10720	Concreting of Precast Concrete		88	26-Jun-18	10-Oct-18	26-Jun-18	10-Oct-18	0%	0%	0	1					<u> </u>		
A10740	Assemble of Brackets to Ceramic Concrete Tube	ος	97	26-Jul-18	20-Nov-18	26-Jul-18	20-Nov-18	0%	0%	0	1							
	ylight 3F (Bulk)	-	31	20-301-10	20-140V-10	20-JUI-10	20-1407-10	0/0	0/0	U			/					1 1 1 1
											4	- 1	: /	1 1	1 1			<u> </u>
A19130	Production & Fabrication - Plaza Skylight 3F		150	16-May-18	12-Oct-18	02-Jan-18 A	19-Oct-18	10.67%	6%	-7						4		44
Glass Produ	ction & Fabrication										4							
A18760	Fabrication of Insulated Glass Panel		32	14-May-18	21-Jun-18	09-May-18 A	09-Jul-18	46.88%	5%	-13] =	4						
A18750	Coated Glass Production		72	18-May-18	13-Aug-18	02-Jan-18 A	20-Aug-18	15.28%	8%	-5		÷						
Alum Frame	Production & Fabrication				سنصا	المراجع	سيني				4							
			7, 1				22 1 1 12				4		: :		<u> </u>		1 1	
A18770	Die Making - Bulk Production		55	18-May-18	24-Jul-18	02-Jan-18 A	U/-Jul-1X	20%	46%	14		$\overline{}$			$\overline{}$			
A18770 A18780	Die Making - Bulk Production Aluminium Extrusion Production		55 32	18-May-18 07-Jul-18	24-Jul-18 14-Aug-18	02-Jan-18 A 07-Jul-18	07-Jul-18 14-Aug-18	20%	46%	14 0			·					

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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) (27 May to	02 Jun 2018) (CMWP 8D)																
ID	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		лау 32	·	June 33		July 34		August 35
440700	And the first of MICO Continu					24.4 40			0	30 07	14 21 2	8 04	11 18	25 02	09 16	3 30 0	06 13
A18790	Application of PVF2 Coating	9	14-Aug-18	24-Aug-18	14-Aug-18	24-Aug-18	0%	0%	-								
A18800	Fabrication of Frame Members	32	24-Aug-18	03-Oct-18	24-Aug-18	03-Oct-18	0%	0%	0								
	Skylight Gallery 3F (Bulk)				,		,										
A18810	Production & Fabrication - Strip CW Skylight Gallery 3F	250	04-Jul-18	10-Mar-19	02-Jan-18 A	21-Jan-19	0%	6%	48	ii.							ii-
Glass Produc	ction & Fabrication																
A19150	Coated Glass Production	70	04-Jul-18	22-Sep-18	02-Jan-18 A	18-Aug-18	0%	6%	30						-		\rightarrow
A19160	Fabrication of Insulated Glass Panel	25	18-Aug-18	17-Sep-18	18-Aug-18	17-Sep-18	0%	0%	0								
Alum Frame	Production & Fabrication																
A18830	Die Making - Bulk Production	40	04-Jul-18	20-Aug-18	02-Jan-18 A	05-Jul-18	0%	31%	39			-	-		$\Rightarrow \Rightarrow$		
A18840	Aluminium Extrusion Production	22	05-Jul-18	31-Jul-18	05-Jul-18	31-Jul-18	0%	0%	0			-					
A18850	Application of PVF2 Coating	11	31-Jul-18	13-Aug-18	31-Jul-18	13-Aug-18	0%	0%	0								-
A18860	Fabrication of Frame Members		13-Aug-18	24-Sep-18	13-Aug-18	24-Sep-18	0%	0%	0								
07 L3 Storefro		30	13-Aug-10	24-3cp-10	13-Aug-10	24-3cp-10	070	070	Ü								
A18880			45 4 - 40	1	45 Ave 40		0%	00/	0								•
	1st Delivery to Site - L3 Storefront		15-Aug-18		15-Aug-18			0%	-			11.	<u>ii.</u>	<u>i.</u>	<u>ll.</u>	<u></u>	🕏 1st i
A18870	Production & Fabrication - L3 Storefront	260	07-Jan-18	23-Sep-18	02-Jan-18 A	31-Jan-19	55.77%	6%	-129	1 1	1 1		1 1	1 1	1 1	TT 1	$\overline{}$
	tion & Fabrication				,												
A19180	Fabrication of Insulated Glass Panel	66	11-May-18	30-Jul-18	02-Jan-18 A	15-Aug-18	25.76%	6%	-13		1 1	1 : :	1 1	1: :	: :	7 :	-
A19170	Coated Glass Production	100	05-Jan-18	10-May-18	02-Jan-18 A	21-Sep-18	100%	5%	-112		- : :			1: :			-
Alum Frame	Production & Fabrication																
A18890	Die Making - Bulk Production	63	01-Apr-17	22-Jun-17	04-Jan-17 A	13-Jun-18	100%	82.57%	-290								
A18910	Application of PVF2 Coating	14	15-Feb-18	06-Mar-18	02-Jan-18 A	15-Jun-18	100%	10%	-81	+ +			-				
A18900	Aluminium Extrusion Production	24	18-Jan-18	14-Feb-18	02-Jan-18 A	21-Jun-18	100%	30%	-99			i i					
A18920	Fabrication of Frame Members	48	07-Mar-18	07-May-18	02-Jan-18 A	26-Jul-18	100%	5%	-66			-					
	llery Ceramic Cladding 3F (Bulk)	40	07 IVIG. 10	or may 15	02 3011 1071	20 341 10	100%	370	00								
		250	42 1 40	20.540	42 1 40 4	40 Feb 40	52.620/	20/	424	ii.	<u>ii</u>		<u>i.</u>	<u>lii.</u>	<u>ii.</u>	<u>i.li.</u>	
A19190	Production & Fabrication - Garden Gallery Ceramic Cladding 3F	259	13-Jan-18	29-Sep-18	13-Jan-18 A	10-Feb-19	53.63%	2%	-134							$\overline{1}$	\top
	duction & Fabrication (SS)		,				,								_		
A18930	Production & Fabrication	34	12-Jan-18	23-Feb-18	09-Jan-18 A	12-Jul-18	100%	0%	-111						"		
A18940	Delivery of SS Bracket to Site	6	13-Jul-18	19-Jul-18	13-Jul-18	19-Jul-18	0%	0%	0			-			-		
Terracotta Pr	oduction & Fabrication																
A18950	Terracotta Production	44	12-Jan-18	07-Mar-18	12-Jan-18 A	20-Jul-18	100%	9%	-107	: :		1		1: :			
A18960	Delivery to assemble factory	4	20-Jul-18	25-Jul-18	20-Jul-18	25-Jul-18	0%	0%	0	+ +							
A18970	Assemble of bracket to Ceramic Cladding	32	25-Jul-18	31-Aug-18	25-Jul-18	31-Aug-18	0%	0%	0]				<u>نب ب</u>	
09 North Perin	neter Louvre Cladding (Bulk)									-	-						
A19210	Production & Fabrication - North Perimeter Louvre Cladding (1st batch)	100	13-Apr-18	21-Jul-18	13-Jan-18 A	06-Sep-18	49%	2%	-47			1		- 1: :			\rightarrow
	ouvre Production & Fabrication					33 33p 23											
A18990	Die Making - Bulk Production	58	12-Jan-18	23-Mar-18	05-Jan-18 A	02-Aug-18	100%	12%	-104	1 1		1 1					
A19000	Aluminium Extrusion Production	40	03-Jul-18		03-Jul-18	18-Aug-18	0%	0%	0								
				18-Aug-18					-			1				$\overline{\Box}$	<u>_</u>
A19010	PVF2 Paint Ordering	11	18-Aug-18	31-Aug-18	18-Aug-18	31-Aug-18	0%	0%	0								
A19020	Application of PVF2 Coating	11	31-Aug-18	13-Sep-18	31-Aug-18	13-Sep-18	0%	0%	0								
0 Doors (Bul	<u>k)</u>																
A19230	Production & Fabrication - Doors	120	16-Aug-18	10-Jan-19	16-Aug-18	10-Jan-19	0%	0%	0			-					
Doors Produ	ction & Fabrication																
A19060	Die Making	79	06-Mar-17	14-Jun-17	03-Jun-17 A	13-Aug-18	100%	24%	-346			-	++	1: :	-	+++	-
A19120	Delivery Doors to Site (Bulk)	12	18-Aug-18	01-Sep-18	18-Aug-18	01-Sep-18	0%	0%	0								
A19070	Aluminium Extrusion Production	80	13-Aug-18	17-Nov-18	13-Aug-18	17-Nov-18	0%	0%	0	1							
	nt and Podium																
ower Crane f																	
	C2 (Truss 1 & 2, Podium, Tower Construction)																
TC2 2nd Jack		1								<u>i</u>	<u>ii</u>		<u>ii</u>	<u>li.</u>	<u>ll</u>	<u></u>	
A64590	TC2 2nd Operational Period	112	20-Apr-18	03-Sep-18	20-Apr-18 A	31-Aug-18	30.24%	31.52%	1			1		1			$\overline{}$
	C3 (Truss 3 & 4, AEL South Podium Construction)																
TC3 Erection																	
100 Liection													1 1	10 5		1 1 1	1 1
A64600	TC3 Operational Period	74	25-Oct-17	23-Jan-18	08-Oct-16 A	12-Jun-18	100%	87%	-111			; ;	1 1				

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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ID	02 Jun 2018) (CMWP 8D)												<u> </u>
	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32	June 33	July August 35
A59940	Diamonta TC2 /often Dedices Tone C structure consulate)	1	12 lun 10	12 lun 10	12 lun 10	42 lun 40	00/	00/		30 07	14 21	28 04 11 18 25	02 09 16 23 30 06 13
	Dismantle TC3 (after Podium Zone G structure complete) C6 (Truss 3 & 4, Podium & Tower Construction)	1	12-Jun-18	13-Jun-18	12-Jun-18	13-Jun-18	0%	0%	0			~ •	
	C6 (Truss 3 & 4, Podium & Tower Construction)												
TC6-2													
A64620	TC6-2 Operational Period	282	27-Dec-17	07-Dec-18	16-Nov-17 A	29-Jan-19	44.01%	29.18%	-42		-		
ritical Key Da													
	ates - Podium Structure RC Works												
31/F													
A10975	Complete Zone A4-A5 - B1/F Slab, Wall & Columns	0		05-Jun-18		05-Jun-18	0%	0%	0	1		Complete Zone A4-A	5 - B1/F Slab, Wall & Columns,
A12090	Complete Zone D1 - B1 Slab, Wall & Columns	0		06-Jun-18		06-Jun-18	0%	0%	0			Complete Zone D1	- B1 Slab, Wall & Columns,
A11810	Complete Zone H - B1/F Slab, Wall & Columns	0		07-Jun-18		07-Jun-18	0%	0%	0			Complete Zone H -	B1/F Slab, Wall & Columns,
A12700	Complete Zone J - B1/F Slab, Wall & Columns	0		27-Jun-18		27-Jun-18	0%	0%	0	1		*	Complete Zone J - B1/F Slab, Wall & Columns,
12270	Complete Zone Q - B1/F Slab, Wall & Columns	0		29-Jun-18		29-Jun-18	0%	0%	0				Complete Zone Q - B1/F Slab, Wall & Columns,
12220	Complete Zone B - B1/F Slab, Wall & Columns	0		07-Jul-18		07-Jul-18	0%	0%	0				Complete Zone B - B1/F \$lab, Wall & Co
12330	Complete Zone K & L - B1/F Slab, Wall & Columns	0		10-Jul-18		10-Jul-18	0%	0%	0	1			Complete Zone K & L - B1/F \$lab, Wa
/F	Complete Zone K & E - B1/1 Slab, Wall & Columns	•		10-341-10		10-501-10	070	070	•				Complete Zone K & 2 - B1/1 3lab, Wa
	Complete Zone M. C/E Clob Moll 9 Columns (C/Z C/E E)			00 Jun 10		00 1 40	001	000		ļ			ALC/S CIAN MALL & CALL AND ACCURATE AND ACCU
11950	Complete Zone M - G/F Slab, Wall & Columns (GL7-8/D-E)	0		09-Jun-18		09-Jun-18	0%	0%	0				A G/F Slab, Wall & Columns (GL7-8/D-E),
11110	Complete Zone A - G/F Slab, Wall & Columns	0		13-Jun-18		13-Jun-18	0%	0%	0			i i v i i	ne A - G/F Slab, Wall & Columns,
11955	Complete Zone N - G/F Slab, Wall & Columns (GL7-8/L-M)	0		13-Jun-18		13-Jun-18	0%	0%	0			Complete Zo	ne N - G/F Slab, Wall & Columns (GL7-8/L-M),
12010	Complete Zone C - G/F Slab, Wall & Columns	0		07-Jul-18		07-Jul-18	0%	0%	0				Complete Zone C - G/F Slab, Wall & Colu
12290	Complete Zone Q - G/F Slab, Wall & Column	0		19-Jul-18		19-Jul-18	0%	0%	0				Complete Zone Q - G/F Slab,
12230	Complete Zone B - G/F Slab, Wall & Column	0		26-Jul-18		26-Jul-18	0%	0%	0				Complete Zone B - G/F
12710	Complete Zone J - G/F Slab, Wall & Column incld De-Prop	0		30-Jul-18		30-Jul-18	0%	0%	0				Complete Zone J
12630	Complete Zone G - G/F Beam & Slab incld De-Prop	0		02-Aug-18		02-Aug-18	0%	0%	0				Complete Zone
12100	Complete Zone D1 - G/F Slab, Wall & Columns incld. De-Prop	0		10-Aug-18		10-Aug-18	0%	0%	0	1			Complet
12180	Complete Zone D2 - G/F Slab, Wall & Columns incld De-Prop	0		20-Aug-18		20-Aug-18	0%	0%	0				8
12420	Complete Zone P - G/F Slab & Column incld De-Prop	0		20-Aug-18		20-Aug-18	0%	0%	0	····			-
/F													
A12720	Complete Zone J - 1/F Slab, Wall & Column incld De-Prop	0	1	26-Jul-18		26-Jul-18	0%	0%	0				Complete Zone J - 1/F
A12640	Complete Zone G - 1/F Slab, Wall & Column incld De-Prop	0		02-Aug-18		02-Aug-18	0%	0%	0				★ Gomplete Zone
M/F	Complete 201e d = 1/ F 31ab, Wall & Column Inclu De-Frop	0		02-Aug-18		02-Aug-18	078	0/8	0				♦ domplete zone
12440	Complete Zone P - 1M/F Slab, Wall & Column incld De-Prop	0		08-Jun-18		08-Jun-18	0%	0%	0	ļ		♠ Complete Zone P	- 1M/F Slab, Wall & Column incld De-Prop,
A12730	Complete Zone J - 1M/F Slab, Wall & Column incld De-Prop	0		12-Jun-18		12-Jun-18	0%	0%	0	1		1 V 1 1 1	ne) - 1M/F Slab, Wall & Column incld De-Prop,
				12-Juli-10		12-Juil-10	*/-	0%	0	-		Complete Zon	
				00 1 - 10		00 1 - 10				1			
	Complete Zone G - 1M/F Slab incld De-Prop	0		06-Aug-18		06-Aug-18	0%			1 :			Complete Zo
12240	Complete Zone B - 1M/F Slab, Wall & Column	0		14-Aug-18		14-Aug-18	0%	0%	0				Complete 20
12240 12300													
12240 12300	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column	0		14-Aug-18 25-Aug-18		14-Aug-18 25-Aug-18	0%	0%	0				\$ Com
12240 12300 = 12740	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column	0 0		14-Aug-18 25-Aug-18 27-Jun-18		14-Aug-18 25-Aug-18 27-Jun-18	0% 0%	0% 0%	0 0			1 1 1 1 7	\$ Com
12240 12300 = 12740 12450	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Beam & Slab incld De-Prop	0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18	0% 0% 0%	0% 0% 0%	0 0	<u> </u>		1 1 1 1 7	Complete Zone J - 2/f Slab, Wall & Column, Complete Zone P - 2/f Beam & Slab iricld Del-P
12240 12300 12740 12450 12310	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Beam & Slab incld De-Prop Complete Zone Q - 2/F Slab, Wall & Column	0 0 0 0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18	0% 0% 0% 0% 0%	0% 0% 0% 0% 0%	0 0 0 0 0			1 1 1 1 7	complete Zone J - 2/F Slab, Wall & Column, Complete Zone P - 2/F Beam & Slab incld De-P Complete Zone P - 2/F Beam & Slab incld De-P
12240 12300 12740 12450 12310	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Beam & Slab incld De-Prop	0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18	0% 0% 0%	0% 0% 0%	0 0			1 1 1 1 7	complete Zone J - 2/F Slab, Wall & Column, Complete Zone P - 2/F Beam & Slab incld Del-P Complete Zone P - 2/F Beam & Slab incld Del-P
12240 12300 12740 12740 12450 12310	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Beam & Slab incld De-Prop Complete Zone Q - 2/F Slab, Wall & Column Complete Zone B - 2/F Slab, Wall & Column	0 0 0 0 0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18	0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0%	0 0 0 0 0 0 0				\$ Com Gomplete Zone J - 2/F Slab, Wall & Column, \$ Complete Zone P - 2/F Beam & Slab incld De-P \$ Complete Z \$ Com
12240 12300 12740 12450 12310 12250	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Slab, Wall & Column Complete Zone Q - 2/F Slab, Wall & Column Complete Zone B - 2/F Slab, Wall & Column Complete Zone B - 2/F Slab, Wall & Column	0 0 0 0 0 0 0 0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18	0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0%	0 0 0 0 0 0			💲 Complete Zone K	\$ Complete Zone J - 2/f Slab, Wall & Column, \$ Complete Zone P - 2/f Beam & Slab incld De P \$ Complete Zone P - 2/f Complete Z \$ Complete Z \$ Complete Z
12240 12300 12740 12740 12310 12250 12390 12600	Complete Zone B - 1M/F Slab, Wall & Column Complete Zone Q - 1M/F Slab, Wall & Column Complete Zone J - 2/F Slab, Wall & Column Complete Zone P - 2/F Slab, Wall & Column Complete Zone P - 2/F Slab, Wall & Column Complete Zone B - 2/F Slab, Wall & Column Complete Zone B - 2/F Slab, Wall & Column Complete Zone K & L -3/F Slab, Wall & Column Complete Zone K & L -3/F Slab, Wall & Column incld De-Prop Complete Zone E1 - 3/F Beam & Slab incld De-Prop (GL 11-10/C-D)	0 0 0 0 0 0		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18 08-Jun-18		14-Aug-18 25-Aug-18 27-Jun-18 30-Jun-18 07-Aug-18 14-Aug-18 08-Jun-18	0% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0%	0 0 0 0 0 0 0 0			\$ Complete Zone K	Complete Zone J - 2/F Slab, Wall & Column, Complete Zone P - 2/F Beam & Slab iricld De-P Complete Z Com Complete Z
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Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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M+ Basement & Podium Structure RC Works Podium Structure Zone A, M, N & H (Non-deferred Zone Parallel w/ Trusses) Zone A Structure B1 Level (updated as of 16 Dec 2016) A10965 Zone AS Wall & Column to B1 slab level (industrial Space) B1-GF Level A11020 Zone AS Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
Podium Structure Zone A, M, N & H (Non-deferred Zone Parallel w/ Trusses) Zone A Structure B1 Level (updated as of 16 Dec 2016) A10965 Zone AS Wall & Column to B1 slab level (industrial Space) 18 24-Jun-17 15-Jul-17 21-Jun-17 A 05-Jun-18 100% 82% -262 B1-GF Level A11020 Zone AS Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
Zone A Structure B1 Level (updated as of 16 Dec 2016) A 10965 Zone A5 Wall & Column to B1 slab level (industrial Space) 18 24-Jun-17 15-Jul-17 21-Jun-17 A 05-Jun-18 100% 82% -262 B1-GF Level A 11020 Zone A5 Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
B1 Level (updated as of 16 Dec 2016) A10965 Zone A5 Wall & Column to B1 slab level (Industrial Space) 18 24-Jun-17 15-Jul-17 21-Jun-17 A 05-Jun-18 100% 82% -262 B1-GF Level A11020 Zone A5 Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
A 10965 Zone A5 Wall & Column to B1 slab level (Industrial Space) 18 24-Jun-17 15-Jul-17 21-Jun-17 A 05-Jun-18 100% 82% -262 B1-GF Level A 11020 Zone A5 Wall & Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
B1-GF Level A11020 Zone A5 Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
A11020 Zone A5 Wall, Column & GF Slab (GL 3-6/D-H) 102 04-Sep-17 08-Jan-18 04-Mar-17 A 13-Jun-18 100% 90% -125 Zone H @GL 11-14/H-M	
Zone H @GL 11-14/H-M	
GL-3F (GL L-M)	
A11130 Construct Wall, Cdumn & 3F slab (GL 11-14/L-M) 12 13-Apr-18 26-Apr-18 26-Mar-18 A 08-Jun-18 100% 45% -35	
GF-3F (GL 11-14-IH-L)	
A17382 Construct B1 Slab (GL 11-12/G-M & GL 11-14/H-M) 12 18-Nov-17 01-Dec-17 08-Aug-17 A 07-Jun-18 100% 55% -148	
A17360 Construct 2F slab (GI 11-14/H-I) 14 21-Anr-18 09-Mats 18 09-Anr-18 11-lun-18 100% 40% -27	+
A17370 Construct Wall, Cdumn & 3F slab (GL 11-14/H-L) 19 09-May-18 01-Jun-18 23-Apr-18 A 21-Jun-18 95.79% 15% -15	
A17384 Construct Wall, Cdumn & GF slab (GL 11-13/HM) 13 07-Jun-18 23-Jun-18 0% 0% 0 12784	
	.ructure,
A17380 Construct Shading Structure Wall, Column & Roof slab (GL 11-13/H-K) 11 21-Jun-18 05-Jul-18 05-Jul-18 0% 0% 0	
G.L. K-L / 8-11 (Non-deferred area)	
A64970 Construct 2F-3F walls, columns, beam, 3F slab 16 14-May-18 01-Jun-18 12-Apr-18 A 02-Jun-18 93.75% 90% -1	
60-Seat Cinema (G.L. 10-11 / J-K)	
A64930 Construct B1F-LGF walls, columns, 60-seat cinema inclined slab, LGF slab 36 16-Jun-18 31-Jul-18 0% 0% 0 A64930	
Podium Structure Zone B, C, D & Q (Deferred Zone @ 15 & T1)	=
Zone C @ GL 1-5/H-K	-
A42910 Complete Zone C Structure (Propping Zone until C1 1MF is completed) 0 07-Jul-18 07-Jul-18 0% 0 0	=
A15940 Stage 6 - Construct wall, column & GF slab (GL 7*-5/H-K) 24 07-Jun-18 07-Jul-18 07-Jul-18 07-Jul-18 0% 0% 0	Structure (Propping Zone
Zone D @GL 1-5/K-M and @GL 5-7/H-M	Structure (Propping Zone
	Structure (Propping Zone
Zone D1 (GL 1-5/K-M)	Structure (Propping Zone
Zone D1 (GL 1-5/K-M) A15110 Stage 10 Construct well column 9, 91 chb (GL 7' 5 // M)	Structure (Propping Zone
A16110 Stage 10 - Construct wall, cdumn & B1 slab (GL7'-5/K-M) 11 13-Apr-18 25-Apr-18 04-Apr-18 A 06-Jun-18 100% 60% -33	Structure (Propping Zond
	Structure (Propping Zone

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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A59290 CA59300 CA59280 I A56730 CA56780 E	Stage 12 - De-prop GF (GL 1-5/K·M) mal Wall (C) & Carriage Wall (A&B) - (GL 1-7 K·L) Construct External Wall (C) -L 1-5/M & Carraigeway Wall (B) @GL 1-7/K·L	Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	30 07	14	21 2	8 04	11 1	18 2	25 0	2 09	1 16	3 23	23 3	0 06	1 13	_
A59290 CA59300 CA59280 I A56730 CA56780 E	mal Wall (C) & Carriage Wall (A&B) - (GL 1-7 K-L)	3									_				_	_	-	-	-	_		+	1
A59290 C A59300 C A59280 I A56730 C			07-Aug-18	10-Aug-18	07-Aug-18	10-Aug-18	0%	0%	0			-	-								-		
A59300 C A59280 I A56730 C A56780 E	Construct External Wall (C)-GL 1-5/M & Carraigeway Wall (B) @GL 1-7/K-L										1	L]]]				_
A59280 I A56730 C A56780 E	construct external war (c) of 1 sylvia carraigency war (b) g of 1 sylvia	22	07-Feb-18	07-Mar-18	28-Dec-17 A	09-Jun-18	100%	65%	-75	:													
A56730 C	Complete External Wall @GL 1-7/M & H/O M13 & M14	0		09-Jun-18		09-Jun-18	0%	0%	0		+		8	Complet	te Exter	na	II @GL	1-7/M	1 & H/C	O M13	& M14,		
A56780 E	Install void former on AEL tunnel @G L 1-5/M and 1-5/K-L	12	09-Jun-18	23-Jun-18	09-Jun-18	23-Jun-18	0%	0%	0				<u> </u>	-									
	Construct carriage wall (A)/column/GF Slab (GL 1-5/K-M)	74	23-May-18	20-Aug-18	16-May-18 A	07-Aug-18	10.41%	25%	11			; =	1	-	_	ı.	-	-	#	-	_	÷	=
one D2 Exter	De-prop/Remove Falsework/Sand Blow-out	16	07-Aug-18	23-Aug-18	07-Aug-18	23-Aug-18	0%	0%	0	1			<								-	—	
	rnal Wall (C) & Carriage Wall (A&B) - (GL 5-7 K-L)																						
A59510 I	Install void former /Construct Carriage External Wall (C&B)-GL 5-7/K-L	37	10-Jul-18	16-Aug-18	23-May-18 A	17-Jun-18	0%	55%	60			-	+ +	_			=	\Rightarrow	$\dot{=}$		-	÷	
A16055 E	Excavate / Construct Retaining Wall (GL 5-7/H-K)	22	04-Jun-18	29-Jun-18	04-Jun-18	29-Jun-18	0%	0%	0	1				÷	_	-							
A16120 I	Install void filler material on AEL Tunnel (GL 5-8/J-L)	12	30-Jun-18	14-Jul-18	30-Jun-18	14-Jul-18	0%	0%	0	1						-	Ė	4					
A16130 C	Construct carriage wall (A) (GL 5-8/J -L)	30	16-Jul-18	18-Aug-18	16-Jul-18	18-Aug-18	0%	0%	0	1											_		ı
A16140 [Depprop/Remove Falsework/Sand Blow-out	16	20-Aug-18	06-Sep-18	20-Aug-18	06-Sep-18	0%	0%	0		1		J-++									1	-
one D2 (GL 5	5-7/H-M)												11 1										
A16280 S	Stage 11 - Removal of stability prop & de-prop 3F falsework (GL 5-7/H-M)	5	11-May-18	17-May-18	01-May-18 A	02-Jun-18	100%	70%	-13	.	-		•										-
	Stage 12 - Construct wall, column & GF slab (GL 5-8/K-M)	21	16-Jul-18	08-Aug-18	16-Jul-18	08-Aug-18	0%	0%	0										<u></u>	- 1	_		
	Stage 12 - GF concrete curing	7	09-Aug-18	16-Aug-18	09-Aug-18	16-Aug-18	0%	0%	0												Τ,	_	
	Stage 12 - De-prop GF (GL 5-8/H-M)	3	16-Aug-18	20-Aug-18	16-Aug-18	20-Aug-18	0%	0%	0		·											-	i
	Complete Zone D2 Structure	0	10 7 10 10	20-Aug-18	10 / 10g 10	20-Aug-18	0%	0%	0	1												-	;
	Stage 12 - De-prop carriage wall (GL 1-8/M)	3	16-Aug-18	20-Aug-18 20-Aug-18	16-Aug-18	20-Aug-18 20-Aug-18	0%	0%	0														
ne B @5-7/E-		3	16-Aug-18	20-Aug-16	16-Aug-18	20-Aug-18	U%	U%	U													-	
							***										_						
	Stage 1 - Construct 1M slab (GL 5-7/E-J)	19	14-Jun-18	07-Jul-18	14-Jun-18	07-Jul-18	0%	0%	0	ļļ	.ļ	ļļ						<u>i</u>	<u></u>				- {
	Stage 2 - Construct 1MF-2F wall, column & GF slab (GL 5-7/E-J)	16	09-Jul-18	26-Jul-18	09-Jul-18	26-Jul-18	0%	0%	0								_	〒	〒	<u>.</u> :_			
	Stage 3 - Construct B1 slab (GL 5-7/E-J)	16	27-Jul-18	14-Aug-18	27-Jul-18	14-Aug-18	0%	0%	0											-	-	₹	
	Stage 4 - Construct 2F-3F wall, column (GL5-7/E-J)	16	27-Jul-18	14-Aug-18	27-Jul-18	14-Aug-18	0%	0%	0											=	7	₹_	
	Stage 5 - Construct B1-GF wall, column & GF-1MF Hanger Column (GL 5-7/E-J)	9	15-Aug-18	24-Aug-18	15-Aug-18	24-Aug-18	0%	0%	0													-	Ę
	Stage 6 - De-prop Zone B (GL 5-7/E-J)	3	25-Aug-18	28-Aug-18	25-Aug-18	28-Aug-18	0%	0%	0	li	<u>.j</u> .	L											
48010	Complete Zone B Structure	0		28-Aug-18		28-Aug-18	0%	0%	0														
ne Q @5-7/D)-F																						
16350	Stage 1 - Construct 1M wall, column & slab (GL 5-7/D-F)	16	09-Jun-18	29-Jun-18	09-Jun-18	29-Jun-18	0%	0%	0					-	-	■							
16360 5	Stage 2 - Construct 1MF-2F wall, column & GF slab (GL 5-7/D-F)	16	29-Jun-18	19-Jul-18	29-Jun-18	19-Jul-18	0%	0%	0							-	-	-	.				-
16380	Stage 3 - Construct 2F-3F wall, column (GL5-7/D-F)	16	19-Jul-18	07-Aug-18	19-Jul-18	07-Aug-18	0%	0%	0	1									-	-			
16370 S	Stage 4 - Construct B1 slab (GL 5-7/D-F)	16	07-Aug-18	25-Aug-18	07-Aug-18	25-Aug-18	0%	0%	0														į
16390 5	Stage 5 - Construct B1-GF wall, column & GF-1MF Hanger Column (GL 5-7/D-F)	16	25-Aug-18	13-Sep-18	25-Aug-18	13-Sep-18	0%	0%	0]										1
lium Structu	re Zone K, L & P (Deferred Zone Near T1 & T2)																						
ne P (Revise	ed Sequence) @GL 8-11/D-H																						
/B45 Constru	uction																						
A60019 [Deprop WB45, WB44, 1MF slab & beams (GL 8-11/D-F) - Section A, B & C	12	27-Apr-18	11-May-18	25-Apr-18 A	07-Jun-18	100%	50%	-22		,											-	-
/B11 Constru										\													
A60060 E	De-prop 1MF (GL 8-11/F-H) (together w/ Zone K & L)	7	30-Apr-18	09-May-18	25-Apr-18 A	01-Jun-18	100%	90%	-19		-		•										
	Construct 2F wall, column & 3/F slab (GL 8-11/D-H)	13	30-Apr-18	16-May-18	24-Apr-18 A	08-Jun-18	100%	50%	-19				—										
	3F Concrete Curing	7	08-Jun-18	15-Jun-18	08-Jun-18	15-Jun-18	0%	0%	0		_] 📥	_									
	De-prop 2F (GL 8-11/D-J)	12	15-Jun-18	30-Jun-18	15-Jun-18	30-Jun-18	0%	0%	0	 	÷		+									+	- {
	Construct GF column & slab (GL 8-11/E-H)	20	04-Jul-18	27-Jul-18	04-Jul-18	27-Jul-18	0%	0%	0	1				T		٦.	خ	خ	يند	.			
	GF Concrete Curing	20	27-Jul-18	30-Jul-18	27-Jul-18	30-Jul-18	0%	0%	0	1						'	T	\top	\top				
		12	30-Jul-18		27-Jul-18 30-Jul-18	30-Jul-18 13-Aug-18	0%	0%	0													4	
	Construct 1F hanger column & walls (GL 9-11/D-J)			13-Aug-18							1										1	7	-
	De-prop 1F (GL 9-11/D-J)	3	13-Aug-18	16-Aug-18	13-Aug-18	16-Aug-18	0%	0%	0				ļ										į
	De-prop GF (GL 8-11/D-J)	3	16-Aug-18	20-Aug-18	16-Aug-18	20-Aug-18	0%	0%	0														1
	Construct Found Space	26	13-Aug-18	12-Sep-18	13-Aug-18	12-Sep-18	0%	0%	0														4
-	II @ GL 8-11/D-F												1 _ 1										
	Stage 4 - Remove strut @ GL 8-11/D-F	2	04-Jun-18	06-Jun-18	04-Jun-18	06-Jun-18	0%	0%	0		1												
	Stage 4 - Excavate existing GF @ +5mPD to +2mPDF @ GL 8-11/D-F	11	06-Jun-18	20-Jun-18	06-Jun-18	20-Jun-18	0%	0%	0	I	J	L]	[]			
A64020 S	Stage 4 - Construct retaining wall @B2F +1 to +2mPD @ GL 8-11/D-F	6	20-Jun-18	27-Jun-18	20-Jun-18	27-Jun-18	0%	0%	0														1

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	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	3	2		33			34		35
A64040	Stage 4 - Construct retaining wall @B2F +2 to +6mPD @GL 8-11/D-F	9	11-Jul-18	21-Jul-18	11-Jul-18	21-Jul-18	0%	0%	0	30 07	14 21	28 04	11	8 25	02 09	16 23	3 30 0	6 13
	Revised Sequence) @GL 8-11/H-M (K, L & P de-prop together)	,	11-301-10	21-Jul-18	11-301-18	21-701-18	078	076	0			1			(\top		
A60217	Stage 8 - Deprop WB11 (GL 9-10/H-K) & 1MF beam & 2F slab (GL 8-10/H-M)	6	27-Apr-18	04-May-18	23-Apr-18 A	02-Jun-18	100%	70%	-24									
60260	Stage 10 - De-prop 2F (GL 8-11/H-M)		04-Jun-18	12-Jun-18	26-Feb-18 A	08-Jun-18	0%	2.99%	3						l			
A60220	Stage 9 - Propping & Construct 2F column, wall & 3F slab (GL 8-11/H-M)	25	02-May-18	01-Jun-18	23-Apr-18 A	12-Jun-18	96,44%	60%	-9	1 1								
A60218	Stage 8 - Construct B1 slab (GL 8-11/H-K)	25	08-Jun-18	10-Jul-18	08-Jun-18	10-Jul-18	0%	0%	0			T i 🛁						
A60225	Stage 9 - Construct GF slab (GL 8-11/H-M)	25	13-Jun-18	13-Jul-18	13-Jun-18	13-Jul-18	0%	0%	0			1 7		- :				
A60230	Stage 10 - Construct GF hanger column & wall (GL 8-11/H-M)	23	14-Jul-18	09-Aug-18	14-Jul-18	09-Aug-18	0%	0%	0				\Box					
A60250	Stage 10 - Constitute of Hanger Column & Wall (GL 8-11/17-W)	17	10-Aug-18	26-Aug-18	10-Aug-18	26-Aug-18	0%	0%	0						j			<u> </u>
A60255	Stage 10 - Gr Concrete curing Stage 10 - De-prop GF (GL 8-11/H-M)		27-Aug-18	01-Sep-18	-	01-Sep-18	0%	0%	0									
	Stage 10 - De-prop GF (GL 8-11/H-M) ema (G.L. 8-10 / H-K)	ь	27-Aug-18	01-Sep-18	27-Aug-18	01-Sep-18	U%	0%	U									
																	ш !	
A64990	Construct LGF-GF walls, columns, beam, GF slab		14-Jul-18	01-Aug-18	14-Jul-18	01-Aug-18	0%	0%	0							1 1	╗╧	
A65000	Construct GF hanger columns	16	02-Aug-18	20-Aug-18	02-Aug-18	20-Aug-18	0%	0%	0	ļļļ.					ļ			
A64980	Construct B1F-LGF walls, columns, 180-seat cinema inclined slab, LGF slab	38	21-Aug-18	05-Oct-18	21-Aug-18	05-Oct-18	0%	0%	0			.						
	cure Zone E, G & J (Deferred Zone Near T3 & T4)																	
	necting Zone @GL 8-11/C-D				,		,											
17050	Stage 9 - De-prop GF (GL 14-13/A-G) & 3F (GL 13-11/A-G)	3	16-May-18	19-May-18	26-Feb-18 A	01-Jun-18	100%	90%	-10			1						
A17060	Stage 9 - Complete De-propping 1MF for E1 & E2	0		15-Jun-18		15-Jun-18	0%	0%	0	ļļ.		1	\$ Sta	ge 9 - Cor	nplete De-p	ropping 1MF	F far E1 & E2	, <u> </u>
A65190	Stage 8 - Construct B1/F slab	12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0			 						
A17030	Stage 9 - Construct B1-GF wall,column & slab (GL 11-10/G-D)	16	17-May-18	05-Jun-18	23-Apr-18 A	16-Jun-18	75%	30%	-10	1 :				_				
A17040	Stage 8 - 1F, GF, 2/F & 3F slab Concrete Curing	7	17-Jun-18	24-Jun-18	17-Jun-18	24-Jun-18	0%	0%	0			A170	040					
A17025	Stage 9- Construct GF-1F Wall/Column Slab (GL 11-8/C-D)	16	19-Jun-18	07-Jul-18	19-Jun-18	07-Jul-18	0%	0%	0					_				
one G @GL	11-14/A-F (Revised Sequence)																	
A63000	Complete Zone G Structure	0		06-Aug-18		06-Aug-18	0%	0%	0								8	Complete
GL 11-14/B-E	E (B1 to L3)																	
A63200	Construct B1-GF Wall/Column/Slab and above 3/F Structure	11	15-Jun-18	28-Jun-18	02-May-18 A	08-Jun-18	0%	40%	16				>	ا بـــــ				
A63220	Construct B1 Slab	16	08-Jun-18	28-Jun-18	08-Jun-18	28-Jun-18	0%	0%	0									- 1
A63280	Construct GF-1F Wall/Column/Slab, Hanger Column to 1MF	16	28-Jun-18	18-Jul-18	28-Jun-18	18-Jul-18	0%	0%	0						ضغ	<u> </u>		
A63250	Stage 8 - Construct escalator structure (GL 12-11/D)	7	18-Jul-18	26-Jul-18	18-Jul-18	26-Jul-18	0%	0%	0	1 1 1								
A63260	Stage 8 - GF, 1F & escalator structure Concrete Curing	7	26-Jul-18	02-Aug-18	26-Jul-18	02-Aug-18	0%	0%	0							1		
A63270	Stage 9 - De-prop 1F & escalator structure	3	02-Aug-18	06-Aug-18	02-Aug-18	06-Aug-18	0%	0%	0]						
one J @ GL												1						
A46350	Construct 2F Slab (GL 11-14/E-H)	20	12-Apr-18	07-May-18	12-Mar-18 A	08-Jun-18	100%	65%	-28		: :							
A46340	Construct WB15 (GL F- H+) ,1MF Slab, Wall, Column (GL 11-14/E-H)	24	09-Feb-18	12-Mar-18	25-Apr-18 A	12-Jun-18	100%	60%	-73				• · · · † · ·		f			
A46355	De-prop 1MF (GL 12-14/E-H)	3	09-Jun-18	12-Jun-18	09-Jun-18	12-Jun-18	0%	0%	0									
A46360	Construct Wall, Column & 3F slab (GL 11-14/E-H)	12	09-Jun-18	23-Jun-18	09-Jun-18	23-Jun-18	0%	0%	0]						
A46370	Construct B1 slab (GL 11-14/E-H)	12	13-Jun-18	27-Jun-18	13-Jun-18	27-Jun-18	0%	0%	0	1								
A46380	Construct Wall, Column & LGF, (Cinema), GF slab (GL 11-14/F-H)		28-Jun-18	13-Jul-18	28-Jun-18	13-Jul-18	0%	0%	0				\Box		p i			
A46400	Construct Wall, Column 1F (GL 11-14/F-H)	8	14-Jul-18	23-Jul-18	28-Juli-18	23-Jul-18	0%	0%	0	 -					····	-		
A46410	1 1 1	3	24-Jul-18	26-Jul-18	14-Jul-18 24-Jul-18	26-Jul-18	0%	0%	0							T.	.	
	De-prop 1F (GL 11-14/F-H)						0%	0%	0							-		
A46415	De-prop GF (GL 11-14/F-H)	3	27-Jul-18	30-Jul-18	27-Jul-18	30-Jul-18												
A46420 Auditorium	Complete Zone J Structure	0		30-Jul-18		30-Jul-18	0%	0%	0								Compl	ete Zone J
										ļļ		.	-		<u> </u>	<u></u>		
A60270	Construct auditorium beam & slab (GL 10-13)	50	13-Jun-18	11-Aug-18	13-Jun-18	11-Aug-18	0%	0%	0				-			$\overline{}$	111	=
A60290	Auditorium slab Concrete Curing	17	12-Aug-18	28-Aug-18	12-Aug-18	28-Aug-18	0%	0%	0									
A60300	De-prop auditorium beam & slab	3	28-Aug-18	31-Aug-18	28-Aug-18	31-Aug-18	0%	0%	0									
A60780	Construct enclosure above Auditorium	64	28-Aug-18	14-Nov-18	28-Aug-18	14-Nov-18	0%	0%	0									
	ss Wall & Skylight (By RedLand, Permasteelisa)														<u> </u>			
Permasteeli	isa) Preliminary Works													1				
1120	Surveying for Embeds	60	13-Jun-18	23-Aug-18	13-Jun-18	23-Aug-18	0%	0%	0				=			$\dot{m{+}}$	+++	-
1130	Submission of Embeds Survey Report	54	29-Jun-18	01-Sep-18	29-Jun-18	01-Sep-18	0%	0%	0	1				. E	-		+	_
to 2/F Level	i de la companya de																	
													1		44	1 1	: 1 :	

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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Activity Name	•	CMWP	CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance		Мау		June			July	August
		Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	30 07	32 14 21	28 04	33 4 11	18 25	5 02 09	34 9 16 23	35 30 06 13
6630 Handover Zone G - 1/F Working Area		0		02-Aug-18		02-Aug-18	0%	0%	0							1.0	Randover Zone
	llion @ GL 11-13/E-G (FAC-CW-04, 05, 06)	18	02-Aug-18	23-Aug-18	02-Aug-18	23-Aug-18	0%	0%	0								
800 PISA-Install Ceramic Tube @ GL 11/G-H		6	23-Aug-18	30-Aug-18	23-Aug-18	30-Aug-18	0%	0%	0								
820 PISA-Install Glass Wall with PC & AL Par		9	30-Aug-18	10-Sep-18	30-Aug-18	10-Sep-18	0%	0%	0				1 1				
e J															+		
6640 Handover Zone J - 1/F Working Area		0		30-Jul-18		30-Jul-18	0%	0%	0								Harldover Zone J
	llion @ GL 11-13/G-H (FAC-CW-04, 05, 06)	18	02-Aug-18	23-Aug-18	02-Aug-18	23-Aug-18	0%	0%	0								Tidildover Zone 3
ie C & D	mon @ 02 11-13/ 0-11 (TAC-CW-04, 03, 00)	10	02-Aug-10	23 Aug 10	02-Aug-10	23 Aug-10	070	070	0								
6680 Handover Zone C & D - 1/F Working Area		0		16-Jun-18		16-Jun-18	0%	0%	0				•.	dandouer	Zone C & D -	1/E Working	Arba
		16	03-Jul-18	21-Jul-18	03-Jul-18	21-Jul-18	0%	0%	0					ariuωver	ZDITE C & D -	1/F WORKING	Area,
5930 PISA-Install Glass Wall with Ceramic Mu	llion @ GL 5-8/J-L (FAC-CW-02, 03)	14	13-Jul-18	30-Jul-18	13-Jul-18	30-Jul-18	0%	0%	0							1 1	-
pof Level																	
Permasteelisa) Skylight/Ceramic Cladding/Storef	ont																
e C & D																	
7490 Install Precast Wall & Roof Cladding (Sk	ylight Gallery) @ GL 1-5/H-K (FAC-PC-03a & 03b by Redland)	27	01-Jun-18	04-Jul-18	01-Jun-18	04-Jul-18	0%	0%	0		A4749	· ⊨		-	₹ :		
e M, F & N																	
7590 Handover Zone M - 3/F Working Area		0		20-Jun-18		20-Jun-18	0%	0%	0					Rando	over Zone M -	3/F Working	g Area,
7370 Install L3 Storefront @ GL 7-8/B-E (FAC-	CW-08a,08b)	23	15-Aug-18	11-Sep-18	15-Aug-18	11-Sep-18	0%	0%	0	1							
dium External Envelope (By Permasteelisa)																	
A															1	1	
ım Facade Panel (1M/F External)																	
Bracket Installation & Embed Remedial	M/F @ GL 1/A-H	8	16-Jun-18	26-Jun-18	16-Jun-18	26-Jun-18	0%	0%	0				<u> </u>				
Install Podium Facade Panel Zone A - 1N		8	27-Jun-18	07-Jul-18	27-Jun-18	07-Jul-18	0%	0%	0				- I T	Т.	1		
Install Podium Facade Panel Zone A - 1N		6	17-Jul-18	24-Jul-18	17-Jul-18	24-Jul-18	0%	0%	0					- -			
um Facade Panel (2/F External)	7F @ GE 1-0/A (37 1105.)	0	1/-JUI-18	24-Jul-10	17-JUI-18	24-Jul-16	U76	U76	U								
	VI. O. C. 1. 9/A	_	27 July 40	00 144 40	27 1 40	00 1 1 10	00/	OC'						_	₽.		
Bracket Installation & Embed Remedial			27-Jun-18	06-Jul-18	27-Jun-18	06-Jul-18	0%	0%	0					- -	T	<u></u>	
Install Podium Facade Panel 2/F @ GL 1		8	07-Jul-18	17-Jul-18	07-Jul-18	17-Jul-18	0%	0%	0							7 _	<u> </u>
670 Install Podium Facade Panel 2/F @ GL 1	-8/A (37 nos.)	6	24-Jul-18	31-Jul-18	24-Jul-18	31-Jul-18	0%	0%	0								
M													ii.				
ium Facade Panel (1M/F External)																	
380 Handover Zone M - 1M/F Working Area		0		20-Jun-18		20-Jun-18	0%	0%	0					Rando	over Zone M -	1M/F Worki	ing Area,
Bracket Installation & Embed Remedial	M/F @ GL 7-8/A	10	07-Jul-18	18-Jul-18	07-Jul-18	18-Jul-18	0%	0%	0						=	#	
um Facade Panel (2/F External)																	
Handover Zone M - 2/F Working Area		0		20-Jun-18		20-Jun-18	0%	0%	0	1				Rando	over Zone M -	2/F Working	g Area,
Bracket Installation & Embed Remedial	t/F @ GL 7-8/A	10	19-Jul-18	30-Jul-18	19-Jul-18	30-Jul-18	0%	0%	0						1		
450 Install Podium Facade Panel Zone M - 2		1	31-Jul-18	01-Aug-18	31-Jul-18	01-Aug-18	0%	0%	0								1
E																	
um Facade Panel (1M/F External)																	
Bracket Installation & Embed Remedial	M/F @ GL 8-11/A	12	31-Jul-18	13-Aug-18	31-Jul-18	13-Aug-18	0%	0%	0	1							
um Facade Panel (2/F External)		14	31 3010	15 / NG-10	31 301-10	15ug-10	3/0	J/0									
	V/C @ CL 9 11/A	12	14 Aug 10	27 Aug 10	14 Aug 16	27 Aug 10	00/	00/									
Bracket Installation & Embed Remedial	:/r @ UL 6-11/A	12	14-Aug-18	27-Aug-18	14-Aug-18	27-Aug-18	0%	0%	0								
um Facade Panel (1M/F External)			,	,	, 												
D20 Handover Zone H - 1M/F Working Area		0		31-Jul-18		31-Jul-18	0%	0%	0	<u> </u>							Handover Zone H
Bracket Installation & Embed Remedial	M/F @ GL 14/H-M	7	31-Jul-18	08-Aug-18	31-Jul-18	08-Aug-18	0%	0%	0								
97 Bracket Installation & Embed Remedial	M/F @ GL 11-14/M	7	16-Aug-18	24-Aug-18	16-Aug-18	24-Aug-18	0%	0%	0								
um Facade Panel (2/F External)																	
.70 Handover Zone H - 2/F Working Area		0		05-Jul-18		05-Jul-18	0%	0%	0	1					\$ Hand	over Zone H	- 2/F Working Area,
175 Bracket Installation & Embed Remedial	t/F @ GL 14/H-M	7	08-Aug-18	16-Aug-18	08-Aug-18	16-Aug-18	0%	0%	0	1							
L77 Bracket Installation & Embed Remedial		7	24-Aug-18	01-Sep-18	24-Aug-18	01-Sep-18	0%	0%	0						+		
3 & J				1													
ım Facade Panel (1M/F External)																	
		_		20 14 10		20 1-1-10	00/	OC'									
150 Handover Zone J - 1M/F Working Area		0		30-Jul-18		30-Jul-18	0%	0%	0								Handover Zone J
'040 Handover Zone G - 1M/F Working Area		0		06-Aug-18		06-Aug-18	0%	0%	0				- 1	1			Randover Z

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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(27 May to	o 02 Jun 2018) (CMWP 8D)													
5	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32 30 07 14 31	20 04	33	July 34	August 35 35 30 06 13
A47045	Bracket Installation & Embed Remedial 1M/F @ GL 11-14/A	4	06-Aug-18	10-Aug-18	06-Aug-18	10-Aug-18	0%	0%	0	30 07 14 21	28 04	11 10	25 02 09 10	3 23 30 00 13
47055	Bracket Installation & Embed Remedial 1M/F @ GL 14/A-H	6	15-Aug-18	22-Aug-18	15-Aug-18	22-Aug-18	0%	0%	0					
dium Fac	ade Panel (2/F External)													
47200	Handover Zone J - 2/F Working Area	0	1	30-Jul-18		30-Jul-18	0%	0%	0					Handover Zone J
47190	Handover Zone G - 2/F Working Area	0		02-Aug-18		02-Aug-18	0%	0%	0					Randover Zone
47195	Bracket Installation & Embed Remedial 2/F @ GL 11-14/A	4	10-Aug-18	15-Aug-18	10-Aug-18	15-Aug-18	0%	0%	0	l				
47205	Bracket Installation & Embed Remedial 2/F @ GL 14/A-H	6	22-Aug-18	29-Aug-18	22-Aug-18	29-Aug-18	0%	0%	0					
ne L & K					.0									
dium Faca	ade Panel (1M/F External)													
47060	Handover Zone L & K - 1M/F Working Area	0	1	08-Jun-18		08-Jun-18	0%	0%	0		•	landover Zone	L & K - 1M/F Working	ν Δгеа
47785	Bracket Installation & Embed Remedial 1M/F @ GL 7-11/M	8	12-Jul-18	20-Jul-18	12-Jul-18	20-Jul-18	0%	0%	0	 -			- Colk - Iwyi wokane	100,
	ade Panel (2/F External)	•	12-301-10	20 301-10	12-301-10	20 301-10	070	070	Ü					"
47210		0		08-Jun-18		08-Jun-18	0%	0%	0			landalas 7ak	2/5/1/2/5/2	
47210	Handover Zone L & K - 2/F Working Area	8	21-Jul-18	30-Jul-18	21-Jul-18	30-Jul-18	0%	0%	0		• "	landover zone	L & K - 2/F Working A	vrea,
4/215 le N	Bracket Installation & Embed Remedial 2/F @ GL 7-11/M	8	21-Jul-18	30-Jul-18	21-Jul-18	30-Jul-18	0%	0%	0					
	and Provide ANTE England													
	ade Panel (1M/F External)		l.a.	100	1							_		
22420	Bracket Installation & Embed Remedial 1M/F @ GL 7-8/M	4	19-Jun-18	22-Jun-18	19-Jun-18	22-Jun-18	0%	0%	0			-		
	ade Panel (2/F External)											-	_	
22465	Bracket Installation & Embed Remedial 2/F @ GL 7-8/M	4	23-Jun-18	27-Jun-18	23-Jun-18	27-Jun-18	0%	0%	0			- -	-	
ne C & D										.				
dium Fac	ade Panel (1M/F External)													
47070	Handover Zone C & D - 1M/F Working Area	0		27-Jun-18		27-Jun-18	0%	0%	0				Randover Zone C &	D- 1M/F Working Area,
47075	Bracket Installation & Embed Remedial @ GL 1-7/M	8	28-Jun-18	07-Jul-18	28-Jun-18	07-Jul-18	0%	0%	0				-	
47805	Bracket Installation & Embed Remedial @ GL 1/H-M	8	03-Jul-18	11-Jul-18	03-Jul-18	11-Jul-18	0%	0%	0					
dium Fac	ade Panel (2/F External)													
47220	Handover Zone C & D - 2/F Working Area	0		16-Jun-18		16-Jun-18	0%	0%	0			8 Handov	er Zdne C & D - 2/F W	orking Area,
47225	Bracket Installation & Embed Remedial @ GL 1-7/M	8	28-Jun-18	07-Jul-18	28-Jun-18	07-Jul-18	0%	0%	0					
47235	Bracket Installation & Embed Remedial @ GL 1/H-M	8	03-Jul-18	11-Jul-18	03-Jul-18	11-Jul-18	0%	0%	0					
Podium Li	ift & Escalator Installation													
t Lift (LT11)) @ Zone M													
10470	Available of lift Shaft LT11 (w/ Tower A Weathertight)	0	24-Jul-18		24-Jul-18		0%	0%	0					Available of lift \$haft LT
10480	Commence LT11 Lift M/C Room Installation	0	06-Aug-18		06-Aug-18		0%	0%	0					S Commence
10475	Builders' Work for LT11 Lift Shaft & M/C Room	11	24-Jul-18	06-Aug-18	24-Jul-18	06-Aug-18	0%	0%	0					
10490	Lift M/C Room Installation @ B 2/F (LT11)	23	06-Aug-18	01-Sep-18	06-Aug-18	01-Sep-18	0%	0%	0					
Lift (LT13)) @ Zone A1													
10530	Available of lift Shaft LT13 (w/ Zone A1 Temporary watertight)	0	17-Jun-18		17-Jun-18		0%	0%	0	<u> </u>	1	Availal	ble of lift Shaft LT13 (v	v/ Zone A1 Temporary waterti
10535	Builders' Work for LT13 Lift Shaft & M/C Room	11	28-Jun-18	12-Jul-18	28-Jun-18	12-Jul-18	0%	0%	0			4		
10540	Commence LT13 Lift M/C Room Installation	0	13-Jul-18		13-Jul-18		0%	0%	0				★ Com	mence LT13 Lift; M/C Room In
10550	Lift M/C Room Installation @ B 2/F (LT13)	23	13-Jul-18	08-Aug-18	13-Jul-18	08-Aug-18	0%	0%	0				Ş 50m	22 22 23 23 23 23 23 23 23 23 23 23 23 2
10560	Lift Car Installation (LT13)	80	09-Aug-18	13-Nov-18	09-Aug-18	13-Nov-18	0%	0%	0					
	ft, FS & Disable Lift (LT12) @ Zone A1	80	02-Mu8-10	13-1104-10	02-Mu8-10	13-1404-10	3/6	0/0	, ,	<u> -</u>				
			47 Jun 40		47 1 40		00/	001					المالية والمالية	./
10590	Available of lift Shaft LT12 (w/ Zone A1 Temporary watertight)	0	17-Jun-18	10 1.4 10	17-Jun-18	10 1 1 10	0%	0%	0			Availal	ule of IIπ Shaft L112 (w	v/ Zone A1 Temporary waterti
0600	Builders' Work for LT12 Lift Shaft	25	19-Jun-18	18-Jul-18	19-Jun-18	18-Jul-18	0%	0%					1 1 1	
.0610	Lift Car Installation (LT12)	54	19-Jul-18	19-Sep-18	19-Jul-18	19-Sep-18	0%	0%	0				- ·	
	ft, FS & Disable Lift (LT14) @ Zone A4		,		Ţ.		,	,		 				
.0640	Available of lift Shaft LT14 (w/ Zone A4 Temporary watertight)		17-Jun-18		17-Jun-18		0%	0%	0			Availal	ble of lift Shaft LT14 (w	v/ Zone A# Temporary waterti
.0650	Builders' Work for LT14 Lift Shaft	25	19-Jun-18	18-Jul-18	19-Jun-18	18-Jul-18	0%	0%	0					
.0660	Lift Car Installation (LT14)	54	19-Jul-18	19-Sep-18	19-Jul-18	19-Sep-18	0%	0%	0					1 11 1 1
senger Lif	ft, Diable Lift (LT15, LT16 & LT17) @ Zone A4													
.0690	Available of lift Shaft LT15 (w/ Zone A4 Temporary watertight)	0	17-Jun-18		17-Jun-18		0%	0%	0			8 Availal	ble of lift Shaft LT15 (w	v/ Zone A4 Temporary waterti
10700	Builders' Work for LT15 , LT16 & LT17 Lift Shafts	23	19-Jun-18	16-Jul-18	19-Jun-18	16-Jul-18	0%	0%	0		LT10	700	<u> </u>	
10710	Lifts Car Installation (LT15, LT16 & LT17)	54	15-Jun-18	18-Aug-18	17-May-18 A	02-Aug-18	0%	5%	15		 	 	1 1	
	I.									4 1 1 1 1	1 1 1		1: : : :	
senger Lif	ft, FS Lift (LT21 & LT22) @ Zone E									1 : : : :	4		11 1 1	

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	o 02 Jun 2018) (CMWP 8D)																
Activity ID	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32		June 33	July 34	Augu-	st
	15. 2										30 07	14 21	28 04	11 18 2	5 02 09 16	6 23 30 06 13	20 27
LT10840	Lifts Car Installation (LT21 & LT22)		54	26-Jul-18	28-Sep-18	26-Jul-18	28-Sep-18	0%	0%	0							
	S01 & ES02) @ Zone E								,								
LT11130	Available of Escalator Pit ES01 & ES02 at Zo	one E	0		15-Aug-18		15-Aug-18	0%	0%	0						<u>8</u> /	Available of
LT11140	Escalators ES01 & ES02 Installation		53	15-Aug-18	19-Oct-18	15-Aug-18	19-Oct-18	0%	0%	0							
Escalators (E	S03 & ES04) @ Zone A B1F to GF																
LT11170	Available of Escalator Pit ES03 & ES04 at Zo	one A	0	15-Aug-18		15-Aug-18		0%	0%	0						\$	Available of
LT11180	Escalators ES03 & ES04 Installation		53	15-Aug-18	20-Oct-18	15-Aug-18	20-Oct-18	0%	0%	0							$\overline{}$
Escalators (E	S13 & ES14) @ Zone G 1F to 3F																
LT11290	Available of Escalator Pit ES13 & ES14 at Zo	one E	0	06-Aug-18		06-Aug-18		0%	0%	0						Available	e of Escalato
LT11300	Escalators ES13 & ES14 Installation		67	06-Aug-18	26-Oct-18	06-Aug-18	26-Oct-18	0%	0%	0			_				$\stackrel{\cdot}{+}$
M+ Basemer	nt & Podium ABWF & Building Services																
B2/F												1 1					
1. CSF/RDE	Zone																
Gerenal An	eas /BOH/ Corridor																
Corridor/L	ift Lobby																
AW-B2-12	21 ABWF-Wet Trade; T-Post/Block Wall/Render	ering (GL 3-6)	25	12-Jan-18	09-Feb-18	12-Jan-18 A	06-Jun-18	100%	80%	-91		- ; ; ;					
	780 MEP 1st/2nd Fix-Pipes/duct/containment		50	29-Mar-18	01-Jun-18	15-Mar-18 A	25-Jul-18	98%	10%	-44					<u> </u>	-	
	790 MEP- 2nd Fix (Cabling)/Install AC equipment	at & connnection	50	26-Jul-18	21-Sep-18	26-Jul-18	21-Sep-18	0%	0%	0	\vdash						
	ce/Storages Rooms (GL C' to J')																
	22 ABWF-Wet Trade:T-Post/Block Wall/Render	ring/Floor Screeding	25	26-Feb-18	26-Mar-18	09-Jan-18 A	28-Jun-18	100%	10%	-74	- : :	- 1 1	-		1		
	830 MEP-1st/2nd Fix Installation	mig/ Froor Serceding	50	27-Mar-18	30-May-18	20-Feb-18 A	25-Jul-18	100%	11%	-46		- 1 1				<u> </u>	
	840 MEP- 2nd Fiix- Cabling/AC Equipment Install	Ustion/connection		26-Jul-18	21-Sep-18	26-Jul-18	21-Sep-18	0%	0%	0							
	Unloading Area Including Loading Bay	nation/connection	50	20-Jul-18	21-3ep-18	20-Jul-18	21-3ep-18	U76	U76	U			7				\top
			33	13-Jan-18	24.5-1-40	27.1147.4	20.1 40	100%	33%	00	1 1		1				
	90 MEP H/L 1st Fix Installation				24-Feb-18	27-Nov-17 A	28-Jun-18			-98							
	280 ABWF-Wearing Slab Construction		46	14-Jun-18	09-Aug-18	14-Jun-18	09-Aug-18	0%	0%	0			1				
	00 MEP 2nd Fix Installation-Cabling		54	09-Aug-18	13-Oct-18	09-Aug-18*	13-Oct-18	0%	0%	0	ļļ						
	290 HC-Construction Logistic/Temporary Site Sto	orage Period	187	28-Jun-18	13-Feb-19	28-Jun-18	13-Feb-19	0%	0%	0	1	-++	-	1 1 1	1 1 1	1 11 1 1	1 1
	AF Room (B2-1-005)				1												
		ng/1st coat painting/Sealer) -Ceiling/Wall/Floor		20-Feb-18	13-Mar-18	05-Feb-18 A	20-Jun-18	100%	20%	-77	1 1	1 1					
	30 MEP 1st / 2nd Fix		27	14-Mar-18	18-Apr-18	19-Feb-18 A	03-Jul-18	100%	4%	-61			1		T.		
	70 MEP - AC equipment on site		0	04-Jul-18		04-Jul-18		0%	0%	0				<u> </u>	MEP - AC equ	uipment on site, 04-Jul-18	<u></u>
	60 MEP Fan / LMCP Installation		54	04-Jul-18	04-Sep-18	04-Jul-18	04-Sep-18	0%	0%	0							
PAU Room	(B2-1-807M & B2-1-808M)																
		ng/1st coat painting/Sealer) -Ceiling/Wall/Floor		09-Jun-18	03-Jul-18	09-Jun-18	03-Jul-18	0%	0%	0				-			
BS-B2-109	70 MEP 1st / 2nd		27	04-Jul-18	03-Aug-18	04-Jul-18*	03-Aug-18	0%	0%	0							
BS-B2-117	90 MEP - PAU equipment on site		0	04-Aug-18		04-Aug-18*		0%	0%	0						S MEP - PAU	equipment
	80 MEP PAU / LMCP Installation		54	04-Aug-18	08-Oct-18	04-Aug-18	08-Oct-18	0%	0%	0							
Staircase P	ress (B2-1-801M) at GL D'-E' 4																
AW-B2-124	410 ABWF-Plinth/Sealer		21	04-Jun-18	28-Jun-18	04-Jun-18	28-Jun-18	0%	0%	0				\rightarrow	1		
BS-B2-110	10 MEP- 1st / 2nd Fix		30	29-Jun-18	03-Aug-18	29-Jun-18	03-Aug-18	0%	0%	0	1				+++++		
BS-B2-117	00 MEP - AC equipment on site		0	04-Aug-18		04-Aug-18		0%	0%	0						MEP - AC e	quipment (
AW-B2-124	420 ABWF-Door/Ironmoaries		6	04-Aug-18	10-Aug-18	04-Aug-18	10-Aug-18	0%	0%	0							
BS-B2-116	90 MEP- Air Duct/Fan/LMCP Installation		54	04-Aug-18	08-Oct-18	04-Aug-18	08-Oct-18	0%	0%	0	1						÷
ELV Room	(B2-1-956M)																
AW-B2-124	430 ABWF-ceiling soffit & application of epoxy p	paint on wall	7	11-Jun-18	20-Jun-18	11-Jun-18	20-Jun-18	0%	0%	0							
BS-B2-110	40 MEP-1st/2nd Fix Installation		19	20-Jun-18	13-Jul-18	20-Jun-18	13-Jul-18	0%	0%	0	1						
AW-B2-124	450 ABWF-Wall/ floor Final Paint		3	13-Jul-18	17-Jul-18	13-Jul-18	17-Jul-18	0%	0%	0	1			1			
AW-B2-124	460 ELV Room Door & ironmongeries installation	n	3	17-Jul-18	20-Jul-18	17-Jul-18	20-Jul-18	0%	0%	0	1					4	
	50 MEP/ELV-Equipment Rack/Cabling			20-Jul-18	21-Sep-18	20-Jul-18	21-Sep-18	0%	0%	0	1						
	change Room (B2-1-806M)		3-1	10	p 10	22 301 20	JCP 10	3,0		, and the second	 		7				
	490 ABWF- ceiling soffit & application of epoxy	naint on wall	7	22-Jan-18	29-Jan-18	08-Jan-18 A	05-Jun-18	100%	50%	-100			—				
	470 ABWF-Concrete plinth and waterproofing &		7	05-Jun-18	13-Jun-18	05-Jun-18	13-Jun-18	0%	0%	0				<u> </u>			
	480 ABWF-Floor Screeding & wall rendering (PD		7	13-Jun-18	22-Jun-18	05-Jun-18 13-Jun-18	22-Jun-18	0%	0%	0			1 -				
									6%								
R2-R7-110	60 MEP-1st/2nd Fix-Pipe/duct/Containment Ins	Stallation	54	30-Jan-18	10-Apr-18	02-Jan-18 A	01-Aug-18	100%	6%	-93							1 1

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)																
Activity ID Activity Name		Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	-	May 32		June 33	34	ily 4	August 35
BS-B2-11070 MEP-Pump/HX/LMCC Installation/Final Conr	postion	27	01-Aug-18	01-Sep-18	01-Aug-18	01-Sep-18	0%	0%	0	30 07	14 21	28 04	11 18 2	25 02 09	16 23	30 06 13 20 2
Chilled Water Pump (B2-1-801R)	nection	21	01-Aug-18	01-3ep-18	01-Aug-18	01-3ep-18	U76	U%	0							
		-	44 1 40	20 1 40	44.140	20.1	0%	00/	0		ļļ					
AW-B2-10560 ABWF-Concrete plinth and waterproofing &			11-Jun-18	20-Jun-18	11-Jun-18	20-Jun-18	4,1	0%	0	-						
AW-B2-10570 ABWF-Floor Screeding & wall rendering (PD			20-Jun-18	28-Jun-18	20-Jun-18	28-Jun-18	0%	0%	0	1				<u>'</u>		
AW-B2-10580 ABWF- ceiling soffit & application of epoxy			28-Jun-18	07-Jul-18	28-Jun-18	07-Jul-18	0%	0%	0					T : :		. !
BS-B2-10170 MEP-1st/2nd Fix- Pipe/Duct/Containment In		54	10-Aug-18	13-Oct-18	10-Aug-18	13-Oct-18	0%	0%	0							, i - , , ,
RDE Sprinkler Water Tank (B2-3-502R) & FS Tank (B2-3-							,				ļļļ				<u>ii.</u>	
AW-B2-12520 ABWF/MEP Installation in RDE Water Tanks			23-Jul-18	23-Aug-18	23-Jul-18	23-Aug-18	0%	0%	0							
AW-B2-12510 ABWF/MEP Installation in RDE FS Pump (De		134	11-Jun-18	20-Nov-18	11-Jun-18	20-Nov-18	0%	0%	0					1 : :	1 1	
RDE TBR Room/Mobile Equipment Room @ GL J' , 4'-5																
AW-B2-14330 ABWF-ceiling soffit & application of epoxy p	paint on wall		14-May-18	21-May-18	23-Apr-18 A	02-Jun-18	100%	80%	-9	- :		-				
AW-B2-14350 MEP final fix (ready for FS System T&C)		3	28-Jun-18	30-Jun-18	26-Apr-18 A	04-Jun-18	0%	8.02%	22					eli		
AW-B2-14340 ABWF - Final coat of paint on wall / floor se	æler	3	25-Jun-18	27-Jun-18	26-Apr-18 A	04-Jun-18	0%	0%	19	;	: : :		<i></i>			
BS-B2-11680 MEP 1st / 2nd fix		27	23-May-18	23-Jun-18	24-Apr-18 A	07-Jun-18	29.63%	80%	14							
AW-B2-14360 ABWF / Door & ironmongeries installation		3	04-Jun-18	07-Jun-18	04-Jun-18	07-Jun-18	0%	0%	0							
AS-B2-10910 Access ready for utility provider		0		07-Jun-18		07-Jun-18	0%	0%	0			- 8/	ccess ready for	utility provider,		
Refuse Room/Refrigrated Refuse Rooms @ GL A', 4'-5'																
AW-B2-12540 BW-Waterproofing/Water Test		13	20-Feb-18	06-Mar-18	12-Feb-18 A	04-Jun-18	100%	80%	-71	:	: : :					
AW-B2-12530 ABWF Wet Trade-Wall Rendering/FloorScre	eding/ Tile	19	07-Mar-18	28-Mar-18	15-Feb-18 A	21-Jun-18	100%	12%	-66			+				
BS-B2-10200 MEP-1st/2nd Fix Installation		19	29-Mar-18	24-Apr-18	22-Feb-18 A	22-Jun-18	100%	6%	-48			+				
BS-B2-10210 MEP-Refrigated Refuse System		54	22-Jun-18	25-Aug-18	22-Jun-18	25-Aug-18	0%	0%	0	+		_				
BS-B2-10220 MEP Final Fix (Ready FS System T&C)		7	25-Aug-18	03-Sep-18	25-Aug-18	03-Sep-18	0%	0%	0	1						.
SEF Room above Recycling Room at GL A', 5'											11		! <u>†</u>			
AW-B2-14370 ABWF-Plinth/Sealer		14	04-Jun-18	21-Jun-18	04-Jun-18	21-Jun-18	0%	0%	0							
BS-B2-11710 MEP- 1st / 2nd Fix		28	21-Jun-18	25-Jul-18	21-Jun-18	25-Jul-18	0%	0%	0	1						
BS-B2-11730 MEP - AC equipment on site		0	26-Jul-18		26-Jul-18		0%	0%	0						★ ME	P - AC equipment on site, 2
BS-B2-11720 MEP- Air Duct/Fan/LMCP Installation		54	26-Jul-18	27-Sep-18	26-Jul-18	27-Sep-18	0%	0%	0						l 🎽	
CSF Water Pump Rooms at GL K',5'-6'											1		<u> </u>			
AW-B2-12560 BW-RC Plinth/Water proofing /Water Test		21	04-Jun-18	29-Jun-18	04-Jun-18	29-Jun-18	0%	0%	0	1						
AW-B2-12570 ABWF-Wet Trade (Plastering/Floor Screeding	ng/1st coat painting/Sealer) -Ceiling/Wall/Floor	21	29-Jun-18	25-Jul-18	29-Jun-18	25-Jul-18	0%	0%	0	1				1: : :		
BS-B2-10230 MEP 1st/2nd Installation/FS Pumps Set/Pipe			25-Jul-18	21-Sep-18	25-Jul-18	21-Sep-18	0%	0%	0	1						
2. Zone A, M, E, C												7				
Gerenal Areas: Corridor, Workshop, BOH office, Other F	Rooms										·					
Corridors/Lobbys																
AW-B2-101 ABWF-Soffit Sealer		6	09-Feb-18	20-Feb-18	28-Dec-17 A	04-Jun-18	100%	50%	-83	-						
AW-B2-125 ABWF-Wearing Slab (GL 1-3)			18-Apr-18	04-May-18	28-Dec-17 A	07-Jun-18	100%	60%	-28							
BS-B2-10300 MEP-1st/2nd Fix Installation (GL 6-10)			24-Apr-18	26-May-18	02-Jan-18 A	23-Jun-18	100%	32%	-22							
BS-B2-10300 MEP-1st/2nd Fix Installation (GL 6-10)			06-Mar-18	23-Apr-18	02-Jan-18 A	03-Jul-18	100%	32%	-57		ii.		<u>i.T.i</u>			
BS-B2-10290 MEP-1st/2nd Fix Installation (GL 5-6)			09-Jan-18	05-Mar-18	02-Jan-18 A	03-Jul-18	100%	32%	-100							
AW-B2-126 ABWF-Wearing Slab (GL 3-6)			03-Jul-18	18-Jul-18	02-Jan-18 A 03-Jul-18	18-Jul-18	0%	0%	-100						_	
BS-B2-10310 MEP- 2nd Fix (Cabling)			19-Mar-18	23-May-18	19-Feb-18 A	21-Jul-18	100%	16%	-50	1						
				-						1						_
AW-B2-126 ABWF-Wearing Slab (GL 6-10)	ring (CL 1.2)		18-Jul-18	02-Aug-18	18-Jul-18	02-Aug-18	0%	0%	0			1	ļļļ			<u>- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>
AW-B2-126 ABWF-Wet Trade; T-Post/Block Wall/Render			09-Jul-18	10-Sep-18	09-Jul-18	10-Sep-18	0%	0%		-						
AW-B2-126 ABWF-Wet Trade; T-Post/Block Wall/Render	IIIR (OF 2-0)	54	18-Jul-18	19-Sep-18	18-Jul-18	19-Sep-18	0%	0%	0		-+-+	-				
BOH Workshop, Office and Facilities Rooms																
BS-B2-10380 MEP-1st/2nd Fix Installation (GL 6-10)			06-Mar-18	11-Apr-18	24-Jan-18 A	27-Jun-18	100%	19%	-63							
BS-B2-10360 MEP-1st/2nd Fix Installation (GL 3-6)			22-Mar-18	14-May-18	02-Jan-18 A	10-Jul-18	100%	22%	-46	i	īii		il			,
BS-B2-10350 MEP-1st/2nd Fix Installation (GL 1-3)		40	31-Jan-18	22-Mar-18	02-Jan-18 A	10-Jul-18	100%	22%	-86							
					23-Jan-18 A	14-Jul-18	100%	29%	-66							
BS-B2-10390 MEP- 2nd Fiix (Cabling)-(GL 1-10)			20-Feb-18	24-Apr-18						- 1	1 1 1	1		1 1		
AW-B2-102 ABWF-Wearing Slab (GL 1-3)		13	10-Jul-18	25-Jul-18	10-Jul-18	25-Jul-18	0%	0%	0							'
AW-B2-102 ABWF-Wearing Slab (GL 1-3) BS-B2-10370 MEP Ceiling mounted AHU Installation/Com		13	10-Jul-18 07-Apr-18	25-Jul-18 12-Jun-18	10-Jul-18 19-Feb-18 A	25-Jul-18 31-Jul-18	0% 81.85%	8%	-40				-			
AW-B2-102 ABWF-Wearing Slab (GL 1-3) BS-B2-10370 MEP Ceiling mounted AHU Installation/Com AW-B2-101 ABWF-Wet Trade; T-Post/Block Wall/Render		13	10-Jul-18	25-Jul-18	10-Jul-18	25-Jul-18 31-Jul-18 07-Aug-18	0% 81.85% 0%	8%	-40 0							
AW-B2-102 ABWF-Wearing Slab (GL 1-3) BS-B2-10370 MEP Ceiling mounted AHU Installation/Conn		13 54 54	10-Jul-18 07-Apr-18	25-Jul-18 12-Jun-18	10-Jul-18 19-Feb-18 A	25-Jul-18 31-Jul-18	0% 81.85%	8%	-40							

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		32			33		_	34 34	\rightarrow	Auc	35
				, ,	' '						30 07	7 14	21 2	04	11 1	18 25	02 /	09 16	23 3	06 1	13 2
	ABWF-H/L Steel Platform (GL 1-6)			31-Jul-18	04-Oct-18	31-Jul-18	04-Oct-18	0%	0%	0											
	ABWF-Wet Trade; T-Post/Block Wall/Renderi	ing/sealer (GL 1-3)	54	08-Aug-18	11-Oct-18	08-Aug-18	11-Oct-18	0%	0%	0											7
Toilets & Toilet	•													L	ļļ		1		1		
Public Toilet at																					
BS-B2-104 M	MEP Dropper		4	05-Mar-18	09-Mar-18	09-Feb-18 A	05-Jun-18	100%	8.98%	-69											
	ABWF-Block Wall		7	16-Dec-17	23-Dec-17	09-Dec-17 A	08-Jun-18	100%	10%	-130											
	MEP-Low Level P&D Pipework, H/L 1st/2nd Fi		14	12-Jan-18	29-Jan-18	02-Jan-18 A	12-Jun-18	100%	31.01%	-106				1	-						
AW-B2-14: AI	ABWF-Floor screeding/Wall Plastering/Tiling	g/Counter Steel Frame	14	31-Jan-18	20-Feb-18	23-Dec-17 A	13-Jun-18	100%	25%	-91				1	-						
AW-B2-14. AI	ABWF-Ceiling Close up/Ceiling Finish		7	12-Jun-18	21-Jun-18	12-Jun-18	21-Jun-18	0%	0%	0						4					
AW-B2-14: AI	ABWF-Ceiling Grid/Ceilng Panel with Service	Openings	7	13-Jun-18	22-Jun-18	13-Jun-18	22-Jun-18	0%	0%	0			AW-	14230	, =						
AW-B2-14: AI	ABWF-Cublic Partition		7	21-Jun-18	29-Jun-18	21-Jun-18	29-Jun-18	0%	0%	0											
AW-B2-14: AI	ABWF-Final Fix-Sanitaryware/Sink/Door		5	29-Jun-18	06-Jul-18	29-Jun-18	06-Jul-18	0%	0%	0						ľ					
BS-B2-104 M	MEP Final Fix		7	06-Jul-18	14-Jul-18	06-Jul-18	14-Jul-18	0%	0%	0							=	<u>=</u>			
	ABWF/MEP Installation Completed		0		14-Jul-18		14-Jul-18	0%	0%	0								\$ ABW	F/MEP Inst	tallation Com	nplet
Staff Toilet at	t GL 6, C										\vdash										
AW-B2-1(AI	ABWF/MEP Installation in Toilet (Detail refer	to Public Toilet at GL 6 D	85	03-Feb-18	24-May-18	03-Feb-18 A	28-Aug-18	100%	14%	-80	<u> </u>		<u> </u>		+	\rightarrow	+ +	\rightarrow	- +	+	\Rightarrow
Staff Toile at	t GL 2, C																				
AW-B2-1 AI	ABWF/MEP Installation in Toilet (Detail refer	to Public Toilet at GL 6 D	85	10-Feb-18	31-May-18	08-Feb-18 A	31-Aug-18	100%	10%	-77				÷	Ħ	÷	+ +	÷		÷÷	=
curity Control	I Room & Security Equipmetn Rack Roor	m (B2-1-048 & 049)										1		1	1	1	1	1	1111		1
	MEP H/L and WallI 1st/2nd Fix MEP Installati		21	26-Jan-18	23-Feb-18	02-Jan-18 A	20-Jun-18	100%	26%	-93		+ +		+	ota	1					
	ABWF-Wet Trade (up to 1st coat painting) - 0		21	09-Dec-17	05-Jan-18	02-Dec-17 A	20-Jun-18	100%	25%	-132	H	\div	-		i i	1					
	ABWF-Ceiling Frame w/service panels			20-Jun-18	28-Jun-18	20-Jun-18	28-Jun-18	0%	0%	0	\vdash				1						
S-B2-10480 M	MEP- H/L Dropper		5	28-Jun-18	05-Jul-18	28-Jun-18	05-Jul-18	0%	0%	0	1						<u> </u>				
	ABWF-Raised Floor Setting out/Padestal/Grid	d/Door	4	05-Jul-18	10-Jul-18	05-Jul-18	10-Jul-18	0%	0%	0	† 			+	! 				††-		
	MEP-Floor Mounted Installation		7	10-Jul-18	18-Jul-18	10-Jul-18	18-Jul-18	0%	0%	0							,				
	ABWF-Raised Floor Panel Close-up		3	18-Jul-18	21-Jul-18	18-Jul-18	21-Jul-18	0%	0%	0	1										
	ABWF-Wall Final Paint/Carpet		3	21-Jul-18	25-Jul-18	21-Jul-18	25-Jul-18	0%	0%	0	-								<u>ia</u> !		
	ABWF/MEP Installation Completed		0		27-Jul-18		27-Jul-18	0%	0%	0	1							_	♠ ABV	WF/MEP Insta	tallati
S-B2-10510 M			2	25-Jul-18	27-Jul-18	25-Jul-18	27-Jul-18	0%	0%	0	1			+	·		H		+		
	MEP-Security Equipement Rack/Equipement/	System Installation		31-Aug-18	25-Jan-19	31-Aug-18*	25-Jan-19	0%	0%	0	-	- 1							-		
	Room (B2-1-500F)	System instanction	120	31 / log 10	25 3011 25	31 / tug 10	25 3011 25	0,0	0,0	Ü	-	+									
	MEP 1st/2nd fix- Pipe/duct/containment Insta	allation	50	11-Jan-18	14-Mar-18	02-Jan-18 A	27-Jul-18	100%	6%	-108									<u> </u>		
	MEP-FS Water pump equipment on site	allation		28-Jul-18	14-14101-10	28-Jul-18	27-341-10	0%	0%	0									♦ ME	EP-RS Water p	numir
	MEP-Pumps/LMCP Installation/Connection			28-Jul-18	25-Aug-18	28-Jul-18	25-Aug-18	0%	0%	0					ļ		ļ		O I IVIC	1-15 water p	puni
	ABWF-Door Frame/Door/Final Coat(Wall & F	iloor)		27-Aug-18	10-Sep-18	27-Aug-18	10-Sep-18	0%	0%	0	-								Т		П
	Room (B2-1-600M)		13	-/-nug-10	10-2ch-10	71-VnR-10	10-2ch-10	0/0	0/0	U											
	MEP-Water pump equipment on site		0	07-Aug-18		07-Aug-18		0%	0%	0										★ MEP-V	\A/~+~
		on.		12-Feb-18	02-May-18	16-Jan-18 A	07-Aug-18	100%	7%	-80		\rightarrow								♦ IVIEP-V	*vate
	MEP 1st/2nd fix Pipe / containment Installation				, .									·						T.	
	MEP-Pumps/LMCC Installation and Connectio	ni	2/	07-Aug-18	07-Sep-18	07-Aug-18	07-Sep-18	0%	0%	0		-									\neg
	pom (B2-1-506M)	Material and a similar (Carlos) Communication (Carlos)		20.1	20.5.1.10	40 10 10 1	07.1	40071	75-1												
		g/1st coat painting/Sealer) -Ceiling/Wall/Floor		29-Jan-18	26-Feb-18	16-Jan-18 A	07-Jun-18	100%	75%	-81											
	MEP-FS Water pump equipment on site			08-Aug-18		08-Aug-18		0%	0%	0										MEP-	-FS V
	MEP 1st / 2nd fix / Pipework			15-Feb-18	05-May-18	02-Jan-18 A	08-Aug-18	100%	6%	-78											
	MEP-FS Pumps / LMCC Installation and Conne	ection	27	08-Aug-18	08-Sep-18	08-Aug-18	08-Sep-18	0%	0%	0											
	n for Podium (B2-1-604M)																				
	MEP-Grease trap room equipment on site		0	08-Aug-18		08-Aug-18		0%	0%	0	<u> </u>	\rightarrow								8 MEP-	-Grea
	MEP 1st / 2nd Fix		60	09-Feb-18	27-Apr-18	05-Feb-18 A	08-Aug-18	100%	6%	-83											
	MEP Greasp Trap Installation		54	08-Aug-18	12-Oct-18	08-Aug-18	12-Oct-18	0%	0%	0					<u> </u>		1		1		
IR and Rainw	water Water Tank at GL A, 9-10														L "				[
W-B2-10830 AI	ABWF-Wet Trade-Rendiering/Tile		21	26-Jan-18	22-Feb-18	19-Jan-18 A	13-Jun-18	100%	50%	-89					-						i
	ABWF-MW-Cat Ladder/Hatch Cover		16	13-Jun-18	04-Jul-18	13-Jun-18	04-Jul-18	0%	0%	0	+	++				-	-				
W-B2-10840 AI																					
	MEP-Pipework Assessiors and Final connection	on	16	04-Jul-18	23-Jul-18	04-Jul-18*	23-Jul-18	0%	0%	0								\rightarrow	!		

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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tivity ID A	2 Jun 2018) (CMWP 8D)		C) BANK	CMWP - R0	CMWP - R0	A object /	Actual / France	Dlenne 1 Dr	A a ty - 1 A/	Einigh Maria				1100			th/		
	Activity Name		Dur.	(D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	00 1 00	32		33		3	4		35
AW-B2-10860 A	ABWF-Wet Trade-Rendiering/Tile		27	26-Jan-18	01-Mar-18	19-Jan-18 A	11-Jun-18	100%	70%	-80					25	02 09	16 23	30 06	13 20
	MEP-Pipework Assessiors and Final connection	nn	19	10-Mar-18	04-Apr-18	23-Jan-18 A	23-Jun-18	100%	3%	-64									
	ABWF-MW-Cat Ladder/Hatch Cover	, i	13	11-Jun-18	27-Jun-18	11-Jun-18	27-Jun-18	0%	0%	0					<u> </u>				
			0	11-7011-10		11-3011-10	23-Jul-18		0%		-				<u> </u>		n.		T0.C
	Ready for System T&C		U		23-Jul-18		23-JUI-18	0%	0%	0	ļ	 -	ļ				Ş K€	eady for \$yste	m 1&C,
Industrial Space																			
	Access for ABWF/MEP Installation (GF Slab@		0	21-Jul-18		21-Jul-18		0%	0%	0	-						Acce	ess for ABWF,	/MEP Installa
	GW-Erect Common Scaffold (2m below Soffit	:)	13	21-Jul-18	04-Aug-18	21-Jul-18	04-Aug-18	0%	0%	0	- 1						_	₩_	
	BW-Fairface Concrete Defect Rectification		7	06-Aug-18	13-Aug-18	06-Aug-18	13-Aug-18	0%	0%	0									7
	ABWF-Wet Trade-Patching up tie-bolt/Ceiling		13	14-Aug-18	28-Aug-18	14-Aug-18	28-Aug-18	0%	0%	0	ļļ	ļļ	ļļ						
	MEP H/L 1st/2nd/Final Fix Installation (Includ	ding FS Device)-under Soffit	19	29-Aug-18	19-Sep-18	29-Aug-18	19-Sep-18	0%	0%	0	_								
2. Zone D1 GL 1-																			
AHU Room (B2-	2-1-809R)																		
	MEP-AHU equipment on site		0	15-Jun-18		15-Jun-18		0%	0%	0				S ME	P-AHU equ	ipment on st	te, 15-Jun-	18	
BS-B2-11110 N	MEP- 1st / 2nd fix - Pipe / Duct / Containmen	t Installation	13	13-Apr-18	28-Apr-18	23-Jan-18 A	15-Jun-18	100%	5%	-39									
AS-B2-10670 A	Access for ABWF/MEP Installation		0	20-Jun-18		20-Jun-18		0%	0%	0				8	Access to	r ABWF/MEP	Installatio	n, 20-Jun-18	
AW-B2-11000 A	ABWF-Plinth/Sealer		7	20-Jun-18	28-Jun-18	20-Jun-18	28-Jun-18	0%	0%	0					-				
AW-B2-11010 A	ABWF-Door/Ironmoaries		5	28-Jun-18	05-Jul-18	28-Jun-18	05-Jul-18	0%	0%	0	1					-			
BS-B2-11140 N	MEP - AHU equipment installation / Connecti	ion	25	15-Jun-18	17-Jul-18	15-Jun-18	17-Jul-18	0%	0%	0	1						•		
3. Zone D																			
RDE FS Tank &	Pump Room (B2-3-500R)											1 1	1 1			1 1	· · · · · · · · · · · · · · · · · · ·		1 1
AS-B2-10680 A	Access for ABWF/MEP Installation		0	20-Jun-18		20-Jun-18		0%	0%	0				8	Access to	r ABWF/MEP	Installatio	n, 20-Jun-18	
AW-B2-11030 B	BW-RC Plinth/Water proofing /Water Test		13	20-Jun-18	06-Jul-18	20-Jun-18	06-Jul-18	0%	0%	0	1			Ì	- 1:				
AW-B2-11040 A	ABWF-Wet Trade-Ceiling/Wall/Floor Paint		7	06-Jul-18	14-Jul-18	06-Jul-18	14-Jul-18	0%	0%	0	1								
	ABWF/MEP Installation in RDE Water Tanks (Detail refer to M+.CSF Tanks Section)	27	20-Jun-18	23-Jul-18	20-Jun-18	23-Jul-18	0%	0%	0	1				- 1				
	MEP 1st/2nd fix / FS Pumps Set / Pipework /		27	14-Jul-18	15-Aug-18	14-Jul-18*	15-Aug-18	0%	0%	0		†	 						
	MEP-FS Water pump equipment on site		0	15-Aug-18		15-Aug-18		0%	0%	0	-								MEP-FS
	MEP-FS Pumps/LMCC Installation and Connec	tion	27	15-Aug-18	15-Sep-18	15-Aug-18	15-Sep-18	0%	0%	0	-								
Crate Workshop			27	15 / 10 10	15 5cp 10	13 7 (05 10	13 SCP 10	070	0,0										
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A3-B2-10030 A	Access for ARIME & MED Installation		0	21-Jun-18		21-Jun-18		0%	0%	0	1 1	1 1	1 1	_ i _ i - (Access	OF ARVAE & N	AED Inctalla	tion 21-lun-	19
AVA/ DO 11000 A	Access for ABWF & MEP Installation	facelar	0	21-Jun-18	07 1.1 10	21-Jun-18	07 Ivil 10	0%	0%	0	 	ļļ	ļļ		Access	or ABWF & N	ИЕР Installa	ation, 21-Jun-	18
	ABWF-Wet Trade;Rendering/Floor screeding/	/sealer	13	21-Jun-18	07-Jul-18	21-Jun-18	07-Jul-18	0%	0%	0	-				Access f	or ABWF & N	ИЕР Installa	ation, 21-Jun-	18
AW-B2-11070 A	ABWF-Wet Trade;Rendering/Floor screeding/ ABWF- Install Security Shutter		13 13	21-Jun-18 07-Jul-18	23-Jul-18	21-Jun-18 07-Jul-18	23-Jul-18	0%	0%	0					Access	or ABWF & N	ИЕР Installa	ation, 21-Jun-	18
AW-B2-11070 A BS-B2-11500 N	ABWF-Wet Trade;Rendering/Floor screeding/ ABWF- Install Security Shutter MEP-1st/2nd Fix Installation/Ceiling Mounted		13 13 13	21-Jun-18 07-Jul-18 07-Jul-18	23-Jul-18 23-Jul-18	21-Jun-18 07-Jul-18 07-Jul-18	23-Jul-18 23-Jul-18	0% 0% 0%	0% 0% 0%	0 0					Access	or ABWF & N	ΛΕΡ Installa	ation, 21-Jun-	18
AW-B2-11070 A BS-B2-11500 N AW-B2-11080 A	ABWF-Wet Trade;Rendering/Floor screeding/ ABWF- Install Security Shutter MEP-1st/2nd Fix Installation/Ceiling Mounted ABWF-H/L Steel Platform	d AHU	13 13 13 13	21-Jun-18 07-Jul-18 07-Jul-18 23-Jul-18	23-Jul-18 23-Jul-18 07-Aug-18	21-Jun-18 07-Jul-18 07-Jul-18 23-Jul-18	23-Jul-18 23-Jul-18 07-Aug-18	0% 0% 0% 0%	0% 0% 0%	0 0 0 0					Access f	or ABWF & N	ΛΕΡ Installa		
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AW-B2-11070 A BS-B2-11500 N AW-B2-11080 A BS-B2-11510 N AW-B2-11090 A BS-B2-11520 N AW-B2-11100 A AS-B2-11070 R 4. Zone H GL 9-1 DCS Chiller Plan BS-B2-11550 N BS-B2-11550 N BS-B2-11550 N BS-B2-11550 N BS-B2-11560 N BS-B2-11580 N	ABWF-Wet Trade; Rendering / Floor screeding / ABWF- Install Security Shutter MEP-1st/2nd Fix Installation/Ceiling Mounted ABWF- H/L Steel Platform MEP- 2nd Fiix-Wiring / connection / Dropper un ABWF- Wall Final Paint MEP-Ceiling, / Wall Final Fix ABWF- Door / Ironmongeries Ready for FS System T&C 14/H-M INTELLATION OF THE STEEL	der Platform	13 13 13 13 3 7 0 27 54 30 54 27	21-Jun-18 07-Jul-18 07-Jul-18 23-Jul-18 07-Aug-18 10-Aug-18 12-Aug-18 22-Aug-18 23-Apr-18 12-Dec-17 14-Jun-18 03-Jan-18 07-Jul-18	23-Jul-18 23-Jul-18 07-Aug-18 10-Aug-18 10-Aug-18 18-Aug-18 22-Aug-18 30-Aug-18 30-Aug-18 26-May-18 20-Feb-18 21-Jul-18 09-Mar-18 08-Aug-18	21-Jun-18 07-Jul-18 07-Jul-18 23-Jul-18 07-Aug-18 10-Aug-18 18-Aug-18 22-Aug-18 23-Jan-18 A 20-Oct-17 A 23-May-18 A 27-Nov-17 A 07-Jul-18	23-Jul-18 23-Jul-18 07-Aug-18 10-Aug-18 18-Aug-18 22-Aug-18 30-Aug-18 30-Aug-18 22-Jun-18 22-Jun-18 07-Jul-18 12-Jul-18 08-Aug-18	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0 0 0 0 0 0 0 0 0 0 0 0							/IEP Ins ta lla		
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Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May	y to 02 Jun 2018) (CMWP 8D)		1 2000	10	100000		1	-		1					11100					0.1100	
Activity ID	Activity Name		Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)		32	2		33			34		35	5
ΔW-R1-11	11350 HC-Construction Logistic/Temporary Site St	corage Period	156	19-Jul-18	23-Jan-19	19-Jul-18	23-Jan-19	0%	0%	0	30 0	07 1	4 21	28 04	11	18 25	02 0	9 16	23 30	06 13	3 20
	or & Fuel & Tank Rooms (B1-2-708) GL 5'-6'/A-		130	15 301 10	25 3811 15	15 30 10	25 3811 15	070	070			_		1							
ul.	0540 MEP 1st Fix/2nd	·*	7	14 Mes 10	22 Mar 10	03 Jan 19 A	07 Jun 19	100%	16.019/	60	4			-							
														т.							
	11460 ABWF - Door & Lourvers Installation										_			- -	721						
	11470 ABWF final touch up														<u> </u>		4				
		e plinth & waterproofing works for fuel tank room	_				-				-			- -	TT		-				
	11450 ABWF - Plastering, tank soffit sealer & cat	ladder installation						***		-		<u> </u>		<u> 1 </u>	<u> </u>		: = :		_		- 1 - 7
	0550 Generator Installation										- :			T:	TI				-1111		
	0560 Generator SAT		13	27-Jul-18	11-Aug-18	27-Jul-18	11-Aug-18	0%	0%	0				-						_	
<u> </u>	leter Room (B1-2-600) GL 4'-5'/K'-A'					المستحيا					4				<u></u>		<u> </u>				
	11480 ABWF - Ceiling / Wall / floor - 1st Coat														-						
	0570 MEP Installation								47.1	-	_						_	1 1	-	_	
	11490 ABWF - Door frame & panels & ironmonger	ries installation			-		-				_									1	
	11500 ABWF final touch up		7	08-Aug-18	15-Aug-18	08-Aug-18	15-Aug-18	0%	0%	0	_										
	e (B1-2-957) GL 2'-3'/C'-D'										4				44				<u></u>]i.		
	11510 ABWF - Ceiling / Wall / floor - 1st Coat			09-Jul-18	30-Jul-18	09-Jul-18	30-Jul-18	0%	0%	0	1							: :			
	0580 MEP Installation		19	31-Jul-18	21-Aug-18	31-Jul-18	21-Aug-18	0%	0%	0										7	-
	11520 ABWF - Door frame & panels & ironmonger	ries installation	7	22-Aug-18	29-Aug-18	22-Aug-18	29-Aug-18	0%	0%	0											
	11530 ABWF final touch up		7	30-Aug-18	06-Sep-18	30-Aug-18	06-Sep-18	0%	0%	0											
LV Switch	h Room (B1-3-701R) GL 2'-3'/E'-F'																				
AW-B1-10	10790 ABWF - Door frame & panels & ironmonger	ries installation	15																		
AW-B1-10	10800 ABWF - Dust free sealer on floor		Dots Only State Only State Only State Fresh Security Fresh Security Only State Only State																		
Lighting (Control Centre (B1-2-705C)																				
AS-B1-10	0740 Access for MEP / ABWF Installation		0	28-Jun-18		28-Jun-18		0%	0%	0						8	ccess for	MEP / ABW	F Installation	, 28-Jun-1	18
AW-B1-11	11990 General Builder's Works		7	28-Jun-18	06-Jul-18	28-Jun-18	06-Jul-18	0%	0%	0						Ħ					
AW-B1-12	12000 ABWF - Ceiling / Wall / floor - 1st Coat		21	07-Jul-18	31-Jul-18	07-Jul-18	31-Jul-18	0%	0%	0	1										
BS-B1-11	1040 MEP-1st/2nd Fix Installation (G.L. 2-11/C-D))	50	01-Aug-18	28-Sep-18	01-Aug-18	28-Sep-18	0%	0%	0										<u> </u>	_
2. Carriage	eway																				
Zone S																					
Zone S C	Carriageway FS Control Room (B1-1-907M)-1																				
BS-B1-1:	11030 Access for ABWF / MEP Installation		0	17-Jun-18		17-Jun-18		0%	0%	0					8	Access for	ABWF / M	IEP Installati	on, 17-Jun-18	8	
AW-B1-1	-133 ABWF-Soffit Sealer		7	19-Jun-18	26-Jun-18	19-Jun-18	26-Jun-18	0%	0%	0	1				1						
AW-B1-1	-133 ABWF-Door/Ironmongeries		27	19-Jun-18	20-Jul-18	19-Jun-18	20-Jul-18	0%	0%	0	-				1 1	زاداد					- 1 - 7
	12590 MEP-1st/2nd Fix Installation		40	27-Jun-18	13-Aug-18	27-Jun-18	13-Aug-18	0%	0%	0	- 1						ضع		فليف		
BS-B1-12	12600 MEP-Fire Control Panel Installation		27	14-Aug-18	13-Sep-18	14-Aug-18	13-Sep-18	0%	0%	0	1										<u>ن</u>
	Communal Area FS Control Room (B1-1-908M	0		التشاط							1				++						
	10900 Access for ABWF / MEP Installation		0	17-Jun-18		17-Jun-18		0%	0%	0	1				*	Access for	ABWF / M	IEP Installati	on, 17-Jun-17	8	
	-129 ABWF-Soffit Sealer		7		26-Jun-18		26-Jun-18		0%	0	1				1						
	10480 MEP-1st/2nd Fix Installation		40								1								<u> </u>		
	10740 Room Power On				-	1	-			-	1									★ F	Room Pov
	-129 ABWF-Door/Ironmongeries		-	14-Aug-18	-	14-Aug-18				-	+									· · · · · · · · · · · · · · · · · · ·	
	10720 MEP-Fire Control Panel Installation		_	-	-		-				1									- 1	أسلك
Zone R				-5 / rug-10	14 Sch-10	15 7.05-10	14 Sep-10	370	570												
B1/F Zor	one R Carriageway SEF Room (B1-1-808C)																				
	11340 MEP-SES Equipment On Site		0	05-Jun-19		05-Jun-19*		094	0%	0	4			♦ x	NED-CEC E	uinment d	n Site ne	Jun-18*			
	10910 Access for ABWF / MEP Installation				+		-										4		on 17 lun 1	8*	
	-121 General Builder's Works				26-Jun-18		26-Jun-19				-				9,			mstandti	J., 4/ Juli-10	1	
					20"3011"10		20-3011-18			-	-					- T		MED CEC	Foundation	t on Site	12010144
	-123 MEP- SES Eqwuipment on Site				10 Jul 10		10 1-1 10	*/-			-						1 1	VIVIER- SES	Eqwarpment	on alte,	12/JUI-19
	-123 ABWF - Ceiling / Wall / floor - 1st Coat										+							_			
	-123 MEP-Equipment Installation and Connection	a		-	-	-					4				44		ļļ				
	11320 MEP 1st / 2nd / Final Fix	2 madestrian navament Cl Cl 2/2	54	12-Jul-18	13-Sep-18	12-Jul-18	13-Sep-18	0%	0%	0										=	$\overline{}$
	one R Carriageway, including taxi drop off bay	s a pedestrian pavement GL 6 -2/A-M		1.2.							4						1				
AC D1 1/	10920 Access for ABWF / MEP Installation		0	17-Jun-18		17-Jun-18		0%	0%	0	1 :	- 1	1 1	1 :	- 7	Access for	ABWF / M	IEP Installati	on, 17-Jun-18	8 :	1 1
	-106 ABWF-Ceiling Sealer					+		+			- :	- 1	1 1	1 1		🕳) b	1 1	1 1		1	

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)		1						
Activity ID Activity Name	CMWP CMWP - R0 Dur. (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32 33 34 35
DC D1 117CO MCD Corrigon van 1st / 2sd File	1 1			06 1 1 40				30 07 14 21 28 04 11 18 25 02 09 16 23 30 06 13 20
BS-B1-11760 MEP-Carriageway 1st / 2nd Fix	12 22-Jun-18	06-Jul-18	22-Jun-18	06-Jul-18	0%	0%	0	
BS-B1-11780 MEP-Escalator (ES11, ES12) Installation	40 19-Jun-18	04-Aug-18	19-Jun-18	04-Aug-18	0%	0%	0	_
AW-B1-122 ABWF-Carriageway paving, road kerb and pedestrian pavement construction	36 07-Jul-18	17-Aug-18	07-Jul-18	17-Aug-18	0%	0%	0	_
BaP-B1-100 HC logistics / vehicle access	130 07-Jul-18	08-Dec-18	07-Jul-18	08-Dec-18	0%	0%	0	_
Zone D1, D2, N, L, K, H								
MAF / SEF Room (B1-1-800C, 802C, 803C)								
AS-B1-10960 Access for ABWF / MEP Installation	0 23-Aug-18		23-Aug-18		0%	0%	0	\$ A
AW-B1-105 General Builder's Works	7 23-Aug-18	31-Aug-18	23-Aug-18	31-Aug-18	0%	0%	0	□ : : : : : : : : : : : : : : : : : :
AW-B1-105 ABWF - Ceiling / Wall / floor - 1st Coat	19 31-Aug-18	22-Sep-18	31-Aug-18	22-Sep-18	0%	0%	0	
3. Zone A_M_E_N								
General Area - BOH/Office/Storage/Corridor/Toilets/Lobby								
Corridors/Lobbys								
AW-B1-124 ABWF-Soffit Sealer	7 05-Jun-18	13-Jun-18	05-Jun-18	13-Jun-18	0%	0%	0	AW-B1-124-0
BS-B1-11430 MEP Dropper	13 21-Apr-18	07-May-18	26-Mar-18 A	14-Jun-18	100%	8.01%	-32	
AW-B1-124 ABWF-Wet Trade; T-Post/Block Wall/Rendering (GL 1 to 3)	25 14-Feb-18	19-Mar-18	05-Dec-17 A	19-Jun-18	100%	40%	-72	
BS-B1-11410 MEP-1st/2nd Fix Installation	40 14-Apr-18	01-Jun-18	15-Mar-18 A	22-Jun-18	97.5%	57%	-16	-
AW-B1-124 ABWF-Ceiling Frame (FS Ceiling)	13 11-Jun-18	26-Jun-18	11-Jun-18	26-Jun-18	0%	0%	-16	
AW-B1-124 ABWF-Ceiling Frame (FS Ceiling) AW-B1-124 ABWF-FS Ceiling Close up	13 11-Jun-18 13 26-Jun-18	26-Jun-18 12-Jul-18	26-Jun-18	26-Jun-18 12-Jul-18	0%	0%	0	-
BS-B1-11420 MEP- 2nd Fix (Cabling)	54 03-Mar-18	10-May-18	21-Feb-18 A	25-Jul-18	100%	18%	-61	
BS-B1-11440 MEP-Ceiling Final Fix	13 12-Jul-18	27-Jul-18	12-Jul-18	27-Jul-18	0%	0%	0	
AW-B1-124 ABWF-Wall Final Paint/Corner Potection	13 12-Jul-18	27-Jul-18	12-Jul-18	27-Jul-18	0%	0%	0	
AW-B1-124 ABWF-Door/Ironmongeries	13 27-Jul-18	11-Aug-18	27-Jul-18	11-Aug-18	0%	0%	0	_
BOH Workshop, Office and Facilities Rooms								
BS-B1-11460 MEP-1st/2nd Fix Installation	15 23-May-18	08-Jun-18	09-Apr-18 A	15-Jun-18	53.33%	18%	-5	
BS-B1-11470 MEP- 2nd Fiix (Cabling)	31 15-May-18	21-Jun-18	19-Mar-18 A	30-Jun-18	45.16%	20%	-8	
AW-B1-125 ABWF-Wet Trade; T-Post/Block Wall/Rendering/sealer	40 30-Jan-18	21-Mar-18	05-Dec-17 A	10-Jul-18	100%	20%	-87	
AW-B1-125 ABWF-Ceiling Frame/Grid (Office Ceiling Area)	13 30-Jun-18	17-Jul-18	30-Jun-18	17-Jul-18	0%	0%	0	
BS-B1-11480 MEP- FS/Lighting/A/C Dropper (Office Ceiling Area)	27 17-Jul-18	17-Aug-18	17-Jul-18	17-Aug-18	0%	0%	0	
AW-B1-125 ABWF-Ceiling Close Up (Office Ceiling Area)	27 17-Aug-18	18-Sep-18	17-Aug-18	18-Sep-18	0%	0%	0	T
BS-B1-11490 MEP-Ceiling/Wall Final Fix	54 17-Aug-18	23-Oct-18	17-Aug-18	23-Oct-18	0%	0%	0	□
Toilets & Toilet Lobby								
Public Toilet at GL 6,D								
BS-B1-115 MEP Dropper	3 19-May-18	24-May-18	19-Mar-18 A	04-Jun-18	100%	5.99%	-9	
AW-B1-12! ABWF-Block Wall	7 30-Apr-18	09-May-18	28-Dec-17 A	08-Jun-18	100%	5%	-25	
BS-B1-115 MEP-Low Level P&D Pipework, H/L 1st/2nd Fix	13 26-Jan-18	10-Feb-18	15-Jan-18 A	11-Jun-18	100%	34%	-94	
AW-B1-12I ABWF-Ceiling Close up/Ceiling Finish	7 04-Jun-18	12-Jun-18	04-Jun-18	12-Jun-18	0%	0%	0	- <u> </u>
AW-B1-12: ABWF-Waterproofing/Water Test	7 11-Jun-18	20-Jun-18	11-Jun-18	20-Jun-18	0%	0%	0	AW-B-12570
AW-B1-12: ABWF-Cublic Partition	7 12-Jun-18	21-Jun-18	12-Jun-18	21-Jun-18	0%	0%	0	
AW-B1-121 ABWF-Cubil Faithfull AW-B1-121 ABWF-Final Fix-Sanitaryware/Sink/Door	7 21-Jun-18	29-Jun-18	21-Jun-18	29-Jun-18	0%	0%	0	-
					0%		-	
AW-B1-12! ABWF-Floor screeding/Wall Plastering/Tiling/Counter Steel Frame	13 20-Jun-18	06-Jul-18	20-Jun-18	06-Jul-18		0%	0	AW-B1 12580
BS-B1-115 MEP Final Fix	7 29-Jun-18	09-Jul-18	29-Jun-18	09-Jul-18	0%	0%	0	
AS-B1-111 ABWF/MEP Installation Completed	0	09-Jul-18		09-Jul-18	0%	0%	0	ABWF/MEP Installation Completed,
AW-B1-12: ABWF-Ceiling Grid/Ceilng Panel with Service Openings	7 06-Jul-18	14-Jul-18	06-Jul-18	14-Jul-18	0%	0%	0	AW-B1-12590
Staff Toilet / Changing Room at GL 5-6, B								
AW-B2-1 ² ABWF/MEP Installation in Toilet (Detail refer to Public Toilet at GL 6 D	72 01-Feb-18	05-May-18	15-Jan-18 A	09-Aug-18	100%	20%	-79	
Staff Toile at GL 2, C								
AW-B2-1 ABWF/MEP Installation in Toilet (Detail refer to Public Toilet at GL 6 D	72 22-Jan-18	24-Apr-18	15-Jan-18 A	09-Aug-18	100%	20%	-88	
Transformer Room 1 & 2 (B1-1-700 & B1-1-702)								
BS-B1-11560 Tx Rm 1 & 2 Power On by CLP	0	09-Jun-18		09-Jun-18	0%	0%	0	Tx Rm 1 & 2 Power On by CLP,
LV Main Switchroom 1 & 2 (B1-1-704 & B1-1-703)								
BS-B1-10290 Installation Completed and Ready for Power On	0	07-Jun-18		07-Jun-18	0%	0%	0	Installation Completed and Ready for Power On,
AW-B1-10100 ABWF - Door frame & panels & ironmongeries installation	7 16-Jun-18	25-Jun-18	16-Jun-18	25-Jun-18	0%	0%	0	AW-81-10100
Main IT Room (B1-1-954)	. 25 3411 25							
AW-B1-12710 ABWF-Wall Final Paint	3 10-Mar-18	14-Mar-18	04-Dec-17 A	02-Jun-18	100%	50%	-63	 _
	2 10-Wal-10	2-1-101-10	0 DCC-17 A	02 Juli 10	13070	3370		

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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Activity Name	Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	Finish Variance (+/-d)	20 07	32	20 04	33	25 02 0	34	2 20 0	35
S-B1-11570 MEP H/L and Wall 1st/2nd Fix MEP Installation	19	29-Jan-18	23-Feb-18	27-Nov-17 A	16-Jun-18	100%	29%	-91	30 07	14 21	20 04	11 18	25 02 0	9 10 2	3 30 0	70 13
V-B1-12640 ABWF-Wet Trade (Up to 1st coat painting) - Ceiling / Wall / Floor	19	04-Jun-18	27-Jun-18	04-Jun-18	27-Jun-18	0%	0%	0					_			
	7						4,1									
N-B1-12670 ABWF-Ceiling Frame w/ service panels		25-Jun-18	04-Jul-18	25-Jun-18	04-Jul-18	0%	0%	0	-							
S-B1-11580 MEP-H/L Drop per	3	04-Jul-18	07-Jul-18	04-Jul-18	07-Jul-18	0%	0%	0								
W-B1-12690 Ceiling close up	3	07-Jul-18	11-Jul-18	07-Jul-18	11-Jul-18	0%	0%	0								
W-B1-12680 ABWF-Raised Floor Setting out/Padestal/Grid/Door	7	04-Jul-18	12-Jul-18	04-Jul-18	12-Jul-18	0%	0%	0								
W-B1-12700 ABWF-Raised Floor Panel Close-up	3	12-Jul-18	16-Jul-18	12-Jul-18	16-Jul-18	0%	0%	0	ļļ	ļļļ.						
W-B1-12720 ABWF/MEP Installation Completed (Ready for FS T&C)	0		17-Jul-18		17-Jul-18	0%	0%	0						8 ABWF	/MEP Installa	ation Comp
S-B1-11600 MEP Wall & Ceiling Final Fix	5	11-Jul-18	17-Jul-18	11-Jul-18	17-Jul-18	0%	0%	0						7		
5-B1-11610 ELV- Equipment Rack Installation	13	17-Jul-18	01-Aug-18	17-Jul-18	01-Aug-18	0%	0%	0							-	
S-B1-11620 ELV- Backbone Cabling From Various Floors	90	17-Jul-18	02-Nov-18	17-Jul-18	02-Nov-18	0%	0%	0							-	,
ntral Control Centre & Central Control Centre Equip. Rm & Network Operation Centre (G.L. 6-12/A)											N					
N-B1-10180 ABWF/MEP Installation in Central Control Centre (Detail refer to Main IT Room)	63	04-Jun-18	18-Aug-18	03-May-18 A	15-Aug-18	0%	0%	3	-		7					
W-B1-10190 ABWF/MEP Installation in Central Control Equipment Rm(Detail refer to Main IT Room)	63	15-Jun-18	29-Aug-18	15-Jun-18	29-Aug-18	0%	0%	0	1				<u> </u>			
W-B1-10200 ABWF/MEP Installation in Network Operation Centre (Detail refer to Main IT Room)	63	23-Jun-18	06-Sep-18	23-Jun-18	06-Sep-18	0%	0%	0	1 :]			<u> </u>		
ie kitchen (B1-1-044) GL 10-12/A-E & Catering Kitchen (G.L. 10 / B)																
-B1-10170 MEP 1st / 2nd fix	19	25-Apr-18	18-May-18	05-Feb-18 A	22-Jun-18	100%	9%	-28			+	<u> </u>				
-B1-11660 MEP- Install Floor Drain/Wall Concealed Pipework	7	22-Jun-18	30-Jun-18	22-Jun-18	30-Jun-18	0%	0%	0								
V-B1-10730 ABWF-Waterproofiing & floor screeding/Rendering/Tile	25	30-Jun-18	31-Jul-18	30-Jun-18	31-Jul-18	0%	0%	0	1		1				_	
-B1-10250 KIT-Installation Kitchen Equipment	38	31-Jul-18	13-Sep-18	31-Jul-18	13-Sep-18	0%	0%	0	-							
6-B1-11690 MEP-2nd fix-connection to Kitchen Equipment/Cabling	38	14-Aug-18	28-Sep-18	14-Aug-18	28-Sep-18	0%	0%	0								
one C_D1	38	14-Aug-16	20-3ep-10	14-Aug-18	28-3ep-18	076	076									
H Corrodior along G.L.J										ļļļ						
			,													
S-B1-10840 Access for ABWF/MEP Installation		23-Aug-18		23-Aug-18		0%	0%	0								
W-B1-12800 ABWF-Sealer paint	3	23-Aug-18	27-Aug-18	23-Aug-18	27-Aug-18	0%	0%	0								
S-B1-11180 MEP 1stFix-Main Chilled Water Header Installation/Connection to Risers	54	27-Aug-18	01-Nov-18	27-Aug-18	01-Nov-18	0%	0%	0								
T Riser Room										<u> </u>						
S-B1-10850 Access for ABWF/MEP Installation	0	23-Aug-18		23-Aug-18		0%	0%	0								
W-B1-12820 ABWF-Sealer paint	3	23-Aug-18	27-Aug-18	23-Aug-18	27-Aug-18	0%	0%	0								
S-B1-11120 MEP 1st/2nd Fix	13	27-Aug-18	11-Sep-18	27-Aug-18	11-Sep-18	0%	0%	0								
V Room																
S-B1-10870 Access for ABWF/MEP Installation	0	23-Aug-18		23-Aug-18		0%	0%	0								
W-B1-12840 ABWF Sealer paint	3	23-Aug-18	27-Aug-18	23-Aug-18	27-Aug-18	0%	0%	0	1							
S-B1-11240 MEP 1st/2nd Fix	13	27-Aug-18	11-Sep-18	27-Aug-18	11-Sep-18	0%	0%	0	1							
one H																
ansformer Room C																
S-B1-12650 CLP Power On	0		07-Jun-18		07-Jun-18	0%	0%	0			★ CLP	Power On,				
									ļ	 -	- - - -					
/RDE Zone																
rpark Area																
N-LG-10000 ABWF - Wet Trade / Block wall / rendering / Ceiling / Floor	19	06-Jun-18	29-Jun-18	06-Jun-18	29-Jun-18	0%	0%	0					_			
	50		29-Jun-18 21-Mar-18	27-Nov-17 A	29-Jun-18 10-Jul-18	100%	37%	-87								
-LG-10000 MEP H/L 1st Fix Installation		18-Jan-18		27-Nov-17 A 10-Jul-18		100%	4171									
-LG-10010 MEP 2nd Fix Installation-Cabling	54	10-Jul-18	11-Sep-18		11-Sep-18		0%	0			1					
P-LG-10000 HC-Construction Logistic/Temporary Site Storage Period	143	10-Jul-18	29-Dec-18	10-Jul-18	29-Dec-18	0%	0%	0			1			1 1	11 1	
Switch Room (LG-3-700R) GL 4'-5'/H'-J'															Щ	
LV Switch Room Installation (Refer to B1/F LV Switch Room)	73	06-Feb-18	11-May-18	06-Jan-18 A	01-Aug-18	100%	31%	-67	-		1 1	1		1 1		
S-LG-10050 Ready for Power On	0		01-Aug-18		01-Aug-18	0%	0%	0			- []]			Read	ly for Powe
E Stair Pressurization (LG-3-800R)																
S-LG-10110 Access for ABWF/MEP Installation	0	06-Jun-18		06-Jun-18		0%	0%	0			Agce	ss for ABW	F/MEP Installati	on, 06-Jun-18	3	
W-LG-10060 BW-Plinth	7	06-Jun-18	13-Jun-18	06-Jun-18	13-Jun-18	0%	0%	0	1							
N-LG-10070 ABWF - Ceiling / Wall / floor - 1st Coat	19	14-Jun-18	07-Jul-18	14-Jun-18	07-Jul-18	0%	0%	0	1							
S-LG-10060 MEP 1st/2nd Fix Installation	54	29-Jun-18	01-Sep-18	29-Jun-18	01-Sep-18	0%	0%	0	1				1: :			
	54							-	1							

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May		Jun	e		July 34		August
	Dur.	(DO) SIZIT	(DO) FINISH	7 Urecast Start	r ii liSII	76 Complete	Complete	(+/-u)	30 07	14 21	28	04 11	18	25 02 0		23 30 0	06 13
nporary Exhibation (G-1-004)																	
G-GF-10450 Access for ABWF / MEP / Fit-out Installation	0	29-Jun-18		29-Jun-18		0%	0%	0						Access fo	ABWF / MI	P / Fit-out Ins	stallation,
C-GF-10000 RC defect rectification	13	29-Jun-18	14-Jul-18	29-Jun-18	14-Jul-18	0%	0%	0	1						-		
N-GF-10000 PISA-Glass Wall/Muillion	9	16-Jul-18	25-Jul-18	16-Jul-18	25-Jul-18	0%	0%	0			T		T				
G-GF-10450 MEP H/L - 1st fix - riser duct installation	19	17-Jul-18	08-Aug-18	17-Jul-18	08-Aug-18	0%	0%	0								\rightarrow	1
-GF-10000 MEP H/L 2nd Fix - Ligting wiring / lighting / AC equipment	13	26-Jul-18	09-Aug-18	26-Jul-18	09-Aug-18	0%	0%	0									•
-GF-10010 MEP H/L - final fix - sprinker head / alignment (after pipew / dropper install @ 1MF)	13	26-Jul-18	09-Aug-18	26-Jul-18	09-Aug-18	0%	0%	0								\rightarrow	•
V-GF-10040 ABWF and MEP H/L 1st/2nd Fix Completed	0		10-Aug-18		10-Aug-18	0%	0%	0									BWF
V-GF-10830 ABWF - Raised floor - setting out / install padestal / grid (partial)	7	10-Aug-18	17-Aug-18	10-Aug-18	17-Aug-18	0%	0%	0	1	1			†				
-GF-10460 MEP (under raised floor) - A/C duct with insulatiom / containment wiring / fs sprinkler	27	18-Aug-18	18-Sep-18	18-Aug-18	18-Sep-18	0%	0%	0	1								
ne A - Lift Lobby / Corridor / Staff Entrance																	
-GF-10460 Access for ABWF / MEP / Fit-out Installation	0	29-Jun-18		29-Jun-18		0%	0%	0						Access fo	ABWF / MI	P / Fit-out Ins	stallation,
V-GF-10090 ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	29-Jun-18	14-Jul-18	29-Jun-18	14-Jul-18	0%	0%	0	1								
-GF-10060 MEP Installation H/L 1st & 2nd Fix / riser	40	16-Jul-18	30-Aug-18	16-Jul-18	30-Aug-18	0%	0%	0	 	+			†				
-GF-10080 MEP - 2nd fix cabling & wiring / AC equipment		31-Aug-18	03-Oct-18	31-Aug-18	03-Oct-18	0%	0%	0	1								
ne M - Lift Lobby / Corridor / Concourse				5205 20		3,0	-/-										
-GF-10470 Access for ABWF / MEP / Fit-out Installation	0	15-Jul-18		15-Jul-18		0%	0%	0							Arress	for ABWF / N	ΛΕΡ / Fit-o
V-GF-10860 ABWF - Wet trade - rendering / ceiling / wall 1st coat	13	16-Jul-18	30-Jul-18	16-Jul-18	30-Jul-18	0%	0%	0	-						Access		/ 11601
-GF-10510 MEP Installation H/L 1st & 2nd Fix / riser / AC equipment	40	31-Jul-18	14-Sep-18	31-Jul-18	14-Sep-18	0%	0%	0	 	· 							
ets & Toilet Lobbies	40	31-JUI-18	14-5ep-18	21-1NI-18	14-5ep-18	U%	υ%	U									
-GF-10530 Access for ABWF and MEP Installation (Link from Zone E1/E2)		45 1 40		45.1 40		0%	0%					_					
· · · · · · · · · · · · · · · · · · ·	0	15-Jun-18		15-Jun-18		47-	471	0	1			<u> </u>	Access	or ABWF and	VIER Installat	non (Link from	n Zone E1/
V-GF-10280 ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	15-Jun-18	24-Oct-18	15-Jun-18	24-Oct-18	0%	0%	0				- -	T	1 1	1 1	1 1	
Inlet Cabinet GL 2-3/A-D									ļi		.1		1				
-GF-10480 Access for MEP Installation	0	29-Jun-18		29-Jun-18*		0%	0%	0						Access fo	MEP Install	ation, 29-Jun-	18*
FS inlet cabinet installation	40	21-Jul-18	05-Sep-18	21-Jul-18	05-Sep-18	0%	0%	0							-		
FS inlet pipework installation	40	11-Aug-18	28-Sep-18	11-Aug-18	28-Sep-18	0%	0%	0									-
one B, F, Q, P (Main Lobby)																	
n Lobby (G-1-014), including Zone A Portion-GL 3-6)										<u>.ii.</u>					ii.		
one A (GL 3-6)																	
W-GF-112 ABWF- Ceiling Sealer (GL 3-6)	7	12-Jun-18	20-Jun-18	12-Jun-18	20-Jun-18	0%	0%	0					=				
S-GF-10540 Access for ABWF / MEP / Fit-out Installation (Zone A Portion- GL 3-6)	0	29-Jun-18		29-Jun-18		0%	0%	0						Access fo	ABWF / MI	P / Fit-out Ins	stallation (
S-GF-1071C MEP 1st/2nd Fix (Around Colummn)/H/L 2nd Fix (Lighting Wiring)- (GL 3-6) / AC equipment	25	21-Jun-18	20-Jul-18	21-Jun-18	20-Jul-18	0%	0%	0						-			
S-GF-1076C MEP-Final Fix-H/L Light Fitting	25	15-Aug-18	12-Sep-18	15-Aug-18	12-Sep-18	0%	0%	0	1								
one E, P (GL 8-11)										1 1			1 1				
S-GF-1056C Access for ABWF / MEP / Fit-out Installation- Link from Zone P Slab Cast	0	22-Jun-18		22-Jun-18		0%	0%	0					\$ A	ccess for ABW	F / MEP / Fit	out Installation	ion- Link fro
W-GF-113 RC-Defect Rectification	13	22-Jun-18	07-Jul-18	22-Jun-18	07-Jul-18	0%	0%	0									
W-GF-113 ABWF- Ceiling Sealer	7	09-Jul-18	16-Jul-18	09-Jul-18	16-Jul-18	0%	0%	0	1						=		
S-GF-10820 MEP- Erect Escalator Truss (ES01, 02)- From GF to B2	13	17-Jul-18	31-Jul-18	17-Jul-18	31-Jul-18	0%	0%	0	1								
S-GF-1081C MEP 1st/2nd Fix (Around Colummn)/H/L 2nd Fix (Lighting Wiring) / AC equipment	25	17-Jul-18	14-Aug-18	17-Jul-18	14-Aug-18	0%	0%	0	 	+	+-		†				
W-GF-113 PISA-Install Ceramic Tube/Mullion/Glass Wall	43	09-Jul-18	27-Aug-18	09-Jul-18	27-Aug-18	0%	0%	0							; - ;	: :	
S-GF-1084C MFP-H/L Final Fix	13	15-Aug-18	29-Aug-18	15-Aug-18	29-Aug-18	0%	0%	0	1								
	27					0%	0%	0	1								
W-GF-113 PISA-Install Ceramic Tube/Mullion/Glass Wall (GL D-H, 11 and D-E, 11-12) W-GF-113 ABWF-Install FS/Security Shutter	19	01-Aug-18	31-Aug-18	01-Aug-18	31-Aug-18 18-Sep-18	0%	0%	0	1								
		28-Aug-18	18-Sep-18	28-Aug-18			471	0	 	. 			+		DC CT	2020	
S-GF-10830 MEP-Escalator Installation/T&C	54	01-Aug-18	04-Oct-18	01-Aug-18	04-Oct-18	0%	0%	U							BS-GF-1	Jo3U	
one L & K Toilets & Toilet Lobbies GL J/9-10						4.1											
S-GF-1057C Access for ABWF and MEP Installation (Link from Zone E1/E2)	0	22-Jun-18		22-Jun-18		0%	0%	0					₹ A/	ccess for ABW	and MEP Ir	nstallation (Lin	nk from Zor
W-GF-109 ABWF/MEP Installation (detail sequence please "B2 Toilet")	107	22-Jun-18	29-Oct-18	22-Jun-18	29-Oct-18	0%	0%	0					=		1 1		
one G									ļ				1				
-Seat lecture theatre/Workshop / Multi-purpose Lounge/Storage/Lobby																	
-GF-10510 Access for ABWF / MEP / Fit-out Installation	0	23-Jul-18		23-Jul-18		0%	0%	0							*	Access for AB	BWF / MEI
	9	23-Jul-18	02-Aug-18	23-Jul-18	02-Aug-18	0%	0%	0									
V-GF-11000 ABWF-Patching up the tie-bolt hole																	_
	19	23-Jul-18	14-Aug-18	23-Jul-18	14-Aug-18	0%	0%	0									
W-GF-11000 ABWF-Patching up the tie-bolt hole W-GF-10520 ABWF-Isolated floor on structure floor slab at the 150-seat leacture theatre S-GF-10240 MEP 1st / 2nd fix HL	19	23-Jul-18 14-Aug-18	14-Aug-18 12-Sep-18	23-Jul-18 14-Aug-18	14-Aug-18 12-Sep-18	0%	0%	0									7.

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140) (27 May to	02 Jun 2018) (CMWP 8D)														
Activity ID	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	ļ	May 32	June 33	July 34	August 35
Learning Ce	ntre GL 10/C-D		<u> </u>		<u> </u>						30 07	14 21 28	04 11 18	25 02 09 16	23 30 06 13 20 27
.	Access for ABWF / MEP / Fit-out Installation		0	23-Jul-18		23-Jul-18	1	0%	0%	0					Access for ABWF / MEP / Fit-out II
	0 ABWF-Patching up the tie-bolt hole			23-Jul-18	03-Aug-18	23-Jul-18	03-Aug-18	0%	0%	0	1				
	0 ABWF-dry wall frame & shutter installation			23-Jul-18	07-Aug-18	23-Jul-18	07-Aug-18	0%	0%	0					
	0 ABWF-Isolated floor on structure floor slab at the 15	50-seat leacture theatre		23-Jul-18	14-Aug-18	23-Jul-18	14-Aug-18	0%	0%	0			+		
	MEP H/L 1st Fix		_	26-Jul-18	24-Aug-18	26-Jul-18	24-Aug-18	0%	0%	0					
	MEP 2nd fix AC equipment /Cabling/Connection			24-Aug-18	15-Sep-18	24-Aug-18	15-Sep-18	0%	0%	0					<u> </u>
	0 PISA - Glass wall installation (GL 9-11/B-E)			24-Aug-18	03-Oct-18	24-Aug-18	03-Oct-18	0%	0%	0					
4. Zone C, D1						2			***						
<u> </u>	ift Lobby / Corridor / Concourse (GL 5 and 7)												+		 -
<u> </u>	Access for ABWF / MEP / Fit-out Installation		0	28-Jun-18		28-Jun-18		0%	0%	0				Arcess for ABWE / N	MEP / Fit-out Installation, 28-Jun-18
	0 ABWF - Wet trade - rendering / ceiling / wall 1st co	nat	-	28-Jun-18	13-Jul-18	28-Jun-18	13-Jul-18	0%	0%	0					
	MEP Installation H/L 1st & 2nd Fix / riser		_	14-Jul-18	29-Aug-18	14-Jul-18	29-Aug-18	0%	0%	0	-				: : : :
	MEP - 2nd fix cabling & wiring			30-Aug-18	02-Oct-18	30-Aug-18	02-Oct-18	0%	0%	0	1				•
	Room (G-1-057)			30 / ldg 10	02 000 10	30 / rag 10	02 000 10	0,0	0,0	Ü			+		
<u> </u>	Access for ABWF/MEP Installation		0	28-Jun-18		28-Jun-18		0%	0%	0				Access for ARWE/AA	EP Installation, 28-Jun-18
	General Builder's Works			28-Jun-18	13-Jul-18	28-Jun-18	13-Jul-18	0%	0%	0	1			ACCESS FOI ADVVF/IVI	
	0 ABWF - Ceiling / Wall / floor - 1st Coat			14-Jul-18	28-Jul-18	14-Jul-18	28-Jul-18	0%	0%	0	1				
	MEP Installation H/L 1st & 2nd Fix			21-Jul-18	13-Aug-18	21-Jul-18	26-Jul-16 13-Aug-18	0%	0%	0	1				
				11-Aug-18	20-Aug-18	11-Aug-18	20-Aug-18	0%	0%	0	 		+		
	MEP Cabling & Wiring O ABWF - Door frame & panels & ironmongeries insta	llation		20-Aug-18	20-Aug-18 28-Aug-18	20-Aug-18	20-Aug-18 28-Aug-18	0%	0%	0					
	p / Other Area	ination	,	20-Aug-18	Zo-Aug-10	20-Aug-18	28-Aug-18	078	076	U					
			0	20 Aug 10		30 Aug 18		0%	0%	0					Access f
	Access for ABWF / MEP / Fit-out Installation		-	20-Aug-18	20. 4 40	20-Aug-18	20.4 - 40	0%	0%	0					Access
	0 ABWF-Ceiling/Wall Sealer			20-Aug-18	28-Aug-18	20-Aug-18	28-Aug-18								<u> </u>
	PISA-Glass Wall/Ceramic Mullion	****		28-Aug-18	24-Sep-18	28-Aug-18	24-Sep-18	0%	0%	0	-				
	MEP 1st/2nd Fix -Containment/A/C/duct/FS Pipe/ R Pavement Works (Around M+ Podium)	iser	25	28-Aug-18	27-Sep-18	28-Aug-18	27-Sep-18	U%	0%	U					
				20 1 40		20 1 40	1	00/	00/	0				•	
	Access for ABWF / MEP Installation (GL A, 1-7)	C. A. 4. 73		28-Jun-18	20 1 1 40	28-Jun-18	20 1 1 40	0%	0%					Access for ABWF / I	MEP Installation (GL A, 1-7), 28-Jun-18
	Waterproofing / test / insulation layer / screeding (C	JL A,1-7)		28-Jun-18	20-Jul-18	28-Jun-18	20-Jul-18	0%	0%	0					<u> </u>
	MEP P/D & ELE / ELV 1st & 2nd fix (GL A,1-7)	-1		21-Jul-18	04-Aug-18	21-Jul-18	04-Aug-18	0%	0%					· · · ·	
	Concrete bedding & precast concrete bench (GL A, 1		-	06-Aug-18	27-Aug-18	06-Aug-18	27-Aug-18	0%	0%	0	-				
6. EVA	Pavement Work (GL A-E, 1-3)- (Detail Sequence refe	er to Act PW-GF10100 to 10130)	32	28-Aug-18	05-Oct-18	28-Aug-18	05-Oct-18	0%	0%	0					
	A3 & M (GL 7'-7/A)														
													. -		ļ
	Access for ABWF / MEP Installation (GL 7'-7/A)			20-Aug-18		20-Aug-18*		0%	0%	0					Access f
EVA-M-1002	Waterproofing / Test / Insulation layer / screeding (Part 1)	16	20-Aug-18	06-Sep-18	20-Aug-18	06-Sep-18	0%	0%	0					
1/F															
Zone G															
Countryard															<u> </u>
	ABWF - Erection of scafflding / working platform			06-Aug-18	14-Aug-18	06-Aug-18	14-Aug-18	0%	0%	0					
	RC defects rectifications			14-Aug-18	29-Aug-18	14-Aug-18	29-Aug-18	0%	0%	0					
	ABWF - Ceiling sealer application		7	29-Aug-18	06-Sep-18	29-Aug-18	06-Sep-18	0%	0%	0					
	Roof Terrence														
	Access date for Escalator MEP installation (Link from	n activity A17300 - escalator structure complete)		06-Aug-18		06-Aug-18		0%	0%	0	ļļ.				Access date for Escala
	MEP - Escalator truss installation		-	06-Aug-18	21-Aug-18	06-Aug-18	21-Aug-18	0%	0%	0					
	C MEP - FS sprinkler pipe / head installation in the esc	calator structures		21-Aug-18	29-Aug-18	21-Aug-18	29-Aug-18	0%	0%	0					
	Construction of RC canopy cover		25	29-Aug-18	28-Sep-18	29-Aug-18	28-Sep-18	0%	0%	0					<u> </u>
Learning Ce															
	0 ABWF / MEP - Competed for FS inspection (refer ro	G/F learning centre)	90	23-Jul-18	08-Nov-18	23-Jul-18	08-Nov-18	0%	0%	0			<u> </u>		
<u> </u>	hop / office / Lobby)														
	ABWF / MEP - Competed for FS inspection (refer ro	G/F Museum shop / other areas)	121	20-Aug-18	15-Jan-19	20-Aug-18	15-Jan-19	0%	0%	0					
1M/F															
1. Zone A,C,E														_	
AW-1M-1001	BW-MEP Plinths/Ceiling Paint (Sealer)		27	09-Feb-18	15-Mar-18	05-Feb-18 A	29-Jun-18	100%	13%	-83				-	

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)						. •					
ctivity ID Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	M: 3	ay 2	June July August 33 34 35
		, ,	1					` '	30 07	14 21 :	28 04 11 18 25 02 09 16 23 30 06 13 20
BS-1M-10000 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment-AHU/Fan/LMCP/Cabling/Wiring/Connection	n 54	29-Jun-18	01-Sep-18	29-Jun-18	01-Sep-18	0%	0%	0			
ELV Room/ICT Riser Room @ GL B,4					1						
BS-1M-10060 MEP- 1st/2nd Fix		12-Jun-18	05-Jul-18	18-May-18 A	23-Jun-18	0%	1%	9			
AW-1M-100: ABWF-Erect Block WallI, Wall/Ceiling/Floor Finish/Door Frame/Door		17-Jul-18	15-Aug-18	19-Jan-18 A	25-Jun-18	0%	20%	42			
BS-1M-10070 ELV-Equipment Rack	7	23-Jun-18	03-Jul-18	23-Jun-18	03-Jul-18	0%	0%	0			
2. Zone D1, D2	<u> </u>					,					
AS-1M-10440 Access for ABWF/MEP Installation (Linked from L3 Slab Cast/deprop date)		08-Jun-18		08-Jun-18		0%	0%	0			Access for ABWF/MEP Installation (Linked from L3 Slab Cast/deprop da
AW-1M-10030 BW-MEP Plinths/Ceiling Paint (Sealer)		08-Jun-18	23-Jun-18	08-Jun-18	23-Jun-18	0%	0%	0			
BS-1M-10090 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment position	80	25-Jun-18	27-Sep-18	25-Jun-18	27-Sep-18	0%	0%	0			
ELV Room/ICT Riser Room @ GL K,4											
AW-1M-1004 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Frame/Door	25	08-Jun-18	09-Jul-18	08-Jun-18	09-Jul-18	0%	0%	0			
BS-1M-10150 MEP- 1st/2nd Fix	19	10-Jul-18	31-Jul-18	10-Jul-18	31-Jul-18	0%	0%	0			
BS-1M-10160 ELV-Equipment Rack	5	01-Aug-18	06-Aug-18	01-Aug-18	06-Aug-18	0%	0%	0			
BS-1M-10170 ELV-Cabling/Wiring	72	07-Aug-18	01-Nov-18	07-Aug-18*	01-Nov-18	0%	0%	0			
3. Zone G											
AS-1M-10450 Access for ABWF/MEP Installation (Linked from L3 Slab Cast/deprop date)	0	06-Jun-18		06-Jun-18		0%	0%	0			Adcess for ABWF/MEP Installation (Linked from 13 Slab Cast/deprop date
AW-1M-10050 BW-MEP Plinths/Ceiling Paint (Sealer)	13	19-Jun-18	04-Jul-18	19-Jun-18	04-Jul-18	0%	0%	0			
BS-1M-10480 MEP SEF equipment on site	0	05-Jul-18		05-Jul-18*		0%	0%	0			MEP SEF equipment on site, 05-Jul-18*
BS-1M-10490 MEP - Equipment Installation	54	05-Jul-18	05-Sep-18	05-Jul-18	05-Sep-18	0%	0%	0			
BS-1M-10180 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment-AHU/Fan/LMCP/Connection	80	28-Jul-18	01-Nov-18	28-Jul-18	01-Nov-18	0%	0%	0	1		
4. Zone L, K, H,J											
AS-1M-10460 Access for ABWF/MEP Installation	0	09-Jun-18		09-Jun-18		0%	0%	0			Access for ABWF/MEP Installation, 09-Jun-18
AW-1M-10060 BW-MEP Plinths/Ceiling Paint (Sealer)	27	09-Jun-18	12-Jul-18	09-Jun-18	12-Jul-18	0%	0%	0			
BS-1M-10230 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment Position	80	09-Jun-18	12-Sep-18	09-Jun-18	12-Sep-18	0%	0%	0	1		
ELV Room/ICT Riser Room @ GL J,14											
AW-1M-1007 ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Frame/Door	25	09-Jun-18	10-Jul-18	09-Jun-18	10-Jul-18	0%	0%	0		AW-1M	-10070
BS-1M-10290 MEP- 1st/2nd Fix	19	11-Jul-18	01-Aug-18	11-Jul-18	01-Aug-18	0%	0%	0			BS-1M-10290
BS-1M-10470 ELV-Equipment Rack	5	02-Aug-18	07-Aug-18	02-Aug-18	07-Aug-18	0%	0%	0			BS-1M-10470
BS-1M-10310 ELV-Cabling/Wiring	72	08-Aug-18	02-Nov-18	08-Aug-18*	02-Nov-18	0%	0%	0	1		BS-1M-10310
5. Zone B,Q,F,N		ı									
AS-1M-10470 Access for ABWF/MEP Installation (Linked from L3 Slab Cast/deprop date)	0	26-Aug-18		26-Aug-18		0%	0%	0			
AW-1M-10080 BW-MEP Plinths/Ceiling Paint (Sealer)	27	27-Aug-18	27-Sep-18	27-Aug-18	27-Sep-18	0%	0%	0	1		
BS-1M-10320 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment Position	80	27-Aug-18	30-Nov-18	27-Aug-18	30-Nov-18	0%	0%	0			
6. Zone P, E1											
AS-1M-10480 Access for ABWF/MEP Installation (Linked from L3 Slab Cast/deprop date)	0	23-Jun-18		23-Jun-18		0%	0%	0			Access for ABWF/MEP Installation (Linked from L3 Slab C
AW-1M-10090 BW-MEP Plinths/Ceiling Paint (Sealer)	19	23-Jun-18	16-Jul-18	23-Jun-18	16-Jul-18	0%	0%	0	1		
BS-1M-10380 MEP 1st/2nd Fix Installation- Containiment/Pipe/Duct/MEP Equipment Position	80	23-Jun-18	26-Sep-18	23-Jun-18	26-Sep-18	0%	0%	0	1		
ELV Room			<u> </u>		· ·						
AW-1M-101(ABWF-Erect Block Walll, Wall/Ceiling/Floor Finish/Door Frame/Door	25	23-Jun-18	23-Jul-18	23-Jun-18	23-Jul-18	0%	0%	0			
BS-1M-10440 MEP- 1st/2nd Fix	19	24-Jul-18	14-Aug-18	24-Jul-18	14-Aug-18	0%	0%	0	1		
BS-1M-10450 ELV-Equipment Rack		15-Aug-18	20-Aug-18	15-Aug-18	20-Aug-18	0%	0%	0	1		
BS-1M-10460 ELV-Cabling/Wiring		21-Aug-18	15-Nov-18	21-Aug-18*	15-Nov-18	0%	0%	0	1]
2/F				-0							1:::::::
1. Zone A, E, M											
Zone A- Temporary Exhibation, Gallary 5 & 6 and Tall Gallary 1 & 2/BOH Area											
AW-2F-10730 ABWF/MEP-Moblisation	7	01-Mar-18	09-Mar-18	15-Jan-18 A	07-Jun-18	100%	26.01%	-70			▋
AW-2F-10710 BW-Floor screeding		07-Jun-18	30-Jun-18	07-Jun-18	30-Jun-18	0%	0%	0			<u></u> ▋░ ▗┷╍┷╍ ╬╴░╶┊┈┆┈┆
BS-2F-10460 MEP 1st/2nd Fix -Containment/A/C duct/FS Pipe/ Riser in lift cores(BOH and Riser in Cores)	25	16-Jun-18	18-Jul-18	18-May-18 A	30-Jun-18	0%	1%	14			
BS-2F-10400 MEP H/L 1st/2nd Fix -Containment/A/C duct/FS Pipe (FOH Area)	38	09-Mar-18	27-Apr-18	15-Jan-18 A	10-Jul-18	100%	16%	-59			
BS-2F-10420 MEP/ELV Cabling & Wiring	19	30-Jun-18	24-Jul-18	30-Jun-18	24-Jul-18	0%	0%	-59			
AW-2F-10020 ABWF-Drywall stud/1side broad/MEP conceal/Drywall close up	_		24-Jul-18 31-Jul-18	30-Jun-18 14-Jun-18	24-Jul-18 31-Jul-18	0%	0%	0			
	0	14-Jun-18		14-JUN-18			0%	0	1		
AS-2F-10470 Facade completed and Weathertight (Link from L2 Facade Installation)		24 1.4 40	31-Jul-18	24 / 1 40	31-Jul-18*	0%			1		8 Façade completed an
AW-2F-10040 ABWF Wall Plastering/Wall Under/1st Coat		31-Jul-18	15-Aug-18	31-Jul-18	15-Aug-18	0%	0%	0	1		
AW-2F-10030 ABWF-Ceiling Frame(FOH)/ Door Frame/Fire Shutter(BOH)	25	15-Aug-18	13-Sep-18	15-Aug-18	13-Sep-18	0%	0%	0			

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)					_													
Activity ID Activity Name	•	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32			June 33		July 34		August 35
		Dui.	(DO) SIZIT	(DO) FILISH	r orecast Staff	r ii liSii	76 Complete	Complete	(-//-u)	30 07	14	21 2	8 04	11 18	25 02	2 09 16	23 30	06 13 2
Zone E-Gallary 8 /BOH /Lift lobby and Gallary Study Are																		
AS-2F-10360 Access for ABWF/MEP Installation (Link from	m L3 slab/deprop date - zone E)	0	17-Aug-18		17-Aug-18		0%	0%	0									Acc
AW-2F-10220 ABWF Installation before A/C On- Typical Se	equence Please refer Temporary Exhibition Section	107	17-Aug-18	24-Dec-18	17-Aug-18	24-Dec-18	0%	0%	0									- -
BS-2F-10110 MEP Installation before A/C On - Typical Ser	quence Please refer Temporary Exhibition Section	107	17-Aug-18	24-Dec-18	17-Aug-18	24-Dec-18	0%	0%	0									
Zone M-Stair/Lift Lobbys/First Aid Room																		
AW-2F-10130 ABWF-Floor screeding/Door Frame, Ceiling.	/Wall/Floor Paint	54	13-Jun-18	17-Aug-18	13-Jun-18	17-Aug-18	0%	0%	0					\rightleftharpoons	<u> </u>			
BS-2F-10070 MEP H/L 1st/2nd Fix -Containment/A/C duc	t/FS Pipe/ Rainwater Pipe	80	21-Jun-18	24-Sep-18	21-Jun-18	24-Sep-18	0%	0%	0	1		T	1					
Zone E- Gallary Tolient					·				1									
AS-2F-10350 Access for ABWF/MEP Installation		0	17-Aug-18		17-Aug-18		0%	0%	0									Acc
AW-2F-10150 ABWF-Block Wall		7	17-Aug-18	25-Aug-18	17-Aug-18	25-Aug-18	0%	0%	0	1								i i
BS-2F-10080 MEP-Low Level P&D Pipework, H/L 1st/2nd	Fix	13	25-Aug-18	10-Sep-18	25-Aug-18	10-Sep-18	0%	0%	0	1								
3. Zone G GL 11-14/A-H			0									+	++		 			
Gallary 10 and Courtyard View Gallary																		
AS-2F-10370 Access for ABWF/MEP Installation (Liink fro	m 13 Slah cast/denmo date-zone GN	0	20-Jun-18		20-Jun-18		0%	0%	0					• •	coss for A	RW/F/MED Inct:	llation (Hijnk fr	rom L3 Slab cas
BS-2F-10140 MEP Installation before A/C On - Typical Ser		89	13-Jul-18	29-Oct-18	13-Jul-18	29-Oct-18	0%	0%	0	1				\	il access for A	B VVI / IVIEV III 3 C	ilation (tallik)i	OIII EB SIAD CAS
AW-2F-10260 ABWF Installation before A/C On- Typical Se		89		07-Nov-18		29-UCT-18 07-Nov-18		0%	0	1								
Park View Gallery, Galllary 9, Harbour Gallery 1 and Gan		89	23-Jul-18	U/-INOV-18	23-Jul-18	U7-INOV-18	0%	U%	U	ļļ		 -	<u>-</u>		ļļ			
III			20 Jun 40		20.1 40		00/	00/	2							DIWE/NASD :-	lasian (1994)	
AS-2F-10380 Access for ABWF/MEP Installation (Liink fro		0	20-Jun-18	27.0 : : :	20-Jun-18	27.0	0%	0%	0	1				ŏ ^	ccess for A	b vy F/IVIEP Insta	ıιαποπ;(Liink tr	rom L3 Slab cas
AW-2F-10300 ABWF Installation before A/C On- Typical Se		107	20-Jun-18	27-Oct-18	20-Jun-18	27-Oct-18	0%	0%	0						: :	1 1		- : :
BS-2F-10170 MEP Installation before A/C On - Typical Se	quence Please refer Temporary Exhibition Section	107	20-Jun-18	27-Oct-18	20-Jun-18	27-Oct-18	0%	0%	0					- -	1 1	1 1		
2. Zone C, D1 and D2															1			
Zone C- Skylight Gallery and BOH along GL 1 and GL F			_				,											
AS-2F-10400 Access for ABWF/MEP Installation (Liink fro		0	22-Jun-18		22-Jun-18		0%	0%	0					8	Access for	ABWF/MEP Ins	tallatidn (Liink	from L3 Precas
AW-2F-10400 Skylight Installation Completed (Link from A		0		27-Aug-18		27-Aug-18	0%	0%	0									
Zone D1- Plaza view Gallery, Gallery 1-4 and 14 &15 and	BOH along GL M & GL 5-6																	
AS-2F-10390 Access for ABWF/MEP Installation (Liink fro	m L3 Slab cast/deprop date-zone D2)	0	22-Jun-18		22-Jun-18		0%	0%	0					8	Access for	ABWF/MEP Ins	allatidn (Liink	from L3 Slab c
AW-2F-10340 ABWF Installation before A/C On- Typical Se	equence Please refer Temporary Exhibition Section	94	22-Jun-18	13-Oct-18	22-Jun-18	13-Oct-18	0%	0%	0									
BS-2F-10200 MEP Installation before A/C On - Typical Ser	quence Please refer Temporary Exhibition Section	94	22-Jun-18	13-Oct-18	22-Jun-18	13-Oct-18	0%	0%	0							-		=
5. Zone B, Q, F, P, E1																		
Zone P- Jukebox Gallary and Gallary 11																		
AS-2F-10430 Access for ABWF/MEP Installation (Liink fro	m L3 Slab cast/deprop date-zone P)	0	27-Aug-18		27-Aug-18		0%	0%	0									
AS-2F-10580 Facade Completed and Weathertight		0		27-Aug-18		27-Aug-18	0%	0%	0	1		1			1			
Zone E1- Gallary 7 and Garden Gallary 1																		
AS-2F-10410 Access for ABWF/MEP Installation (Liink fro	m L3 Slab cast/deprop date-zone E1)	0	13-Jun-18		13-Jun-18		0%	0%	0					Access	for ABWF/N	: ИЕР Installation	(Liink from L3	Slab cast/depr
AS-2F-10600 Facade Completed and Weathertight		0		16-Jun-18		16-Jun-18*	0%	0%	0	1						ed and Weathe		
BS-2F-10250 MEP Installation before A/C On - Typical Ser	quence Please refer Temporary Exhibition Section	107	13-Jun-18	22-Oct-18	13-Jun-18	22-Oct-18	0%	0%	0					Ě	i li			
AW-2F-10440 ABWF Installation before A/C On- Typical Se		107	13-Jun-18	22-Oct-18	13-Jun-18	22-Oct-18	0%	0%	0	····		++	++	-	1			
4. Zone L, K, H, J								***										
Zone J Gallary 12																		
AS-2F-10440 Access for ABWF/MEP Installation (Liink fro	im 13 Slah cast/denmn date-zone LKI	0	13-Jun-18		13-Jun-18		0%	0%	0					♠ Arross	for ARWE/A	AFP Installation	(Liink from 15	Slab cast/depn
AW-2F-10570 ABWF Installation before A/C On- Typical Se		80	06-Aug-18	10-Nov-18	06-Aug-18	10-Nov-18	0%	0%	0	-				♦ Access	ABWE	rici ilistaliatioi	COUNTY OF THE LEG	Sias Fast/ debi
Zone L, K, H- Open Gallary, Harbour View Gallary, Corri		80	00-Aug-18	TO-INON-18	00-Aug-18	TO-INOV-18	U76	U76	U			 -			ļ 			
		_	00 101 10		06 1 1 40		00/	00/	2								14/5/14/5	
AS-2F-10450 Access for ABWF/MEP Installation (Link fro		0	06-Jul-18	40.0 : : :	06-Jul-18	40.0	0%	0%	0	1						Access for Al	vvr/ivitir Insta	allation (Liink fr
AW-2F-10610 ABWF Installation before A/C On- Typical Se	equence Please refer Temporary Exhibition Section	80	06-Jul-18	10-Oct-18	06-Jul-18	10-Oct-18	0%	υ%	0									$\overline{}$
Roof Terrace												1	<u> </u>					
Zone A (G.L. A-H/1-6)																		
AS-3F-11000 ABWF/MEP Access Installation		0	03-Jul-18		03-Jul-18		0%	0%	0						8	ABWF/MEP Ac	ess Installation	ı, 03-Jul-18
AW-3F-10010 ABWF-Wet Trade / Screeding / Water Proof	ring / Test / Insulation / Screeding	38	03-Jul-18	16-Aug-18	03-Jul-18	16-Aug-18	0%	0%	0					AW-3F-	10010	1 1	11 1	
BS-3F-10000 MEP-1st & 2nd Fix		54	16-Aug-18	22-Oct-18	16-Aug-18	22-Oct-18	0%	0%	0	1							BS-3F	-10000
Zone E & P & G (G.L. A-G/8-14)																		
Zone P												T			1 1	T :::		
AW-3F-106l Zone P Remaining Structure for Skylight (Lin	k from Zone P 3/F slab cast)	27	28-Jun-18	31-Jul-18	28-Jun-18	31-Jul-18	0%	0%	0						: 📥			
AW-3F-106: PISA-Skylight Installation	<u> </u>	23	31-Jul-18	27-Aug-18	31-Jul-18	27-Aug-18	0%	0%	0	1								
, , ,				-0						ш.	-	: :			: 1:			

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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ID Activity Name	CMWP CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance		May			June		July			Augus
	Dur. (D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	30 0	32 7 14	21 2	3 04	33 11 18	1 25 1 03	34	6 23	1 30 1 06	35
Zone B & C & D (G.L. A-E/8-11)																	1
Zone B & D																	
AS-3F-11020 ABWF/MEP Access Installation	0 03-Jul-18		03-Jul-18		0%	0%	0						8	ABWF/MEP	Access Ins	tallation, 0	3-Jul-1
Zone C																	
AW-3F-104! Zone C Remaining Structure for Skylight (Link from Zone C 3/F slab cast)	27 06-Jun-18	09-Jul-18	06-Jun-18	09-Jul-18	0%	0%	0					_					
AW-3F-104 REL-Precast Wall / Roof Ready	27 10-Jul-18	09-Aug-18	10-Jul-18	09-Aug-18	0%	0%	0										
AW-3F-104: PISA-Skylight Installation	23 10-Aug-18	05-Sep-18	10-Aug-18	05-Sep-18	0%	0%	0									1	_
Zone F								ļ									
Staircase & Staircase Lobby																	
ST-B2-10220 Staircase ST-76 (Similiar working procedures as ST-04B)	75 15-Jun-18	13-Sep-18	15-Jun-18	13-Sep-18	0%	0%	0						1 1		نصف		_
Moving Image Centre Working Programme	10 10 10 10		20 10 20		***												T
B1/F																	
Cooridor along G.L. 10-14/K																	
	0 29-Jun-18		20.1		0%	0%	0								(2.00		
AS-MC-10090 Access for ABWF/MEP Installation			29-Jun-18					-	- 1				Acce	ss for ABWF	IVIEP Inst	allation, 29	-Jun-18
AW-MC-1007 ABWF-Wet Trade-Block Wall/Rendering/1st Coat	27 29-Jun-18	31-Jul-18	29-Jun-18	31-Jul-18	0%	0%	0								_	7	
Main Auditorium / Open Cinema (G/F - 2/F) (2-1-053)											 -		4				<u>_</u>
AS-Aud-1000C Access for ABWF / MEP installation (Link from A60290 Auditorium clab curing)	0 12-Aug-18		12-Aug-18		0%	0%	0										Acc
RC-Aud-1000 Steel truss construction	27 13-Aug-18	12-Sep-18	13-Aug-18	12-Sep-18	0%	0%	0										
NI Levels Works																	
Risers																	
1. Zone A & M								I									
BS-ALL-10020 Zone M- MEP Riser Installation-1st/2nd Fix Installation	41 06-Apr-18	26-May-18	19-Feb-18 A	20-Jul-18	100%	2%	-44		, ,		1 1		: :	: :	1		
BS-ALL-10000 Zone A(GL B & E)- MEP Riser Installation-1st/2nd Fix Installation	54 09-Apr-18	13-Jun-18	19-Feb-18 A	03-Aug-18	80.45%	2%	-42				•	•	1	+ +	$\overline{}$		
BS-ALL-10010 Zone A(GL H)- MEP Riser Installation-1st/2nd Fix Installation	54 28-Jun-18	31-Aug-18	28-Jun-18	31-Aug-18	0%	0%	0						-		_	_	_
BS-ALL-10050 Zone M-MEP Riser Installation-Cabling	54 20-Jul-18	21-Sep-18	20-Jul-18	21-Sep-18	0%	0%	0	1									÷
BS-ALL-10030 Zone A(GL B & E)-MEP Riser Installation-Cabling	54 03-Aug-18	08-Oct-18	03-Aug-18	08-Oct-18	0%	0%	0								- -		-
BS-ALL-10040 Zone A(GL H)-MEP Riser Installation-Cabling	54 31-Aug-18	06-Nov-18	31-Aug-18	06-Nov-18	0%	0%	0	1									
2. Zone N			<u>'</u>														
BS-ALL-10060 Zone N- MEP Riser Installation-1st/2nd Fix Installation	41 20-Aug-18	09-Oct-18	20-Aug-18	09-Oct-18	0%	0%	0								- 1		
3. Zone G																	
BS-ALL-10080 Zone G- MEP Riser Installation-1st/2nd Fix Installation	41 20-Jun-18	08-Aug-18	20-Jun-18	08-Aug-18	0%	0%	0										
BS-ALL-10090 Zone G-MEP Riser Installation-Cabling	54 08-Aug-18	12-Oct-18	08-Aug-18	12-Oct-18	0%	0%	0	1					1			-	
4. Zone D1	j																
BS-ALL-10100 Zone D1- MEP Riser Installation-1st/2nd Fix Installation	41 03-Jul-18	20-Aug-18	03-Jul-18	20-Aug-18	0%	0%	0							: :	تسند	-	
BS-ALL-10110 Zone D1-MEP Riser Installation-Cabling	54 20-Aug-18	25-Oct-18	20-Aug-18	25-Oct-18	0%	0%	0	1					-				T
5. Zone H	34 20-Aug*10	15 500-10	20 7105-10	25 500-10	570	570											
BS-ALL-10120 Zone H- MEP Riser Installation-1st/2nd Fix Installation	27 14-Jul-18	15-Aug-18	14-Jul-18	15-Aug-18	0%	0%	0					 	- 		أسسف	<u> </u>	<u></u>
		-			47.			-						1 1		: :	Τ_
BS-ALL-10130 Zone H-MEP Riser Installation-Cabling 6. Zone E	27 15-Aug-18	15-Sep-18	15-Aug-18	15-Sep-18	0%	0%	0										
		00.4	24.1	00.4	os:	071						_					
BS-ALL-10140 Zone E- MEP Riser Installation-1st/2nd Fix Installation	41 21-Jun-18	09-Aug-18	21-Jun-18	09-Aug-18	0%	0%	0					-		1 1	$\overline{}$		
BS-ALL-10150 Zone E-MEP Riser Installation-Cabling	54 09-Aug-18	13-Oct-18	09-Aug-18	13-Oct-18	0%	0%	0	.			 -		44			ļ.ļļ <mark>.</mark>	
Staircases																	
M+																	
Stair cores @ GL B-C/3 (Zone A)																	
Staircase B2/F - G/F Staircase ST-04B																	
AS-ALL-10I Access Date for ST-04B	0 17-Jun-18		17-Jun-18		0%	0%	0					8 Acce	ess Date for	ST-04B, 17-J	un-18		
BS-ALL-10: MEP 1st /2nd Fix, FS Riser / Containment	7 19-Jun-18	26-Jun-18	19-Jun-18	26-Jun-18	0%	0%	0						-				-
AW-ALL-10 ABWF-Metal Work- Hand rail, balustrade (7 days)	7 27-Jun-18	05-Jul-18	27-Jun-18	05-Jul-18	0%	0%	0						-				
AW-ALL-10 ABWF-Wet Trade, Floor/Wall/Ceiling	19 06-Jul-18	27-Jul-18	06-Jul-18	27-Jul-18	0%	0%	0	1							_		
BS-ALL-10: MEP Final Fix (7days)	7 28-Jul-18	04-Aug-18	28-Jul-18	04-Aug-18	0%	0%	0	1							, i		
AW-ALL-1(ABWF-Door/Ironmongeries	7 06-Aug-18	13-Aug-18	06-Aug-18	13-Aug-18	0%	0%	0	1									<u> </u>
Staircase G/F/ - 3/F Staircase ST-04			-	-									1			11-1-	
AS-ALL-10I Access Date for ST-04	0 14-Aug-18					0%		1 1			1 1		3 B	1 1	1 1	11 1	Aci

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)			_	_		-							-			
Activity ID Activity Name			CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32		June 33		July 34	Augus	št.
								` '	30 07	14 21	28 0	11 1	8 25 02	09 16 2	23 30 06 13	20 2
BS-ALL-10: MEP 1st /2nd Fix, FS Riser / Containment			28-Aug-18	14-Aug-18	28-Aug-18	0%	0%	0	1							
AW-ALL-10 ABWF-Metal Work- Hand rail, balustrade (7 days)	13	29-Aug-18	12-Sep-18	29-Aug-18	12-Sep-18	0%	0%	0								
Stair cores @ A-B/7-8 (Zone M)																44.
Staircase B1/F - G/F Staircase ST-01B																
AS-ALL-10/ Access Date for ST-01B		17-Jun-18		17-Jun-18		0%	0%	0				8 Ad	ccess Date for ST-0	01B, 17-Jun-18		
BS-ALL-10: MEP 1st /2nd Fix, FS Riser / Containment			26-Jun-18	19-Jun-18	26-Jun-18	0%	0%	0				-	7			
AW-ALL-10 ABWF-Metal Work- Hand rail, balustrade			05-Jul-18	27-Jun-18	05-Jul-18	0%	0%	0							_	
AW-ALL-1(ABWF-Wet Trade, Floor/Wall/Ceiling			27-Jul-18	06-Jul-18	27-Jul-18	0%	0%	0	ļi						<u>- il</u> ii	44.
BS-ALL-10: MEP Final Fix			04-Aug-18	28-Jul-18	04-Aug-18	0%	0%	0	1						TT	
AW-ALL-10 ABWF-Door/Ironmongeries	7	01-Aug-18	09-Aug-18	01-Aug-18	09-Aug-18	0%	0%	0								
Staircase G/F/ - 3/F Staircase ST-01																
AS-ALL-10/ Access Date for ST-03		09-Aug-18		09-Aug-18		0%	0%	0							Access	Date for
BS-ALL-10: MEP 1st /2nd Fix, FS Riser / Containment			24-Aug-18	09-Aug-18	24-Aug-18	0%	0%	0								
AW-ALL-1(ABWF-Metal Work- Hand rail, balustrade	13	24-Aug-18	08-Sep-18	24-Aug-18	08-Sep-18	0%	0%	0								=
M+ Basement & Podium Testing & Commissioning																1 1
MEP System T&C																
Electrical																
M+ Podium				,		,	1									44
EL-CLP-10000 TX Room A CLP power on (M+ & CSF)	0		20-Jun-18		20-Jun-18	0%	0%	0	1				TX Room A CLP p			
EL-CLP-10010 TX Room B CLP power on (M+ & CSF)	0		20-Jun-18		20-Jun-18	0%	0%	0				1 1 *	TX Room B CLP p	1 1	1 1 1 1	
EL-CLP-10020 TX Room C CLP power on (DCS)	0		20-Jun-18		20-Jun-18	0%	0%	0				8	TX Room C CLP p	ower on (DCS)	·	
HVAC				,							Ш.		_			
BS-BaP-TC300 T&C for Seawater Side			22-Jun-18	06-Jun-18	22-Jun-18	0%	0%	0								44
BS-BaP-TC180 CHW pumping system Inc MCC self test (DCS)	13	30-Aug-18	14-Sep-18	30-Aug-18	14-Sep-18	0%	0%	0	_							
M+ Tower																
Tower Crane Provision																
Provision of TC7 (Tower Facade Installation & Dismantle of TC2)																
TC7-2 Erection																
A59310 Commencement of TC7-2 erection @ M+Tower Roof Slab	0	16-Aug-18		16-Aug-18		0%	0%	0							\$	Commen
A59320 Erect TC7-2 @ M+ Tower Roof Slab (to 118.7mPD)	9	16-Aug-18	25-Aug-18	16-Aug-18	25-Aug-18	0%	0%	0								-
A59330 Inspection and ICE & RPE Certification	5	27-Aug-18	31-Aug-18	27-Aug-18	31-Aug-18	0%	0%	0								
Critical Key Dates																
Critical Key Dates - M+ Tower Structure RC Works																
Critical Key Dates - M+ Tower Structure Works - West Core																
A12900 Complete West Core Wall - R/F Slab, Wall & Column (GL 7-8/A-E)	0		03-Jul-18		03-Jul-18	0%	0%	0					S Com	plete West Cor	re Wall - R/F Slab, Wal	I & Colur
A12910 Complete West Core Wall - UR/F Slab, Wall & Column (GL 7-8/A-E)	0		24-Jul-18		24-Jul-18	0%	0%	0						8	Complete West Core \	Wall - UF
Critical Key Dates - M+ Tower Structure Works - Tower																
A13230 Complete Tower Structure - R/F Slab, Wall & Column (GL 7-8/E-L)	0		11-Aug-18		11-Aug-18	0%	0%	0							S Com	plete Taw
M+ Tower RC Structrue Construction (4/F - 16/F & R/F - UR/F)											\					
Tower Structure - West Core Wall (Non-deferred Zone M) @ GL 7-8/A-D (M1)											- 11					
Tower Structure - West Core Wall @GL7-8/A-D (TC2 TIE TO WCW)											- 1 1					
A37620 15F-16F Wall, Column & 16F slab (GL 7-8/A-D)	15	01-Jun-18	19-Jun-18	29-May-18 A	13-Jun-18	0%	30%	5				-				
A37630 16F-RF Wall, Column & RF slab (GL 7-8/A-D)	15	13-Jun-18	03-Jul-18	13-Jun-18	03-Jul-18	0%	0%	0								
A37650 Complete West Core Wall Structure to RF slab	0		24-Jul-18		24-Jul-18	0%	0%	0						\$	Complete West Core \	Wall Stru
A37640 RF-URF Wall, Column & URF (GL 7-8/A-D)	18	03-Jul-18	24-Jul-18	03-Jul-18	24-Jul-18	0%	0%	0						-		
Tower Structure - Deferred Zone F @ GL 7-8/D-H (M2)								_								
Tower Structure - Deferred Zone F @ GL 7-8/D-H																
A37850 13F-14F Wall, Column & 14F slab (GL 7-8/D-H)	15	01-Jun-18	19-Jun-18	01-Jun-18 A	19-Jun-18	0%	0%	0	7		—					
A37860 14F-15F Wall, Column & 15F slab (GL 7-8/D-H)	15	20-Jun-18	07-Jul-18	20-Jun-18	07-Jul-18	0%	0%	0	1					<u> </u>		T
A37870 15F-16F Wall, Column & 16F slab (GL 7-8/D-H)	15	09-Jul-18	25-Jul-18	09-Jul-18	25-Jul-18	0%	0%	0	1					\rightarrow	1	
A37900 16F-RF Wall, Column & RF slab (GL 7-8/D-H)	15	26-Jul-18	11-Aug-18	26-Jul-18	11-Aug-18	0%	0%	0	1							
A37910 RF-URF Wall, Column & URF (GL 7-8/D-H)			01-Sep-18	13-Aug-18	01-Sep-18	0%	0%	0	1							
Tower Structure - Deferred Zone F & East Core Wall Zone N @GL 7-8/H-M (M3)					· · ·						N					
Tower Structure - Deferred Zone F & East Core Wall Zone N @GL7-8/H-M												· · · · · · · · · · · · · · · · · · ·				-
										-:		<u> </u>		- : :	11 : 1	

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) (27 May to 02 Jun 2018) (CMWP 8D) ID Activity Name	I CMWP I	CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance	ı M	lav	I June		July		August
Postry Haire	Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	30 1 07 1	32	33	10 25	34	23 30	35
A37670 11F-12F Wall, Column & 12F slab (GL 7-8/H-M)	15	01-Jun-18	19-Jun-18	21-May-18 A	07-Jun-18	0%	60%	9	30 07	14 21 2	0 04 11	10 25	02 09 10	23 30	00 13 20
A37690 12F-13F Wall, Column & 13F slab (GL 7-8/H-M)	15	08-Jun-18	26-Jun-18	08-Jun-18	26-Jun-18	0%	0%	0	-						
A37700 13F-14F Wall, Column & 14F slab (GL 7-8/H-M)		27-Jun-18	14-Jul-18	27-Jun-18	14-Jul-18	0%	0%	0	-						
A37710 14F-15F Wall, Column & 15F slab (GL 7-8/H-M)		16-Jul-18	01-Aug-18	16-Jul-18	01-Aug-18	0%	0%	0	+						
A37720 15F-16F Wall, Column & 16F slab (GL 7-8/H-M)		02-Aug-18	18-Aug-18	02-Aug-18	18-Aug-18	0%	0%	0							
A37730 16F-RF Wall, Column & RF slab (GL 7-8/H-M)		20-Aug-18	05-Sep-18	20-Aug-18	05-Sep-18	0%	0%	0	-						
M+ Tower Temporary Works	13	20 7105 10	05 5cp 10	20 7105 10	05 5ср 10	0,0	0,0								
MTFF-10000 Fair Face Concrete Remedial Works - M+ Tower G/F	14	20-Jan-18	06-Feb-18	01-Mar-18 A	16-Jun-18	100%	0%	-103	1 1	- 1 1					
MTFF-10010 Fair Face Concrete Remedial Works - M+ Tower 1/F		19-Jun-18	05-Jul-18	19-Jun-18	05-Jul-18	0%	0%	0			MTFF-10010		_		
MTFF-10020 Fair Face Concrete Remedial Works - M+ Tower 2/F		06-Jul-18	21-Jul-18	06-Jul-18	21-Jul-18	0%	0%	0				MTFF-10020		•+	
MTFF-10030 Fair Face Concrete Remedial Works - M+ Tower 3/F		23-Jul-18	07-Aug-18	23-Jul-18	07-Aug-18	0%	0%	0	-			100	MTFF-10030		
MTFF-10040 Fair Face Concrete Remedial Works - M+ Tower 4/F		08-Aug-18	23-Aug-18	08-Aug-18	23-Aug-18	0%	0%	0	-				14111-10030	MTFF-10040	خنت
MTFF-10050 Fair Face Concrete Remedial Works - M+ Tower 5/F			08-Sep-18	24-Aug-18	08-Sep-18	0%	0%	0	-					1 1 1	MTFF-10050
+ Tower External Envelope (By Permasteelisa)	14	24-Aug-18	08-3eh-19	24-Aug-16	06-26b-19	U76	U76	U							MILL-10020
ower Facade Advance Works															
Provision of Catchfan															
Provision of Catch fan @ 9/F for Block A															
A47985 Dismantle Catchfan at 9th/F Block A	5	14-Aug-18	20-Aug-18	14-Aug-18	20-Aug-18	0%	0%	0							
Provision of Catch fan @ 13/F for Block A	5	14-Aug-18	20-Aug-16	14-Aug-16	20-Aug-18	U76	U76	U							
		04.140	05 1 40	04.140	05 1 10	00/	00/								
A38180 Remove Scaffolding @ 14/F Block A		04-Jun-18	05-Jun-18	04-Jun-18	05-Jun-18	0%	0%	0	-						
A38190 Install Catch fan @ 13/F South Elevation Block A		06-Jun-18	11-Jun-18	06-Jun-18	11-Jun-18	0%	0%	0	-						
A38200 Install Catch fan @ 13/F North Elevation Block A		06-Jun-18	11-Jun-18	06-Jun-18	11-Jun-18	0%	0%	0	-						
A38210 Inspection, ICE & RPE certification for Catchfan @15/F Block A		12-Jun-18	16-Jun-18	12-Jun-18	16-Jun-18	0%	0%	0	-						
A38220 Install Working Platform @ 12th/F & 14th/F for South North Elevation Block A		20-Jun-18	25-Jun-18	20-Jun-18	25-Jun-18	0%	0%	0	Jļ.						
A38230 Inspection, ICE & RPE certification for Working Platform @ Block A	5	26-Jun-18	30-Jun-18	26-Jun-18	30-Jun-18	0%	0%	0							
Provision of Catch fan @ 9/F for Block B															
A43550 Dismantle Catchfan at 11th/F Block B	5	05-Jul-18	11-Jul-18	05-Jul-18	11-Jul-18	0%	0%	0					7		
Provision of Catch fan @ 13/F for Block B															
A15270 14/F RC Structure Completed	-	20-Jun-18		20-Jun-18		0%	0%	0				3 14/F RC St	ructure Complet	ed, 20-Jun-18	
A15275 Install Catch fan @ 13/F South Elevation Block B		20-Jun-18	25-Jun-18	20-Jun-18	25-Jun-18	0%	0%	0							
A15280 Install Catch fan @ 13/F North Elevation Block B		20-Jun-18	25-Jun-18	20-Jun-18	25-Jun-18	0%	0%	0	-						
A15290 Inspection, ICE & RPE certification for Catchfan @13/F Block B	-	26-Jun-18	30-Jun-18	26-Jun-18	30-Jun-18	0%	0%	0	-						
A15295 Install Working Platform@10th & 12th for South/North Elevation Block B		16-Jul-18	20-Jul-18	16-Jul-18	20-Jul-18	0%	0%	0						<u>'</u>	
A15305 Inspection, ICE & RPE certification for Working Platform @ Block B	5	21-Jul-18	26-Jul-18	21-Jul-18	26-Jul-18	0%	0%	0						-	
Provision of Monorails, Catch fan & Working Platform															
Provision of Monorail @ 8/F															
Monorail-Block A (8/F)															
A14890 Monorail Operation Period@ 8F, Block A	7.	02-Mar-18	15-Jun-18	28-Feb-18 A	09-Jul-18	85.4%	63.06%	-19			: :	1 1			
A14900 Dismantle Monorails at 8/F @ Block A	5	10-Jul-18	14-Jul-18	10-Jul-18	14-Jul-18	0%	0%	0		i.					
Monorail-Block B (8/F)															_
A15000 Dismantle Monorails at 8F @ Block B	5	03-Aug-18	08-Aug-18	03-Aug-18	08-Aug-18	0%	0%	0							•
A14990 Monorail Operation Period @ 8/F, Block B	91	20-Apr-18	08-Aug-18	20-Apr-18 A	08-Aug-18	37.36%	37.36%	0	: :	: :	: : :	1 1	1 1	: ::::	•
Provision of Monorails @ 12/F															
Monorail-Block A (12/F)															
A14910 14/F Structure Complete	0	20-Jun-18		20-Jun-18		0%	0%	0				\$ 14/F Struc	ture Complete, :	20-Jun-18	
A14920 Install/ICE Inspect monorails at 12/F slab @ Block A	16	20-Jun-18	09-Jul-18	20-Jun-18	09-Jul-18	0%	0%	0				1:	-		
A14930 Monorail Operation Period@12/F Block A	59	10-Jul-18	17-Sep-18	10-Jul-18	17-Sep-18	0%	0%	0							
Monorail-Block B (12/F)															
A15010 14/F Structure Completed	0	15-Jul-18		15-Jul-18		0%	0%	0					\$ 14/	F Structure Comp	pleted, 15-Jul-1
A15020 Install/ICE Inspect monorails at 12/F slab @ Block B	16	16-Jul-18	02-Aug-18	16-Jul-18	02-Aug-18	0%	0%	0							
A15030 Monorail Operation Period	20	03-Aug-18	17-Sep-18	03-Aug-18	17-Sep-18	0%	0%	0	7						
The state of the s	38										 · · · · · · · 	, li			
·	38														
acade installation by TC6-2, TC2, TC7-2 & Monorail Preparartion Works	38														

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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Montain Mont	140) (27 May to	02 Jun 2018) (CMWP 8D)																		
March March Secure Schematic March Mar	ctivity ID	Activity Name		CMWF Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Varianc (+/-d)		May 32		June 33		July 34		August 35	
Company Comp					(, , , , , , ,	(, , ,					,	30 07	14 21	28 04	11 18	25 02 0	9 16	23 30	06 13 2	20 27
According 1	_	F - North & South Elevation 4/F to 6/F (Wea	athertight Zone)																	
Section Sect															_					
March	A59740	M+ Tower 5/F - External Facade 2nd Fix -Re	emaining	5	07-Jun-18	12-Jun-18	07-Jun-18	12-Jun-18							•					
	A60080	M+ Tower 6/F - External Facade 2nd Fix -Re	emaining	5	13-Jun-18	19-Jun-18	13-Jun-18	19-Jun-18	0%	0%	0			4	=					
March Marc	Block B]					
March Marc	A59700	M+ Tower (Block B) 4/F Lower - External Fa	acade 2nd Fix	8	30-Apr-18	09-May-18	20-Apr-18 A	01-Jun-18	100%	95%	-18									
Accordance March Channel Free Shall Profession Channel Shall March Channel Shall March Channel Shall March	A59710	M+ Tower (Block B) 4/F Upper - External Fa	acade 2nd Fix	8	09-May-18	18-May-18	03-May-18 A	02-Jun-18	100%	80%	-12			•						
Montpolicy March South	A59720	M+ Tower 5/F - External Facade 2nd Fix		10	09-Jun-18	22-Jun-18	09-Jun-18	22-Jun-18	0%	0%	0	1		.						
Part	A59730	M+ Tower 6/F - External Facade 2nd Fix		10	22-Jun-18	05-Jul-18	22-Jun-18	05-Jul-18	0%	0%	0	1								
Additional Content of Proceedings of Content of Conte	Monorail @12	t/F - North & South Elevation 7/F to 10/F (W	Weathertight Zone)																	
Add Monter of Process	Block A																			
Additional Content of the Property of the Pr	A64890	M+ Tower - Monorail Installed and Operate	ed @ 12/F	0	15-Jul-18		15-Jul-18		0%	0%	0						M+ Tov	wer - Monora	il Installed and	d Opera
Section Section Process Proc	A64840					20-Jul-18		20-Jul-18	094			- :								
Add M. Trace of Financian Control Enter 5 27 a just 0.0 mg 0.0												-						_		
				-								+					T			
Section				-						47.1	-					} 			·	
Market M		M+ Tower 10/F - External Facade 2nd Fix		5	02-Aug-18	07-Aug-18	02-Aug-18	07-Aug-18	0%	0%	0									
A Part The Part The Extension Stands 200 File 1.0 Aug 1.		Advanced to the second	10.42/5		00.4		00.4		071	051										
Addition M. Tower Set Feature Incent and Form 12 20 Aug 18 20 Aug 18 20 Aug 18 00		· · · · · · · · · · · · · · · · · · ·	ea @ 12/r	-	-							-							MI+ Tower	- Mono
Annual Process Conference												1								
Part	1.00000			-	-					***						ļļ				
				8	29-Aug-18	07-Sep-18	29-Aug-18	07-Sep-18	0%	0%	0	_								
Additional of the Tower of Finance Incode Front Fix Additional Control of the Tower of Finance Incode Front Fix Additional Control of Tower of Finance Incode Front Fix Additional Control of Tower of Finance Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Additional Control of Tower of Fix Extension Incode Front Fix Extension Incode Front Fix Extension Incode Fix Extension	I																			
A Solid No Topic of February Recode Froat February Recoders February R	A59340	M+ Tower 4/F - External Facade Final Fix		6	09-Jun-18	16-Jun-18	09-Jun-18	16-Jun-18	0%	0%	0				_					
A59370 Mr Tower 7/F - External Facade Froal Fix	A59350	M+ Tower 5/F - External Facade Final Fix		6	22-Jun-18	29-Jun-18	22-Jun-18	29-Jun-18	0%	0%	0					=				
Assistable Mark Town Fundament F	A59360	M+ Tower 6/F - External Facade Final Fix		6	05-Jul-18	12-Jul-18	05-Jul-18	12-Jul-18	0%	0%	0						1			
Section Lift (151 & 152) Commerce Lift (151 & 152) C	A59370	M+ Tower 7/F - External Facade Final Fix		6	18-Aug-18	24-Aug-18	18-Aug-18	24-Aug-18	0%	0%	0									
Commence Lifts (LTG) Commence Lift (LTG)	A59380	M+ Tower 8/F - External Facade Final Fix		6	29-Aug-18	05-Sep-18	29-Aug-18	05-Sep-18	0%	0%	0									
Commence Lift 1013 & 11723 M/C Room installation @ Roof 0 24 Jul 18 24 Jul 18 0 0 0 0 0 0 0 0 0	M+ Tower Lift I	nstallation																		
CT100000 Available of lift pit at 82 EL LTD2	Service Lifts (L	_T01 & 02)																		
1710020 Bulder' Work & Uft M/C Room Installation @ R/F (1701 & O2) 54 13-Aug : 18 15-Aug : 18 15-Aug : 18 0% 0% 0% 0	LT10010	Commence Lift LT01 & LT02 M/C Room Inst	tallation @ Roof	0	24-Jul-18		24-Jul-18		0%	0%	0						8	Commençe	Lift LT01 & LT	02 1/1/0
1110039 Urit Car Installation (1101 & Q2) 5-4 15-Aug-18 32-Qct-18 15-Aug-18 20-Qct-18 0% 0% 0	LT10000	Available of lift pit at B2F, LT01 & LT02		0	24-Jul-18		24-Jul-18		0%	0%	0	1					2	Available of	f lift pit at B2F	, LT01
UT10030 Uft Car Installation (IT01 & 02) Politic Liffs (LT06, LT06, LT07 & LT06, Ans. p. nit B2F) LT10250 Available of lift Staff LT05, LT06, UT07 & LT06, Ans. p. nit B2F) LT10250 Commerce LT05, LT06, LT07 LM M/C Room Installation O 24 Jul-18 14-Nig-18 0/6 0/6 0/6 0/6 0/6 0/6 0/6 0/6 0/6 0/6	LT10020	Builders' Work & Lift M/C Room Installation	n @ R/F (LT01 & 02)	19	24-Jul-18	15-Aug-18	24-Jul-18	15-Aug-18	0%	0%	0	1					Ĭ			
Public Lifes (LTOS, LTOS, LTOS, A LTOS, 40 nos, pit in B2F) 17/2020 Available of lift Shaft LTOS, LTOS a LTOS (w/ Tower A weathertight) 0 24 Jul-18 11-Aug-18 24 Jul-18 11-Aug-18 0% 0% 0% 0 17/2020 Uff M/C Room Installation 0 20 Jul-18 11-Aug-18 24 Jul-18 11-Aug-18 0% 0% 0% 0 17/2020 Uff M/C Room Installation 0 20 Jul-18 18 Jul-18 24 Jul-18 18 Jul-18 24 Jul-18 18 Jul-18 24 Jul-18 0% 0% 0% 0 17/2025 Builders' Work for Lift Shaft & M/C Room 23 Jul-18 18 Jul-18 24 Jul-18	LT10030			54	15-Aug-18	20-Oct-18	15-Aug-18		0%	0%	0	1								
U10250 Available of lift Shaft LTOS, LTOS, LTOS & LTOS (W/ Tower A weathertight) 0 24-Jul-18 11-Aug-18 24-Jul-18 11-Aug-18 0% 0% 0% 0 11-Aug-18 0% 0% 0% 0% 0 11-Aug-18 0% 0% 0% 0% 0% 0% 0% 0	Public Lifts (Li	T05, LT06, LT07 & LT08, 4nos, pit in B2F)																		
Ulf Shaft Builder's Work (US) Ulf Shaft Builder's Work (DUS) Ulf Duff M/C Room Installation 0 20-Aug-18 20-Aug-18 0% 0% 0% 0 0 UT0255 Builder's Work for Unf Shaft 8 M/C Room 23 24-Jul-18 20-Aug-18 0% 0% 0% 0 0 UT10225 Ulf M/C Room Installation € M/F (UT05 & UT06) 23 24-Jul-18 20-Aug-18 15-Sep-18 0% 0% 0 0 UT10230 Ulf M/C Room Installation € M/F (UT05 & UT06) 23 20-Aug-18 15-Sep-18 20-Aug-18 15-Sep-18 0% 0% 0 0 UT102370 Ulf Accommental Installation € M/F (UT07) 23 20-Aug-18 15-Sep-18 20-Aug-18 15-Sep-18 0% 0% 0 0 UT10370 Ulf Accommental Installation (UT08) 34 1-Aug-18 16-Oct-18 11-Aug-18 16-Oct-18 0% 0% 0 0 UT10370 Ulf Accommental Installation (UT08) 35 1-Aug-18 16-Oct-18 11-Aug-18 16-Oct-18 0% 0% 0 0 UT10370 Ulf Accommental Installation (UT08) 36 1-Aug-18 15-Sep-18 00% 0% 0 0 UT10370 Ulf Accommental Installation (UT08) 37 1-Aug-18 10-Oct-18 00-Nov-18 00-	_		08 (w / Tower A weathertight)	0	24-Jul-18	1	24-Jul-18		0%	0%	0	-						Available of	f lift Shaft LTO	5. IT06
UT10256 Commence LTOS, LTOS & LTOT Lift M/C Room Installation 0 0 20 Aug. 18 20 Aug. 18 0% 0% 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1						11-Διισ-18		11-Διισ-18								 				
CT10255 Builders' Work for Lift Shaft & M/C Room Installation @ NF (LT05 & LT06) 23 24-Jul-18 20-Aug-18 24-Jul-18 20-Aug-18 15-Sep-18 0% 0% 0% 0 0 0 0 0 0			m Installation		24 301 20	-	24 301 20			***		+							_	Comm
LT10280 Uift M/C Room Installation @ RF (LT05 & LT06) 23 20-Aug-18 15-Sep-18 20-Aug-18 15-Sep-18 0% 0% 0% 0 0 UiT 10320 Uift acr installation @ 4F/5F/6F (LT07) 23 20-Aug-18 15-Sep-18 20-Aug-18 15-Sep-18 0% 0% 0% 0 0 UIT 10370 Uift acr installation (LT08) 54 11-Aug-18 16-Oct-18 11-Aug-18 16-Oct-18 0% 0% 0% 0 0 MM-TOWARD & Building Services (4F-16F & R/F-UR/F) 4/F-101F MP-10000 A/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 05-Jun-18 02-Nov-18 05-Jun-18 02-Nov-18 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 06-Jun-18 02-Nov-18 05-Jun-18 03-Nov-18 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 06-Jun-18 03-Nov-18 06-Jun-18 03-Nov-18 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 0 MM-TOWARD N/F-ABWF / MEP / M			in installation		24 Jul 10		24 Jul 19		4,1	4,1		-							•	Contin
LIT10320 Lift M/C Room Installation @ 4F/5F/6F (LTO7) 23 20-Aug-18 15-Sep-18 20-Aug-18 15-Sep-18 0% 0% 0 LIT10370 Lift car installation (LTO8) M+ Tower ABWF & Building Services (4F - 16F & R/F - URF) MP-10000 4/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 05-Jun-18 02-Nov-18 05-Jun-18 02-Nov-18 0% 0% 0 MP-10010 6/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 05-Jun-18 02-Nov-18 05-Jun-18 02-Nov-18 0% 0% 0 MP-10020 7/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 06-Jun-18 03-Nov-18 0% 0% 0 MP-10030 8/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 19-Nov-18 06-Jun-18 06-Dec-18 0% 0% 0 MP-10040 9/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 10-Jul-18 06-Dec-18 0% 0% 0 MP-10050 10/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 0% 0% 0% 0 MP-10050 10/F - ABWF / MEP Installation (Similar working procedures as 5/F) 125 27-Jul-18 24-Dec-18 0% 0% 0% 0 SF- GL BLK (FOH Aroas includ lift tobby) @ GL B & L) AV-MP-10250 ABWF - Ony Wall stud 7 09-Jun-18 16-Jun-18 09-Jun-18 16-Jun-18 0% 0% 0% 0 BS-MP-10350 MEP Installation (Linked from 8/F Siab Cast date) 0 09-Jun-18 16-Jun-18 09-Jun-18 16-Jun-18 0% 0% 0% 0			TOC)									-						1 1		
LT10370 Lift car Installation (LT08) 54 11-Aug-18 16-Oct-18 11-Aug-18 16-Oct-18 0% 0% 0 0			·		-					4,1		_								
## Tower ABWF & Building Services (4/F - 16/F & R/F - UR/F) ## 10/F ## 12/F ## 10/F ## 10			0/)							4,1										
## - 101F MP-10000			110.00	54	11-Aug-18	16-Oct-18	11-Aug-18	16-Oct-18	0%	0%	0	_							-	Ŧ
MP-10000 4/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 05-Jun-18 02-Nov-18 05-Jun-18 03-Nov-18 05-Jun-18 05-Jun		vr & building Services (4/F - 16/F & R/F	- UK/F)																	
MP-10010 6/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 05-Jun-18 02-Nov-18 05-Jun-18 02-Nov-18 09% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						1														
MP-10020 7/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 06-Jun-18 03-Nov-18 06-Jun-18 03-Nov-18 06-Jun-18 09-Jun-18 16-Jun-18 09-Jun-18 09-Jun																	-	- :		
MP-1030 8/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 21-Jun-18 19-Nov-18 21-Jun-18 19-Nov-18 0% 0% 0 MP-1040 9/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 10-Jul-18 06-Dec-18 0% 0% 0 MP-1050 10/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 27-Jul-18 24-Dec-18 27-Jul-18 24-Dec-18 0% 0% 0 5/F - GL B-K (FOH Area includ lift lobby @ GL B & L) AS-MP-10160 Access for ABWF / MEP / Fit-out Installation (Linked from 8/F Slab Cast date) 0 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 00% 0% 0 BS-MP-10350 MEP Installation H/L 1st Fix 19 09-Jun-18 04-Jul-18 09-Jun-18 04-Jul-18 09-Jun-18 04-Jul-18 0% 0% 0% 0									4,1	4,1										
MP-1040 9/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 10-Jul-18 06-Dec-18 10-Jul-18 06-Dec-18 0% 0% 0 0 MP-10050 10/F - ABWF / MEP Insatallation (Similar working procedures as 5/F) 125 27-Jul-18 24-Dec-18 27-Jul-18 24-Dec-18 0% 0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															-	1: :	==		===	_
MP-10050 10/F - ABWF / MEP Installaltion (Similar working procedures as 5/F) 125 27-Jul-18 24-Dec-18 27-Jul-18 24-Dec-18 0% 0% 0 5/F - GL B-K (FOH Area includ lift lobby @ GL B & L) AS-MP-10160 Access for ABWF / MEP / Fit-out Installation (Linked from 8/F Slab Cast date) 0 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 00% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MP-10030			125	21-Jun-18	19-Nov-18	21-Jun-18	19-Nov-18	0%	0%	0					-	$\overline{+}$			Ŧ
5/F - GL B-K (FOH Area includ lift lobby @ GL B & L) A5-MP-10160 Access for ABWF / MEP / Fit-out Installation (Linked from 8/F Slab Cast date)	MP-10040	9/F - ABWF / MEP Insatallation (Similar wo	orking procedures as 5/F)	125	10-Jul-18	06-Dec-18	10-Jul-18	06-Dec-18	0%	0%	0									-
A5-MP-10160 Access for ABWF / MEP / Fit-out Installation (Linked from 8/F Slab Cast date) 0 09-Jun-18 09-Jun-18 0% 0% 0 AW-MP-10250 ABWF - Dry Wall stud 7 09-Jun-18 16-Jun-18 09-Jun-18 16-Jun-18 0% 0% 0 B5-MP-10350 MEP Installation H/L 1st Fix 19 09-Jun-18 04-Jul-18 09-Jun-18 04-Jul-18 0% 0% 0	MP-10050	10/F - ABWF / MEP Insatallation (Similar v	working procedures as 5/F)	125	27-Jul-18	24-Dec-18	27-Jul-18	24-Dec-18	0%	0%	0							++	نب	\Rightarrow
AW-MP-10250 ABWF - Dry Wall stud 7 09-Jun-18 16-Jun-18 09-Jun-18 16-Jun-18 0% 0% 0 B5-MP-10350 MEP Installation H/L 1st Fix 19 09-Jun-18 04-Jul-18 09-Jun-18 04-Jul-18 0% 0% 0	5/F - GL B-K (FOH Area includ lift lobby @ GL B & L)																		
AW-MP-10250 ABWF - Dry Wall stud 7 09-Jun-18 16-Jun-18 09-Jun-18 16-Jun-18 0% 0% 0 B5-MP-10350 MEP Installation H/L 1st Fix 19 09-Jun-18 04-Jul-18 09-Jun-18 04-Jul-18 0% 0% 0	AS-MP-10160	Access for ABWF / MEP / Fit-out Installation	on (Linked from 8/F Slab Cast date)	0	09-Jun-18		09-Jun-18		0%	0%	0			8	Access for A	BWF / MEP / Fit	out Installa	ition (Linked f	rom 8/F Slab	Cast da
	AW-MP-1025	0 ABWF - Dry Wall stud		7	09-Jun-18	16-Jun-18	09-Jun-18	16-Jun-18	0%	0%	0	1								
RS_MR-10360_MFP - 2nd fix include cabling and wiring	BS-MP-10350	MEP Installation H/L 1st Fix		19	09-Jun-18	04-Jul-18	09-Jun-18	04-Jul-18	0%	0%	0	1		1 :	_					
	BS-MP-10360	MEP - 2nd fix include cabling and wiring		19	25-Jun-18	18-Jul-18	25-Jun-18	18-Jul-18	0%	0%	0	-				خختان	<u> </u>			

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Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

Marie Mari	140) (27 May to 02 Jun 2018) (CMWP 8D)		CMWE	CMWP - R0	CMWP - R0		A-1	Di	A - 4 1 0/	Elelele Medeese	MOV		luno	luk/		Tiguet
### AND ADDRESS OF TWO COMPANY CONTROL OF TWO CONTR	Activity ID Activity Name					Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32		33	34		35
## 12-202 AND Comparison 3 2014 50-92 2014 50-92 2014 50-92 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 50-94 5	AW-MP-10430 Facde Completion and watertight		0		18_Jul_18		19_lul_19	0%	0%	0	30 07 14 2	28 0	4 11 18 25			
Mark				10 Iul 10		10 1 10					liii			, raci	de compledon and	watertight,
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Control Cont		and the American		1												
According Control (1998) Control (19		exible / Wiring	_					47.1	0,0							
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2 Amy 10 Color				-	-	-			471		ļļļ			ļļļ.		
March Marc		t/wiring						47.1	471						- 11 7	<u>~_</u> ⊥
Accordance Ac			/	25-Aug-18	03-Sep-18	25-Aug-18	03-Sep-18	0%	0%	0						
March 1997 March 200 Mar																
1 1 1 1 1 1 1 1 1 1		ed from 9/F Slab Cast date)											Access for ABWF/	WEP Installation (Linke	d from 9/F;Slab Ca	st date), 09-Ju
March Marc														<u>L</u>	!-	
1		2nd Fix						47.	4,1					-		
Annual Part Control Contro															_	
1. Goldwick Color Colo							27-Jul-18								<u>- : </u>	
Ann	AW-MP-1007 ABWF - Ceiling Grid/Ceilng Panel with S	ervice Openings	7	28-Jul-18	04-Aug-18	28-Jul-18	04-Aug-18	0%	0%	0						
APP-1202 A 1997 - Out - Presence 7 15-Aug-31 25-Aug-31 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	U 18							411	471		<u> </u>			<u> </u>		
## A Section (1997) Find the polarity report Sint Court			7	09-Aug-18	16-Aug-18	09-Aug-18	16-Aug-18		0%							<u>- 1</u>
EVAPORISED AND PRICES FOR AND PRIC	AW-MP-100! ABWF - Cublic Partition		7	17-Aug-18	24-Aug-18	17-Aug-18	24-Aug-18	0%	0%	0						
Column C	The state of the s	Door	7	25-Aug-18	01-Sep-18	25-Aug-18	01-Sep-18	0%	0%	0						-
Advision	 .															
ANN-POLICY AND Select point 3 \$3-lan-18 \$3-lan	ELV Room (5-1-901M) GL 7-8/A-B															
St. Aug. 10000 Aug. Fix Control Fix St. Aug. St. Aug	AS-MP-10000 Access for ABWF/MEP Installation (Link	ed from 9/F Slab Cast date)	0	13-Jun-18		13-Jun-18		0%	0%	0			Access for ABV	VF/MEP Installation (L	inked from 9/F Sla	b Cast date), 1
ANN-PAPER No.	AW-MP-100(ABWF Sealer paint		3	13-Jun-18	15-Jun-18	13-Jun-18	15-Jun-18	0%	0%	0						
AS-AN-10100 Met - 124 - Suppressed Ready (Connection 12 - 20 - 124 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 124 12 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	BS-MP-10000 MEP 1st / 2nd/final Fix		13	16-Jun-18	03-Jul-18	16-Jun-18	03-Jul-18	0%	0%	0				•		
MAPP-1107 ANY-Protestation Commonweal C	AW-MP-1001 ABWF-Door / Ironmongaries		3	04-Jul-18	06-Jul-18	04-Jul-18	06-Jul-18	0%	0%	0						
AN AMP-1000 Acces for ANNY/MEN Installation 0 0 07-bin-18	BS-MP-10010 MEP - ELV- Equipment Ract / Connection	1	27	07-Jul-18	07-Aug-18	07-Jul-18	07-Aug-18	0%	0%	0						
ANAMO-1000 MFP - 1st Fix S	MEP (EL) Room (5-1-806M) & (5-1-800M) @ GL 7-8/A	-В														
BS-MP-1089 MP- 2nd & Final Fix	AS-MP-10100 Acces for ABWF/MEP Installation		0	07-Jun-18		07-Jun-18		0%	0%	0			Acces for ABWF/ME	Installation, 07-Jun-1	8	
BS-MP-1089 MP- 2nd & Final Fix	AW-MP-116 ² ABWF-Ceiling/WallI Sealer		5	07-Jun-18	12-Jun-18	07-Jun-18	12-Jun-18	0%	0%	0						
## PAIR AND ROOM (\$4-1800) GL F-AK-L ## PAIR AND ROOM (\$4-1800) GL F-	U 111		25	13-Jun-18	13-Jul-18	13-Jun-18	13-Jul-18	0%	0%	0						
PAU (AHU Room (5-1-805M) GLT 24K-L ALWA-1000 Access for ABWF/MEP Installation 0 0 09-Jun-18 09	BS-MP-10990 MEP - 2nd & Final Fix		54	14-Jul-18	14-Sep-18	14-Jul-18	14-Sep-18	0%	0%	0						
AS-MP-1004 Acces for ABWF/MEP Installation O 09-Jun-18 16-Jun-18 09-Jun-18	5/F- GL K-M (BOH / Plant Rooms)													iii		
AW-MP-101 8W - Sealer on celling soffit & application of epoxy paint on wall AW-MP-101 AWWF - Pillinth / Floor Screeding 7 16-Jun-18 25-Jun-18 16-Jun-18 05-Jun-18 0	PAU /AHU Room (5-1-805M) GL 7-8/K-L															
AW-MP-101 8W - Sealer on celling soffit & application of epoxy paint on wall AW-MP-101 AWWF - Pillinth / Floor Screeding 7 16-Jun-18 25-Jun-18 16-Jun-18 05-Jun-18 0	AS-MP-10040 Acces for ABWF/MEP Installation		0	09-Jun-18		09-Jun-18		0%	0%	0			Acces for ABWF/N	EP Installation, 09-Jur	1-18	
AW-MP-1011 ABWF - Plinith / Floor Screeding		on of epoxy paint on wall	7		16-Jun-18		16-Jun-18	0%	0%	0						
BS-MP-10140 MEP - AC Equipment position			7						0%							
BS-MP-10150 MEP - Ist & Znd Fix / Air Duxt / Containment / Pipes 27 05-Jul-18 04-Aug-18 05-Jul-18 05-J			7	26-Jun-18	04-Jul-18	26-Jun-18	04-Jul-18	0%	0%	0	l					
BS-MP-10160 MEP - install AHU system/Air Duct/Pipe/Containment 27		ment / Pipes	27						0%							
AW-MP-1012 ABWF - Final coat of paint on wall 5 06-Aug-18 10-Aug-18 06-Aug-18 06-Aug-18 0% 0% 0 0% 0 AW-MP-1022 ABWF - Sealer on floor 5 11-Aug-18 16-Aug-18 11-Aug-18 16-Aug-18 0% 0% 0 0 BS-MP-10100 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 6 09-Jun-18 09-Jun-18 12-Jun-18 09-Jun-18 12-Jun-18 06-Jul-18 0% 0% 0 0 BS-MP-1000 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 6 09-Jun-18 12-Jun-18 09-Jun-18 12-Jun-18 06-Jul-18 0% 0% 0 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 12-Jun-18 06-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 12-Jun-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0% 0 BS-MP-1000 ABWF - Sealer paint 19 13-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%																
AW-MP-102: ABWF - Door & ironmongeries installation 3 14-Aug-18 16-Aug-18 16-Aug-18 0% 0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					-				471							
AW-MP-1027 ABWF - Sealer on floor 5 11-Aug-18 16-Aug-18 11-Aug-18 0% 0% 0 0 BS-MP-10170 MEP - Final Fix (F.S. Sprinkler / Equipment Connection) 38 06-Aug-18 18-Sep-18 0% 0% 0 0 ELV Room (5-1-300M) GL 7-3L AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 0 0 9-Jun-18 12-Jun-18 09-Jun-18 10-Jul-18 09-Jun-18 09-J		on														-
B5-MP-10170 MEP - Final Fix (F.S. Sprinkler / Equipment Connection) 88 06-Aug-18 18-Sep-18 0% 0% 0 0% 0 ELV Room (5-1-900M) GL 7-8/L A5-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 0 09-Jun-18			_	-	-						 			 -		<u>-</u>
ELV Room (5-1-900M) GL 7-8/L AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 0 09-Jun-18 09-Jun-18 0% 0% 0 0 BS-MP-10030 MEP - 1st / 2nd / Final Fix 19 13-Jun-18 06-Jul-18 10-Jul-18 06-Jul-18 0% 0% 0 0 BS-MP-10004 MEP - EUV- Equipment Ract / Cabling / Connection 27 11-Jul-18 10-Jul-18 10-Jul-18 0% 0% 0 0 BS-MP-10070 Ready for EUV system T&C 0 1-Jul-18 09-Jun-18 11-Jul-18 09-Jun-18 0% 0% 0 0 AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date), 10-Jul-18 09-Jun-18 10-Jul-18 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 0% 0% 0 0 AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date), 10-Jul-18 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 0% 0% 0 0 AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date), 10-Jul-18 09-Jun-18 09-J		ent Connection)														
AS-MP-10010 Access for ABWF/MEP Installation (Linked from 9/F Slab Cast date) 0 09-Jun-18 09-Ju			30	50 7.0g-10	10 3cp-10	55 / lug-10	10 3ch-10	3/0	0,0	,						
AW-MP-100: ABWF - Sealer paint 3 09-Jun-18 12-Jun-18 09-Jun-18 12-Jun-18 0% 0% 0 0 BS-MP-10030 MEP - 1st / 2nd / Final Fix 19 13-Jun-18 06-Jul-18 13-Jun-18 06-Jul-18 0% 0% 0 0 0 AW-MP-100: ABWF - Door / Ironmongaries 3 07-Jul-18 10-Jul-18 07-Jul-18 10-Jul-18 0% 0% 0 0 0 BS-MP-10040 MEP - ELV- Equipment Ract / Cabling / Connection 27 11-Jul-18 10-Aug-18 11-Jul-18 10-Aug-18 0% 0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<mark> - </mark>	ad from 9/E Slah Cast date)	0	09-Jun-18		09-Jun-19		0%	0%	0			Access for APWE	MED Installation / Links	d from Q/F Slab 6	act date) 00 h
BS-MP-10030 MEP - 1st / 2 nd / Final Fix 19 13-Jun-18 06-Jul-18 13-Jun-18 06-Jul-18 0% 0% 0 AW-MP-1001 ABWF - Door / Ironmongaries 3 07-Jul-18 10-Jul-18 07-Jul-18 10-Jul-18 0% 0% 0 BS-MP-10040 MEP - ELV- Equipment Ract / Cabling / Connection 27 11-Jul-18 10-Aug-18 11-Jul-18 10-Aug-18 0% 0% 0 AS-MP-10070 Ready for ELV system T&C 0 11-Aug-18 09-Jun-18 0% 0% 0 MEP (EL) Room (5-1-803M) @ GL 7-8/L AS-MP-10100 Acces for ABWF/MEP Installation 0 09-Jun-18 09-Jun-18 0% 0% 0 0 Acces for ABWF/MEP Installation, 09-Jun-18 10-Jul-18 09-Jun-18 10-Jul-18 0% 0% 0 0		ed nom 3/1 Stab cast date)			12-Jun 10		12-Jun 10	47.1	471				O ACCESS TOT ABWEY	YILI III TAII ALIDII (LIIKE	u iiqiii 3/1; 3id0 Ç	131 date), 09-10
AW-MP-100: ABWF - Door / Ironmongaries 3 07-Jul-18 10-Jul-18 07-Jul-18 10-Jul-18 0% 0% 0 0 BS-MP-10040 MEP - ELV- Equipment Ract / Cabling / Connection 27 11-Jul-18 10-Aug-18 11-Jul-18 10-Aug-18 0% 0% 0 0 AS-MP-10070 Ready for ELV system T&C 0 11-Aug-18 0% 0% 0 0 0 MEP (EL) Room (5-1-803M) @ GL 7-8/L AS-MP-1010 Acces for ABWF/MEP Installation 0 09-Jun-18 09-Jun-18 09-Jun-18 0% 0% 0 0 \$\frac{1}{2} \text{Acces} \text{for ABWF/MEP Installation} \text{Acces} \text{for ABWF/MEP Installation} 00-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 0% 0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											ļ -		-	<u></u> -		
BS-MP-10040 MEP - ELV- Equipment Ract / Cabling / Connection 27 11-Jul-18 10-Aug-18 11-Jul-18 10-Aug-18 0% 0% 0 AS-MP-10070 Ready for ELV system T&C 0 11-Aug-18 11-Aug-18 0% 0% 0 0 MEP (EL) Room (5-1-803M) @ GL 7-8/L AS-MP-10110 Acces for ABWF/MEP Installation 0 09-Jun-18 09-Jun-18 09-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0			_													
AS-MP-10070 Ready for ELV system T&C 0 11-Aug-18 11-Aug-18 0% 0% 0		·				41.10.20								: T		
MEP (EL)Room (5-1-803M) @ GL 7-8/L AS-MP-10110 Acces for ABWF/MEP Installation 0 09-Jun-18 0% 0 0 \$ Acces for ABWF/MEP Installation, 09-Jun-18 BS-MP-1000 MEP - 1st & 2nd & Final Fix 25 09-Jun-18 10-Jul-18 0% 0 0		onnection		11-Jul-18	-	11-Jul-18								 		
AS-MP-10110 Acces for ABWF/MEP Installation 0 09-Jun-18 09-Jun-18 0% 0% 0 \$\\$Acces for ABWF/MEP Installation, 09-Jun-18 09-Jun-18 10-Jul-18 0% 0% 0			0		11-Aug-18		11-Aug-18	0%	0%	0					₹!	eady for ELV s
BS-MP-11000 MEP - 1st & 2nd & Final Fix 25 09-Jun-18 10-Jul-18 09-Jun-18 10-Jul-18 0% 0% 0				1										<u> </u>		
			-					47.1	471				Acces for ABWF/N	EP Installation, 09-Jur	1-18	
AW-MP-102/ ABWF - Door / Ironmonangies 3 11-Jul-18 13-Jul-18 0% 0% 0								47.1								
	AW-MP-102 ^a ABWF - Door / Ironmonargies		3	11-Jul-18	13-Jul-18	11-Jul-18	13-Jul-18	0%	0%	0				-		

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (77 May to 03 Jun 2018) (CMW/P PD)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)												
Activity ID Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	Ma 32	y		June July August 33 34 35
		,,	()	- IIII Jot Gidit		I I I I I I I I I I I I I I I I I I		(' ' ' '	30 07 1	4 21 :	28 04	11 18 25 02 09 16 23 30 06 13
11F-16F				,	,	,						
MP-10080 13/F - ABWF / MEP Insatallation (Similar wαrking procedures as 1/F) before watertight		21-Jul-18	15-Oct-18	21-Jul-18	15-Oct-18	0%	0%	0	<u> </u>			
MP-10090 14/F - ABWF / MEP Insatallation (Similar working procedures as 1/F) before watertight	60	18-Aug-18	31-Oct-18	18-Aug-18	31-Oct-18	0%	0%	0				_
MP-10100 15/F - ABWF / MEP Insatallation (Similar working procedures as 1/F) before watertight	62	16-Aug-18	31-Oct-18	16-Aug-18	31-Oct-18	0%	0%	0				-
Lift Lobby / Plant Rooms												
AS-MP-10030 Access for ABWF & MEP Installation (Linked from TR/F Slab Cast date)	0	14-Aug-18		14-Aug-18		0%	0%	0				S Acce
AW-MP-1012 ABWF-Wet Trade Block Wall / Rendering	19	14-Aug-18	05-Sep-18	14-Aug-18	05-Sep-18	0%	0%	0				
FOH												
AS-MP-10120 Access for ABWF & MEP Installation (Linked from TR/F Slab Cast date)	0	14-Aug-18		14-Aug-18		0%	0%	0				S Acce
AW-MP-103: ABWF - Wet Trade Block Wall / Rendering	19	14-Aug-18	05-Sep-18	14-Aug-18	05-Sep-18	0%	0%	0				
All Level												
Riser (GL B for ELV & MEP Room)												
4/F - 10/F												
AS-MP-10170 Access for MEP Installation (Linked from 14/F Slab Cast date)	0	27-Jul-18		27-Jul-18		0%	0%	0				Access for MEP Insta
MEP Riser (GL L-M)												
4/F - 10/F												
AS-MP-10180 Access for MEP Installation (Linked from 14/F Slab Cast date)	0	27-Jul-18		27-Jul-18		0%	0%	0			1	Access; for MEP Insta
AS-MP-11140 BW - Temporary waterproofing & protection barroer installation on 11/F		27-Jul-18	11-Aug-18	27-Jul-18	11-Aug-18	0%	0%	0	1			AS-MP-11140
BS-MP-10420 MEP Riser Installation-1st/2nd Fix Installation		11-Aug-18	12-Sep-18	11-Aug-18	12-Sep-18	0%	0%	0	1			BS-MP-10420
M+ Tower Testing & Comissioning (4/F - 16/F & R/F - UR/F)	27	11-Aug-10	12-3cp-10	11-Aug-10	12-3cp-10	070	070	· ·				B3-1/11 10420
MEP System T&C												
Electrical									ļļ			
 												
EL-CLP-10140 TX Room A CLP power on (M+ & CSF)	0		20-Jun-18		20-Jun-18	0%	0%	0				TX Room A CLP power on (M+ & CSF),
EL-CLP-10150 TX Room B CLP power on (M+ & CSF)	0		20-Jun-18		20-Jun-18	0%	0%	0	+++	+++	-	TX Room B CLP power on (M+ & CSF),
CSF Tower												
Tower Crane Provision												
Provision of TC4 (CSF, Entrance Portal & AEL North Podium Construction)												
TC4 Erection												
A64650 TC4 Operational Period	9	18-Mar-16	31-Mar-16	15-Apr-17 A	11-Feb-19	100%	0%	-850		1 1	1 1	
CSF Tower RC Structure Construction (G/F - 8/F & R/F)												
CSF Super-Structure RC Works												
CSF Building												
CSF Structure @ Portion - T (G/F to 8/F)												
Grid Line B' to F' / 4' to 6'												
A65440 CSF - 6/F to 7/F Construction - Zone A	23	18-May-18	14-Jun-18	14-May-18 A	11-Jun-18	47.83%	60.87%	3	—	++		_
A50780 CSF - 6/F to 7/F Construction - Zone B	21	25-May-18	19-Jun-18	16-May-18 A	15-Jun-18	28.57%	38.1%	2	1 •	++		=
A65450 CSF - 7/F to 8/F Construction - Zone A	18	12-Jun-18	04-Jul-18	12-Jun-18	04-Jul-18	0%	0%	0			/	
A50790 CSF - 7/F to 8/F Construction - Zone B	19	16-Jun-18	10-Jul-18	16-Jun-18	10-Jul-18	0%	0%	0	1			
A65460 CSF - 8/F to +61.13/62.0 Construction - Zone A		05-Jul-18	01-Aug-18	05-Jul-18	01-Aug-18	0%	0%	0	1			
A50795 CSF - 8/F to +61.13/62.0 Construction - Zone B		11-Jul-18	07-Aug-18	11-Jul-18	07-Aug-18	0%	0%	0	1			
A65470 CSF - 8/F to R/F Construction - Zone A		02-Aug-18	04-Oct-18	02-Aug-18	04-Oct-18	0%	0%	0				
A50800 CSF - 8/F to R/F Construction - Zone B		08-Aug-18	10-Oct-18	08-Aug-18	10-Oct-18	0%	0%	0	1		1	
CSF Building Temporary Works	33	/ 105 10	-5 000 10	00 7.05 10	10 000 10							
CFFF-10030 Fair Face Concrete Remedial Works - CSF 2/F	14	07-Jun-18	23-Jun-18	07-Jun-18	23-Jun-18	0%	0%	0	•		11 🚢	
<u> </u>		25-Jun-18	11-Jul-18	25-Jun-18	25-Juli-16 11-Jul-18	0%	0%	0	1			
							***	-				
CFFF-10050 Fair Face Concrete Remedial Works - CSF 4/F		12-Jul-18	27-Jul-18	12-Jul-18	27-Jul-18	0%	0%	0	ļļļ			
CFFF-10060 Fair Face Concrete Remedial Works - CSF 5/F		28-Jul-18	13-Aug-18	28-Jul-18	13-Aug-18	0%	0%	0				
CFFF-10070 Fair Face Concrete Remedial Works - CSF 6/F		14-Aug-18	29-Aug-18	14-Aug-18	29-Aug-18	0%	0%	0				_
CFFF-10080 Fair Face Concrete Remedial Works - CSF 7/F		30-Aug-18	14-Sep-18	30-Aug-18	14-Sep-18	0%	0%	0			4	
CF10940 Material Hoist Operation period	197	25-May-18	18-Jan-19	30-Jan-18 A	23-Feb-19	3.05%	0%	-28			1: :	
CSF Building FACADE Preliminaries												
ENGINEERING & APPROVAL - CSF												
SHOPDRAWING - Facade Doors Package #11 - CSF Doors - Total No. = 2												

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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,	02 Jun 2018) (CMWP 8D) Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual /	Actual / Forecast Finish	Planned B/L % Complete	Actual %	Finish Variance (+/-d)	e May	/	June 33	July Aug
					Forecast Start		% Complete	Complete		30 07 14	21 2	8 04 11 18	25 02 09 16 23 30 06 1
.9290	1st Shopdrawing Submission	86	05-Jan-18	23-Apr-18	02-Jan-18 A	07-Aug-18	100%	35%	-87	_ : :	1 1	1 1 1 1	<u> </u>
.9300	1st Shopdrawing Submission - Review & Approval	19	07-Aug-18	29-Aug-18	07-Aug-18	29-Aug-18	0%	0%	0				_
19310	2nd Shopdrawing Submission	13	29-Aug-18	13-Sep-18	29-Aug-18	13-Sep-18	0%	0%	0				
	CE TEST - SHOPDRAWING SUBMISSION, FABRICATION, INSTALLATION & TEST												
RFORMA	NCE TEST & MOCK UP - CSF												
19450	Ordering & Production of Material	95	31-Mar-17	29-Jul-17	31-Mar-17 A	24-Aug-18	100%	26%	-318				
19460	Installation Performance Mock up	37	24-Aug-18	09-Oct-18	24-Aug-18	09-Oct-18	0%	0%	0				
IU SHOPD	RAWING SUBMISSION & TEST - CSF Building												
19520	Perf MU - CSF Facade Ordering & Production	89	18-May-18	01-Sep-18	18-May-18 A	05-Sep-18	12.36%	10%	-2				
rication 8	Delivery of CSF Facade System										1		
9570	Glass Production and Fabrication	113	13-Jul-18	26-Nov-18	13-Jul-18	26-Nov-18	0%	0%	0	7	- '		
9560	Glass Wall Production and Fabrication	187	09-Jun-18	22-Jan-19	09-Jun-18	22-Jan-19	0%	0%	0				
9580	Roof Louvre Wall Production & Fabrication	144	06-Aug-18	28-Jan-19	06-Aug-18	28-Jan-19	0%	0%	0				
ass Produ	ction & Fabrication	,											
19590	Ordering of Coated Glass	60	25-Oct-17	08-Jan-18	06-Jul-17 A	15-Jun-18	100%	80%	-127	-	+ +		
19600	Fabrication of Insulated Glass Panel	54	15-Jun-18	20-Aug-18	15-Jun-18	20-Aug-18	0%	0%	0				
	roduction & Fabrication												
19610	Die Making	45	03-Mar-17	29-Apr-17	03-Mar-17 A	12-Jun-18	100%	80%	-331		+ +		
19630	PVF2 Paint Ordering	45	10-Apr-17	08-Jun-17	04-Oct-17 A	12-Jun-18	100%	80%	-300	1			
19620	Aluminium Extrusion Production	22	30-May-18	26-Jun-18	18-May-18 A	25-Jun-18	8.79%	10%	0		<u> </u>	: : :	
19640	Application of PVF2 Coating	16	25-Jun-18	14-Jul-18	25-Jun-18	14-Jul-18	0%	0%	0	-		/	
19650	Steel Frame Fabrication - Roof Louvre	66	14-Jul-18	02-Oct-18	14-Jul-18	02-Oct-18	0%	0%	0	+			
	Wall Production & Fabrication	00	14-Jul-18	02-001-18	14-Jul-18	02-001-18	U76	U%	U		+-		
		1											
19690	Die Making	54	09-Mar-18	17-May-18	02-Jan-18 A	27-Jul-18	100%	14%	-58				
19700	Aluminium Extrusion Production	27	27-Jul-18	28-Aug-18	27-Jul-18	28-Aug-18	0%	0%	0	_			
19710	PVF2 Paint Ordering	27	27-Jul-18	28-Aug-18	27-Jul-18	28-Aug-18	0%	0%	0				
19720	Application of PVF2 Coating	11	28-Aug-18	10-Sep-18	28-Aug-18	10-Sep-18	0%	0%	0	_			
19680	Steel Frame Fabrication - Roof Louvre	107	06-Aug-18	12-Dec-18	06-Aug-18	12-Dec-18	0%	0%	0				
External E													
Structur	e Milestones												
9830	CSF - Wall, Column & 6/F to 7/F Slab Complete	0		15-Jun-18		15-Jun-18	0%	0%	0			S CSF - W	Vall, Column & 6/F to 7/F S lab Complete,
9840	CSF - Wall, Column & 7/F to 8/F Slab Complete	0		10-Jul-18		10-Jul-18	0%	0%	0				S CSF - Wall, Column & 7/F to 8/F
ADE INST	ALLATION - by Permasteelisa												
9860	Access for PISA Survey (6/F to 8/F)	0		29-Jun-18		29-Jun-18	0%	0%	0				Access for PI\$A Survey (6/F to 8/F),
9961	PISA-Embed Survery/Report/Remedial/Bracket Installation (6/F to 7/F)	7	29-Jun-18	09-Jul-18	29-Jun-18	09-Jul-18	0%	0%	0	1			
9951	PISA-Embed Survery/Report/Remedial/Bracket Installation (G/F to 1/F)	57	05-Jun-18	11-Aug-18	05-Jun-18	11-Aug-18	0%	0%	0	1			
Tower AB	WF & Building Services (G/F - 8/F & R/F)												
Tower GF	-1F, 3-6F												
-10350	1/F BOH /FOH ABWF/MEP Installation	85	06-Jun-18	14-Sep-18	06-Jun-18	14-Sep-18	0%	0%	0	-			
-10370	G/F BOH /FOH ABWF/MEP Installation	85	13-Jun-18	21-Sep-18	13-Jun-18	21-Sep-18	0%	0%	0	1			
-10310	3/F BOH /FOH ABWF/MEP Installation	85	16-Jun-18	26-Sep-18	16-Jun-18	26-Sep-18	0%	0%	0	1			
-10320	4/F BOH /FOH ABWF/MEP Installation	85	11-Jul-18	20-Oct-18	11-Jul-18	20-0ct-18	0%	0%	0	+			
-10320	5/F BOH /FOH ABWF/MEP Installation	85	08-Aug-18	17-Nov-18	08-Aug-18	17-Nov-18	0%	0%	0	+			
20330	S. SONT. STROWTYMEN INSCRIBATION	65	00-Mug-10	17-1404-10	00-Mug-10	17-1400-10	3/0	0/0	U			I-+	
CI P'E'	FOH Area)												
			05 1 46		05 1 40		00/	00/					
	Access for ABWF/MEP Installation	0	05-Jun-18		05-Jun-18		0%	0%	0	-		Access for ABWF	/MEP:Installation, 05-Jun-18
	0 ABWF-Dry Wall Stud	7	05-Jun-18	12-Jun-18	05-Jun-18	12-Jun-18	0%	0%	0	4			<u>_ i </u>
	MEP-1st/2nd Fix-Duct/Containment/ Pipe/FCU	25	05-Jun-18	05-Jul-18	05-Jun-18	05-Jul-18	0%	0%	0	4			
-CSF-1201	0 ABWF-Dry Wall Close-up/	7	06-Jul-18	13-Jul-18	06-Jul-18	13-Jul-18	0%	0%	0				
-CSF-1202	0 ABWF-Ceiling Frame	7	14-Jul-18	21-Jul-18	14-Jul-18	21-Jul-18	0%	0%	0				
-CSF-1123	MEP- MEP Dropper	7	23-Jul-18	30-Jul-18	23-Jul-18	30-Jul-18	0%	0%	0				
	0 ABWF-Ceiling Close-up	7	31-Jul-18	07-Aug-18	31-Jul-18	07-Aug-18	0%	0%	0				
V-CSF-1203	0												

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)	I CMWP I	CMWP - R0	1011115 50									
Activity ID Activity Name		(D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32	33 34	35	
AS-CSF-10460 Access for ABWF/ MEP Installation	0	05-Jun-18		05-Jun-18		0%	0%	0	30 07 14 21	1 28 04 11 18 25 02 09 16 Access for ABWF/ MEP Installation, 05-		20 27
AW-CSF-11990 ABWF - Block Wall / Rendering / Floor Screeding		05-Jun-18	27-Jun-18	05-Jun-18	27-Jun-18	0%	0%	0	-	Access for ABWIY MES Installation, 03-	uirio	
AW-CSF-11990 BW - Equipment Plinth		28-Jun-18	06-Jul-18	28-Jun-18	06-Jul-18	0%	0%	0	-			. !
						0%	0%	0	-			. !
AW-CSF-12000 ABWF- Wall / Ceiling 1st Coat		07-Jul-18	14-Jul-18	07-Jul-18	14-Jul-18						<u></u>	
BS-CSF-11220 MEP - ICT Room Installation - 1st / 2nd / Final Fix Installation		16-Jul-18	13-Aug-18	16-Jul-18	13-Aug-18	0%	0%	0	1			
BS-CSF-11210 MEP/ ELV-ELV Room Installation-1st / 2nd / Final Fix Installation		16-Jul-18	15-Sep-18	16-Jul-18	15-Sep-18	0%	0%	0	1			
BS-CSF-11200 MEP - AHU Room Installation-1st / 2nd / Final Fix Installation		16-Jul-18	15-Sep-18	16-Jul-18	15-Sep-18	0%	0%	0	1			
AS-CSF-10480 MEP - Riser Installation (Linked from 8/F Access Date)	54	08-Aug-18	11-Oct-18	08-Aug-18	11-Oct-18	0%	0%	0				
CSF Tower Testing & Comissioning (G/F - 8/F & R/F)												
MEP System T&C												
Electrical				_		,						.
EL-CLP-10120 TX Room A CLP power on (M+ & CSF)	0		15-Jun-18		15-Jun-18	0%	0%	0		TX Room A CLP power on (M+	& CSF),	
RDE Tower												
Tower Crane Provision												
Provision of TC1-A & TC1-B (RDE & CSF Construction)												
TC1-A & TC1-B Erection												
A64670 TC1-A 1st Operational Period	13	25-Nov-17	09-Dec-17	17-Nov-17 A	15-Jun-18	100%	0%	-149				. !
A64660 TC1-B 1st Operational Period	6	16-Jun-18	23-Jun-18	16-Jun-18	23-Jun-18	0%	0%	0	1			
TC1-A & TC1-B 1st Jack												
A64140 1st Raise & Jack up of TC1-A to 65.1mPD	2	16-Jun-18	19-Jun-18	16-Jun-18	19-Jun-18	0%	0%	0	1			
A64150 1st Raise & Jack up of TC1-B to 55.1mPD	2	20-Jun-18	21-Jun-18	20-Jun-18	21-Jun-18	0%	0%	0				.
A64690 TC1-A 2nd Operational Period	110	20-Jun-18	30-Oct-18	20-Jun-18	30-Oct-18	0%	0%	0				
A64680 TC1-B 2nd Operational Period	110	25-Jun-18	03-Nov-18	25-Jun-18	03-Nov-18	0%	0%	0	1			
TC1-A & TC1-B 2nd Jack												
A64160 RDE 8/F Slab Portion B Completed	0		21-Jul-18		21-Jul-18	0%	0%	0			RDE 8/F Slab Portion B Con	mpleted
A64170 Install & Connect Tie-in between TC1-A & TC1-B & RDE 8/F slab		23-Jul-18	23-Jul-18	23-Jul-18	23-Jul-18	0%	0%	0	1			
A64180 Inspection and ICE & RPE Certification for TC1-A & TC1-B Ties		24-Jul-18	25-Jul-18	24-Jul-18	25-Jul-18	0%	0%	0	1			
RDE Tower RC Structure Construction (GF - 15M/F & UR/F)												
RDE Super-Structure RC Works												.
RDE Building												
RDE Structure @ Portion - U (G/F to 15M/F)												
Block A Grid Line G' to J' / 1' to 6'												
A50895 RDE - Walls, Columns & 6/F Slab - Zone B	12	01-Jun-18	14-Jun-18	30-May-18 A	14-Jun-18	0%	0%	0				.
A50890 RDE - Walls, Columns & 6/F Slab - Zone A		13-Jun-18	21-Jun-18	01-Jun-18 A	21-Jun-18	0%	0%	0	-			
						0%						
A50905 RDE - Walls, Columns & 7/F Slab - Zone B A50900 RDF - Walls, Columns & 7/F Slab - Zone A		15-Jun-18	27-Jun-18 05-Jul-18	15-Jun-18 22-Jun-18	27-Jun-18 05-Jul-18	0%	0%	0	-			
		22-Jun-18			***************************************				4			
A50915 RDE - Walls, Columns & 8/F Slab - Zone B		28-Jun-18	14-Jul-18	28-Jun-18	14-Jul-18	0%	0%	0	-		_	
A50910 RDE - Walls, Columns & 8/F Slab - Zone A		06-Jul-18	21-Jul-18	06-Jul-18	21-Jul-18	0%	0%	0	1		<u> </u>	
A50925 RDE - Walls, Columns & 9/F Slab - Zone B		16-Jul-18	31-Jul-18	16-Jul-18	31-Jul-18	0%	0%	0	4		<u> </u>	
A50920 RDE - Walls, Columns & 9/F Slab - Zone A		23-Jul-18	07-Aug-18	23-Jul-18	07-Aug-18	0%	0%	0	1			.
A50945 RDE - Walls, Columns & 10/F Slab - Zone B		01-Aug-18	16-Aug-18	01-Aug-18	16-Aug-18	0%	0%	0	1			_
A50940 RDE - Walls, Columns & 10/F Slab - Zone A		08-Aug-18	23-Aug-18	08-Aug-18	23-Aug-18	0%	0%	0				
A50955 RDE - Walls, Columns & 11/F Slab - Zone B		17-Aug-18	01-Sep-18	17-Aug-18	01-Sep-18	0%	0%	0				
A50950 RDE - Walls, Columns & 11/F Slab - Zone A	14	24-Aug-18	08-Sep-18	24-Aug-18	08-Sep-18	0%	0%	0				
RDE Building Temporary Works												
RD10090 Material Hoist Erection (Initial)	8	04-Jun-18	12-Jun-18	04-Jun-18	12-Jun-18	0%	0%	0	RD:	010090		
RDFF-10020 Fair Face Concrete Remedial Works - RDE 1/F	14	08-Jun-18	26-Jun-18	08-Jun-18*	26-Jun-18	0%	0%	0	1			
RDFF-10030 Fair Face Concrete Remedial Works - RDE 2/F	14	26-Jun-18	13-Jul-18	26-Jun-18	13-Jul-18	0%	0%	0	1			. !
RDFF-10040 Fair Face Concrete Remedial Works - RDE 3/F	14	13-Jul-18	30-Jul-18	13-Jul-18	30-Jul-18	0%	0%	0	1			.
RDFF-10050 Fair Face Concrete Remedial Works - RDE 4/F	14	30-Jul-18	15-Aug-18	30-Jul-18	15-Aug-18	0%	0%	0	1			
RDFF-10060 Fair Face Concrete Remedial Works - RDE 5/F		15-Aug-18	31-Aug-18	15-Aug-18	31-Aug-18	0%	0%	0	1			
RDFF-10070 Fair Face Concrete Remedial Works - RDE 6/F		31-Aug-18	17-Sep-18	31-Aug-18	17-Sep-18	0%	0%	0	1			
RDE Building FACADE Preliminaries	1 1	- 5										
BD DRAWING + DESIGN CALCULATION												
											<u></u>	<u>i</u>

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Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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Name: Five Weeks Rolling Programme (5WRP- (27 May to 02 Jun 2018) (CMWP 8D)					•										
D Activity Name	CMWP CMWP - F Dur. (D8") Star	R0 CMWP - R0 t (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		Мау 32		June 33		July 34		August 35
BD DRAWING + DESIGN CALCULATION - by PISA	, , , , ,	,					(',	30 07		3 04	11 18 2	25 02 09	16 23	3 30 06	13
	42 20 44 4	40 4 47	20.14 47.4	01.110	4000/	00.040/	222								
A54220 1st BD Submission Cast-in Embed for Window Wall & Louver at 15F to RF - Review & Approval	12 30-Mar-1	7 18-Apr-17	30-Mar-17 A	01-Jun-18	100%	98.01%	-332								
DE External Envelope															
RDE Structure		1.00													
A21260 RDE - Wall, Column & 7/F Slab Complete	0	06-Jul-18		06-Jul-18	0%	0%	0					₹ RDE	- Wall, Colun	nn & 7/F Slab C	Comple
FACADE INSTALLATION - by Permasteelisa															
NORTH ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)		1													
A21290 Handover of Working Area (after completion of 7/F Slab)	0	06-Jul-18		06-Jul-18	0%	0%	0					Hand	dover of Worl	king Area (after	rcomp
A21295 RDE - Survey & Setting Out G/F to 7/F (North Elevation)	13 06-Jul-18	20-Jul-18	06-Jul-18	20-Jul-18	0%	0%	0						-		
A21310 RDE - 2/F to 3/F Install Window Curtain Wall (2 wks per floor)	3 21-Jul-18	24-Jul-18	21-Jul-18	24-Jul-18	0%	0%	0							<u>i.</u>	
A21320 RDE - 3/F to 4/F Install Window Curtain Wall	3 04-Aug-18		04-Aug-18	07-Aug-18	0%	0%	0							-	1.
A21330 RDE - 4/F to 5/F Install Window Curtain Wall	3 18-Aug-18	21-Aug-18	18-Aug-18	21-Aug-18	0%	0%	0								
WEST ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)															
A21450 Handover of Working Area (after completion of 7/F Slab)	0	06-Jul-18		06-Jul-18	0%	0%	0					8 Hand	lover of Worl	king Area (after	rcomp
A64730 RDE - Survey & Setting Out G/F to 7/F (West Elevation)	13 06-Jul-18	20-Jul-18	06-Jul-18	20-Jul-18	0%	0%	0			1					. i
A21470 RDE - 2/F to 3/F Install Window Curtain Wall	3 25-Jul-18	27-Jul-18	25-Jul-18	27-Jul-18	0%	0%	0							4	
A21480 RDE - 3/F to 4/F Install Window Curtain Wall	3 08-Aug-18	10-Aug-18	08-Aug-18	10-Aug-18	0%	0%	0								
A21490 RDE - 4/F to 5/F Install Window Curtain Wall	3 22-Aug-18	24-Aug-18	22-Aug-18	24-Aug-18	0%	0%	0	1							
SOUTH ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)															
A21640 Handover of Working Area (after completion of 7/F Slab)	0	06-Jul-18		06-Jul-18	0%	0%	0					S Hand	dover of Worl	king Area (after	rcomp
A64740 RDE - Survey & Setting Out G/F to 7/F (South Elevation)	13 06-Jul-18	20-Jul-18	06-Jul-18	20-Jul-18	0%	0%	0								1
A21660 RDE - 2/F to 3/F Install Window Curtain Wall	3 28-Jul-18	31-Jul-18	28-Jul-18	31-Jul-18	0%	0%	0								
A21670 RDE - 3/F to 4/F Install Window Curtain Wall	3 11-Aug-18		11-Aug-18	14-Aug-18	0%	0%	0							r	Ė
A21680 RDE - 4/F to 5/F Install Window Curtain Wall	3 25-Aug-18		25-Aug-18	28-Aug-18	0%	0%	0								
EAST ELEVATION - Glazed Glass Curtain Wall (FC-WW-03a, 03b, 04, 05a & 05b)															
A21800 Handover of Working Area (after completion of 7/F Slab)	0	06-Jul-18		06-Jul-18	0%	0%	0			+		★ Hand	lover of Worl	king Area (after	r comp
A64750 RDE - Survey & Setting Out G/F to 7/F (East Elevation)	13 06-Jul-18	20-Jul-18	06-Jul-18	20-Jul-18	0%	0%	0								
A21820 RDE - 2/F to 3/F Install Window Curtain Wall	3 01-Aug-18		01-Aug-18	03-Aug-18	0%	0%	0								
A21830 RDE - 3/F to 4/F Install Window Curtain Wall	3 15-Aug-18		15-Aug-18	17-Aug-18	0%	0%	0								
A21840 RDE - 4/F to 5/F Install Window Curtain Wall	3 29-Aug-18		29-Aug-18	31-Aug-18	0%	0%	0								-
FACADE INSTALLATION - by ISP		92.188.20	25 7108 25	33.188.50	4,1-			l							
SOUTH ELEVATION - Facade Mesh Balustrade (FC-BA-02)															
A22020 RDE - 2/F Install Facade Mesh Balustrade (FC-BA-02)	10 04-Aug-18	15-Aug-18	04-Aug-18	15-Aug-18	0%	0%	0								_
A22030 RDE - 3/F Install Facade Mesh Balustrade (FC-BA-02)	10 18-Aug-18		18-Aug-18	29-Aug-18	0%	0%	0								T,
DE Tower ABWF & Building Services (GF - 15M/F & UR/F)	10 10-Aug-10	23-Aug-10	10-Aug-10	23-Aug-10	0/0	070	· ·								
DE Tower GF - 14F, Excluding 2F, 5F, 15F & 15MF															
	06 07 lun 10	17 Con 10	07-Jun-18	17-Sep-18	00/	00/	0			<u> </u>		11 1		1 1	
	86 07-Jun-18	17-Sep-18		-	0%	0%	-					- :			
RDE-10120 3/F - ABWF / MEP Installation (Similar working procedures as 2/F)	94 28-Jun-18		28-Jun-18	19-Oct-18	0%	0%	0					1 1		1 1	:
RDE-10130 4/F - ABWF / MEP Installation (Similar working procedures as 2/F)	94 16-Jul-18	05-Nov-18	16-Jul-18	05-Nov-18	0%	0%	0								7
RDE-10150 6/F - ABWF / MEP Installation (Similar working procedures as 5/F)	85 17-Aug-18	27-Nov-18	17-Aug-18	27-Nov-18	0%	0%	0								
Foilets (GL 2'-3'/H')															
AS-RDE-10270 Access for ABWF/MEP Installation (Linked from 5/F Slab Cast date)	0 15-Jun-18		15-Jun-18		0%	0%	0				Access for	r ABWF/MEP II	nstallation (L	inked from 5/F	\$lab C
AW-RDE-1073 ABWF - Block Wall	13 15-Jun-18		15-Jun-18	30-Jun-18	0%	0%	0				-	_	<u> </u>		
BS-RDE-10510 MEP - Low Level P&D Pipework, H/L 1st/2nd Fix	13 03-Jul-18	17-Jul-18	03-Jul-18	17-Jul-18	0%	0%	0								
AW-RDE-1074 ABWF - Waterproofing/Water Test	7 18-Jul-18	25-Jul-18	18-Jul-18	25-Jul-18	0%	0%	0								
AW-RDE-1075 ABWF - Floor screeding / Wall Plastering/ Tiling	19 26-Jul-18	16-Aug-18	26-Jul-18	16-Aug-18	0%	0%	0								-
AW-RDE-1076 ABWF - Ceiling Grid/Ceilng Panel with Service Openings	7 17-Aug-18	24-Aug-18	17-Aug-18	24-Aug-18	0%	0%	0	1							
BS-RDE-10520 MEP Dropper	3 25-Aug-18	28-Aug-18	25-Aug-18	28-Aug-18	0%	0%	0	1							
AW-RDE-1077 ABWF - Ceiling Close up / Ceiling Finish	7 29-Aug-18	05-Sep-18	29-Aug-18	05-Sep-18	0%	0%	0								
FOH (GL 2'-6'/G'-J') (including lobby)													-1		
AS-RDE-10310 Access for ABWF / MEP / Fit-out Installation (Linked from 5/F Slab Cast date)	0 15-Jun-18		15-Jun-18		0%	0%	0	1			Access for	r ABWF / MEP	/ Fit-out Inst	tallation (Linked	d from
AW-RDE-1091 ABWF - Block Wall	13 15-Jun-18	30-Jun-18	15-Jun-18	30-Jun-18	0%	0%	0	1							
BS-RDE-10630 MEP Installation H/L 1st Fix	19 23-Jun-18		23-Jun-18	17-Jul-18	0%	0%	0	1				7i i	<u> </u>	- 11 1	1

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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ID A	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	-	32	-		33	_	34		Aug	gust 35
			Dur.	(Do) Start	(Do) FINISN	Forecast Start	FIIIISN	% Complete	Complete	(+/-0)	30 07	14	21 28	04	11 18	25	02 09 16	3 23 3	30 06 1	13 2
BS-RDE-10640 N	MEP - 2nd fix include cabling and wiring		19	05-Jul-18	27-Jul-18	05-Jul-18	27-Jul-18	0%	0%	0							-			
AW-RDE-1096 F	Facde Completion and watertight		0		27-Jul-18		27-Jul-18	0%	0%	0								💲 Fa	cde Completio	on and
AW-RDE-1093 A	ABWF - Ceiling Frame		13	27-Jul-18	11-Aug-18	27-Jul-18	11-Aug-18	0%	0%	0	1									
BS-RDE-10650 N	MEP Dropper - FS dropper / Electrical Flexible / wiring		13	03-Aug-18	18-Aug-18	03-Aug-18	18-Aug-18	0%	0%	0	1								$\dot{=}$	<u>=</u>
AW-RDE-1094 A	ABWF - Ceiling Close Up		7	11-Aug-18	20-Aug-18	11-Aug-18	20-Aug-18	0%	0%	0									<u> </u>	
BS-RDE-10660 N	MEP - Final Fix		13	18-Aug-18	03-Sep-18	18-Aug-18	03-Sep-18	0%	0%	0										
(itchen (GL 1'-2	t'/G'-J')											†***		++						
AS-RDE-10280 A	Access for ABWF / MEP / Fit-out Installation (Linked from	m 5/F Slab Cast date)	0	15-Jun-18		15-Jun-18		0%	0%	0	1				Acces	ss for ABW	/F / MEP / Fit-o	ut Installati	on (Linked fro	om 5/F
	ABWF - Dry Wall stud		7	15-Jun-18	23-Jun-18	15-Jun-18	23-Jun-18	0%	0%	0					Ť	•				Ī
	MEP Installation 1st Fix		19	15-Jun-18	10-Jul-18	15-Jun-18	10-Jul-18	0%	0%	0						-: :				
	Facde Completion and watertight		0	15 7411 10	10-Jul-18	13 3411 10	10-Jul-18	0%	0%	0	-	1 1			- T		♦ Facde (Completion	and water tigh	ht
	ABWF - Close Dry Wall			10-Jul-18	18-Jul-18	10-Jul-18	18-Jul-18	0%	0%	0	 -	+					- Tatue	Completion	andiwatertign	
	,			30-Jun-18	24-Jul-18	30-Jun-18	24-Jul-18	0%	0%	0	-					1	1			
	MEP - 2nd fix include cabling and wiring					***************************************		0%	***		-					1 1	1 1	7		
	ABWF - Ceiling Frame			24-Jul-18	01-Aug-18	24-Jul-18	01-Aug-18	4,1	0%	0	1								<u>'</u>	
	MEP Dropper - FS dropper / Electrical Flexible / wiring			01-Aug-18	09-Aug-18	01-Aug-18	09-Aug-18	0%	0%	0	-									
	ABWF - Ceiling Close Up			01-Aug-18	09-Aug-18	01-Aug-18	09-Aug-18	0%	0%	0	ļ	4								
	MEP - Final Fix		13	09-Aug-18	24-Aug-18	09-Aug-18	24-Aug-18	0%	0%	0	1									
	Ready for T&C (FS)		0		24-Aug-18		24-Aug-18	0%	0%	0										
	ABWF - Wall Final Finish		13	24-Aug-18	08-Sep-18	24-Aug-18	08-Sep-18	0%	0%	0										
E Room (GL 2																				
	Acces for ABWF / MEP Installation (Linked from 5/F Sla	b Cast date)		15-Jun-18		15-Jun-18		0%	0%	0	1	<u>.ii</u>			Acces	s for ABW	F / MEP Installa	tion (Linked	from 5/F Slal	b Ca
S-RDE-10260 A	ABWF - Ceiling/Walll Sealer		5	15-Jun-18	21-Jun-18	15-Jun-18	21-Jun-18	0%	0%	0] "	1 1		1 1						
S-RDE-10220 N	MEP - 1st Fix		25	22-Jun-18	21-Jul-18	22-Jun-18	21-Jul-18	0%	0%	0								-		
-RDE-10230 N	MEP - 2nd & Final Fix		27	23-Jul-18	22-Aug-18	23-Jul-18	22-Aug-18	0%	0%	0										=
N-RDE-1072 A	ABWF - Door / Ironmonargies		2	23-Aug-18	24-Aug-18	23-Aug-18	24-Aug-18	0%	0%	0	1									
V Room (GL 3	3'-A'-B')																			
S-RDE-10230 A	Access for ABWF/MEP Installation (Linked from 5/F Slab	b Cast date)	0	15-Jun-18		15-Jun-18		0%	0%	0		1		1	Acces	ss for ABW	/F/MEP Installa	tion (Linked	from 5/F \$lab	b Cas
V-RDE-1070 A	ABWF Sealer paint		3	15-Jun-18	19-Jun-18	15-Jun-18	19-Jun-18	0%	0%	0										
-RDE-10490 N	MEP 1st / 2nd Fix		13	20-Jun-18	05-Jul-18	20-Jun-18	05-Jul-18	0%	0%	0										
	ABWF-Door / Ironmongaries		3	06-Jul-18	09-Jul-18	06-Jul-18	09-Jul-18	0%	0%	0	1									
	MEP - ELV- Equipment Rack / Cabling / Connection		27	10-Jul-18	09-Aug-18	10-Jul-18	09-Aug-18	0%	0%	0	1									
	Ready for ELV system T&C		0		10-Aug-18		10-Aug-18	0%	0%	0	 	++		+					Rea	adv fo
	Corridor @GL 4'/G'				10 /105 10		10 / 10 10	0,0	0,0	Ü									\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,
	Access for ABWF/MEP Installation (Structure and Non si	tructure BC Wall Completed	0	15-Jun-18		15-Jun-18		0%	0%	0					• 1000	ce for ARM	/F/MEP Installa	tion (Structu	uro and Non et	
		tructule NC Wall Completed)			22 Jun 19		23-Jun-18	0%	0%	0	-				Acces	SSTOLADVI	rr/ivicr ilistalia	tion (struct	are and ivoir si	truci
	ABWF - Floor Screeding, Wall/Ceiling 1st coat MEP - 1st / 2nd Fix Installation			15-Jun-18 25-Jun-18	23-Jun-18 24-Jul-18	15-Jun-18 25-Jun-18	23-Jun-18 24-Jul-18	0%	0%	0	1							<u> </u>		
										0	 -	÷								
	ABWF-FR Ceiling Frame			25-Jul-18	08-Aug-18	25-Jul-18	08-Aug-18	0%	0%		-								T.	_
S-RDE-11770 N				09-Aug-18	16-Aug-18	09-Aug-18	16-Aug-18	0%	0%	0	1									4
N-KDE-1264 A	ABWF-FR Ceiling Close-up		13	17-Aug-18	31-Aug-18	17-Aug-18	31-Aug-18	0%	0%	0										7
						, 						1 1								
	ELV Room (5F) at GL3'/A'-B' (similar working procedure			01-Aug-18	21-Sep-18	01-Aug-18	21-Sep-18	0%	0%	0	ļi	4i		4		44.				
	ELE Room (5F) at GL2'-3'/H' (similar working procedures			01-Aug-18	09-Oct-18	01-Aug-18	09-Oct-18	0%	0%	0	1									7
	FS Lift Lobby & Corridor (5F) at GL4'/G' (similar working			01-Aug-18	15-Oct-18	01-Aug-18	15-Oct-18	0%	0%	0										7
	Toilets (5F) at GL2'-3'/H' (similar working procedures as	s 2/F)	84	01-Aug-18	09-Nov-18	01-Aug-18	09-Nov-18	0%	0%	0										7
H (GL 1'-2'/G'	'-H', 1'-2'/G'-J', 5'-6' & 2'-5'/H'-J') (including lobby)																			
S-RDE-10380 A	Access for ABWF / MEP / Fit-out Installation (Linked from	m 8/F Slab Cast date)	0	01-Aug-18		01-Aug-18		0%	0%	0]								Access for A	ABWI
S-RDE-10810 N	MEP Installation H/L 1st Fix		19	01-Aug-18	22-Aug-18	01-Aug-18	22-Aug-18	0%	0%	0										-
S-RDE-10800 N	MEP - 2nd fix include cabling and wiring		19	10-Aug-18	01-Sep-18	10-Aug-18	01-Sep-18	0%	0%	0	1									Ħ,
& SPS Cor	nstruction																			
Dates												1 1								
	SPS and ICP (Portion A & B) - Full Access to Park Contrac	ctor	0		15-Aug-18		15-Aug-18	0%	0%	0									*	SPS
	Practical Completion of ICP & Obtain OP		0		31-Aug-18		31-Aug-18	0%	0%	0	t	++		++		+			 +×	
.610 P																				

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	to 02 Jun 2018) (CMWP 8D)																
Ď	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32 14 21 2	June 33	40 25 02	July 34 09 16 :	22 20 0	Augus 35	st
A32220	SPS - Install GRC Architectural Louvre & Bracket	6	21-Aug-17	28-Aug-17	21-Jul-17 A	05-Jun-18	100%	35.71%	-227	30 07	14 21 4	28 04 11	16 25 02	09 10	25 30 00	3 13	+
A56570	SPS - Final Fix & Facade Final Cleaning	5	06-Jun-18	11-Jun-18	06-Jun-18	11-Jun-18	0%	0%	0								
P WORKS	(Interfacing Car Park)																
I+ ICP Accel	erated Works Programme																
M+ ICP KD 8	R MS																
ICP-M01	Obtain OP for works within the ICP (TOP)	0		25-Jun-18		25-Jun-18*	0%	0%	0	-			Obtain C	P for works withi	in the ICP (TOF	2),	
A1010	ICP Remaining Works Duration	278	12-Jan-18	16-Oct-18	01-Oct-17 A	31-Aug-18	50.4%	66.86%	46								ė
A1020	Practical Completion	0		31-Aug-18		31-Aug-18	0%	0%	0	1			-				
ICP-M02	Achieve Practical Completion of all Works within the ICP	0		31-Aug-18		31-Aug-18*	0%	0%	0								
Civil Works												/					
A2160	BA 14 Acknowledgement by BD	22	22-May-18	13-Jun-18	10-May-18 A	16-Jun-18*	41.96%	30%	-3	2160							
A2140	Construct Retaining Wall "E"	100	21-May-18	18-Sep-18	15-May-18 A	31-Jul-18	8.64%	50%	41	A2140						<u> </u>	╧
A2150	BA14 Submission for Retaining Walls & Drainage	0	,	01-Aug-18	· ·	01-Aug-18	0%	0%	0	 		<u> </u>		† 	BA14	Submiss	sion
Builders wo	rks - Level B1																
	k Parking Areas																
A1030	Blockwall + Plastering (Around cavity walls)	47	03-Oct-17	29-Nov-17	01-Oct-17 A	04-Jun-18	100%	95%	-148	-	-	.					
Major Plant																	
A1110	Blockwall + Plastering and Painting _ Clear Wtr/Flush Wtr Pump Rm & Security Rm (9, 10)	13	07-Dec-17	22-Dec-17	07-Dec-17 A	01-Jun-18	100%	95%	-126			.					
A1105	Blockwall + Plastering and Painting _ FS Pump Rm (8)	13	07-Dec-17	22-Dec-17	07-Dec-17 A	01-Jun-18	100%	95%	-126								
A1100	Blockwall + Plastering and Painting _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr Cab. (6, 7)	18	13-Dec-17	05-Jan-18	13-Dec-17 A	01-Jun-18	100%	95%	-117	- : :	- 1 1						
A1220	Floor Screeding	19	22-Jan-18	12-Feb-18	08-Jan-18 A	01-Jun-18	100%	95%	-85			•					
A1120	Blockwall + Plastering and Painting _ Intake & Ex. Fan Rm 1 (6)	58	13-Oct-17	20-Dec-17	13-Oct-17 A	02-Jun-18	100%	97%	-129								
11120	Blockwall + Plastering and Painting _ Emer. Generator Set Rm (13)	65	13-Oct-17	30-Dec-17	13-Oct-17 A	02-Jun-18	100%	97%	-122	ii.		.		· -			
1230	Cleaning and protections	7	04-Jun-18	13-Jun-18	04-Jun-18	13-Jun-18	0%	0%	0								
taircase &			04-3011-18	13-3011-10	04-3011-18	13-7011-18	0/6	078	0			1 - 1					
A1180	Builders Works of ST-03 and Finishes	16	13-Nov-17	30-Nov-17	13-Nov-17 A	04-Jun-18	100%	84%	-147	1 1							-
A1170	Builders Works of ST-02 and Corridor area + Finishes	36	03-Oct-17	15-Nov-17	01-Oct-17 A	07-Jun-18	100%	84%	-163								
1200	Builders Works of ST-04 and Corridor area + Finishes	46	13-Nov-17	09-Jan-18	13-Nov-17 A	09-Jun-18	100%	84%	-103					·			-
A1190	Builders Works of 31-04 and contradict area + Finishes Builders Works at Lift Lobby (Except ceiling)	31	02-Mar-18	12-Apr-18	19-Feb-18 A	05-Jul-18	100%	10%	-69			1 1					- 1
	rks - Level B2	31	02-IVId1-16	12-Api-16	15-FED-18 A	03-301-18	100%	10%	-05								
lajor Plant																	
A1470		22	23-Nov-17	19-Dec-17	23-Nov-17 A	02-Jun-18	100%	95%	-130	1 1							
1420	Blockwall + Plastering and Painting _Storage Rm (5A) Blockwall + Plastering and Painting _ELV Rm and ICT (4, 5)	29	23-Nov-17	29-Dec-17	23-Nov-17 A 23-Nov-17 A	02-Jun-18	100%	95%	-130	i		L		·			-i
1420	Blockwall + Plastering and Painting _ ELV Riff and ICT (4, 5) Blockwall + Plastering and Painting _ Intake Fan Rm 2 (5)	17	07-Dec-17	29-Dec-17 28-Dec-17	07-Dec-17 A	02-Jun-18	100%	90%	-123	- : :	1 1						1
1410	Blockwall + Plastering and Painting _ Intake Fan Rm 2 (5) Blockwall + Plastering and Painting _ Exhuast Fan Rm 3 (1)		23-Nov-17	19-Dec-17	23-Nov-17 A	02-Jun-18	100%	90%	-124								
taircase &		22	23-INOV-17	19-Det-17	23-NOV-17 A	04-Juli-18	100%	90%	-151			П					
		43	02.5-1-40	20 5-1-40	02 1 40 4	01 1 10	4000/	050/	76	1 1							
1450	Builder Works of ELE Room and Lift Lobby (Except ceiling)(2)	17	03-Feb-18	26-Feb-18	02-Jan-18 A	01-Jun-18	100%	95%	-76			<u> </u>					
1430	Builder Works of ST-04 and Corridor area + Finishes	16	28-Dec-17	16-Jan-18	28-Dec-17 A	04-Jun-18	100%	84%	-110	- : :							
1440	Builder Works of ST-03 and Finishes Builder Works of ST-02 and Corridor area + Finishes	16	16-Jan-18	02-Feb-18 28-Feb-18	29-Dec-17 A	04-Jun-18	100%	84% 84%	-95								
1460 ea A - GL		19	03-Feb-18	28-reb-18	05-Jan-18 A	04-Jun-18	100%	84%	-76			П					
\1250	Floor Screeding + Protection	10	23-Mar-18	07-Apr-18	17-Mar-18 A	02-Jun-18	100%	95%	-45			T .		444-			
rea B - GL												11 1 1					
1290	Floor Screeding + Protection	10	23-Apr-18	04-May-18	02-Apr-18 A	01-Jun-18	100%	95%	-23	7		11 1 1					
rea C - GL					, , , , , , , , , , , , , , , , , , , ,					/ : :							
1330	Floor Screeding + Protection	8	23-Apr-18	02-May-18	16-Apr-18 A	02-Jun-18	100%	85%	-25			Ti i i					
rea D - GL												<u> </u>					
1370	Floor Screeding + Protection	7	08-Jun-18	16-Jun-18	08-Jun-18	16-Jun-18	0%	0%	0	_		370					
tting out v																	1
1840	FS Shutter Installation	28	19-Apr-18	24-May-18	19-Feb-18 A	04-Jun-18	100%	90%	-9								
1850	Fire damper & Enclosure Installation	21	09-Apr-18	04-May-18	02-Apr-18 A	06-Jun-18*	100%	80%	-27								-
1830	FRR Ceiling & Door Installation (door frames installation)	44	17-May-18	11-Jul-18	02-Apr-18 A	11-Jun-18	26.5%	80%	24					+			
A1640	Wall and Ceiling finishes _ PAINTING + Road marking B1	28	14-Mar-18	19-Apr-18	09-Feb-18 A	21-Jun-18	100%	40%	-51				•				- [
1650	Wall and Ceiling finishes _ PAINTING + Road marking B2	30	09-Mar-18	18-Apr-18	09-Feb-18 A	23-Jun-18*	100%	40%	-54				🚐 i - Ii -	1 1 1	11 1	;	- 1

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	02 Jun 2018) (CMWP 8D)			_	_		-		-	
y ID	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	e May June July August
			1	1						30 07 14 21 28 04 11 18 25 02 09 16 23 30 06 13 2
A1660	Final Builders installations including doors and Road Signages	50	22-Jun-18	20-Aug-18	12-May-18 A	05-Jul-18	0%	45%	39	
A1670	Ceiling Installation	67	01-Jun-18	20-Aug-18	12-May-18 A	05-Jul-18	0%	58%	39	
Building Serv	rices									
MEP Installa	tion - 1st fix									
B1/F										
A1860	MEP 1st Fix _ Ex. Fan 2 (17)	50	19-Jan-18	09-Mar-18	19-Jan-18 A	05-Jun-18	100%	90%	-88	
A1910	MEP 1st Fix _ FS Pump Rm (8)	50	04-Apr-18	24-May-18	09-Mar-18 A	05-Jun-18	100%	90%	-12	
A1920	MEP 1st Fix _ Intake ex. Fan Rm (6)	50	19-Jan-18	09-Mar-18	19-Jan-18 A	05-Jun-18	100%	90%	-88	
A1525	B1 Parking Areas - MEP 1st Fix	80	19-Jan-18	30-Apr-18	15-Jan-18 A	05-Jun-18	100%	95%	-29	
A1915	MEP 1st Fix _ Clear Wtr/Flush Wtr Pump Rm & Security Rm (9, 10)	55	09-Feb-18	23-Apr-18	09-Feb-18 A	07-Jun-18	100%	90%	-37	
A1865	MEP 1st Fix _ Sprinker Room (17)	55	19-Jan-18	28-Mar-18	19-Jan-18 A	07-Jun-18	100%	90%	-55	
A1890	MEP 1st Fix _ Emer. Generator Set Room (13)	55	09-Feb-18	23-Apr-18	09-Feb-18 A	07-Jun-18	100%	90%	-37	
A1900	MEP 1st Fix _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr Cab. (6, 7)	55	03-Apr-18	09-Jun-18	23-Mar-18 A	07-Jun-18	87.1%	90%	2	
A1880	MEP 1st Fix _ ELV Room and ICT at B1 (14, 15)	50	19-Jan-18	09-Mar-18	19-Jan-18 A	08-Jun-18	100%	85%	-91	
B2/F										
A2000	MEP 1st Fix _ Exhuast Fan Room 3 (1)	48	16-Mar-18	02-May-18	12-Mar-18 A	05-Jun-18	100%	90%	-34	
A2030	MEP 1st Fix _ Intake Fan Room (5)	48	12-Mar-18	28-Apr-18	12-Mar-18 A	05-Jun-18	100%	90%	-38	
A2020	MEP 1st Fix _ Storage Room (5A)	48	12-Mar-18	28-Apr-18	12-Mar-18 A	15-Jun-18	100%	70%	-47	
A2010	MEP 1st Fix _ ELV Room and ICT (4, 5)	53	16-Mar-18	24-May-18	12-Mar-18 A	20-Jun-18	100%	70%	-23	
MEP Installa	tion - 2nd fix						,			
B1/F										
A1970	MEP 2nd Fix _ FS/Spr. inlet cab., FS Control Ctr & Water Mtr Cab. (6, 7)	24	06-Jun-18	30-Jun-18	29-Mar-18 A	05-Jun-18	0%	80%	25	
A1980	MEP 2nd Fix _ FS Pump Rm (8)	22	29-May-18	21-Jun-18	19-Apr-18 A	06-Jun-18	10.36%	75%	14	
A1565	B1 Parking Areas - MEP 2nd Fix	22	25-May-18	16-Jun-18	02-May-18 A	06-Jun-18	28.57%	75%	10	
A1930	MEP 2nd Fix _ Ex. Fan (17)	24	26-May-18	19-Jun-18	22-Apr-18 A	06-Jun-18	21.83%	75%	13	
A1990	MEP 2nd Fix _ Intake ex. Fan Rm (6)	24	16-May-18	09-Jun-18	21-Apr-18 A	06-Jun-18	63.17%	75%	3	
A1985	MEP 2nd Fix _ Clear Wtr/Flush Wtr Pump Rm & Security Rm (9, 10)	27	28-Apr-18	01-Jun-18	27-Mar-18 A	08-Jun-18	98.92%	75%	-6	
A1945	MEP 2nd Fix _ Switch Room (12)	27	23-Mar-18	27-Apr-18	16-Mar-18 A	08-Jun-18	100%	75%	-34	
A1935	MEP 2nd Fix _ Sprinker Room (17)	27	23-Apr-18	26-May-18	26-Mar-18 A	08-Jun-18	100%	75%	-11	
A1555	B1 Drive Way - MEP 2nd Fix	27	16-Mar-18	20-Apr-18	12-Mar-18 A	09-Jun-18	100%	70%	-41	
A1950	MEP 2nd Fix _ ELV Room and ICT at B1 (14, 15)	24	24-May-18	17-Jun-18	21-Apr-18 A	12-Jun-18	30.33%	50%	5	
A1960	MEP 2nd Fix _ E. Generator Set Room (13)	27	07-Jun-18	10-Jul-18	19-May-18 A	16-Jun-18	0%	50%	18	
B2/F										
A1560	Area A - MEP 2nd Fix		27-Apr-18	31-May-18	09-Apr-18 A	13-Jun-18	100%	60%	-11	
A1570	Area B - MEP 2nd Fix	27	04-May-18	06-Jun-18	19-Apr-18 A	13-Jun-18	84.17%	60%	-6	
A1580	Area C - MEP 2nd Fix	27	27-Apr-18	31-May-18	09-Apr-18 A	13-Jun-18	100%	60%	-11	
A1590	Area D - MEP 2nd Fix	27	28-Apr-18	31-May-18	03-Apr-18 A	13-Jun-18	100%	60%	-11	
A2040	MEP 2nd Fix _ Exhuast Fan Room 3 (1)	24	04-Jun-18	28-Jun-18	19-Apr-18 A	15-Jun-18	0%	40%	13	
A2070	MEP 2nd Fix _ Intake Fan Room (5)	24	25-May-18	18-Jun-18	25-Apr-18 A	17-Jun-18	25.83%	30%	1	
A2060	MEP 2nd Fix _ Storage Room (5A)	24	15-Jun-18	09-Jul-18	30-May-18 A	20-Jun-18	0%	20%	19	A2060
A2050	MEP 2nd Fix _ ELV Room and ICT (4, 5)	27	13-Jun-18	16-Jul-18	15-May-18 A	20-Jun-18	0%	40%	21	A2050
Overall MEP	T&C									
A1600	Test & Commissioning for all MEP system	28	06-Jun-18	03-Jul-18	15-May-18 A	24-Jun-18*	0%	15%	9	
Lift Installat					,					
A1610	Lift Installation	48	22-Mar-18	09-May-18	15-Mar-18 A	10-Jun-18	100%	80%	-32	
ICP Statutory				,			,			
A2170	Direct Link Complete (By PCCW)	0		15-Jun-18		15-Jun-18*	0%	0%	0	Direct Link Complete (By PCCW),
EMSD										
A1620	LE5 Submission	0		10-Jun-18		10-Jun-18	0%	0%	0	LE5 Submission,
A1630	Issue of use permit	17	10-Jun-18	27-Jun-18	10-Jun-18*	27-Jun-18	0%	0%	0	
FSD										
	ding Roof Landscaping Works)									
A2090	FSD inspection	18	13-Jun-18	06-Jul-18	13-Jun-18	06-Jul-18	0%	0%	0	
A2130	Issuance of FS Certificate	0		06-Jul-18		06-Jul-18	0%	0%		

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	2018) (CMWP 8D)			100000							· ·				
) Activity I	Name	Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		32	33	1e 3	34 5 02 00 16	35 23 30 06 13 2
OP										30 07	14 21 1	0 04 11	10 20	02 09 10	23 30 00 13 2
A1677 Submiss	sion of Form FS501 for FSD inspection	0	09-Jul-18		09-Jul-18*		0%	0%	0					Submissi	on of Form FS\$01 for FSD inspe
A1680 FSD insp			21-Jul-18	06-Aug-18	21-Jul-18	06-Aug-18	0%	0%	0	1				Y	
	e of FS Certificate	0		06-Aug-18		06-Aug-18	0%	0%	0	1					Issuance of F
WSD		-		******			4,1					1	+		+
Portable Water															
	ater Sample Report (Portable Water)	12	04-May-18	18-May-18	02-May-18 A	15-Jun-18	100%	0%	-23						
	te meter installation & water main connection (Portable Water)		01-Jun-18	22-Jun-18	25-May-18 A	22-Jun-18*	0%	0%	0		A1770	1 1	-		
	· · · · · · · · · · · · · · · · · · ·		01-Juli-18		25-IVIdy-16 A	03-Jul-18	0%	0%	0	-	A1770	1 1	\blacksquare	•	
FS Water	5 Part V Submission (Portable Water)	0		03-Jul-18		03-Jul-18	0%	0%	U			1		WWU46 Part V	/ Submission (Portable Water
,															
A1790 WSD Ins	•		04-May-18	16-May-18	03-May-18 A	13-Jun-18	100%	0%	-23					.	
	ater Sample Report (FS Water)	12	13-Jun-18	29-Jun-18	13-Jun-18	29-Jun-18	0%	0%	0	1		 	1 1		
A1810 WWO46	5 Part V Submission (FS Water)	0		16-Jul-18		16-Jul-18	0%	0%	0					\$ w	WO46 Part V Submission (FS
A1820 Complet	te meter installation & water main connection (FS Water)	22	16-Jul-18	07-Aug-18	16-Jul-18	07-Aug-18*	0%	0%	0				<u> </u>		
O submission															
1690 OP Inspe	ection	19	12-Aug-18	31-Aug-18	12-Aug-18	31-Aug-18*	0%	0%	0						
2080 Achieve	OP Certificate and Practical Completion of all works within the ICP	0		31-Aug-18		31-Aug-18*	0%	0%	0						
Area Completion and	d Handover Programme														
estone Dates															
.MS.02 IPA-02 C	Complete HCC scope and Ready for Handover to SFK - Area A	0		04-Jul-18		04-Jul-18*	0%	0%	0			1 1	1	PA-02 Cpmpl	ete HCC scope and Ready for I
A.MS.03 IPA-03 C	Complete HCC scope and Ready for Handover to SFK - Area C	0		12-Jul-18		12-Jul-18*	0%	0%	0					11 1 1 1	Complete HCC scope and Rea
O Area															
A.AC.190 Construc	ct CSO footprint	49	12-Jun-18	09-Aug-18	12-Jun-18	09-Aug-18*	0%	0%	0	1	IP	A A¢.190	<u> </u>	1 1 1	
Area A - Earth work	·														
onstruction of IPA w	orks												+		++
PA.AA.330 Construc		5	06-Jun-18	11-Jun-18	06-Jun-18	11-Jun-18	0%	0%	0	-					
	ct fire mains	20	06-Apr-18	28-Apr-18	06-Apr-18 A	25-Jun-18	100%	20%	-46						
		20	10-Apr-18	03-May-18	22-Mar-18 A	25-Jun-18	100%	90%	-43			1 1			
	ct drainage, catch pits & UC		-									1 1			
	ct Cable ducts & Draw pits i.e ICT, ELV, FTNS, lighting etc	20	10-Apr-18	03-May-18	22-Mar-18 A	25-Jun-18	100%	90%	-43	ij	ii	ii	<u>.ii</u>		
	ct district wide CLP cable ducts & Draw pits		11-Apr-18	04-May-18	02-Apr-18 A	25-Jun-18	100%	10%	-42			1 1			
	ct light ducts & pole footings	-	10-Apr-18	03-May-18	22-Mar-18 A	25-Jun-18	100%	90%	-43	-		1		_	
A.AA.360 Construc	ct irrigation system	20	06-Jun-18	29-Jun-18	06-Jun-18	29-Jun-18	0%	0%	0				: :	1	
PA.AA.370 Construc	ct main path & secondary path	20	06-Jun-18	29-Jun-18	06-Jun-18	29-Jun-18	0%	0%	0					1	
PA.AA. 390 Construc	ct fencing	20	08-Jun-18	03-Jul-18	08-Jun-18	03-Jul-18	0%	0%	0						
PA.AA.420 Complet	te HCC scope and Ready for Handover of Area A to Park Contractor	0		04-Jul-18		04-Jul-18	0%	0%	0					Complete HC0	scope and Ready for Handov
Area B - Earthwork															
ear up & water proof	fing ICP & use as facade yard (High level - South)														
A.AB.90 Clear up	Area B	5	08-Jun-18	13-Jun-18	08-Jun-18	13-Jun-18	0%	0%	0	1	IPA.	.90			
ckfill to future form	ation level														
A.AB.100 Install A	SC block and RC encase	9	17-Apr-18	26-Apr-18	09-Apr-18 A	11-Jun-18	100%	80%	-37				T	1	T
A.AB.120 Backfill			04-May-18	26-May-18	06-Apr-18 A	23-Jun-18	100%	20%	-23			+ +	-		
nstruction of UU			,	., .,											
A.AB.130 Construe	ct drainage, catch pits & UC	28	25-Jun-18	27-Jul-18	25-Jun-18	27-Jul-18	0%	0%	0	1			_	<u> </u>	<u></u>
	ct district wide CLP Cable ducts & Draw pits		20-Jul-18	21-Aug-18	20-Jul-18	21-Aug-18	0%	0%	0	1		1		ı	
	ct light ducts & pole footings		03-Aug-18	27-Aug-18	03-Aug-18	27-Aug-18 27-Aug-18	0%	0%	0	 		-	+		
	ct CLP cable ducts & Draw pits Southside		28-Aug-18	19-Sep-18	28-Aug-18	19-Sep-18	0%	0%	0	-					
Area C - Earthwork	Li Cali Cabile ducts & Diaw pits 30 utibilite	20	20-Mug-10	12-2ch-19	20-MUG-10	12-26h-19	U76	0/0	U						
ackfill of soil as per t													_		
	to design profile (deferred area)	10	26-Jun-18	07-Jul-18	26-Jun-18	07-Jul-18	0%	0%	0			<u> </u>			
enstruction of Storm												N			
etween SE2.7 - DM5	2C (~39m)											11			
	manhole SE2 7 & DM52C	1	07-Jun-18	07-Jun-18	19-May-18 A	01-Jun-18	0%	50%	5	IPA.AC.11	, 🗰	1			
IPA.AC.110 Plug off	manior see, a sinse	1								1 3 3	1 1				
IPA.AC.110 Plug off IPA.AC.90 Install 1		3	02-Jun-18	05-Jun-18	19-May-18 A	04-Jun-18	0%	50%	1	IPA.AC.9	1 1				

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to	02 Jun 2018) (CMWP 8D)																	<u> </u>		
tivity ID	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		лау 32		June 33			July 34		At	August 35
IDA ACEO	Install sheet piles		4	04-May-18	08-May-18	23-Apr-18 A	05-Jun-18	100%	50%	-23	30 07	14 21	28 04	11	18 25	5 02	09 16	23	30 06	13 20
	· · · · · · · · · · · · · · · · · · ·							0%												
IPA.AC.100			1	05-Jun-18	05-Jun-18	05-Jun-18	05-Jun-18		0%	0	1 1	IPA.AG	10							
	Excavate & install 1st strut		3	03-May-18	05-May-18	24-Apr-18 A	06-Jun-18	100%	50%	-26	7:	1 1								
	Excavate & install 2st strut		3	04-May-18	07-May-18	25-Apr-18 A	07-Jun-18	100%	50%	-26	7	1 1								
	Excavate to formation & SRT & blinding		2	05-May-18	07-May-18	26-Apr-18 A	08-Jun-18	100%	50%	-27				44		4			ļļļ.	,l
II	n of Sewer Drain																			
	72.1E - SM19												11 _	1						
	Install sheet piles		4	07-Jun-18	11-Jun-18	07-Jun-18	11-Jun-18	0%	0%	0			\	7_ :						
	Excavate & install ELS (1st layer)		3	12-Jun-18	14-Jun-18	12-Jun-18	14-Jun-18	0%	0%	0				-						
	Exavate to formation & SRT & blinding		2	15-Jun-18	16-Jun-18	15-Jun-18	16-Jun-18	0%	0%	0									1	ļ
IPA.AC.180	Install 300DI pipes		2	19-Jun-18	20-Jun-18	19-Jun-18	20-Jun-18	0%	0%	0										
IPA.AC.200	Testing		1	21-Jun-18	21-Jun-18	21-Jun-18	21-Jun-18	0%	0%	0					1					
IPA.AC.210	Plug off manhole F2.1E & SM19		1	22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0					1					
IPA.AC.220	Backfill & SRT & remove ELS		2	23-Jun-18	25-Jun-18	23-Jun-18	25-Jun-18	0%	0%	0					Ħ					
Constructio	n of remaining UU																			
IPA.AC.240	Construct drainage, catch pits & UC		17	09-Jul-18	27-Jul-18	09-Jul-18	27-Jul-18	0%	0%	0										
Construct	district wide CLP ducts														-					
IPA.AC.250	Open cut to formation & SRT & blinding		8	16-Jul-18	24-Jul-18	23-May-18 A	09-Jun-18	0%	10%	36	1		+				<u> </u>	<u> </u>		
IPA.AC.340	Lay ducts		4	11-Jun-18	14-Jun-18	11-Jun-18	14-Jun-18	0%	0%	0	1		4		+					
IPA.AC.350	Backfill & SRT		5	15-Jun-18	21-Jun-18	15-Jun-18	21-Jun-18	0%	0%	0			PA, AC.3	5p 🚞						
Construct I	light ducts & pole footings												1					1	1-1-1-	
IPA.AC.260	Excavate to formation & SRT & blinding		2	09-Jul-18	10-Jul-18	09-Jul-18	10-Jul-18	0%	0%	0					IPA.	AC 260				
	Install ducts & backfill			11-Jul-18	14-Jul-18	11-Jul-18	14-Jul-18	0%	0%	0	1					A.AC.280				
Lighting ca																				
IPA AC 290	Excavate to formation & SRT & blinding		1	11-Jul-18	11-Jul-18	11-Jul-18	11-Jul-18	0%	0%	0					IPA	A.AC.290				
	Install ducts & backfill		4	12-Jul-18	16-Jul-18	12-Jul-18	16-Jul-18	0%	0%	0						PA AC.300			 -	
	Construct lighting base			17-Jul-18	20-Jul-18	17-Jul-18	20-Jul-18	0%	0%	0	-					- 13 - 3 -	.320			
Construction				17-Jul-18	20"701"10	17-Jul-18	20-301-18	0/6	076	0						IFA.AC.	.320			
South side																				
	-		2	00 1 1 40	44 1 1 40	00 1 1 40	44 1 1 40	00/	00/	0						1 1	_			
	O Prepare formation and SRT		3	09-Jul-18	11-Jul-18	09-Jul-18	11-Jul-18	0%	0%	0									ļļļ.	·
	0 Lay kerbs		9	12-Jul-18	21-Jul-18	12-Jul-18	21-Jul-18	0%	0%	0	1									
	0 Lay path base		9	17-Jul-18	27-Jul-18	17-Jul-18	27-Jul-18	0%	0%	0							_ =			
	0 Lay path surface		9	23-Jul-18	02-Aug-18	23-Jul-18	02-Aug-18*	0%	0%	0									- 1 1	
	n of remaining paths & EVA							,						1 1						
	Open cut to formation & SRT & blinding			15-Jun-18	19-Jun-18	15-Jun-18	19-Jun-18	0%	0%	0	1			. =		4		4	ļļļ	,l
IPA.AC.380			5	20-Jun-18	25-Jun-18	20-Jun-18	25-Jun-18	0%	0%	0						l l				
IPA.AC.390	Lay path base		6	26-Jun-18	03-Jul-18	26-Jun-18	03-Jul-18	0%	0%	0					=	#				
IPA.AC.400	Lay path surface		7	04-Jul-18	11-Jul-18	04-Jul-18	11-Jul-18	0%	0%	0							=			
	Complete HCC scope and Ready for Handove	r of Area C to Park Contractor	0	12-Jul-18		12-Jul-18		0%	0%	0							S Compl	ete HCC's	cope and Rea	ady for Hand
	eding CHW to Park Freespace Building																		1	
KD & MS															1					
DCS-01	Complete Installation of Cable Ducts for CLP	Inspection	0		06-Jul-18		06-Jul-18*	0%	0%	0	7					\$	Complete Ir	nstallation	of Cable Duc	icts for CLP !
DCS-02	Energise Transformer Room TX C		0		24-Aug-18		24-Aug-18*	0%	0%	0	1									8
DCS-03	Commission DCS System and complete all w	orks necessary to provide Chilled Water to Park	0		31-Aug-18		31-Aug-18*	0%	0%	0	1]							, •
Construction							·				∔۔۔ٰ۔ ا									
DCS.160	Construct Civil Works		29	23-Mar-18	30-Apr-18	16-Mar-18 A	06-Jul-18	100%	60%	-54			1			-				
DCS.170	Cable Laying (by CLP)		24	10-Jul-18	06-Aug-18	10-Jul-18	06-Aug-18	0%	0%	0			_				\rightleftharpoons	نسنه		
DCS.100	Short Pipe Fabrication and Delivery		57	19-Jan-18	29-Mar-18	19-Jan-18 A	08-Aug-18*	100%	0%	-105		- ; ;	÷		<u> </u>	نسنه		نب	—	
DCS.220	Power On			07-Aug-18	24-Aug-18	07-Aug-18	24-Aug-18	0%	0%	0										
Sea Water P			10	37 7 10	g-10	0ug-10	2-7.10g-10	J/6	570	Ü			1							
DCS.180	Completion of Installation Works		0		01-Jun-18		01-Jun-18*	0%	0%	0			Comm	létion of I	netallati	or Mork-		+	ł	,
DCS.180 DCS.150				12 lue 10	29-Jun-18	12-Jun-18	29-Jun-18	0%	0%	0	1		Comp	retion of I	ıstaildt](WVOIKS,				
■ UCS.150	Power on to Sea Water Plant			12-Jun-18							1 : :	1 1	11	-	-	411	_			
DCS.140	Pipe Flushing incl. Testing and Commissioning		26	08-Jun-18	10-Jul-18	08-Jun-18	10-Jul-18	0%	0%	0	1 : '	1 1								

Data Date: 01-Jun-18 Page 37 of 50 Three Months Rolling Programme (3MRP) - Mth 32 - 31 May Lavout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D) 0 | 07 | 14 | 21 | 28 | 04 | 11 | 18 | 25 | 02 | 09 | 16 | 23 | 30 | 06 | 13 | 20 | 27 DCS.120 Power on to Chilled Water Plant 15 12-Jun-18 29-Jun-18 12-Jun-18 29-Jun-18* 0% 0% Λ DCS 190 n Completion of Installation 30-Jun-18 30- Jun-18 0% 0% Λ Completion of Installation Pipe Flushing incl. Testing and Commissioning 52 30-Jun-18 DCS.130 31-Aug-18 31-Aug-18 0% Commission DCS System and complete all works necessary to provide Chilled Water to Park DCS-3 Λ 31-Διισ-18 0% 0% 31-Aug-18* Ω DCS 110 Pipe Flushing incl. Testing and Commissioning 48 14-Jun-18 10-Aug-18 14-Jun-18* 10-Aug-18* 0% 0% Ω Ready for final connection by Park 10-Aug-18 10-Aug-18 0% 0% Ready for final con A36990 ICP - Install GRC Architectural Louvre & Bracket 40 09-Jun-18 28-Jul-18 09-Jun-18 28-Jul-18 40 0% A37010 ICP - Install Facade Louvre Screen 09-Jun-18 28-Jul-18 09-Jun-18 28-Jul-18 0% 0 A37000 16 28-Jul-18 28-Jul-18 16-Aug-18 ICP - Eacade Louvre Screen Final Cleaning 16 28-Jul-18 A 3 7 0 2 0 16-Aug-18 28-Jul-18 16-Aug-18 0% 0% Λ SPS - G/F External Utilities & Roadworks Works Above SPS and ICP at Portion A Portion A - Final backfilling 19-Dec-17 27-Feb-18 28-Oct-17 A 04-Jun-18 100% -77 Δ37350 Portion A - EVA Carriageway / Roadworks 54 23-Mar-18 31-May-18 12-Mar-18 Δ 11-Jul-18 100% 40% -32 ICP - G/F External Utilities & Roadworks Entrance Portal from At-grade Road A56630 ICP - Construct Entrance Carriageway 11 06-Apr-18 19-Apr-18 11-Apr-18 A 11-Jun-18 100% 20% -43 A37470 Portion B - Waterproofing & Backfilling 27 16-Sep-17 19-Oct-17 23-Sep-17 A 04-Jun-18 100% 90% -182 A37480 Portion B - Above Slab Utilities & Fire Hydran 30 04-Jun-18 11-Jul-18 04-Jun-18 11-Jul-18 0% 0% 0 A37490 Portion B - Final backfilling 27 29-Nov-17 02-Jan-18 30-Aug-17 A 19-Jul-18 100% 0% -159 A37500 Portion B - EVA Carriageway / Roadworks 60 04-Jun-18 15-Aug-18 04-Jun-18 15-Aug-18 0% 0% 0 Co-ordinated External Works & Utilities Services Installation Interface Dates Access Dates 01 - West of Lyric Main Site L01 (near M14 & M14a) (15Aug 2017), 01-Jun-18 A60730 101 - West of Lyric Main Site 101 (near M14 & M14a) (15Aug2017) 01-Jun-18 01-Jun-18 0% 0% 0 A25130 M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (t.b.a.) 0 01-Jun-18 01-Jun-18* 0% 0% M70 - Arts Pavilion Area on M+ side of M+ / Park Interface (t.b.a.), 01-Jun-18* 0 Vacation Dat 122 - Area Reserved for AISO, Northern Part including Walkway (25Ian2019) 01-Jun-18 01-Jun-18 0% 0% 122 - Area Reserved for AISO, Northern Part including Walkway (25Jan2019), 0 L23 - Area Reserved for AISO, Southern Part(25Jan2019). A25920 L23 - Area Reserved for AISO, Southern Part(25Jan2019) 01-Jun-18 01-Jun-18 0% 0% 0 L25 - MTR Area to North-West of MTR Workshop(25Jan2019) A25930 L25 - MTR Area to North-West of MTR Workshop(25Jan2019) 0 01-Jun-18 01-Jun-18 0% 0% 0 A25940 126 - MTR Area to South-West of MTR Workshop(25Jan2019) Λ 01-Jun-18 01-Jun-18 0% 0% Λ L26 - MTR Area to South-West of MTR Workshop(25Jan2019). A25320 M12 - Lyric Interface North (2nd H/O to Lyric) (31Mar17) 0 M12 - Lyric Interface North (2nd H/O to Lyric) (31Mar17), 01-Jun-18 01-Jun-18 n M16 - M+ Lyric Interface South (2nd H/Q to Lyric) (31May17) Δ25390 M16 - M+ Lyric Interface South (2nd H/O to Lyric) (31May17) 01-Jun-18 01-lun-18* 0% 0% Ω M19 - M+ Waterfront Promenade Part within STT Area (H/O to Waterfront Promer A25420 M19 - M+ Waterfront Promenade Part within STT Area (H/O to Waterfront Promenade Ctr)(31Dec2017) 0 01-Jun-18 01-Jun-18 LO4 - East of Lyric Main Site LO4 (near AISO office) (27Jun2017), n 01-Jun-18 Δ60740 L04 - East of Lyric Main Site L04 (near AISO office) (27Jun2017) 01-Jun-18 0% 0% Ω A60760 L06 - West of Lyric Main Site (near M14 & M14a) (15Aug2017) 0 01-Jun-18 01-Jun-18* LOG - West of Lyric Main Site (near M14 & M14a) (15Aug2017), LO1 - West of Lyric Main Site LO1 (near M14 & M14a) (15Aug2017), 0 A60770 101 - West of Lyric Main Site 101 (near M14 & M14a) (15Aug2017) 01-Jun-18 01-Jun-18* 0% 0% 0 M07 - ICP Frontage beside At-grade Road (25Jan19), A25270 M07 - ICP Frontage beside At-grade Road (25Jan19) 01-Jun-18 01-Jun-18

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M38 - Lyric Waterfront (Part of MTR Area A1) (H/O to Lyric) (31May2017),

M26 - M+ Entrance Interface with At-garde Road (Practical Completion),

M47 - M+ Promenade Terrace (Practical Completion)

M54 - Internal of ICP (Practical Completion),

M39 - Lyric Waterfront / through ESS Compound (H/O to Lyric) (3±May2017),

M42 - Lyric Waterfront east of barging point (Prior to Lyric Main Cfr) (3±May20\$7),

M48 - M+ Waterfront Promenade Part incl' KGO Pump Cells (H/O to Waterfront Pror

M49 - M+ Waterfront Part for Access Around ESS (H/O to Waterfront Promenade Ctr

M55 - Footprint of RDE Building (Parcel 39B) (on OP & PC of RDE Building) (25Jul201

M56 - Around RDE Building (Parcel 39B) (on OP & PC of RDE Building) (25Jul2018),

M38 - Lyric Waterfront (Part of MTR Area A1) (H/O to Lyric) (31May2017)

M26 - M+ Entrance interface with At-garde Road (Practical Completion)

M47 - M+ Promenade Terrace (Practical Completion)

M54 - Internal of ICP (Practical Completion)

M39 - Lyric Waterfront / through ESS Compound (H/O to Lyric) (31May2017)

M42 - Lyric Waterfront east of barging point (Prior to Lyric Main Ctr) (31May2017)

M55 - Footprint of RDE Building (Parcel 39B) (on OP & PC of RDE Building) (25Jul2018)

M56 - Around RDE Building (Parcel 39B) (on OP & PC of RDE Building) (25Jul2018)

M48 - M+ Waterfront Promenade Part incl' KGO Pump Cells (H/O to Waterfront Promenade Ctr) (31Dec2017)

M49 - M+ Waterfront Part for Access Around ESS (H/O to Waterfront Promenade Ctr) (31Dec2017)

A25550

A25560

A25590

A25480

A25640

A25650

A25660

A25700

Δ25710

A25720

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Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

0 | 07 | 14 | 21 | 28 | 04 | 11 | 18 | 25 | 02 | 09 | 16 | 23 | 30 | 06 | 13 | 20 | 27 Δ25770 M65 - Visual Mock-up & Prototype Area (Practical Completion) 0 01-Jun-18 01-Jun-18 0% 0% Λ M65 - Visual Mock-up & Prototype Area (Practical Completion), Δ25345 0 01-Jun-18 0% M14 - Lyric Interface South, GL 6-12 (2nd H/O to Lyric) M14 - Lyric Interface South, GL 6-12 (2nd H/O to Lyric) 01-Jun-18 0% Λ A25810 0 01-Jun-18 01-Jun-18 M68 - Hybrid VMU Area (Practical Completion), M68 - Hybrid VMU Area (Practical Completion) 0% L04 - West of Lyric Main Site L04 (near M14) (15Aug2017). Δ60750 104 - West of Lyric Main Site 104 (near M14) (15Δμσ2017) Λ 01-Jun-18 01-lun-18* 0% 0% Ω A25260 M06 - ICP Entrance Portal beside At-grade Road, External (Portion M61 for internal) (25Jan19) 08-Jun-18 M06 - ICP Entrance Portal beside At-grade Road, External (Portion M61 for inte 08-Jun-18 M15 - NI+ / Lyric Staircase (2nd H/O to Lyric) (25Jan19), Δ25370 M15 - M+ / Lyric Staircase (2nd H/O to Lyric) (25Jan19) 20-lun-18 20-Jun-18 0% M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3) (Pri A25580 M41 - Lyric Waterfront at Barging Point (Part of MTR Area 3) (Prior to Lyric Main Ctr) (31May2017) 22-Jun-18* 0 M09 - Park Phase 3 Part at Proposed EVA A25290 M09 - Park Phase 3 Part at Proposed EVA to Waterfront (Refer Portion M76 & M77) 17-Jul-18 17-Jul-18 0% 0% 0 M10 - M+ Hoarded Area West of M+ Pan A25300 M10 - M+ Hoarded Area West of M+ Parcel Boundary (Refer Portion M76 & M77) 17-Jul-18 17-Jul-18 M20 - Site Outside M20 - Site Outside Parcel Boundary Fast of Promenade (H/O to Waterfront Promenade Ctr)(31Dec2017) 0 09-Aug-18 09-Aug-18 A25430 0% 0% A25330 M13 - Lyric Interface Over AEL (H/O to Lyric) (31Aug17) 23-Aug-18 **★** M13 -Λ A25240 M04 - Underground Fuel Tank Area beside M+ Entrance Portal (25Ian19) 30-Aug-18 30-Aug-18 0% 0% Λ A25280 M08 - Park Phase 3 Part at Waterfront (15Jun2016) 31-Aug-18 31-Aug-18* M60 - ICP Level B1 Roof Top (Practical Completion) 0 A25760 31-Aug-18 31-Aug-18* 0% Λ Interface Schedule (Appedix D1 - 16 December 2015) Lyric Theatre Complex and Extended Basement (Lyric) Along Interface South of AEL A25990 Complete seawater discharge pipes in Portions M15, M16, M38, M39 (31 May 2017) 0 01-Jun-18 01-Jun-18 0% Ω Complete seawater discharge piges in Portions M15. M16, M38, M39 (31 May 2017) Δ26110 Remove all hoardings witin Portion M13 6 16-Aug-18 23-Aug-18 16-Aug-18 23-Aug-18 0% 0% 0 ∆2611h A26120 Permanently vacate Portion M13 (31 Aug 2017) n 23-Aug-18 23-Aug-18 0% 0% ٥ Rern Interfacing with PIW At-Grade Road Construction A26140 Remove temp. works @ At-Grade Road & Footway for Park Opening (30 Sep 17) 0 01-Jun-18 01-Jun-18* 0% 0 emove temp. works @ Al-Grade Road & Footway for Park Opening (30 Sep 17), Complete all Excavation & Reinstatement Works @ At-grade Road & Footway before H/O to HvD (31 Oct 2017) 0 07-Jul-18 Complete all Excavation & Reinstatement Works A26150 07-Jul-18* 0% 0% M+ North West Boundary Interface with Construction At-Grade Road by PIW A26160 Remove the hoarding along footway & vacate footway 0 01-Jun-18 01-Jun-18* Remove the hoarding along footway & vacate footway. M+ Drain Connection to PIW Drainage MH WHC6 11 A26200 Complete drainage works for WHC6 1f 0 01-Jun-18 01-Jun-18 0% 0% 0 Complete drainage works for WHC6 1f. DN150 incoming gas main at Entrance Portal (CIV-DWG-0403) A26220 Excavate Trench & Install Shoring for Gas Main @ Footway (To be coordinated with PIW) 01-Jun-18 09-Jun-18 01-Jun-183 09-Jun-18 26230 A26230 Allow Towngas to install gas main (By Towngas) 11-Jun-18 16-Jun-18 11-Jun-18 16-Jun-18 0% 0% 0 A26240 Backfill Trench to Ground Levels 3 19-Jun-18 22-Jun-18 22-Jun-18 0% A26240 DN150 incoming gas main for RDE (CIV-DWG-0404) A26250 Excavate Trench & Install Shoring for Gas Main @ Footway (To be coordinated with PIW) 18 01-Jun-18 22-Jun-18 01-Jun-18* 22-Jun-18 0% 0% 0 A26260 Allow Towngas to install gas main (Ry Towngas) 18 23-Jun-18 14-Jul-18 23-Jun-18 14-Jul-18 0% 0% Λ A26260 A26270 Backfill Trench to Ground Levels 12 16-Jul-18 28-Jul-18 16-Jul-18 28-Jul-18 A26270 Vacate M45 (8 July 2017 n X Vacate M45 (8 July 2017), A26280 28-Jul-18 28-Jul-18 0% 0% Ω Towngas Meter Application for M+ Submit Application for Installation of Towngas Mete 0 28-Jul-18 28-Jul-18 0% Submit Application for Installal A26290 Ω Power interface with PIW - South of M+ Allow access for PIW Contractor after completion of 11kV Cable Ducts Allow access for PIW Co 0 04-Aug-18 04-Aug-18 Seawater Cooling Intake Pipes Interface PIW Civil Works Interface with PIW Watermain South of M+ DN450 Fresh Water & DN450 Salt Water District Wide main South of M+ (Item51 - App D1) M+ Commencement of EVA & Promenade Terrace 0 09-Jul-18 09-Jul-18 M+ Commencement of EVA & Promenade Terra A26390 Allow access for Park Contractor to carry out soil filling & soft landscaping (6 mths prior OP) 0 01-Jun-18 01-Jun-18* Allow access for Park Contractor to carry out soil filling & soft landscaping (6 mths p 0% 0% 0 Vacate M08 and M09 to A26410 Vacate M08 and M09 to Park contractor (Park Remaining Portion) 04-Aug-18 04-Aug-18 0% 0 Drainage Interface w/ Park PIW (SW of M+) Allow access for Park Contractor to construct manhole SE2.7 & Park drainage (Portion M10) 0 06-Jul-18 06-Jul-18 0% 0% Ω Allow access for Park Contractor to construct manh Sewage Interface w/ Park PIW (SW of M+ & ICP SPS)

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Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP RD)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

)	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	-	32	Ji	111e		July 34		August
			Dui.	(Do) Start	(Do) FIIIISII	Forecast Start	FILIST	% Complete	Complete	(+/-u)	30 07	14 21	28 04 11	18	25 02 0		23 30 06	3 13 2
A26450	Complete drain test & Handover to DSD (3 months prior to KD0	3 of Park Contract) (22 Sep 2017)	0		07-Jun-18		07-Jun-18	0%	0%	0			\$ Comp	lete drain	test & Handov	er to DSD (3	months prior to	KD03 of Pa
A26430	Complete Laying Sewer Pipe DN300 from F2.1E to SM19		0		04-Aug-18		04-Aug-18	0%	0%	0							S Con	mplete Layin
SPS & Interf	ace Carpark Interface w/ Park																	
A26500	Complete Access Road to SPS for FS Inpection (Park above ICP)		0		01-Jun-18		01-Jun-18	0%	0%	0		††	Complète A	ccess Road	to SPS for FS	Inpection (F	ark above ICP),	
A26510	Obtain necessary OP for ICP		0		01-Jun-18		01-Jun-18	0%	0%	0			Obtain nec	i i	i			
Telecoms In	terface w/ Park PIW (W of M+)													/				
A26520	Allow Access to Park Contractor to connect ICT Cable Ducts to	M. Draw nit	0	01-Jun-18		01-Jun-18		0%	0%	0			Allow Acco	cc to Bark (ontmeter to e	annoct ICT	able Ducts to M	4. Draw mit
A26530			0					0%	0%	0	-		T 1 1	1 1	11 1	1 1	1 1 1	1 1
	Allow Access to Park Contractor to connect ELV Cable Ducts to			01-Jun-18		01-Jun-18					ļ	ļļļ					able Ducts to M	
A26540	Allow Access to Park Contractor to construct & connect FTNS C	able Ducts at M+ GL A/6-/	0	01-Jun-18		01-Jun-18		0%	0%	0			Allow Acce	ss to Park (Contractor to co	onstruct & c	onnect FTNS Ca	ble Ducts a
e-Constructi																		
nop Drawings	s Submission & Approval																	
C-SDSA-1000	Shop drawings		267	03-Oct-16	25-Aug-17	03-Oct-16 A	19-Nov-18	100%	0%	-366					1 :			
ethod Statem	ent & ITP Submission & Approval																	
C-MSSA-1000	Method statement & ITP		267	03-Oct-16	25-Aug-17	03-Oct-16 A	19-Nov-18	100%	0%	-366								
ndscaping S	ubmission and Approval																	
andscaping	Prelimaries																	
oft Landsca																		
A2190	Approval of green roof system materials		90	13-Dec-17	13-Mar-18	01-Mar-18 A	23-Jun-18	100%	74.44%	-103								
A2270			90	02-Apr-18	30-Jun-18	06-Mar-18 A	25-Jun-18	66.67%	72.22%	-103		11						
	Approval of grass paver materials							*******					1 1	1 1		_		
A65240	Submission of plant photos		90	01-Dec-17	01-Mar-18	01-Dec-17 A	14-Jul-18	100%	51.11%	-136		1 1 1	1 1	1 1	1 1	-		
A65250	Approval of plants		40	15-Jul-18	23-Aug-18	15-Jul-18	23-Aug-18	0%	0%	0	=		-			-	- : :	
A2220	Submission of green wall materials & drawings		90	16-Dec-17	16-Mar-18	19-Feb-18 A	14-Sep-18	100%	0%	-183			1 1	1 1	1: :	1 1		1 1
A2200	Submission of vertical greening materials & drawings		90	16-Dec-17	16-Mar-18	19-Feb-18 A	15-Sep-18	100%	0%	-184		: : :	: :	1 1	1: :	1 1		
A65270	Submission of soiling material		61	24-Aug-18	23-Oct-18	24-Aug-18	23-Oct-18	0%	0%	0								
A2240	Submission of hydroseeding materials		65	24-Aug-18	27-Oct-18	24-Aug-18	27-Oct-18	0%	0%	0	1							
A2300	Submission of Procurement of material		153	24-Jun-18	23-Nov-18	24-Jun-18	23-Nov-18	0%	0%	0				12800	!: _:			
rrigation Sys	stem																	
A2320	Submission of irrigation system materials		90	15-Jul-18	12-Oct-18	15-Jul-18	12-Oct-18	0%	0%	0					A2320			
A2340			90		12-Oct-18	15-Jul-18	12-Oct-18	0%	0%	0		 			A2340			
	Submission of irrigation system drawings			15-Jul-18											AZB40			1
A2330	Approval of irrigation system materials		90	26-Aug-18	23-Nov-18	26-Aug-18	23-Nov-18	0%	0%	0								A233
A2350	Approval of irrigation system drawings		90	26-Aug-18	23-Nov-18	26-Aug-18	23-Nov-18	0%	0%	0	<u> </u>	+++	-					A235
	nission & Approval																	
eneral Items																		
C-MTSA-108	0 General materials		267	03-Oct-16	25-Aug-17	03-Oct-16 A	19-Nov-18	100%	0%	-366			: :		: :	: :		-
ong Lead Ite	ms																	
C-MTSA-109	0 Metal ceiling		160	10-Apr-17	23-Oct-17	10-Apr-17 A	18-Sep-18	100%	43%	-267			i	+ +				$\dot{ o}$
C-MTSA-106	0 Timber (floor, wall & ceiling)		160	13-Feb-17	26-Aug-17	13-Feb-17 A	26-Sep-18	100%	39%	-321				-	-			$\Rightarrow \Rightarrow$
	0 Glazing works		160	09-Mar-17	20-Sep-17	09-Mar-17 A	20-Oct-18	100%	27%	-319			1 1		-			
	0 Door Ironmongeries		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350		<u></u>			<u>lii</u>	<u>ii-</u>		
	0 Tiling works		267	03-Oct-16	25-Aug-17 25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350			1 1					
	•				-								1 1			1 1		\Box
	0 Fire shutters		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350			1 1	1 1	11 1	1 1		
	0 Smoke curtain		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350								1 1
	0 Security shutters (Lateral sliding type)		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350								
C-MTSA-114	0 Security shutters (Top-mounted)		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350								-
C-MTSA-100	0 Doors		267	03-Oct-16	25-Aug-17	03-Oct-16 A	31-Oct-18	100%	53%	-350			1 1	-	1: :		 	+
C-MTSA-112	0 Raised floor system		160	27-Apr-17	07-Nov-17	27-Apr-17 A	03-Dec-18	100%	4%	-318				+ +	1 1	+ +	\rightarrow	$\overline{}$
	0 FF&E Items (seating/ cushion, curtain, blinds, etc)		174	01-Jun-18	28-Dec-18	01-Jun-18	28-Dec-18	0%	0%	0		PC-MTSA-1130			II I			+ +
	0 Fixed & loose furniture		177	01-Jun-18	02-Jan-19	01-Jun-18	02-Jan-19	0%	0%	0		PC-MTSA-1150		- 1				
C-MTSA-110			160	15-May-17	22-Nov-17	15-May-17 A	15-Jan-19	100%	0%	-339								
				- ''		,						DC ATC:		1 1	1 1			
	Carpet, linoleum & mats		212	04-Jun-18	19-Feb-19	04-Jun-18	19-Feb-19	0%	0%	0	_	Pr-MTSA-1	"	1 1		1 1		$\overline{}$
curement																		
												1 1 1	1 1 1	1 1	T1 1	1 1	11 1	1 1
eneral Items	General items			17-Nov-16	11-Oct-17	17-Nov-16 A	08-Jan-19	100%	40%	-368							1 1	

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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(41 IVIAY TO	02 Jun 2018) (CMWP 8D)																			
	Activity Name	CMWF Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32			June 33		\blacksquare	July 34			August 35
Doors										30 07	14	21 2	8 04	11 1	18 25	, 02	09 16	5 23	30 0	06 13
	Tour form a David David	- 00	00 5:1: 47	40.1447	00 5-1-47.4	20.1 40	4000/	00/	224	i	1 1	- 1	1 1		- 1					
	Transformer Room Doors	80	09-Feb-17	19-May-17	09-Feb-17 A	30-Jun-18	100%	0%	-331				1 1			7 1				
	Priority Doors (for Mechanical Rooms)	80	09-Aug-18	14-Nov-18	09-Aug-18	14-Nov-18	0%	0%	0	_	1							PC-MTPF	-1000b	-
onmongerie							,				<u>1i</u>	<u>i</u>		<u>i</u>	<u>l</u>	_			ļ.ļļ	
	Transformer Room Door Ironmongeries	80	09-Feb-17	19-May-17	09-Feb-17 A	30-Jun-18	100%	68.75%	-331		1 1		1 1		- 1	1 1				
	Priority Door Ironmongeries (for Mechanical Rooms)	80	02-Aug-18	07-Nov-18	02-Aug-18	07-Nov-18	0%	0%	0		+ +	-					PC-MT	FPR-1010	<u>-</u>	- 1
iling Works			1	Tarana ar															<u> </u>	
	Other Tiling Areas	107	26-Jul-18	30-Nov-18	26-Jul-18	30-Nov-18	0%	0%	0		1					PC	MTPR 102	.0b 📙		
	r, Wall & Ceiling)							221			<u> </u>				İ	<u>i</u>	<u>i</u>	<u></u>	<u></u>	<u>ii</u>
	Timber for Benchmark Toilet/ Toilet Lobby @ B2/F)	133	20-May-17	27-Oct-17	05-May-17 A	09-Nov-18	100%	0%	-306						- 1					
ther Long L																PC-MTPR-			<u>iii</u>	
	Metal ceiling	80	17-Jul-18	22-Oct-18	17-Jul-18	22-Oct-18	0%	0%	0						- 1	PCIMIPR	1090 ;	=	: :	: :
	FF&E Items (seating/ cushion, curtain, blinds, etc)	107	15-Jun-18	23-Oct-18	15-Jun-18	23-Oct-18	0%	0%	0			PC-I	1TPR-1130	-	- 1	T		$\overline{}$	T T	1 1
	Fire shutters	54	25-Aug-18	31-Oct-18	25-Aug-18	31-Oct-18	0%	0%	0	ļ	ļļ									-MTPR-10
	Smoke curtain	54	25-Aug-18	31-Oct-18	25-Aug-18	31-Oct-18	0%	0%	0	-									: 1	-MTPR-10
	Security shutters (Lateral sliding type)	80	16-Aug-18	21-Nov-18	16-Aug-18	21-Nov-18	0%	0%	0	1				<u></u>				·	PC-MTPR-1	1140
	Fixed & loose furniture	138	15-Jun-18	28-Nov-18	15-Jun-18	28-Nov-18	0%	0%	0			PC-I	1TPR-1150				_		-	
C-MTPR-10!	Security Shutters (Top mounted)	107	26-Jul-18	30-Nov-18	26-Jul-18	30-Nov-18	0%	0%	0							Pr	C-MTPR-10	- 1		
	Glazing works	107	16-Aug-18	22-Dec-18	16-Aug-18	22-Dec-18	0%	0%	0		11		.11						PC-MTPR-1	1070 =
struction																				
water Outfa											1 1									
	at CH0+66 to CH0+108																			
	offerdam & Pipe works for Lead In (CH0+102 to CH0+108)												l							
26880	Pressure Test	6	04-Jun-18	09-Jun-18	04-Jun-18	09-Jun-18	0%	0%	0	1	1i								111	
	Back Filling to Ground Level	6	11-Jun-18	16-Jun-18	11-Jun-18	16-Jun-18	0%	0%	0											
	at CH0+0 to CH66																			
ench Excav	vation & Pipe works CH0+0 to CH0+32																			
27110	Trench @GL +5.0mPD to +4.0mPD	12	19-Apr-18	04-May-18	19-Mar-18 A	07-Jun-18	100%	50%	-29		: ;									
27150	Pipe Laying & Associated Works	21	01-Jun-18	26-Jun-18	19-May-18 A	13-Jun-18	0%	50%	11	A271	50				÷					
27180	Pressure Test	6	07-Jun-18	13-Jun-18	07-Jun-18	13-Jun-18	0%	0%	0											
27190	Back Filling to 1st layer Struts	1	14-Jun-18	14-Jun-18	14-Jun-18	14-Jun-18	0%	0%	0											
27200	Dismantle 1st Layer Struts & Wailing	6	15-Jun-18	22-Jun-18	15-Jun-18	22-Jun-18	0%	0%	0						•					
27210	Back Filling to GL	1	23-Jun-18	23-Jun-18	23-Jun-18	23-Jun-18	0%	0%	0											
27160	Construct Bend Blocks	15	13-Jun-18	03-Jul-18	13-Jun-18	03-Jul-18	0%	0%	0				A27160	Ė	-	-				
CS Box (Po	rtion M15&M16)																			
27290	Construct remaining wall & roof	12	16-Dec-17	02-Jan-18	26-Aug-17 A	19-Jun-18	100%	0%	-134				1	\rightarrow						
27300	DCS Box complete	0		19-Jun-18		19-Jun-18	0%	0%	0					\$	DCS Bo	ox comple	te,			
water Intak	e Pipe Works																			
	of Seawater Intake Pipe															7			7-P	
nstruction o	Pressure Testing and Inspection	5	12-Oct-17	18-Oct-17	22-Jun-17 A	07-Jun-18	100%	0%	-187	;	; ;	-	_ :		- 1	- 11 1	,	i i	1 1	
nstruction o 27490 water Pump	Pressure Testing and Inspection	5	12-Oct-17	18-Oct-17	22-Jun-17 A	07-Jun-18	100%	0%	-187				П							
nstruction o 27490 water Pump	Pressure Testing and Inspection	5	12-Oct-17	18-0ct-17	22-Jun-17 A	07-Jun-18	100%	0%	-187											
nstruction o 27490 water Pump	Pressure Testing and Inspection	5	12-Oct-17	18-Oct-17	22-Jun-17 A 29-Dec-17 A	07-Jun-18 01-Jun-18	100%	0%	-187											
nstruction of 27490 water Pump IE 58630	Pressure Testing and Inspection Cell																			
nstruction of 27490 water Pump IE 58630	Pressure Testing and Inspection Cell Delivery of DI pipe	2	29-Dec-17	30-Dec-17	29-Dec-17 A	01-Jun-18	100%	80%	-120											
27490 water Pump IE 88630 88660	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump	2 2	29-Dec-17 29-Dec-17	30-Dec-17 30-Dec-17	29-Dec-17 A 29-Dec-17 A	01-Jun-18 01-Jun-18	100%	80% 70%	-120 -121											
nstruction of 27490 water Pump IE 58630 58660 58610 58620	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment	2 2 19	29-Dec-17 29-Dec-17 24-Jun-17	30-Dec-17 30-Dec-17 17-Jul-17	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A	01-Jun-18 01-Jun-18 01-Jun-18	100% 100% 100%	80% 70% 95%	-120 -121 -259											
nstruction of 27490 water Pump IE 58630 58660 58620 58680	Pressure Testing and Inspection Coll Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work	2 2 19 7	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18	100% 100% 100% 100%	80% 70% 95% 55%	-120 -121 -259 -213											
nstruction of 27490 water Pump IE 58630 58660 58620 58680 58640	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work Install Pump motor	2 2 19 7 29	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17 03-Jul-18	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17 06-Aug-18	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A 03-Jul-18	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18 06-Aug-18	100% 100% 100% 100% 0%	80% 70% 95% 55% 0%	-120 -121 -259 -213											
nstruction of 27490 water Pump IE 58630 58660 58620 58680 58640	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work Install Pump motor Install ID pump	2 2 19 7 29 75	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17 03-Jul-18 23-May-18	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17 06-Aug-18 21-Aug-18	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A 03-Jul-18 15-May 18 A	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18 06-Aug-18 11-Aug-18	100% 100% 100% 100% 0% 9.93%	80% 70% 95% 55% 0% 20%	-120 -121 -259 -213 0											
nstruction of 17490 water Pump IE 188630 88660 88610 88680 88680 88680 88670 88670 88690	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work Install Pump motor Install DI pump Install electrical & Control Hydraulic Test of DI pipe	2 2 19 7 29 75 56	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17 03-Jul-18 23-May-18 08-Jun-18 15-Aug-18	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17 06-Aug-18 21-Aug-18 15-Aug-18 28-Aug-18	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A 03-Jul-18 15-May-18 A 08-Jun-18	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18 06-Aug-18 11-Aug-18 15-Aug-18 28-Aug-18	100% 100% 100% 100% 0% 9.93% 0%	80% 70% 95% 55% 0% 20%	-120 -121 -259 -213 0 8 0											
nstruction of 17490 water Pump IE 188630 88660 88660 88680 88680 88670 88670 88670 88700	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work Install Pump motor Install DI pump Install electrical & Control Hydraulic Test of DI pipe T&C of Sea water Pump	2 2 19 7 29 75 56	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17 03-Jul-18 23-May-18 08-Jun-18	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17 06-Aug-18 21-Aug-18 15-Aug-18	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A 03-Jul-18 15-May-18 A 08-Jun-18	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18 06-Aug-18 11-Aug-18 15-Aug-18	100% 100% 100% 100% 0% 9.93% 0%	80% 70% 95% 55% 0% 20% 0%	-120 -121 -259 -213 0 8											
nstruction of 27490 water Pump IE 88630 68660 68610 68620 68680 68640 68670	Pressure Testing and Inspection Cell Delivery of DI pipe Install sea water pump Dismantle the existing unused Equipment Builder's work Install Pump motor Install DI pump Install electrical & Control Hydraulic Test of DI pipe T&C of Sea water Pump	2 2 19 7 29 75 56	29-Dec-17 29-Dec-17 24-Jun-17 04-Sep-17 03-Jul-18 23-May-18 08-Jun-18 15-Aug-18	30-Dec-17 30-Dec-17 17-Jul-17 12-Sep-17 06-Aug-18 21-Aug-18 15-Aug-18 28-Aug-18	29-Dec-17 A 29-Dec-17 A 23-Jun-17 A 29-Aug-17 A 03-Jul-18 15-May-18 A 08-Jun-18	01-Jun-18 01-Jun-18 01-Jun-18 05-Jun-18 06-Aug-18 11-Aug-18 15-Aug-18 28-Aug-18	100% 100% 100% 100% 0% 9.93% 0%	80% 70% 95% 55% 0% 20% 0%	-120 -121 -259 -213 0 8 0											

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	0 02 Jun 2018) (CMWP 8D)	1 01010	1011110 00	1011110 00					1		.,	111000		Total Control		101103
ity ID	Activity Name	CMWP Dur.	(D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32		33	19 25 02 1	34	23 30 06 13	35 12
A58780	Install Sump Pump Panels	8	09-Jun-18	20-Jun-18	30-May-18 A	09-Jun-18	0%	10%	8	30 07 1	A58780	8 04 11	18 25 02 0	09 16 4	23 30 06 1	13
A58740	Install Sump Pumps	12	01-Jun-18	14-Jun-18	01-Jun-18	14-Jun-18	0%	0%	0	1	A58740					
A58790	Hydraulic Test (Cleansing Pipes)	6	09-Jun-18	16-Jun-18	09-Jun-18	16-Jun-18	0%	0%	0	1	A ^t	8790				
A58800	T&C of Sump Pumps	13	16-Jun-18	04-Jul-18	16-Jun-18	04-Jul-18	0%	0%	0	1		A58800				
Electrical Wo																
A58820	Delivery of Power Cable	2	11-May-18	14-May-18	09-May-18 A	01-Jun-18	100%	50%	-15	8820						
A58830	Delivery of Cable Tray	2	07-Apr-18	10-Apr-18	07-Apr-18 A	01-Jun-18	100%	50%	-44		+ +					
A58890	Install Lighting Fitting and Wiring Accessories	10	15-Jun-18	28-Jun-18	19-May-18 A	06-Jun-18	0%	50%	18	A58890			<u> </u>			
A58840	Install Cable Tray and Power Cable	8	06-Jun-18	15-Jun-18	19-May-18 A	07-Jun-18	0%	30%	7	A58840						
A58850	Install Surface Conduit and wiring Cable	8	06-Jun-18	15-Jun-18	19-May-18 A	07-Jun-18	0%	30%	7	A58850	_ <u></u>					
A58880	Install MCB Board	10	07-Jun-18	20-Jun-18	30-May-18 A	09-Jun-18	0%	20%	8	†	A58880		<u>, </u>			
A58900	T&C of Electrical Works	8	07-Jun-18	15-Jun-18	07-Jun-18	15-Jun-18	0%	0%	0		A58					
Fire Service \	Norks										_					
A58910	Dismantle the existing unused Equipment	4	18-Apr-18	21-Apr-18	26-Feb-18 A	01-Jun-18	100%	75%	-33		+ +					
A58920	Deliver and Install heat detection system	5	09-Apr-18	13-Apr-18	09-Apr-18 A	05-Jun-18	100%	30%	-43	+ + +	+ +	:				
A58930	T&C of heat detection system	4	05-Jun-18	09-Jun-18	05-Jun-18	09-Jun-18	0%	0%	0							
Sewerage																
Sewerage Int	erface with PIW & F2 Contractor															
Sewerage at	Austin Road West (Portion L08)															
A27850	Pressure Test	3	19-Jan-18	22-Jan-18	27-Dec-17 A	02-Jun-18	100%	50%	-104		1 1					
Sewerage at	Portion M01, Gridline A / 3-14			·												
A27940	HCC grant access to Park Contractor for SM100 construction	0	15-Aug-18		15-Aug-18		0%	0%	0						\$	в нес
MH F2.1E to	MH F2.1D			,												
A28150	Manhole & Trench Excavation for Sewerage Pipe between MH F2.1E to F2.1D	3	22-Jan-18	24-Jan-18	02-Jan-18 A	26-Jun-18	100%	0%	-121		+ +		-			
A28160	Construct Manholes F2.1E	21	27-Jun-18	21-Jul-18	27-Jun-18	21-Jul-18	0%	0%	0	+ +		A28	3160			
A28170	Lay Sewerage Pipe between MH F2.1E to F2.1D (DN375mm) (Approx. 25m)	33	27-Jun-18	04-Aug-18	27-Jun-18	04-Aug-18	0%	0%	0	1		A28	3170			
A28180	Pressure Test	4	06-Aug-18	09-Aug-18	06-Aug-18	09-Aug-18	0%	0%	0	1					A2\$180	
A28190	Backfill to ground level	4	10-Aug-18	14-Aug-18	10-Aug-18	14-Aug-18	0%	0%	0						A28190 🚃	
Storm Drainag	ge															
Storm Drain	DN750 along Gridline A/3-11 (MH S2.4 to S2.6)															
A28530	Construct Manhole S2.4 & S2.6	11	20-Sep-17	03-Oct-17	20-Oct-17 A	01-Jun-18	100%	100%	-192							
A28560	Backfill to existing ground level	5	30-Jan-18	05-Feb-18	21-Nov-17 A	09-Jun-18	100%	0%	-98							
Storm Drain	DN1050 along Gridline A/11-14 (MH S2.6 to S2.6A to S2.7 to S2.8)															
A28580	Construct Manhole S2.6a, S2.7 & S2.8	12	05-Mar-18	17-Mar-18	11-Dec-17 A	04-Jun-18	100%	80%	-60			-				
A28600	Pressure Test	5	16-Jan-18	20 1 40				0%								
		"	10-3011-10	20-Jan-18	13-Dec-17 A	08-Jun-18	100%	076	-110	: :	1 1					
A28610	Backfill to existing ground level	5	22-Jan-18	20-Jan-18 26-Jan-18	13-Dec-17 A 14-Dec-17 A	08-Jun-18 14-Jun-18	100%	0%	-110 -110							
	Backfill to existing ground level DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7)															
Storm Drain	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7)	5	22-Jan-18	26-Jan-18	14-Dec-17 A	14-Jun-18	100%	0%	-110							
Storm Drain A28640	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7	5	22-Jan-18 04-Jun-18	26-Jan-18 15-Jun-18	14-Dec-17 A 04-Jun-18	14-Jun-18 15-Jun-18	100%	0%	-110							
A28640 A28650	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m)	5 11 7	22-Jan-18 04-Jun-18 16-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18	100% 0% 0%	0% 0% 0%	-110 0 0							
A28640 A28650 A28660 A28670	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test	11 7 3	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18	0% 0% 0%	0% 0% 0%	-110 0 0 0				-			
A28640 A28650 A28660 A28670	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level	11 7 3	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18	0% 0% 0%	0% 0% 0%	-110 0 0 0		A2	880	-			
A28640 A28650 A28660 A28670 Storm Drain	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13	11 7 3 5 5	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18	0% 0% 0% 0% 0%	0% 0% 0% 0%	-110 0 0 0		A2	880 A28890	-			
A28640 A28650 A28660 A28670 Storm Drain A28880	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap	111 7 3 5 5 3 3	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18	100% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0%	-110 0 0 0 0		A2					
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 A28900	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 150DN Pipe from Gully Trap to MH S2.13	111 7 3 5 5 3 5 5	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18	100% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0%	-110 0 0 0 0		A2	A28890				
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 A28900	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 150DN Pipe from Gully Trap to MH S2.13 Backfill to existing ground level	111 7 3 5 5 3 5 5	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18	100% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0%	-110 0 0 0 0		A2	A28890				
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 A28900 Storm Drain	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 150DN Pipe from Gully Trap to MH S2.13 Backfill to existing ground level DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a)	111 7 3 5	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18 19-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18 20-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18	0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0% 0%	-110 0 0 0 0		A2	A28890				
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 A28900 Storm Drain A29040	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 1500N Pipe from Gully Trap to MH S2.13 Backfill to existing ground level DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a) Construct Manhole S2.9b & S2.9c	111 7 3 5	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18 19-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18 20-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18 19-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18 20-Jun-18	0% 0% 0% 0% 0% 0% 100% 0%	0% 0% 0% 0% 0% 0% 0%	-110 0 0 0 0 0 0 0		A2	A28890 A28900 [
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 A28900 Storm Drain A29040 A29020	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate trench and lay 1500N Fipe from Gully Trap Excavate trench and lay 1500N Fipe from Gully Trap to MH S2.13 Backfill to existing ground level DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a) Construct Manhole S2.9b & S2.9c Excavate Trial Trench	3 5 3 5 1 1 14	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 19-Jun-18 16-Apr-18 08-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 12-Jun-18 20-Jun-18 11-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 19-Jun-18 14-Mar-18 A 08-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18 20-Jun-18	0% 0% 0% 0% 0% 0% 100% 0%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	-110 0 0 0 0 0 0 0 0		A2	A28890 A28900 [
\$\$\text{Storm Drain}\$ \$A28640\$ \$A28650\$ \$A28660\$ \$A28670\$ \$\$\text{Storm Drain}\$ \$A28880\$ \$A28890\$ \$A28900\$ \$\text{Storm Drain}\$ \$A29040\$ \$A29020\$ \$A29050\$	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 150DN Pipe from Gully Trap to MH S2.13 Backfill to existing ground level DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a) Construct Manhole S2.9b & S2.9c Excavate Trial Trench Lay DN750 pipe from Manholes S2.9c to S2.9b to S2.9a (Approx. 21m)	111 7 3 5 13 5 14 3 6	22-Jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 12-Jun-18 19-Jun-18 16-Apr-18 08-Jun-18 09-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 19-Jun-18 20-Jun-18 11-Jun-18 11-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 12-Jun-18 19-Jun-18 14-Mar-18 A 08-Jun-18 09-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 20-Jun-18 08-Jun-18 11-Jun-18 15-Jun-18	100% 0% 0% 0% 0% 0% 0% 100% 0%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	-110 0 0 0 0 0 0 0 -31 0 0		A2	A28890 A28900 B				
A28640 A28650 A28660 A28670 Storm Drain A28880 A28890 Storm Drain A299040 A29020 A29030	DN1050 along Gridline A/14 (MH S2.8 to S2.9a to SE2.7) Construct Manhole S2.9a & SE2.7 Lay DN1050 pipe from Manholes S2.8 to S2.9a to SE2.7 (Approx. 37m) Pressure Test Backfill to existing ground level at Gridline M/13 Excavate and lay 225 U-Channel Drain with Gully Trap Excavate trench and lay 150DN Pipe from Gully Trap to MH S2.13 Backfill to existing ground level DN750 along Gridline A-B/14 (MH S2.9c to S2.9b to S2.9a) Construct Manhole S2.9b & S2.9c Excavate Trial Trench Lay DN750 pipe from Manholes S2.9c to S2.9b to S2.9a (Approx. 21m) Excavate to formation level	111 7 3 5 3 5 1 1 14 3 6 6	22-jan-18 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 08-Jun-18 19-Jun-18 16-Apr-18 08-Jun-18 09-Jun-18	26-Jan-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 12-Jun-18 20-Jun-18 11-Jun-18 11-Jun-18 15-Jun-18 19-Jun-18	14-Dec-17 A 04-Jun-18 16-Jun-18 26-Jun-18 29-Jun-18 12-Jun-18 14-Mar-18 A 08-Jun-18 09-Jun-18 12-Jun-18	14-Jun-18 15-Jun-18 25-Jun-18 28-Jun-18 05-Jul-18 12-Jun-18 20-Jun-18 08-Jun-18 11-Jun-18 15-Jun-18	100% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	-110 0 0 0 0 0 0 0 -31 0 0 0		A2	A28890 A28900 B				

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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(27 May to	02 Jun 2018) (CMWP 8D) Activity Name		I CMWP	CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance	_	Mav	_	Ju	ne		July		August
,	Activity Name		Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	20 07	32	1 20	3	3	25 02 4	34	22 20	35
A29090	Install scaffolding @ M12		6	01-Jun-18	07-Jun-18	01-Jun-18*	07-Jun-18	0%	0%	0	30 07	14 2	26	04 11	10	20 02 0	10	23 30	00 13
A29100	Install Brackets for Suspension Pipe		9	08-Jun-18	19-Jun-18	08-Jun-18	19-Jun-18	0%	0%	0	 	 			-				
A29110	Lay horizontal suspended DN450 pipe (Approx. 120	0m)	12	20-Jun-18	04-Jul-18	20-Jun-18	04-Jul-18	0%	0%	0					T				
A29120	Install suspended vertical Rain Water Outlet DN15		18	22-Jun-18	14-Jul-18	22-Jun-18	14-Jul-18	0%	0%	0							_		
A29130	Install suspended vertical Draingage DN100 - 5 no.			14-Jul-18	08-Aug-18	14-Jul-18	08-Aug-18	0%	0%	0	1				17			- :	-
A29140	Pressure Test		3		-			0%	0%	0									
			4	08-Aug-18	11-Aug-18	08-Aug-18	11-Aug-18	47.1											
A29145	Removal of scaffolding @M12			11-Aug-18	16-Aug-18	11-Aug-18	16-Aug-18	0%	0%	0									
A29150	Complete suspended Storm Drain at Portion M12	& Remove scaffolding	0		16-Aug-18		16-Aug-18	0%	0%	0									S Cor
A29155	Finish clear up @ M12		1	16-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	0%	0%	0									•
	DN350 suspended along Gridline M/1-4																		
	at Portion M13											ļļ							
A29160	External Wall @ Gridline M/1-4 (including Wall fir	nish) - complete	0		09-Jun-18		09-Jun-18	0%	0%	0				8 Exte	rnal Wall	@ Gridline M/	1-4 (includ	ing Wall fini	sh) - complete
A29170	Install scaffolding @ M13		6	09-Jun-18	16-Jun-18	09-Jun-18	16-Jun-18	0%	0%	0				-					
129180	Install Brackets for Suspension Pipe		9	16-Jun-18	28-Jun-18	16-Jun-18	28-Jun-18	0%	0%	0						-			
29200	Install suspended vertical Rain Water Outlet DN15	50 - 2 nos	1	07-Jul-18	09-Jul-18	07-Jul-18	09-Jul-18	0%	0%	0									
29190	Lay suspended horizontal DN350 pipe (Approx. 50r	m)	6	05-Jul-18	11-Jul-18	05-Jul-18	11-Jul-18	0%	0%	0			+1						
A29210	Install suspended vertical Drainage Pipe DN100 - 2	2 nos	3	09-Jul-18	12-Jul-18	09-Jul-18	12-Jul-18	0%	0%	0	I	T		T	T				
29220	Pressure Test		3	12-Jul-18	16-Jul-18	12-Jul-18	16-Jul-18	0%	0%	0	1		11				=		
129225	Removal of scaffolding @M13		4	16-Jul-18	20-Jul-18	16-Jul-18	20-Jul-18	0%	0%	0	1								
129230	Complete suspended Storm Drain at Portion M13		0		16-Aug-18		16-Aug-18	0%	0%	0									\$ 0
129235	Finish clear up @ M13		1	16-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	0%	0%	0					1 1				<u> </u>
	DN250 suspended along Gridline M/4-12										ļ 	 		 -	+				
	at Portion M14																		
29250	External Wall @ M14 Gridline M/4-12 (including N	Wall finish) - complete	0		09-Jun-18		09-Jun-18	0%	0%	0				♦ Exte	rmal Wall	@ N14 Gridlii	ne NI/4-12 (including W	all finish) - cor
29260	Install scaffolding at M14	waii iiiisii, - complete	6	16-Jun-18	25-Jun-18	16-Jun-18	25-Jun-18	0%	0%	0				♦ LAC	I Mai VVal	@ IV14 GIIU	10174-121	including w	
29270	Install Brackets for Suspension Pipe			28-Jun-18	05-Jul-18	28-Jun-18	05-Jul-18	0%	0%	0					\Box				
		50. 6	3							0		ļļ		 	+				ļ <u> </u>
29290	Install suspended vertical Rain Water Outlet DN15			14-Jul-18	18-Jul-18	14-Jul-18 18-Jul-18	18-Jul-18 19-Jul-18	0%	0%	0							T.		
	Install suspended vertical Rain Water Outlet DN80		1	18-Jul-18					0%	_									
A29310	Install suspended vertical Drainage Pipe DN100 - 5		5	14-Jul-18	20-Jul-18	14-Jul-18	20-Jul-18	0%	0%	0							_=		
29280	Lay suspended horizontal DN250 pipe (Approx. 105	5m)	8	12-Jul-18	20-Jul-18	12-Jul-18	20-Jul-18	0%	0%	0							Ţi	.	
129320	Pressure Test		3	21-Jul-18	24-Jul-18	21-Jul-18	24-Jul-18	0%	0%	0	l	<u> </u>		<u> </u>					
129325	Removal of scaffolding @M14		4	25-Jul-18	28-Jul-18	25-Jul-18	28-Jul-18	0%	0%	0								-	
29330	Complete suspended Storm Drain along Portion M	114	0		16-Aug-18		16-Aug-18	0%	0%	0									\$ c
129335	Finish clear up @ M13		1	16-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	0%	0%	0									
orm Drain E	DN600 at Portion M45																		
orm Drain	along Gridline D'-E'/1'-2' (MH WHC6_1c to S3.4)																		
129380	Formation and Construct MH \$3.4		18	01-Jun-18	22-Jun-18	01-Jun-18*	22-Jun-18	0%	0%	0				-					
orm Drain	along Gridline E'-G' / 1'-2' (MH S3.4 to S3.3 to S3.	3.2)																	
29470	Formation & Lay DN 600 pipe from S3.4 to S3.3 to	S3.2 (Approx 7m)	6	12-Jun-18	19-Jun-18	12-Jun-18	19-Jun-18	0%	0%	0	1			=	.				
29440	Formation & Construct MH S3.3 & S3.2		9	12-Jun-18	22-Jun-18	12-Jun-18	22-Jun-18	0%	0%	0	1		\perp	=					
29450	Connect DN250 pipe x 3Nos to MH S3.3		1	22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0			11						
129460	Connect DN250 pipe x 2Nos to MH S3.2		1	22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0	 	† 		 	++++				ttt
29480	Pressure Test			23-Jun-18	27-Jun-18	23-Jun-18	27-Jun-18	0%	0%	0	1		11			.			
29490	Backfill trench to Ground Level			28-Jun-18		28-Jun-18		0%	0%	0	1]	Backfill tre	nch to Gra	nd Level. 28	S-Jun-18
	DN450 at Portion M01					20 30.1 20										V Julianian die	1000	2010,, 20	1 T
	along Gridline G'-J' /1'-2 (MH S3.2 to S3.1 to S3.1	1b to \$3.1a)											\perp						
29540			5	04 Jun 10	00 Jun 10	04 1 10	09-Jun-18	0%	0%	0		 -	20544						ļļ
	Formation & Lay DN 450 pipe from MH3.2 to S3.1a	а (мрргол. ээпт)		04-Jun-18	09-Jun-18	04-Jun-18						1 1 '	129540	=:_					
29500	Formation & Construct MH S3.1, S3.1b & S3.1a		18	01-Jun-18	22-Jun-18	01-Jun-18*	22-Jun-18	0%	0%	0			ŀ	1 1					
29510	Connect DN200 pipe to MH S3.1			22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0				A29	1 1				
29520	Connect DN200 pipe to MH S3.1b			22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0				1 1	520				
29530	Connect DN300 & DN400 pipe to MH S3.1a		1	22-Jun-18	22-Jun-18	22-Jun-18	22-Jun-18	0%	0%	0	I	1		A29	30				<u> </u>
	Pressure Test		4	23-Jun-18	27-Jun-18	23-Jun-18	27-Jun-18	0%	0%	0				A29	550	-			
A29550																			

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	0 02 Jun 2018) (CMWP 8D)				_	_		-		-										
Activity ID	Activity Name		CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	е	May			June 33		July 34	-	Au	igust 35
			Dui.	(Do) Start	(Do) FINISH	Forecast Start	FILISTI	% Complete	Complete	(+/-u)	30 07	14	21 28	B 04	11 18	25 02	09 16	23 30	J 06	13 20 2
Grd Lvl - Ste	orm / Drainage Connection (Outside SPS)																			
A37260	Sewerage - Install 450 / 300 Storm Drainage	ge Pipes & Testing	5	19-Jan-18	24-Jan-18	09-Jan-18 A	01-Jun-18	100%	80%	-101	:			•						
A37280	Connect to Existing Storm Manholes & Back	kfill	5	19-Jan-18	24-Jan-18	10-Jan-18 A	02-Jun-18	100%	60%	-102										
A37290	Completed Storm Drain + Report		13	25-Jan-18	08-Feb-18	15-Jan-18 A	06-Jun-18	100%	61.54%	-92	1	+ +		-						
A37300	Inform DSD for Inspection of Storm Drain		6	04-Jun-18	09-Jun-18	04-Jun-18	09-Jun-18	0%	0%	0	-		Δ37300							
A37310	DSD Inspection		1	11-Jun-18	11-Jun-18	11-Jun-18	11-Jun-18	0%	0%	0				37310						
Adjacent SF	S to Center of At Grade Road																			
A29790	Backfill, Extract Sheet Piles and Reinstate Pa	avement	5	03-Mar-17	09-Mar-17	03-Mar-17 A	01-Jun-18	100%	81.25%	-363										
	Grade Road to MH_2a.1						0.000													
A38030	Excavate trial trench for existing undergroun	nd utilities	6	20-Jan-18	26-Jan-18	20-Dec-17 A	01-Jun-18	100%	83.33%	-99	:	-: :	- 1							
A38040	Drive In Sheet Piles	nu utilities	2	27-Jan-18	29-Jan-18	23-Dec-17 A	02-Jun-18	100%	0%	-98	-		- 1							
A38050	Excavate to invert level and install struts		6	30-Jan-18	05-Feb-18	02-Jan-18 A	04-Jun-18	100%	50%	-93		ii.		<u> </u>						
A38060	Laydown DN300 between MH6_2a.1 to Cent	nter of at Grade Road (Approx. 9m)	3	06-Feb-18	08-Feb-18	03-Jan-18 A	05-Jun-18	100%	0%	-91	- :	1 1	- 1							
A38070	Pressure Test		3	09-Feb-18	12-Feb-18	05-Jan-18 A	06-Jun-18	100%	0%	-89			- 1							
A38080	Backfill, Extract Sheet Piles and Reinstate Pa	avement	6	13-Feb-18	22-Feb-18	08-Jan-18 A	07-Jun-18	100%	0%	-84	-		- 1							
Grd Lvl - Ex	ternal Storm Drainage Connection																			
A37450	Inform DSD for Inspection		6	22-Nov-17	28-Nov-17	06-Jul-17 A	12-Jun-18	100%	0%	-156					•					
A37460	DSD Inspection & Acceptance Test		11	13-Jun-18	26-Jun-18	13-Jun-18	26-Jun-18	0%	0%	0				A37460		4				
WSD																				
Water Main V	Vorks at Portion M01 (Refer to M+ MEP Prog	gramme)																		
A29820	Remove existing hoarding fixed to Sheet pile	e	3	01-Jun-18	04-Jun-18	01-Jun-18	04-Jun-18	0%	0%	0	1	А	29820							
A29830	Install a new hoarding with 500mm clearan	nce from roadside	3	05-Jun-18	07-Jun-18	05-Jun-18	07-Jun-18	0%	0%	0	1		A2983	o 🔲						
A29840	Excavate Trench in footway to expose PIW w	watermains & Cut Down Sheet Piles	2	08-Jun-18	09-Jun-18	08-Jun-18	09-Jun-18	0%	0%	0	1		A29	840						
A29850	Lay 2Nos of DN150 DI Fresh Water Pipe & 1		5	11-Jun-18	15-Jun-18	11-Jun-18	15-Jun-18	0%	0%	0	-			29850	_					
A29860	Pressure test (By PIW Contractor)		6	16-Jun-18	23-Jun-18	16-Jun-18	23-Jun-18	0%	0%	0	-			A298	_ii					
A29870	Remove the Blank Flanges & Make Final Cor	onnection	2	25-Jun-18	26-Jun-18	25-Jun-18	26-Jun-18	0%	0%	0	-			AZJO	A29870	.				
A29880	Backfill & Reinstate to Ground Level	milection	3	27-Jun-18	29-Jun-18	27-Jun-18	29-Jun-18	0%	0%	0	-				A29880	11: 1:				
A29890	Handover to PIW for footway pavement cons	noteriotics /IC Apply D1 #2C 1E Avg 17)	0	27-3011-10	29-Jun-18	27-3011-18	29-Jun-18	0%	0%	0	- 				A/25000		4- DD4/ 6-4			onstruction (I
	Vorks at Portion M17	istraction (15 Applux D1, #30-13 Aug 17)	0		25°JUII°18		29-3011-16	0/8	078	0						o Fiandoye	ii to Fiw io	iootwayp	Javemen, u	Jiisti,uction,(i.
A29940	Excavate Trench for DN150 pipe along gridling	·	14	28-Mar-18	18-Apr-18	27-Jan-18 A	07-Jun-18	100%	57.14%	-41			- 1							
								100%			-		- 1							
A29950	Lay down and install DN 150 pipe and conne		13	18-Apr-18	04-May-18	31-Jan-18 A	08-Jun-18	10070	46.15%	-29	-:				.					
A29920	Construct M+ Street Fire Hydrant & FS Pipe		11	14-Mar-18	27-Mar-18	29-Jan-18 A	11-Jun-18	100%	18.18%	-59	i									
A29960	Construct End Block and Washout Tee with v		9	06-Feb-18	20-Feb-18	01-Feb-18 A	11-Jun-18	100%	0%	-90		1 1			_					
A29970	Lay down and install remaining DN150 pipe	2	6	20-Feb-18	27-Feb-18	01-Feb-18 A	13-Jun-18	100%	0%	-86	-				-					
A29980	Pressure Test		3	14-Jun-18	16-Jun-18	14-Jun-18	16-Jun-18	0%	0%	0	-	+	- 1		-					
A29990	Swabbing Test		3	19-Jun-18	21-Jun-18	19-Jun-18	21-Jun-18	0%	0%	0		-			=					
A30000	Sterilization		6	22-Jun-18	28-Jun-18	22-Jun-18	28-Jun-18	0%	0%	0						=				
A30010	Lab Test		6	29-Jun-18	06-Jul-18	29-Jun-18	06-Jul-18	0%	0%	0										
A30020	Backfill to adjacent ground level		2	07-Jul-18	09-Jul-18	07-Jul-18	09-Jul-18	0%	0%	0	1									
A30030	Connection of Watermain (IS Appendix D1, #	#37, 31 October 2017)	0		09-Jul-18		09-Jul-18	0%	0%	0						9	Connection	of Water	main (IS Ar	ppendix D1, #3
	- Grd LvI - Watermain (Outside SPS) to PIW																			
A30110	Lab Test		11	18-Nov-17	30-Nov-17	14-Nov-17 A	07-Jun-18	100%	50%	-150		+ +	_							
A30120	Watermain Final Connection		3	07-Jun-18	11-Jun-18	07-Jun-18	11-Jun-18	0%	0%	0			A30	120	r					
	- Grd LvI - External Watermain Connection t	to PIW																		
A30190	Lab Test		11	26-May-18	07-Jun-18	19-May-18 A	07-Jun-18	45.45%	50%	1	V3(0190								
A30190 A30200	Watermain Final Connection		3	07-Jun-18	11-Jun-18	07-Jun-18	11-Jun-18	45.45%	0%	0	- Mai		A30	00						
A30200 A30220	Watermain Final Connection Backfill to Ground Level		-								-		A30	A30220						
	Backfill to Ground Level		6	11-Jun-18	19-Jun-18	11-Jun-18	19-Jun-18	0%	0%	0	_			A30220					-	
Power																				
.	11kV at Footpath adjacent to Entrance Port	tal (Interface with PIW)			,			,												
A30270	Lay Lead-in Cable (by CLP) & Inspection		27	01-Jun-18	04-Jul-18	01-Jun-18	04-Jul-18	0%	0%	0		А	30270		1 1					
A30280	Backfilling footway to adjacent ground level		3	05-Jul-18	07-Jul-18	05-Jul-18	07-Jul-18	0%	0%	0					А	30280				
Power Cable	11Kv at Gridline A / 1-3																			
A30310	Lay Lead-in Cable (by CLP) & connect to distr	trict-wide system	27	01-Jun-18	04-Jul-18	01-Jun-18	04-Jul-18	0%	0%	0		А	30310		, ,					
Power Cable	11Kv at Gridline A / 3-14																			
												<u> </u>						$ \stackrel{\cdot}{-}$		

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A30390 Power Cable 11F		CMWP Dur.	(D8") Start	(D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		32		33		34		35
A30390 Telephone Power Cable 11 Powe																2 20 06	13 20
Power Cable 111					<u> </u>					30 07	14 21	20 04	11 10	25 02 0	5 10 2	.5 30 00	13 20
	Test & Inspection	27	02-Jun-18	05-Jul-18	02-Jun-18	05-Jul-18	0%	0%	0		A3039	نے ا					
	Kv at Gridline A-C / 14																
	Tests & inspection	1	01-Jun-18	01-Jun-18	01-Jun-18	01-Jun-18	0%	0%	0		A30410	·					
	lkv at Gridline C-M / 14																
	Tests & inspection	3	01-Jun-18	04-Jun-18	01-Jun-18	04-Jun-18	0%	0%	0		A30440						
Power Cable 11	Ky at Gridline 13-14 / M	-	1		0.000		47-					П					
A30460 (Construct Cable Trench / Tunnel & Install Cable Ducts (Approx 18m)	4	01-Jun-18	05-Jun-18	01-Jun-18	05-Jun-18	0%	0%	0		A30460						
	Lay power lead-in (by CLP) & Inspection	53	01-Jun-18	04-Aug-18	01-Jun-18	04-Aug-18	0%	0%	0	l		·i.					
	DCS to M+ Seawater Pump Cells	33	01 3411 10	04 7 kg 10	01 3411 10	047/dg 10	0,0	0,0	, and the second								
	Excavate trench & Install Shoring from DCS to M+ Seawater Pump Cells	4	04-Jun-18	07-Jun-18	04-Jun-18	07-Jun-18	0%	0%	0								
	Construct Cable Trench & Lay 4Nos of DN150 & 5Nos of DN100 Cable Duct	11	08-Jun-18	21-Jun-18	08-Jun-18	21-Jun-18	0%	0%	0			1					
									0				-	_			
	Construct 6 Nos of Drawpit	16	08-Jun-18	27-Jun-18 04-Jul-18	08-Jun-18	27-Jun-18	0%	0%		ļļ							
	Cable Pulling from DCS to Seawater Pump Cells	5	28-Jun-18		28-Jun-18	04-Jul-18	471	***	0					T :			
A30520 E	Backfill to Existing Ground Level	4	31-Jul-18	04-Aug-18	31-Jul-18	04-Aug-18	0%	0%	0								
	ation 1004																
Gas Main at Port																	
	connection along Gridline E' - I' / 1'		1								-	1					
	Trial Trench for Underground Utilities	9	04-Jun-18	13-Jun-18	04-Jun-18	13-Jun-18*	0%	0%	0								
	Install support for existing Underground Utilities	6	14-Jun-18	21-Jun-18	14-Jun-18	21-Jun-18	0%	0%	0								
A30720	Excavate Trench for Main Gas 100mm and install shoring	8	22-Jun-18	30-Jun-18	22-Jun-18	30-Jun-18	0%	0%	0								
A30730 I	Lay down Main Gas 100mm (by Towngas Specialist Contractor)	13	03-Jul-18	17-Jul-18	03-Jul-18	17-Jul-18	0%	0%	0						-		
A30740	Backfill Trench to Ground Level	4	18-Jul-18	21-Jul-18	18-Jul-18	21-Jul-18	0%	0%	0						=		
A30750	Testing and Inspection	5	23-Jul-18	27-Jul-18	23-Jul-18	27-Jul-18	0%	0%	0						_	•	
Gas Main M+ al	along Gridline 2-9/A											N					
A30760 E	Excavate Trench for Main Gas and install shoring	11	06-Jun-18	19-Jun-18	15-Jan-18 A	13-Jun-18	0%	2%	4				<u> </u>				
A30770 (Construct and Lay down 350x350mm concrete pipe bench	11	01-Jun-18	13-Jun-18	01-Jun-18	13-Jun-18	0%	0%	0		A30770						
A30780 I	Lay down and install DN100 gas main (by Towngas Specialist Contractor)	25	26-Jun-18	26-Jul-18	16-Jan-18 A	27-Jun-18	0%	12%	23	+ +	- + +		-			,	
A30800	Testing and Inspection	4	27-Jun-18	30-Jun-18	27-Jun-18	30-Jun-18	0%	0%	0	l							
A30790 E	Backfill trench at M+ to adjacent level	6	26-Jul-18	02-Aug-18	17-Jan-18 A	30-Jun-18	0%	0%	26	1					\rightarrow		
Telecom/ICT/FTN	NS			-											_		
Telecom @ Grid	dline C-M/14																
A30810 0	Completion for Construction of Power Cable Trench/Tunnel	0		30-Jun-18		30-Jun-18	0%	0%	0			_		Complet	ion for Const	uction of Powe	r Cable Tren
	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 100m)	5	03-Jul-18	07-Jul-18	03-Jul-18	07-Jul-18	0%	0%	0	lii		-		Y			
	Construct 5# 28 DN100 FTNS drawpit @ gridline C-M/14	16	09-Jul-18	26-Jul-18	09-Jul-18	26-Jul-18	0%	0%	0						- :		
	Notify Telecom and request installation of cables	0		26-Jul-18		26-Jul-18	0%	0%	0							Notify Teleco	orb and requi
Telecom @ Grid	· · · · · · · · · · · · · · · · · · ·			20 301 10		20 301 20	0,0	0,0	, and the second						•	101, 10.00	i iii iicqu
	Completion for Construction of Power Cable Trench/Tunnel	0		08-Jun-18	<u> </u>	08-Jun-18	0%	0%	0			• •	moletion f	or Construction o	of Phwer Cab	e Trench/Turn	al
		2	00 lun 10		09-Jun-18		0%	0%	0	 -			pietion T		" rower Cabl	e renery runne	
	Lay 28Nos of DN100 Ducting @ A-C/14 (Approx. 30m)		09-Jun-18	11-Jun-18		11-Jun-18			0			11 7.	_				
	Construct 1# 28 DN100 FTNS drawpit @ gridline A-C/14	4	12-Jun-18	15-Jun-18	12-Jun-18	15-Jun-18 15-Jun-18	0%	0%	0			11 1	-				
	Notify Telecom and request installation of cables	0		15-Jun-18		15-Jun-18	0%	0%	0				Notity	Telecom and red	juest installat	non of cables,	
	dline M/12-14 (Portion M15)		00.1.1.1	42.000	00 / 1 00	47.1.1.0	07	or'									
	Construct ICT & ELV drawpits @ Gridline M/12-14	8	09-Jul-18	17-Jul-18	09-Jul-18	17-Jul-18	0%	0%	0		-	14					
	Notify Telecom and request installation of cables	0		17-Jul-18		17-Jul-18	0%	0%	0						Notify Notify	Telecom and r	equest insta
	t Testing (By Telco)						,										
	Cable Laying & Testing (By Telco) @ GL M/14-12	2	18-Jul-18	19-Jul-18	18-Jul-18	19-Jul-18	0%	0%	0						=		
	Cable Laying & Testing (By Telco) @ GL A-M/14	11	27-Jul-18	08-Aug-18	27-Jul-18	08-Aug-18	0%	0%	0		\rightarrow	41 1					
Backfilling and E	EVA																
Backfilling																	
A31050 E	Backfilling to +6.50mPD	11	16-Sep-17	28-Sep-17	08-Aug-17 A	09-Jun-18	100%	30%	-203		-						
A31060 E	Backfilling to +8.50mPD	16	13-Sep-17	30-Sep-17	08-Oct-17 A	15-Jun-18	100%	20%	-206			+ +	-				
A31070 E	Backfilling to +10.50mPD	16	03-Apr-18	21-Apr-18	12-Mar-18 A	15-Jun-18	100%	20%	-45	+ +	- 	 	-				
	Backfilling to +12.70mPD	16	15-Jun-18	06-Jul-18	15-Jun-18	06-Jul-18	0%	0%	0	-		J					

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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140) (27 May to 02 Jun 2018) (CMWP 8D)	CMWP CMWP - R0 CMV	WP - R0 Actual /	A-4	Di	A - 4 1 0/	Flatab Vastana	May Han Allere
tivity ID Activity Name		WP - R0 Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)	32 33 34 35
A31090 Construct EVA South of ICP (+5.00mPD)	8 07-Jul-18 17-J	ul-18 07-Jul-18	17-Jul-18	0%	0%	0	30 07 14 21 28 04 11 18 25 02 09 16 23 30 06 13 20
<u> </u>				0%		0	4
A31100 Construct EVA (+8.50mPD) Fuel Tank	8 30-Aug-18 08-S	Sep-18 30-Aug-18	08-Sep-18	0%	0%	0	
							.
A31250 Excavate to Base Slab & Wall of Fuel Tank		un-18 09-Jun-18	23-Jun-18	0%	0%	0	
A31260 Construct Bottom Level of Fuel Oil Storage Tank		ul-18 23-Jun-18	07-Jul-18	0%	0%	0	
A31270 Mechanical Fitting	16 07-Jul-18 26-J	ul-18 07-Jul-18	26-Jul-18	0%	0%	0	<u> </u>
A38020 T&C of Fuel Oil Storage Tank	6 26-Jul-18 02-A	Aug-18 26-Jul-18	02-Aug-18	0%	0%	0	
A31280 Construct Top Level of Fuel Oil Storage Tank	13 02-Aug-18 17-A	Aug-18 02-Aug-18	17-Aug-18	0%	0%	0	
A31290 Backfill	11 17-Aug-18 30-A	Aug-18 17-Aug-18	30-Aug-18	0%	0%	0	
M+ ABWF & MEP							
RC Structure Completon & De-proping Date							
M+ Basement & Podium							
B2/F							
Scheduled De-proping							
AS-B2-10330 Scheduled De-proping - Zone T - CSF - B2F	11 24-Jun-17 07-J	ul-17 20-Jun-17 A	09-Jun-18	100%	33.33%	-273	
AS-B2-10370 Scheduled De-proping - Zone D1 - B2F		un-18 06-Jun-18	20-Jun-18	0%	0%	0	<u></u>
AS-B2-10100 Scheduled De-proping - Zone A4-A5 - B2F		un-18 05-Jun-18	20-Jun-18	0%	0%	0	
AS-B2-10340 Scheduled De-proping - Zone U - RDE - B2F		un-18 05-Jun-18	20-Jun-18	0%	0%	0	AS-B2-10340
AS-B2-10360 Scheduled De-proping - Zone C - B2F		un-18 07-Jun-18	21-Jun-18	0%	0%	0	-
		un-18 07-Jun-18		0%	0%	0	
AS-B2-10400 Scheduled De-proping - Zone H - B2F			21-Jun-18				
AS-B2-10350 Scheduled De-proping - Zone Q - B2F		ul-18 29-Jun-18	13-Jul-18	0%	0%	0	4 i i i i
AS-B2-10730 Scheduled De-proping - Zone B - B2F	11 15-Aug-18 27-A	Aug-18 15-Aug-18	27-Aug-18	0%	0%	0	<u> </u>
B1/F							
RC Completion				,			
AS-B1-10005 RC Completion - Zone A4-A5 - B1F (GL 2-7/D-H)	0 05-J	un-18	05-Jun-18	0%	0%	0	RC Completion - Zone A4-A5 - B1F (GL 2-7/D-H),
AS-B1-10290 RC Completion - Zone D1 - B1F @ GL 7'-4/K-M	0 06-J	un-18	06-Jun-18	0%	0%	0	RC Completion - Zone D1 - B1F @ GL 7'-4/K-M,
AS-B1-10030 RC Completion - Zone H - B1F @ GL 11-14/K-M	0 07-J	un-18	07-Jun-18	0%	0%	0	RC Completion - Zone H - BIF @ GL 11-14/K-M
AS-B1-10020 RC Completion - Zone J - B1F @ GL 12-14/G-H	0 27-J	un-18	27-Jun-18	0%	0%	0	RC Completion - Zone J - B1F @ GL 12-14/G-H,
AS-B1-10300 RC Completion - Zone Q - B1F @ GL 6-7/E-F	0 29-J	un-18	29-Jun-18	0%	0%	0	RC Completion - Zone Q - B1F @ GL 6-7/E-F,
AS-B1-10280 (no B1) RC Completion - Zone B - B1F @ GL 6-7/E-J	0 07-J	ul-18	07-Jul-18	0%	0%	0	(no B1) RC Completion - Zone B - B1F @ GL
AS-B1-10080 RC Completion - Zone K & L - B1F @ GL 8-10/H-K, GL 12/G-H	0 10-J	ul-18	10-Jul-18	0%	0%	0	RC:Completion - Zone K & L - B1F @ GL 8-
Scheduled De-proping		,					
AS-B1-10230 Scheduled De-proping - Zone R - B1F (GL 6'-7'/A-J')	11 24-Jun-17 07-J	ul-17 16-Jun-17 A	06-Jun-18	100%	58.33%	-271	
AS-B1-10240 Scheduled De-proping - Zone E1 - B1F (GL 8-11/C-D)		un-18 01-Jun-18	13-Jun-18	0%	0%	0	AS-81-10240
AS-B1-10180 Scheduled De-proping - Zone T - CSF - B1F (GL 1'-6'/A'-F')		un-18 06-Jun-18	13-Jun-18	0%	0%	0	
AS-B1-10250 Scheduled De-proping - Zone E - B1F (GL 8-11/A-C)		un-18 01-Jun-18	13-Jun-18	0%	0%	0	AS-B1-10250
AS-B1-10340 Scheduled De-proping - Zone S - B1F		un-18 04-Jun-18	16-Jun-18	0%	0%	0	
		un-18 07-Jun-18	21-Jun-18	0%	0%	0	-
AS-B1-10160 Scheduled De-proping - Zone H - B1F (GL 11-14/K-M)						0	
AS-B1-10170 Scheduled De-proping - Zone U - RDE - B1F (GL 1'-6'/F'-J')		un-18 14-Jun-18	27-Jun-18	0%	0%		
AS-B1-10330 Scheduled De-proping - Zone A4-A5 - B1F		un-18 13-Jun-18	28-Jun-18	0%	0%	0	AS-01-10330
AS-B1-10970 (no B1)Scheduled De-proping - Zone B - B1F (GL 5-7/E-J)		ul-18 09-Jul-18	20-Jul-18	0%	0%	0	
AS-B1-10980 Scheduled De-proping - Zone Q - B1F (GL 5-7/D-F)		Aug-18 19-Jul-18	01-Aug-18	0%	0%	0	
AS-B1-10150 Scheduled De-proping - Zone J - B1F (GL 12-14/G-H)		Aug-18 31-Jul-18	11-Aug-18	0%	0%	0	
AS-B1-10140 Scheduled De-proping - Zone G - B1F (GL 11-14/A-H)	11 02-Aug-18 15-A	Aug-18 02-Aug-18	15-Aug-18	0%	0%	0	
AS-B1-10700 Scheduled De-proping - Zone D1 - B1F GL (7'-4/K-M)	11 10-Aug-18 23-A	Aug-18 10-Aug-18	23-Aug-18	0%	0%	0	
AS-B1-10990 Scheduled De-proping - Zone F - B1F	11 20-Aug-18 31-A	Aug-18 20-Aug-18	31-Aug-18	0%	0%	0]
AS-B1-10130 Scheduled De-proping - Zone A1-A3 - B1F (GL 2-7/A-D)	12 25-Aug-18 08-S	Sep-18 25-Aug-18	08-Sep-18	0%	0%	0	AS-B1-10130
LG/F							
Scheduled De-proping							
Concurred De-propring					00/	0	• • • • • • • • • • • • • • • • • • •
	11 11-Jun-18 23-J	un-18 11-Jun-18	23-Jun-18	0%	0%	U	A\$-LG-10040 : : : : : : : : : : : : : : : : : :
AS-LG-10040 Scheduled De-proping - RDE - LGF (GL 1'-6'/F'-J')							A\$-LG-10040
		un-18 11-Jun-18 un-18 13-Jun-18	23-Jun-18 26-Jun-18	0%	0%	0	A5-IC-10040
AS-LG-10040 Scheduled De-proping - RDE - LGF (GL 1'-6'/F'-1') AS-LG-10030 Scheduled De-proping -CSF - LGF (GL 1'-6/D'-f') G/F							
AS-LG-10040 Scheduled De-proping - RDE - LGF (GL 1'-6'/F-J') AS-LG-10030 Scheduled De-proping -CSF - LGF (GL 1'-6/D'-J')	11 13-Jun-18 26-J						

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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	Activity Name		CMWP	CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance		May		Jur	ne		July	/	lugust
			Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	30 07	32	21 2	30 04 11	18 2	5 02 09	34	23 30 06	13 20 1
AS-GF-10440	0 RC Completion - Zone S and R (EVA Area)		0		05-Jul-18		05-Jul-18	0%	0%	0								Zoné S and R (EVA	
AS-GF-10080	0 RC Completion - Zone C GF (GL 1-5/H-K)		0		07-Jul-18		07-Jul-18	0%	0%	0						RC (Completion	- Zone C GF (GL	-5/H-K),
AS-GF-10730	0 RC Completion - Zone Q - GF		0		19-Jul-18		19-Jul-18	0%	0%	0	1						RC (Completion - Zone	Q - GF,
AS-GF-10160	0 RC Completion - Zone J GF (3F GL 11-14/H-F)		0		30-Jul-18		30-Jul-18	0%	0%	0								RC Comple	tion - Zone J G
AS-GF-10390	0 RC Completion - Zone G - GF (GL 11-14/A-H)		0		02-Aug-18		02-Aug-18	0%	0%	0								RC Com	oletion - Zone
AS-GF-10090	0 RC Completion - Zone D1 GF (3F GL 1-5/K-M)		0		10-Aug-18		10-Aug-18	0%	0%	0		1			1			8	C Completion
AS-GF-10100	0 RC Completion - Zone D2 GF (GL 5-7/H-M)		0		20-Aug-18		20-Aug-18	0%	0%	0									RC Co
AS-GF-10740	0 RC Completion - Zone F - GF		0		20-Aug-18		20-Aug-18	0%	0%	0									RC Co
AS-GF-10120	0 RC Completion - Zone P GF (GL 8-11/D-H)		0		20-Aug-18		20-Aug-18	0%	0%	0									RC Go
Scheduled De	De-proping																		Ĭ
AS-GF-10310	0 Scheduled De-proping - Zone E1 GF (GL 8-11/C-D)		11	04-Jun-18	15-Jun-18	04-Jun-18	15-Jun-18	0%	0%	0					†				
AS-GF-10300	0 Scheduled De-proping - Zone E GF (GL 8-12/A-C)		12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0	1								
	0 Scheduled De-proping - Zone A1 GF (3F GL 2-4/A-E)		12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0	1								
	0 Scheduled De-proping - Zone A2 GF (3F GL 4-6/A-E)		12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0	1								
	0 Scheduled De-proping - Zone M West Core Wall GF (3F GL	7-8/A-D)	12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0	1								
	0 Scheduled De-proping - Zone N East Core Wall GF (3F GL 7		12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0				-	·				
	0 Scheduled De-proping - Zone D2 GF (3F GL 5-7/H-M)	, o, c,	12	04-Jun-18	16-Jun-18	04-Jun-18	16-Jun-18	0%	0%	0	1								
	0 Scheduled De-proping - Zone G GF (3F GL 11-14/A-F)		11	07-Jun-18	20-Jun-18	07-Jun-18	20-Jun-18	0%	0%	0	-								
	0 Scheduled De-proping - Zone A4 GF (3F GL 2-4/E-H)		12	06-Jun-18	20-Jun-18	06-Jun-18	20-Jun-18	0%	0%	0	-								
			12		20-Jun-18	06-Jun-18	20-Jun-18	0%	0%	0									
	0 Scheduled De-proping - Zone A5 GF (3F GL 4-6/E-H)			06-Jun-18		***************************************		***			ļ				Ξ				
	0 Scheduled De-proping - Zone P GF (3F GL 8-11/D-H-J)		12	07-Jun-18	21-Jun-18	07-Jun-18	21-Jun-18	0%	0%	0	-								
	0 Scheduled De-proping - Zone D1 GF (3F GL 1-5/K-M)		12	13-Jun-18	27-Jun-18	13-Jun-18	27-Jun-18	0%	0%	0	-					.			
	0 Scheduled De-proping - Zone A3 GF (3F GL 6-7/A-E)		12	13-Jun-18	28-Jun-18	13-Jun-18	28-Jun-18	0%	0%	0					1 1	'			
	0 Scheduled De-proping - Zone J GF (3F GL 11-14/H-F)		11	11-Jul-18	24-Jul-18	11-Jul-18	24-Jul-18	0%	0%	0	1					-			
	0 Scheduled De-proping - Zone B GF (3F GL 5-7/E-J)		12	27-Aug-18	10-Sep-18	27-Aug-18	10-Sep-18	0%	0%	0					ļ				
1/F																			
RC Completio																			
	D RC Completion - Zone J 1/F (GL 12-14/G-H)		0		26-Jul-18		26-Jul-18	0%	0%	0								RC Completion	1 1
	RC Completion - Zone G 1/F (GL 11-14/A-H)		0		02-Aug-18		02-Aug-18	0%	0%	0								RC Com	oletion - Zone
1M/F																			
RC Completion															ļļ				
AS-1M-10120	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G)		0		06-Aug-18		06-Aug-18	0%	0%	0								i * i	ompletion - Zo
AS-1M-10120 AS-1M-10050	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) RC Completion - Zone B 1MF (GL 5-7/E-J)		0		06-Aug-18 14-Aug-18		06-Aug-18 14-Aug-18	0%	0%	0								i * i	RC Comple
AS-1M-10120 AS-1M-10050 AS-1M-10000	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 0 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H)				-				***									i * i	RC Comple
AS-1M-10120 AS-1M-10050 AS-1M-10200 AS-1M-10200	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) RC Completion - Zone B 1MF (GL 5-7/E-J)		0		14-Aug-18		14-Aug-18	0%	0%	0								i * i	RC Comple
AS-1M-10120 AS-1M-10050 AS-1M-10000	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 0 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H)		0		14-Aug-18 25-Aug-18		14-Aug-18 25-Aug-18	0%	0%	0								i * i	RC Comple
AS-1M-10120 AS-1M-10050 AS-1M-10200 AS-1M-10200	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 0 RC Completion - Zone B 1MF (GL 5-7/E-J) 0 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 0 RC Completion - Zone Q 1MF (GL5-7/D-F)		0		14-Aug-18 25-Aug-18		14-Aug-18 25-Aug-18	0%	0%	0								i * i	RC Comple
AS-1M-10120 AS-1M-10050 AS-1M-10000 AS-1M-10200 2/F	0 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 0 RC Completion - Zone B 1MF (GL 5-7/E-J) 0 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 0 RC Completion - Zone Q 1MF (GL5-7/D-F)		0		14-Aug-18 25-Aug-18		14-Aug-18 25-Aug-18	0%	0%	0					*	\$ RC Completic	on - Zone J	i * i	RC Comple \$ F
AS-1M-10120 AS-1M-10050 AS-1M-10000 AS-1M-10200 2/F RC Completic	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F)		0 0 0		14-Aug-18 25-Aug-18 25-Aug-18		14-Aug-18 25-Aug-18 25-Aug-18	0% 0% 0%	0% 0% 0%	0 0 0					*	\$ RC Completic	on - Zone J 2	2F (GL 12-14/G-H	RC Comple \$ F
AS-1M-10120 AS-1M-10050 AS-1M-10000 AS-1M-10200 2/F RC Completic	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone J 2F (GL 12-14/G-H) 10 RC Completion - Zone B 2F (GL 6-7/E-H)		0 0 0		14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18		14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18	0% 0% 0%	0% 0% 0%	0 0 0					*	\$ RC Completio	on - Zone J 2	2F (GL 12-14/G-H	RC Comple \$ F
AS-1M-1012(AS-1M-1005(AS-1M-1000(AS-1M-1020(2/F RC Completic AS-2F-10110 AS-2F-10100 Scheduled De	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone J 2F (GL 12-14/G-H) 10 RC Completion - Zone B 2F (GL 6-7/E-H)		0 0 0	01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18	01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18	0% 0% 0%	0% 0% 0%	0 0 0					*	RC Completic	on - Zone J J	2F (GL 12-14/G-H	RC Comple \$ F
AS-1M-1012(AS-1M-1005(AS-1M-10000(AS-1M-10200(2/F RC Completie AS-2F-10110 AS-2F-10100 Scheduled De AS-2F-10170	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone J 2F (GL 12-14/G-H) 10 RC Completion - Zone B 2F (GL 6-7/E-H) 11 RC Completion - Zone B 2F (GL 6-7/E-H) 12 RC Completion - Zone B 2F (GL 6-7/E-H)		0 0 0 0 0 11	01-Jun-18 01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18	01-Jun-18 01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18	0% 0% 0% 0%	0% 0% 0% 0%	0 0 0					*	RC Completic	on - Zone J Z	2F (GL 12-14/G-H	RC Comple \$ F
AS-1M-10120 AS-1M-10050 AS-1M-10000 AS-1M-10200 2/F RC Completi AS-2F-10110 Scheduled D AS-2F-10170 AS-2F-10210	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone Q 2F (GL 12-14/G-H) 10 RC Completion - Zone B 2F (GL 6-7/E-H) 11 RC Completion - Zone B 2F (GL 6-7/E-H) 12 RC Completion - Zone B 2F (GL 6-7/E-H) 13 RC Scheduled De-proping - Zone D1 2F (GL 1-4/K-M)		0 0 0 0 0 11		14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18		14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18	0% 0% 0% 0% 0%	0% 0% 0% 0%	0 0 0 0 0					*	RC Completic	on - Zone J 2	2F (GL 12-14/G-H	RC Comple \$ F
AS-1M-10120 AS-1M-10050 AS-1M-10000 AS-1M-10200 2/F RC Completi AS-2F-10110 AS-2F-10100 Scheduled Dt AS-2F-10170 AS-2F-10210 AS-2F-10210 AS-2F-10240	10 RC Completion - Zone G 1MF (GL11-12/A-G & 12-14/A-G) 10 RC Completion - Zone B 1MF (GL 5-7/E-J) 10 RC Completion - Zone A1-A3 1MF (GL 2-7/A-H) 10 RC Completion - Zone Q 1MF (GL5-7/D-F) 10 RC Completion - Zone J 2F (GL 12-14/G-H) 10 RC Completion - Zone J 2F (GL 6-7/E-H) 11 RC Completion - Zone B 2F (GL 6-7/E-H) 12 Scheduled De-proping - Zone D1 2F (GL 1-4/K-M) 13 Scheduled De-proping - Zone D2 2F (GL 4-7/H-M)		0 0 0 0	01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18 13-Jun-18	01-Jun-18	14-Aug-18 25-Aug-18 25-Aug-18 25-Aug-18 27-Jun-18 14-Aug-18 13-Jun-18	0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0%	0 0 0 0 0 0 0 0					*	, RC Completic	on - Zone J 2	2F (GL 12-14/G-H	RC Comple \$ F
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Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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) (27 May to (02 Jun 2018) (CMWP 8D)																			
ID	Activity Name	CMWI Dur.		CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		32 32	<u>y</u>		June 33			July 34			August 35
AC 25 10070	DC Completion - Zone L25			13-Jul-18		13-Jul-18	0%	0%	0	30 0	37 1/	4 21	28 04	11	18 25	02			30 06	
	RC Completion - Zone J 3F	0															→ MC C	Jonipieuc	n - Zone J 3	
	RC Completion - Zone K Auditorium Beam & Slab	0		28-Aug-18		28-Aug-18	0%	0%	0	-										
	RC Completion - Zone B 3F	0		28-Aug-18		28-Aug-18	0%	0%	0											
Scheduled De			22.1	101 10		10.1.10	221	221		4 1			<u> </u>							
	Scheduled De-proping - Zone M 3F West Core Wall		01-Jun-18	13-Jun-18	01-Jun-18	13-Jun-18	0%	0%	0	_				三 :						
	Scheduled De-proping - Zone N 4F East Core Wall		01-Jun-18	13-Jun-18	01-Jun-18	13-Jun-18	0%	0%	0	1				=		4	ļļ			
	Scheduled De-proping - Zone G 3F & 1F Escalator Structure	11		20-Jun-18	07-Jun-18	20-Jun-18	0%	0%	0	_			-	7						
	Scheduled De-proping - Zone E1&E2 3F	11		21-Jun-18	08-Jun-18	21-Jun-18	0%	0%	0	_				==						
	Scheduled De-proping - Zone H 3F (Remaining section)	11		27-Jun-18	13-Jun-18	27-Jun-18	0%	0%	0											
AS-3F-10350	Scheduled De-proping - Zone H 2F	11	13-Jun-18	27-Jun-18	13-Jun-18	27-Jun-18	0%	0%	0	_										
AS-3F-10260	Scheduled De-proping - Zone C 3F	11	15-Jun-18	28-Jun-18	15-Jun-18	28-Jun-18	0%	0%	0					-			<u> </u>			
AS-3F-10280	Scheduled De-proping - Zone A4 3F	11	15-Jun-18	28-Jun-18	15-Jun-18	28-Jun-18	0%	0%	0					=						
AS-3F-10400	Scheduled De-proping - Zone A3 3F	11	20-Jun-18	03-Jul-18	20-Jun-18	03-Jul-18	0%	0%	0											
AS-3F-10410	Scheduled De-proping - Zone A5 3F	11	20-Jun-18	03-Jul-18	20-Jun-18	03-Jul-18	0%	0%	0	1						-				
AS-3F-10320	Scheduled De-proping - Zone A1 3F	11	20-Jun-18	03-Jul-18	20-Jun-18	03-Jul-18	0%	0%	0	1						-				
AS-3F-10330	Scheduled De-proping - Zone A2 3F	11	20-Jun-18	03-Jul-18	20-Jun-18	03-Jul-18	0%	0%	0							#				
AS-3F-10380	Scheduled De-proping - Zone D1 3F	11	20-Jun-18	03-Jul-18	20-Jun-18	03-Jul-18	0%	0%	0	T						-			T	
AS-3F-10310	Scheduled De-proping - Zone K & L LGF	11	22-Jun-18	06-Jul-18	22-Jun-18	06-Jul-18	0%	0%	0	1						-				
+ Tower RC St	tructure								l.											
AS-M+10050	9/F Curing & Falseworks Stripping	0		04-Jun-18	1	04-Jun-18	0%	0%	0	1			2 9/	F Curing	& Falsewo	orks Strip	ping,			
AS-M+10070	11/F Curing & Falseworks Stripping	0		21-Jun-18		21-Jun-18	0%	0%	0				ľ		- 1	- 11: - 1	Falsework	ks Strippi	ig,	
	12/F Curing & Falseworks Stripping	0		10-Jul-18		10-Jul-18	0%	0%	0						-				alseworks St	tripping
	13/F Curing & Falseworks Stripping	0		27-Jul-18		27-Jul-18	0%	0%	0	-							1		13/F Curing	1 1
	14/F Curing & Falseworks Stripping	0		14-Aug-18		14-Aug-18	0%	0%	0	-								×		\$ 14/F
	15/F Curing & Falseworks Stripping	0		31-Aug-18		31-Aug-18	0%	0%	0	- 1										\$ 147.
SF RC Structu		0		31-Aug-10		31 Aug 10	070	070	Ü											
	6/F Curing & Falseworks Stripping	0	4	15-Jun-18	4	15-Jun-18	0%	0%	0	4				-	E/E Curina	9 Ealcov	vorks Strip	nina		+
		0		10-Jul-18		10-Jul-18	0%	0%	0	-				\	b) r Curing					
	7/F Curing & Falseworks Stripping									- :							\ // Cu	IIIIg & Fa	seworks Str	
	8/F to +61mPD Curing & Falseworks Stripping	0		07-Aug-18		07-Aug-18	0%	0%	0										. 0	/F to +61n
DE RC Structu					4		201	201		4							I			
	5/F Curing & Falseworks Stripping	0		14-Jun-18		14-Jun-18	0%	0%	0					\$ 5/			orks Stripp			
	6/F Curing & Falseworks Stripping	0		27-Jun-18		27-Jun-18	0%	0%	0	_					8	6/F Curir	ng & False			
	7/F Curing & Falseworks Stripping	0		14-Jul-18		14-Jul-18	0%	0%	0	_							8 7/F	- 1	Falseworks	1 1
	8/F Curing & Falseworks Stripping	0		31-Jul-18		31-Jul-18	0%	0%	0										8/F Curi	i i
	9/F Curing & Falseworks Stripping	0		16-Aug-18		16-Aug-18	0%	0%	0											\$ 9/1
atertight Achie	eved									4							Lİ			
/I+ Podium																				
WA-PD-10000	Zone A Facade Installation Completed (2F GL1-8/A & 1/A-H)	0		31-Jul-18		31-Jul-18	0%	0%	0	7 :									Zone A F	acade Ins
WA-PD-10010	Zone M Facade Installation Completed (2F GL7-8/A-D)	0		01-Aug-18		01-Aug-18	0%	0%	0										🏅 Zone M	ı Facade Ir
WA-PD-10050	Zone P Plaza Skylight Installation Completed (3F GL6-7/E-H - FAC-SK-	-01,02) 0		27-Aug-18		27-Aug-18	0%	0%	0				_							
MEP Prelimi	inaries									-										
HVAC																-	· · · · · · · · · · · · · · · · · · ·			
65060	Shop Drawing Submission and Approval (M+ HVAC)	288	20-Oct-17	04-Aug-18	14-Nov-15 A	17-Jan-19	77.74%	20%	-166			فف	صف	_		نصف		صف	_	$\dot{-}$
+ Electrical																				
65070	Shop Drawing Submission and Approval (Electrical)	288	25-Nov-17	08-Sep-18	14-Dec-15 A	17-Jan-19	65.28%	20%	-130	ن ا		نصف	<u>نند</u>	_	-	أسطا	<u>نت</u>	<u>ن</u>	<u>نند</u>	<u></u>
+ P&D																				
	Shop Drawing Submission and Approval (Plumbing and Drainage)	288	25-Nov-17	08-Sep-18	24-Mar-16 A	17-Jan-19	65.28%	20%	-130	4			سننس			أستناد	<u> </u>	سنند		
FS		200	25 .101 17	30 3cp 13	24 Mill 20 A	17 30 13	03.2070	2070	130				T							
	Shop Drawing Submission and Anomal (Fire Society)	399	25-Nov-17	08-Sep-18	17-Jun-16 A	17-Jan-19	65.28%	20%	-130		خے		حنيه	نسنة		المرازا	خين	حظ		
F MEP Prelin	Shop Drawing Submission and Approval (Fire Services)	288	23-N0V-1/	no-26b-19	17-Jun-16 A	1/-Jan-19	03.∠8%	20%	-150		T									T
	illianes																			
- HVAC																	<u> </u>		<u>. </u>	1
	Shop Drawing Submission and Approval (CSF HVAC)	288	20-Oct-17	04-Aug-18	11-Apr-17 A	17-Jan-19	77.74%	20%	-166				+-		-	T:			\top	

Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

Page 48 of 50

	e Weeks Rolling Programme (5WRP- o 02 Jun 2018) (CMWP 8D)			_			•		•											
ity ID	Activity Name	CMWP Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32			June 33			July 34			August 35
		Ju.,	(50) 51011	(30)311	. orocact clart	1 111011	.v complete	Jonipioto	(., 0)	30 07	14	21 2	8 04	11 18	8 25	02	09 16	23	30 06	6 13
M+ P&D							Ţ <u></u>													
A65120	Shop Drawing Submission and Approval (Plumbing and Drainage)	288	25-Nov-17	08-Sep-18	16-Nov-16 A	28-Oct-18	65.28%	48%	-50						,	Į				
M+ FS																				
A65130	Shop Drawing Submission and Approval (Fire Services)	288	25-Nov-17	08-Sep-18	17-Jun-16 A	17-Jan-19	65.28%	20%	-130		+			_	_	1: :	=	7	-	$\overline{-}$
RDE MEP Pr	eliminaries																			
M+ FS																				
A65150	Shop Drawing Submission and Approval (Fire Services)	288	25-Nov-17	08-Sep-18	17-Jun-16 A	17-Jan-19	65.28%	20%	-130		-			_	—	1	_	_	_	_
M+ HVAC																1				
A65140	Shop Drawing Submission and Approval (RDE HVAC)	288	20-Oct-17	04-Aug-18	21-Nov-16 A	17-Jan-19	77.74%	20%	-166		-			÷	÷	نے	ب	نے		\leftarrow
M+ Electrical																				
A65170	Shop Drawing Submission and Approval (Electrical)	288	25-Nov-17	08-Sep-18	14-Dec-15 A	17-Jan-19	65.28%	20%	-130						ض	نصنا		نصف	<u>ن</u>	
M+ P&D																				
A65160	Shop Drawing Submission and Approval (Plumbing and Drainage)	288	25-Nov-17	08-Sep-18	14-Dec-16 A	17-Jan-19	65.28%	20%	-130			i				فسننف			<u> </u>	
	Items Cost Centre G (FS / OP non related items tentative for reference only)																			
	pose furniture at Conservation & Storage Facilities																			
P1A6000	CAI for Fixed & loose furniture at Conservation & Storage Facilities	0	12-Jun-18		12-Jun-18		0%	0%	0	+	+			CALfor	Fixed &	lmsa fu	rniturà at (ohsenat	ion & Stor	rage Faciliti
P1A6000 P1A6010	Fixed & loose furniture at Conservation & Storage Facilities Fixed & loose furniture at Conservation & Storage Facilities subletting		21-Jun-18	07-Aug-18	21-Jun-18	07-Aug-18	0%	0%	0	1			1 °	CALIUI	. IAC U OL	Suse i w	ueal	J. ISCI Vall	J.1 02 01011	uge raciill
P1A6010 P1A6050	Fixed & loose furniture at Conservation & Storage Facilities Subjecting Fixed & loose furniture at Conservation & Storage Facilities Design/Shop drawing submit & approval		08-Aug-18	22-May-19	08-Aug-18	22-May-19	0%	0%	0	 		ļ				-				<u> </u>
	rixed & loose furniture at Conservation & storage Facilities besign/snop drawing submit & approval	200	00-W08-10	22-ividy- 13	00-MUB-10	22-IVIdY-19	U76	U76	U	-									-	
· ·										- 1										
P1B6000	CAI for Fixed & loose furniture at M+ Tower		12-Jun-18		12-Jun-18		0%	0%	0	-			₹	CALtor	Fixed &	pose fur	rniture at N	1+ lower,	12-Jun-18	8
P1B6010	Fixed & loose furniture at M+ Tower subletting	48	21-Jun-18	07-Aug-18	21-Jun-18	07-Aug-18	0%	0%	0	1					_	1 :		1 1	TT-	
P1B6060	Fixed & loose furniture at M+ Tower Design/Shop drawing submit & approval	288	08-Aug-18	22-May-19	08-Aug-18	22-May-19	0%	0%	0	J						4				
-,	pose furniture at M+ Galleries									1			11 [
1C6000	CAI for Fixed & loose furniture at M+ Galleries	0	11-Jun-18		11-Jun-18		0%	0%	0				\$	CAI for F	Fixed & I	loose fur	niture at M	+ Gallerie	as, 11-Jun	-18
P1C6010	Fixed & loose furniture at M+ Galleries subletting	48	20-Jun-18	06-Aug-18	20-Jun-18	06-Aug-18	0%	0%	0						_	Ti i				
P1C6050	Fixed & loose furniture at M+ Galleries Design/Shop drawing submit & approval	288	07-Aug-18	21-May-19	07-Aug-18	21-May-19	0%	0%	0										_	
ID) Juke Bo	c equipement system & machinery									.		L				Ji		Jl	1	
P1D6000	CAI for Juke Box equipement system & machinery	0	09-Jun-18		09-Jun-18		0%	0%	0				\$ 0	Al far Jul	ke Box e	quipeme	nt system	& machin	iery, 09-Ju	ın-18
P1D6010	Juke Box equipement system & machinery subletting	48	18-Jun-18	04-Aug-18	18-Jun-18	04-Aug-18	0%	0%	0	1				_	—		-	-	=	
P1D6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing submit & approval	288	05-Aug-18	19-May-19	05-Aug-18	19-May-19	0%	0%	0	1									 	_
E) Fixed & I	pose furniture for Learning Centre																			
P1E6000	CAI for Fixed & loose furniture for Learning Centre	0	07-Jun-18		07-Jun-18		0%	0%	0				S CAI	for Fixe	d & loos	e furnit u	re for Learn	ning Cent	re, 07-Jun	1-18
P1E6010	Fixed & loose furniture for Learning Centre subletting	48	15-Jun-18	02-Aug-18	15-Jun-18	02-Aug-18	0%	0%	0		1		11-1-1			ضعمته		_	-	
P1E6060	Fixed & loose furniture at M+ Galleries Design/Shop drawing submit & approval	288	02-Aug-18	17-May-19	02-Aug-18	17-May-19	0%	0%	0	1 !										
F) Fixed & I	pose furniture for Moving Image Centre																			
1F6000	CAI for Fixed & loose furniture for Moving Image Centre	0	11-Jun-18		11-Jun-18		0%	0%	0	1			*	CAI for	Fixed &	loose fur	niture!for P	vloving Im	nage Cent	re, 11-Jun-
P1F6010	Fixed & loose furniture for Moving Image Centre subletting	48	20-Jun-18	07-Aug-18	20-Jun-18	07-Aug-18	0%	0%	0	1			II ř			li T				
P1F6070	Fixed & loose furniture for Moving Image Centre Design/Shop drawing submit & approval		07-Aug-18	22-May-19	07-Aug-18	22-May-19	0%	0%	0	+						1		7		<u> </u>
	pose furniture at M+ Workshop & BOH Area			, 25	-:	, 25	3,0			-										
21G6000	CAI for Fixed & loose furniture at M+ Workshop & BOH Area	0	15-Jun-18		15-Jun-18		0%	0%	0	1				♦ CAI	for Five	de loss	furniture a	at M± Wr	irkshon 9	ROH Are-
P1G6010	Fixed & loose furniture at M+ Workshop & BOH Area subletting	48	24-Jun-18	10-Aug-18	24-Jun-18	10-Aug-18	0%	0%	0	-				O LAIT	. J. I IAEU	1 iouse	. or reçuit d	CIVITY VV DI	nanop &	A HIEd,
P1G6080	·						471		-	-										
	Fixed & loose furniture at M+ Workshop & BOH Area Design/Shop drawing submit & approval	288	11-Aug-18	25-May-19	11-Aug-18	25-May-19	0%	0%	0	ļļ						4		4		
	t works for cafes at B1/F & L3/F									-										
P1H6000	CAI for Fitting out works for cafes at B1/F & L3/F	0	06-Jun-18		06-Jun-18		0%	0%	0	1			₹ CAI	or Fittin	g out wo	diks for ca	afes at B1/	F & L3/F,	06-Jun-18	8
P1H6010	Fitting out works for cafes at B1/F & L3/F subletting	48	14-Jun-18	31-Jul-18	14-Jun-18	31-Jul-18	0%	0%	0	1					_		_		1	
1H6090	Fitting out works for cafes at B1/F & L3/F Design/Shop drawing submit & approval	288	01-Aug-18	15-May-19	01-Aug-18	15-May-19	0%	0%	0											-
K) Fixed & I	pose furniture at M+ Shop including Espresso Bar									L		L						Jİ		
1K6000	CAI for Fixed & loose furniture at M+ Shop including Espresso Bar	0	12-Jun-18		12-Jun-18		0%	0%	0]			8	CAI for	Fixed&	bose for	rniture at N	л+ Shop i	ncluding F	spresso B
	Fixed & loose furniture at M+ Shop including Espresso Bar subletting	48	21-Jun-18	07-Aug-18	21-Jun-18	07-Aug-18	0%	0%	0					F	-		$\boldsymbol{=}$	ightarrow		
P1K6010	Tixed & loose fulfillate at 1911 Shop melading Espresso ball subjecting					22-May-19	0%	0%	0	1					- 1	E 1	1		1 📜	
	Fixed & loose furniture at M+ Shop including Espresso Bar Design/Shop drawing submit & approval	288	08-Aug-18	22-May-19	08-Aug-18	22-IVIAY- 19	0/6	0,0	-				1 1 1		- 1	11 1				
P1K6100		288	08-Aug-18	22-May-19	08-Aug-18	22-IVIAY- 19	0/6	0,0											-	
P1K6100 A) Non digit	Fixed & loose furniture at M+ Shop including Espresso Bar Design/Shop drawing submit & approval	288	08-Aug-18 04-Jun-18	22-May-19	08-Aug-18 04-Jun-18	22-Iviay- 19	0%	0%	0				CAI fo	r Non die	zital way	finding	signage &	digital sig	3nage, 04	-Jun-18
P1K6010 P1K6100 2A) Non digit P2A6000 P2A6010	Fixed & loose furniture at M+ Shop including Espresso Bar Design/Shop drawing submit & approval al way-finding signage & digital signage			22-May-19 29-Jul-18		22-Way-19							CAI fo	r Non dig	gital way	y finding	signage &	digital siį	gnage, 04	-Jun-18

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

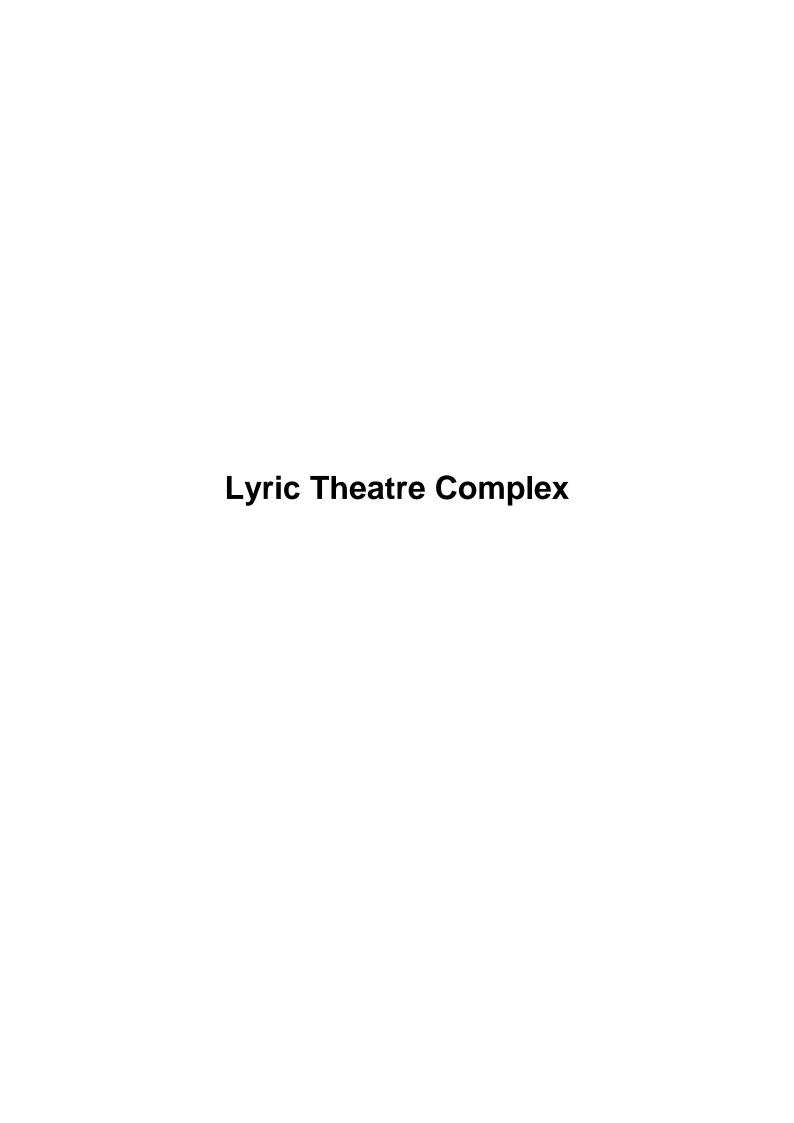
40) (27 May to	o 02 Jun 2018) (CMWP 8D)			_															
vity ID	Activity Name	CMWF Dur.	CMWP - R0 (D8") Start	CMWP - R0 (D8') Finish	Actual / Forecast Start	Actual / Forecast Finish	Planned B/L % Complete	Actual % Complete	Finish Variance (+/-d)		May 32			June 33		J	iuly 34		August 35
		Dui.	(Do) otart	(50)1 111311	1 orceast otart	1 111311	70 Complete	Compicte	(17-4)	30 07	14	21 2	8 04	11	18 25	02 09	16 2	23 30	06 13
	hting & accessories for CCTV & Wi Fi																		
P2B6000	CAI for Street lighting & accessories for CCTV & Wi Fi	0	07-Jun-18		07-Jun-18		0%	0%	0				\$	GAI for \$tr	reet lighting	& accessori	es for CCT	V & Wi Fi C	07-Jun-18
P2B6010	Street lighting & accessories for CCTV & Wi Fi subletting	48	15-Jun-18	01-Aug-18	15-Jun-18	01-Aug-18	0%	0%	0					_					
P2B6120	Street lighting & accessories for CCTV & Wi Fi Design/Shop drawing submit & approval	288	02-Aug-18	16-May-19	02-Aug-18	16-May-19	0%	0%	0										
2C) Elements	Cooling Main access modification																		
P2C6000	CAI for Elements Cooling Main access modification	0	11-Jun-18		11-Jun-18		0%	0%	0					CAI for	r Elements	Cooling Mair	access m	nodification,	11-Jun-18
P2C6010	Elements Cooling Main access modification subletting	60	20-Jun-18	18-Aug-18	20-Jun-18	18-Aug-18	0%	0%	0	1									
P2C6130	Elements Cooling Main access modification Design/Shop drawing submit & approval	288	19-Aug-18	02-Jun-19	19-Aug-18	02-Jun-19	0%	0%	0										
2E) MEP & Mi	sc building works assoc. District Cooling System intake pump cell										++			·			····		
P2E6000	CAI for MEP & Misc building works assoc. District Coding System intake pump cell	0	04-Jun-18		04-Jun-18		0%	0%	0	-			♥ CA	I for MEP	& Misc buil	ding works a	ssoc. Distr	rict Caoline S	System intak
P2E6010	MEP & Misc building works assoc. District Cooling System intake pump cell subletting	60	12-Jun-18	10-Aug-18	12-Jun-18	10-Aug-18	0%	0%	0	-			Y			0			
P2E6140	MEP & Misc building works assoc. District Cooling System intake pump cell Design/Shop drawing submit & approval		11-Aug-18	25-May-19	11-Aug-18	25-May-19	0%	0%	0	-									
	sic MEP provision for CLP transformer rooms	200	11-Aug-10	23-IVIQY-13	II-Aug-10	23-Way-13	070	070	0	-									
,			04.140		04.140		0%	0%	0					J		l	ļ.,		
P2F6000	CAI for BWIC / basic MEP provision for CLP transformer rooms	0	01-Jun-18		01-Jun-18					-			CALT	or BWIC /	Dasig IVIEP	provision for	LLP transfo	ormer room	s, 01+Jun-18
P2F6010	BWIC / basic MEP provision for CLP transformer rooms subletting	60	09-Jun-18	07-Aug-18	09-Jun-18	07-Aug-18	0%	0%	0	-			П						
P2F6150	BWIC / basic MEP provision for CLP transformer rooms Design/Shop drawing submit & approval	288	08-Aug-18	22-May-19	08-Aug-18	22-May-19	0%	0%	0				Ш						
	y Inspection, OP & PC																		
Plumbling, Po	rtable & Flushing Water									1			<u> </u>	11.		<u> </u>	<u> </u>		
A55550	Submit Revised Schematic (VPLD) to WSD	27	26-Jun-18	27-Jul-18	26-Jun-18	27-Jul-18	0%	0%	0									•	
A55560	Submit WWO46 Part 4 for WSD Inspection	0	27-Jul-18		27-Jul-18		0%	0%	0									\$ Submit \	WWO46 Part
A55570	WSD Inspection	53	27-Jul-18	28-Sep-18	27-Jul-18	28-Sep-18	0%	0%	0										
ontractor'	s Summary Works Programme		'					'											
Milestone Da																			
Cost Centre A	A - Preliminaries & General Requirements										++			1		· · · · · · · · · · · · · · · · · · ·	! <u>†</u>		
MSA.14	Compliance Review to the CA's satisfaction on Project Time & Construction PMgt Doc (t=M30)	0		01-Jun-18		01-Jun-18*	0%	0%	0				Com	oliance Rev	iew to the	CA's satisfac	tion on Pro	oiect Time 8	& Constructio
MSA.15	Compliance Review to the CA's satisfaction on Project Time & Construction PMgt Doc (t=M34)	0		30-Jun-18		30-Jun-18*	0%	0%	0	-			T '			1 1	1 1	2 2	tisfaction on
	- Public Works and Tunel Protection Works			1											1 1				
MSC.06	Complete Plant Rooms associated with the Underpass Road (Tr=M32)	0		01-Jul-18		01-Jul-18	0%	0%	0	-						Complete F	ant Room	s atsociate	d with the U
	22 - Interfacing Car Park Works			01-701-10		0130110	070	070	0							Complete		13 433001440	
MSD2.04	Obtain FS certificate (t=M33)	0		01-Jun-18		01-Jun-18	0%	0%	0				Ohra		icate (t=M	2)			
										-			r:	1 1	1.	1 1			
MSD2.05	Complete the integrated testing and commissioning of all systems (t=M34)	0		01-Jun-18		01-Jun-18	0%	0%	0	-			r: :		- 1		: :	- 1	stems (t=M34
MSD2.06	Complete all work necessary for practical completion (t=M40)	0		01-Jun-18		01-Jun-18	0%	0%	0				Comp	olete all wo	ork necess	ry for practic	al comple	tion (t=M40	0),
	3 - M+ Museum & CSF				,		,									ļļ	ļ <u>i</u>		
MSB.09i	Handover TX Rooms for CLP installation (Tr=M26)	0		01-Jun-18		01-Jun-18	0%	0%	0				r:	1 1	9	installation	1 1	1 1	
MSB.06.e	Complete 3F slab at Zone A1 to A5, Zone E and Zone H (Tr=M27)	0		01-Jun-18		01-Jun-18	0%	0%	0				r : '	i i	1 1	1 to A5, Zon	i i	1 1	i i i
MSB.06.d	Complete 4F and 2F infill slab between truss 1 and 2 (Tr=M27)	0		01-Jun-18		01-Jun-18	0%	0%	0				Comp	olete 4F an	d 2F infill s	lab between	truss 1 an	nd 2 (Tr=M2	7),
MSB.12i	CLP Power-on (Tr=M28)	0		20-Jun-18		20-Jun-18	0%	0%	0						CLP Pow	er-on (Tr=M2	8),		
MSB.12iii	Complete installation of DCS plant and equipment (Tr=M31) (Apr 2018)	0		12-Jul-18		12-Jul-18	0%	0%	0							\$ 0	Complete i	installation	of DCS plant
MSB.08ii	Complete 1M/F floor slab (Tr=M33)	0		25-Aug-18		25-Aug-18	0%	0%	0		1 1								1 1
Cost Centre	- RDE Building																		
MSJ.01-2	1F Structure Complete to 100% (Tr=M23)	0		01-Jun-18		01-Jun-18	0%	0%	0	7			F St	ructure co	mplete to	00% (Tr=M2	3),		
MSJ.01b	7F Structure Complete (Tr+M30)	0		06-Jul-18		06-Jul-18	0%	0%	0	1						🕏 7F Stru	cture Con	nplete (Tr+N	И30),
MSJ.01c	10F Structure Complete (Tr=M32)	0		24-Aug-18		24-Aug-18	0%	0%	0	1						Ť			
Λ+													17	++		 	 		
SUM-1300	M+ Tower Structure RC Works	190	21-Aug-17	14-Apr-18	31-Jul-17 A	20-Nov-18	100%	24.99%	-181		-: -:	- !	1	1 1			1 1	-: -:	-
SUM-1400	M+ Podium Tower Facade Preliminaries	577	03-Jun-16	14-May-18	06-Mar-16 A	20-Nov-18	100%	75.27%	-157				1	1 1				- 1 1	1 1
SUM-1100	M+ Podium Structure RC Works	412	09-Sep-16	27-Jan-18	09-Sep-16 A	20-Nov-18 20-Nov-18	100%	65.25%	-157										
																			1 1
SUM-1700	M+ Tower External Envelope (By Permasteelisa)	406	06-Jan-17	25-May-18	06-Jan-17 A	22-Dec-18	100%	58.01%	-176	:									
	M+ Podium Glass Wall & Skylight (By RedLand, Permasteelisa)	200	23-Feb-18	27-Oct-18	23-Nov-17 A	02-Mar-19	38.95%	0%	-103					1 1-		: :	: :	-: :	- ; ;
		228	19-Jun-18	22-Mar-19	19-Jun-18	22-Mar-19	0%	0%	0		-	÷	1						
SUM-1600	M+ Podium External Envelope (By Permasteelisa)									1 :	1 1								
SUM-1600		220									1 1	1							
SUM-1600		257	20-Mar-17	29-Jan-18	20-Mar-17 A	10-Oct-18	100%	57.57%	-205										
SUM-1500 SUM-1600 CSF & RDE C SUM-2100 SUM-2400	onstruction		20-Mar-17 29-Mar-17	29-Jan-18 12-Apr-18	20-Mar-17 A 29-Mar-17 A	10-Oct-18 28-Dec-18	100%	57.57% 42.93%	-205 -214										

Data Date: 01-Jun-18 Layout Name: 01) CMWP - 3MRP (M32) R1 ver 1.0 File Name: Five Weeks Rolling Programme (5WRP-140) (27 May to 02 Jun 2018) (CMWP 8D)

Three Months Rolling Programme (3MRP) - Mth 32 - 31 May

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ivity ID	Activity Name		CMWP - R0	CMWP - R0	Actual /	Actual / Forecast	Planned B/L	Actual %	Finish Variance	iviay	June	July		Augi	ust
	·	Dur.	(D8") Start	(D8') Finish	Forecast Start	Finish	% Complete	Complete	(+/-d)	32	33	34		3.5	á
										30 07 14 21	28 04 11 18	25 02 09 1	6 23 30	06 13	3 20
SUM-2600	RDE External Envelope	153	21-Jul-18	22-Jan-19	21-Jul-18	22-Jan-19	0%	0%	0		-				-
SUM-2300	CSF External Envelope	240	02-Sep-17	27-Jun-18	19-Jun-17 A	28-Feb-19	90.83%	7.46%	-200			-			_
ABWF & Buil	ding Services														
SUM-3000	Lifts and Escalators	215	19-Jun-18	07-Mar-19	19-Jun-18	07-Mar-19	0%	0%	0					=	-
SUM-3200	ABWF & Building Services Installation	602	06-Feb-17	16-Feb-19	06-Apr-17 A	29-Mar-19	64.64%	58.79%	-35			1: : :			-
ICP & SPS															
SUM-4000	SPS WORKS (Sewerage Pumping Station)	192	29-Jul-16	18-Mar-17	29-Jul-16 A	08-Sep-18	100%	56.54%	-436						-
SUM-4200	External Works	293	29-Dec-16	22-Dec-17	29-Dec-16 A	08-Sep-18	100%	71.55%	-209		1 1 1			: :	$\overline{}$
SUM-4100	ICP WORKS (Interfacing Car Park)	559	29-Oct-16	17-Sep-18	29-Oct-16 A	29-Sep-18	83.88%	81.94%	-11					=	+
Co-ordinated	External Works & Utilities Services Installation												1 1		
SUM-5100	Construction	594	12-Jul-16	12-Jul-18	12-Jul-16 A	23-Jan-19	94.31%	67.18%	-161						$\overline{}$
SUM-5000	Interface Dates	1126	01-Oct-15	18-Jul-19	10-Jan-15 A	25-Jan-19	70.32%	82.51%	137					=	÷
M+ Statutory	Inspection, OP & PC														4
SUM-8040	WSD Inspection (Flushing & Portable)	53	27-Jul-18	28-Sep-18	27-Jul-18	28-Sep-18	0%	0%	0	1 : : : :					



ivity ID	vity Name	Start Date	Finish Date				
				May 5	Jun 6	Jul 7	Aug 8
I 1 Contrac	et for Lyric Theatre Complex (3MRP)			<u> </u>	U		8
	B - Excavation and Lateral Support (ELS) Stage 2						
	Steel Platform						
CB142210	Stage 2: Ground Profiling & Extend King Post	02-May-18 A	16-May-18 A				
CB142220	Stage 2: Capping Plate & Primary Beam	03-May-18 A	31-May-18 A				
CB142230	Stage 2: Secondary Beam & Steel Deck	05-May-18 A	09-Jun-18*				
CB143210	Stage 3: Ground Profiling & Extend King Post	09-Apr-18 A	19-May-18 A				
CB143220	Stage 3: Capping Plate & Primary Beam	18-Apr-18 A	05-Jun-18				
CB143230	Stage 3: Secondary Beam & Steel Deck	25-Apr-18 A	09-Jun-18*				
CB144220	Stage 4: Capping Plate & Primary Beam	06-Apr-18 A	19-May-18 A				
CB144230	Stage 4: Secondary Beam & Steel Deck	18-Apr-18 A	25-May-18 A				
Excavation	and ELS Works (Stage 2)						
<u> </u>	ng Main & Pipe Pile Cofferdam						
CB161240	Grout Pipe Piles at Cofferdam Window	21-Apr-18 A	05-May-18 A				
Area 1							
CB161410	Area 1: Excavate to +3.5mPD	13-Apr-18 A	09-May-18 A				
CB161420	Area 1: Install Waling & Strut Layer S1	19-Apr-18 A	12-May-18 A				
CB161430	Area 1: Excavate to +0.5mPD	01-Jun-18	14-Jun-18				
CB161440	Area 1: Install Waling & Strut Layer S2	15-Jun-18	29-Jun-18			<u> </u>	
CB161450	Area 1: Excavate to -4.2mPD	30-Jun-18	14-Jul-18				
CB161460	Area 1: Install Waling & Strut Layer S3	16-Jul-18	28-Jul-18*]
Area 2			1				+
CB162410	Area 2: Excavate to +3.5mPD	23-Apr-18 A	29-May-18 A				
CB162420	Area 2: Install Waling & Strut Layer S1	26-Apr-18 A	09-Jun-18				+
CB162430	Area 2: Excavate to +0.5mPD	11-Jun-18	25-Jun-18				
CB162440	Area 2: Install Waling & Strut Layer S2	26-Jun-18	10-Jul-18				+
CB162450	Area 2: Excavate to -4.2mPD	11-Jul-18	24-Jul-18				+
CB162460	Area 2: Install Waling & Strut Layer S3	25-Jul-18	07-Aug-18*				+
Area 3	'						
CB163410	Area 3: Excavate to +3.5mPD	10-May-18 A	08-Jun-18				

Remaining Work
Critical Remaining Work
Actual Work

Milestone

Project ID: L13MRP-2018053

Layout: L1-3MRP (Env)

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West Kowloon Cultural District Authority
L1 Contract for Lyric Theatre Complex & Extended Basement
Three Month Rolling Programme (3MRP) - Status as of 31 May 2018



ctivity ID	Activity Name	Start Date	Finish Date	2018			
•	,			May 5	Jun 6	Jul	Aug 8
CB163420	Area 3: Install Waling & Strut Layer S1	18-May-18 A	20-Jun-18	5	0		0
CB163430	Area 3: Excavate to +0.5mPD	21-Jun-18	05-Jul-18				;
CB163440	Area 3: Install Waling & Strut Layer S2	06-Jul-18	19-Jul-18				†
CB163450	Area 3: Excavate to -4.2mPD	20-Jul-18	02-Aug-18				
CB163460	Area 3: Install Waling & Strut Layer S3	03-Aug-18	16-Aug-18*				
Area 4							
CB164410	Area 4: Excavate to +3.5mPD	28-May-18 A	28-Jun-18]	-
CB164420	Area 4: Install Waling & Strut Layer S1	29-Jun-18	13-Jul-18				
CB164430	Area 4: Excavate to +0.5mPD	14-Jul-18	27-Jul-18				
CB164440	Area 4: Install Waling & Strut Layer S2	28-Jul-18	10-Aug-18				
CB164450	Area 4: Excavate to -4.2mPD	11-Aug-18	24-Aug-18				
CB164460	Area 4: Install Waling & Strut Layer S3	25-Aug-18	07-Sep-18*	. = = = = = = = = = = = = = = = = = = =			_
Area 6 (Addi	tional Works / Variation Order)						
CB160118	Area 6: ELS Amendment BD Review & Approval	11-Apr-18 A	08-May-18 A				
CB160119	Area 6: Revised Working Drawing (CA11)	09-May-18 A	17-May-18 A				
CB160120	Area 6: Prepare Revised ELS Design & Submit	18-May-18 A	06-Jun-18				
CB160121	Area 6: BD Approval of Revised ELS Design	07-Jun-18	06-Jul-18	. = = = = = = = = = = = = = = = = = = =		<u> </u>	
CB160125	Area 6: Remobilize Plant & Equipment	07-Jul-18	10-Jul-18				1
CB160130	Area 6: Resume ELS / Excavation Works to Formation Level	11-Jul-18	31-Jul-18*				
Cost Centre	D - Public Infrastructure Works (PIW)					-	
Cost Centre	D2 - Austin Road West Lay-by					!	
MC30-Ch. 10	60 to MC30-Ch.170						
CD201510	MC30 CH160-Ch170: Excavate M/H SF_1.6 & Blinding	20-Mar-18 A	03-May-18 A				
CD201520	MC30 CH160-Ch170: Construct Bottom Portion M/H SF_1.6	04-May-18 A	12-May-18 A				
CD201540	MC30 CH160-Ch170: Install Drainage Pipe bet. SF_1.6 & EAR2.18a	14-May-18 A	09-Jun-18				
CD201550	MC30 CH160-Ch170: Modification of EAR2.18A	11-Jun-18	16-Jun-18				
Portion 1							
	Portion 1 (MC30 Ch.90-Ch.160): Set-up TTA	11-May-18 A	18-May-18 A				
	Portion 1 (MC30 Ch.90-Ch.160): Trial Pits & Expose / Protect Existing Utilities	19-May-18 A	06-Jun-18				
CD201440	Portion 1 (MC30 Ch.90-Ch.160): Install Sheet Pile	07-Jun-18	26-Jun-18				



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West Kowloon Cultural District Authority
L1 Contract for Lyric Theatre Complex & Extended Basement
Three Month Rolling Programme (3MRP) - Status as of 31 May 2018



A	Activity ID Activity Name		Start Date	Finish Date	2018				
	•	,			May	Jun	Jul	Aug	
					5	6	7	8	
Ш	CD201450	Portion 1 (MC30 Ch.90-Ch.160): Excavation & ELS	16-Jun-18	16-Jul-18					
Ш	CD201460	Portion 1 (MC30 Ch.90-Ch.160): Drainage & Utilities Works	17-Jul-18	06-Sep-18					
Ш	Portion 2								
Ш	CD201120	Portion 2 (MC20 Ch.00-Ch.60): Trial Pits & Expose / Protect Existing Utilities	22-Jun-18	06-Jul-18					
Ш	CD201130	Portion 2 (MC20 Ch.00-Ch.60): Install Sheet Pile	07-Jul-18	25-Jul-18					
Ш	CD201140	Portion 2 (MC20 Ch.00-Ch.60): Excavation & ELS	17-Jul-18	13-Aug-18					
Ш	CD201150	Portion 2 (MC20 Ch.00-Ch.60): Drainage & Utilities Works	14-Aug-18	06-Oct-18			,		



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West Kowloon Cultural District Authority
L1 Contract for Lyric Theatre Complex & Extended Basement
Three Month Rolling Programme (3MRP) - Status as of 31 May 2018



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 Station	Action Level (mg/m³)	Limit Level (mg/m³)
AM1	273.7	500
AM2A	274.2	500

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

Monitoring Station	Action Level (μg/m³)	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 Plan for Air Quality

informed of the results.

Event		Action	on			
	ET	IEC	WKCDA	Contractor		
Action Level						
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures;	 Check monitoring data submitted by ET; Check Contractor's working method. 	1. Notify Contractor	 Rectify any unacceptable practice; Amend working methods if appropriate. 		
	2. Inform IEC and WKCDA;					
	Repeat measurement to confirm finding;)				
	 Increase monitoring frequency to daily. 					
2. Exceedance for two or more consecutive samples	 Identify source; Inform IEC and WKCDA; Advise the WKCDA on 	 Check monitoring data submitted by ET; Check Contractor's working method; 		remedial to WKCDA within three working		
	the effectiveness of the proposed remedial measures;	3. Discuss with ET and Contractor on possible remedial measures;	3. Ensure remedial measures properly implemented.	2. Implement the agree proposals;3. Amend proposal if		
	4. Repeat measurements to confirm findings;	effectiveness of the		appropriate.		
	5. Increase monitoring frequency to daily;	proposed remedial measures;				
	6. Discuss with IEC and Contractor on remedial actions required;	5. Monitor the implementation of remedial measures.				
	7. If exceedance continues, arrange meeting with IEC and WKCDA;					
	8. If exceedance stops, cease additional monitoring.					
Limit Level						
Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose	 Check monitoring data submitted by ET; Check Contractor's 		1. Take immediate action to avoid further exceedance;		
	remedial measures; 2. Inform WKCDA, Contractor and EPD;	working method; 3. Discuss with ET and	3. Ensure remedial	Submit proposals for remedial actions to IEC within three working		
	3. Repeat measurement to		measures properly implemented.	days of notification; 3. Implement the agree		
	confirm finding; 4. Increase monitoring	4. Advise the WKCDA on the effectiveness of the		proposals;		
	frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA	proposed remedial measures; 5. Monitor the implementation of remedial measures.		4. Amend proposal if appropriate.		

Event Action

- two or more consecutive samples
- 2. Exceedance for 1. Notify IEC, WKCDA, Contractor and EPD;
 - 2. Identify source;
 - 3. Repeat measurement to working method; confirm findings;
 - 4. Increase monitoring frequency to daily;
 - 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;
 - 6. Arrange meeting with IEC and WKCDA to discuss the remedial actions to be taken:
 - 7. Assess effectiveness of Contractor's remedial actions and keep IEC. EPD and WKCDA informed of the results;
 - 8. If exceedance stops, cease additional monitoring.

- 1. Check monitoring data 1. Confirm receipt of 1. Take immediate submitted by ET;
- 2. Check Contractor's
- 3. Discuss amongst WKCDA, ET, and Contractor on the potential with the Contractor remedial actions;
- 4. Review Contractor's remedial actions whenever necessary to assure their effectiveness measures properly and advise the WKCDA accordingly;
- 5. Monitor the implementation of remedial measures.

- in writing;
- 2. Notify Contractor; 2. Submit proposals for
- 3. In consolidation with the IEC, agree on the remedial measures to be implemented;
- 4. Ensure remedial implemented;
- 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.

- notification of failure action to avoid further exceedance;
 - 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:

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

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	mitigation proposals to IEC and WKCDA;				
Limit Level	1. Inform IEC, WKCDA, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and WKCDA on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and WKCDA informed of the results; 8. If exceedance stops, cease additional monitoring.	Discuss amongst WKCDA, ET, and Contractor on the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the WKCDA accordingly.	llin writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. 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.				

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:

Table D-3: Event and Action Plan for Landscape and Visual Impact

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

E. Monitoring Schedule

JUNE 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		7	8	9
10	11 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		13	14	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	27 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		29	30
		Notes: AM1 - International Co AM2A - Austin Road V NM1A - International (West (Opposite to The	Harbourside)		

JULY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring	4	5	6	7
8	AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		11	12	13 AM1, AM2A - 24hrTSP, 1hr TSP x3	14
15	16	17	18	19 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		21
22	23	24	25 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring		27	28
29	30	31 AM1, AM2A - 24hrTSP, 1hr TSP x3 NM1A - Noise Impact Monitoring				
		AM2A - Austin Road \	ommerce Centre (ICC) West (Opposite to The Commerce Centre (ICC)	Harbourside)		

F. Calibration Certifications

Location:AM1(ICC)Calibrated by:K.T.HoDate:12/04/2018

Sampler

 Model
 :
 TE-5170

 Serial Number
 :
 S/N 0767

Calibration Orifice and Standard Calibration Relationship

 Serial Number
 : 2454

 Service Date
 : 19 Mar 2018

 Slope (m)
 : 2.05242

 Intercept (b)
 : -0.01383

 Correlation Coefficient(r)
 : 0.99994

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1012 Ta(K) : 299

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	10.2	3.187	1.559	58	57.87
2	13 holes	7.5	2.733	1.338	50	49.89
3	10 holes	5.6	2.361	1.157	42	41.91
4	7 holes	3.8	1.945	0.954	34	33.93
5	5 holes	2.6	1.609	0.791	24	23.95

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

Sampler Calibration Relationship

Checked by: Date: 14/04/2018

Magnum Fan

Location : AM1(ICC)
Calibrated by : K.T.Ho
Date : 12/06/2018

Sampler

 Model
 :
 TE-5170

 Serial Number
 :
 S/N 0767

Calibration Orifice and Standard Calibration Relationship

 Serial Number
 : 2454

 Service Date
 : 19 Mar 2018

 Slope (m)
 : 2.05242

 Intercept (b)
 : -0.01383

 Correlation Coefficient(r)
 : 0.99994

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1002 Ta(K) : 302

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	10.0	3.124	1.529	58	57.30
2	13 holes	6.8	2.576	1.262	48	47.42
3	10 holes	4.8	2.164	1.061	38	37.54
4	7 holes	3.2	1.767	0.868	30	29.64
5	5 holes	2.2	1.465	0.721	20	19.76

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

Sampler Calibration Relationship

Slope(m): $\underline{45.752}$ Intercept(b): $\underline{-11.452}$ Correlation Coefficient(r): $\underline{0.9954}$

Checked by: Date: 15/06/2018

Magnum Fan

Location : AM2A (Harbourside)

Calibrated by : K.T.Ho
Date : 12/04/2018

Sampler

Model : TE-5170 Serial Number : S/N 8919

Calibration Orifice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 : 19 Mar 2018

 Slope (m)
 : 2.05242

 Intercept (b)
 : -0.01383

 Correlation Coefficient(r)
 : 0.99994

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1012 Ta(K) : 299

Resistance Plate		dH [green liquid]	Z	X=Qstd	IC	Y
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.0	3.457	1.691	60	59.87
2	13 holes	8.2	2.857	1.399	52	51.89
3	10 holes	6.2	2.485	1.217	44	43.90
4	7 holes	4.0	1.996	0.979	34	33.93
5	5 holes	2.4	1.546	0.760	24	23.95

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

Sampler Calibration Relationship

Slope(m):39.142 Intercept(b):-4.264 Correlation Coefficient(r): 0.9949

Checked by: Date: 14/04/2018

Magnum Fan

Location : AM2A (Harbourside)

Calibrated by : K.T.Ho
Date : 12/06/2018

Sampler

Model : TE-5170 Serial Number : S/N 8919

Calibration Orifice and Standard Calibration Relationship

Serial Number : 2454

 Service Date
 : 19 Mar 2018

 Slope (m)
 : 2.05242

 Intercept (b)
 : -0.01383

 Correlation Coefficient(r)
 : 0.99994

Standard Condition

Pstd (hpa) : 1013 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1002 Ta(K) : 302

Resistance Plate		dH [green liquid]	7	X=Qstd	IC	V
Kesi	1		L	~	_	1
		(inch water)		(cubic meter/min)	(chart)	(corrected)
1	18 holes	12.0	3.422	1.674	60	59.28
2	13 holes	8.2	2.829	1.385	50	49.40
3	10 holes	6.0	2.420	1.186	40	39.52
4	7 holes	3.8	1.926	0.945	30	29.64
5	5 holes	2.4	1.531	0.752	20	19.76

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

Sampler Calibration Relationship

Checked by: _____ Date: <u>15/06/2018</u>

Magnum Fan



TE-5025A

RECALIBRATION **DUE DATE:**

March 19, 2019

ertificate of

Calibration Certification Information

Cal. Date:

March 19, 2018

Rootsmeter S/N: 438320

Ta: 294

°K

Operator: Jim Tisch Calibration Model #:

Calibrator S/N: 2454

Pa: 746.8 mm Hg

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4300	3.2	2.00
2	3	4	1	1.0040	6.4	4.00
3	5	6	1	0.9030	7.9	5.00
4	7	8	1	0.8590	8.7	5.50
5	9	10	1	0.7080	12.8	8.00

		Data Tabulat	ion		
Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H(Ta/Pa)}$ (y-axis)
0.9917	0.6935	1.4113	0.9957	0.6963	0.8874
0.9874	0.9835	1.9959	0.9914	0.9875	1.2549
0.9854	1.0913	2.2315	0.9894	1.0957	1.4030
0.9843	1.1459	2.3405	0.9883	1.1506	1,4715
0.9789	1.3826	2.8227	0.9829	1.3882	1.7747
	m= 2.05242	m=	1.28519		
QSTD[b=	-0.01383	QA	b=	-0.00869
AND SOME DEFINITION OF THE PERSON OF T	r=	0.99994		r=	0.99994

9	Calculation	ıs	
Vstd=	ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	Va=	ΔVol((Pa-ΔP)/Pa)
Qstd=	Vstd/∆Time		Va/ΔTime
	For subsequent flow rat	e calculation	s:
Qstd=	$1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$	Qa=	$1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b$

Security of the second	Standard Conditions
Tstd:	298.15 °K
Pstd:	760 mm Hg
2015111081781-1-1	Key
ΔH: calibrator	manometer reading (in H2O)
ΔP: rootsmete	er manometer reading (mm Hg)
	olute temperature (°K)
Pa: actual bar	ometric pressure (mm Hg)
b: intercept	
m: slope	

RECALIBRATION

US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30



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.

Tong Zhang

Overseas Sales Division



REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO. PROJECT NAME DATE OF ISSUE

HK1710682 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.

: HK1710682 : HK1710682-01

PROJECT ITEM NO.

PERFORMANCE CHECK / CALIBRATED EQUIPMENT TYPE

: Digital Dust Indicator

MANUFACTURER MODEL NO.

SIBATA : LD-3B

SERIAL NO.

: 245833

EQUIPMENT NO.

RECEIPT DATE

PERFORMANCE CHECK / CALIBRATION DATE : 18/8/2017

18/8/2017

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.

Approved Signatory

Wong Po Yan Pauline (Assistant Laboratory Manager) Issue Date:

21/8/2017



REPORT OF PERFORMANCE CHECK / CALIBRATION

PERFORMANCE CHECK / CALIBRATION OF DUST METER 21/8/2017

PROJECT NAME DATE OF ISSUE REPORT NO. HK1710682

PERFORMANCE CHECK / CALIBRATED EQUIPMENT

Digital Dust Indicator SIBATA MANUFACTURER

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 TE-5170 PTL_HV002 MODEL NO. EQUIPMENT REF NO. LAST CALIBRATION DATE 31/7/2017

EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

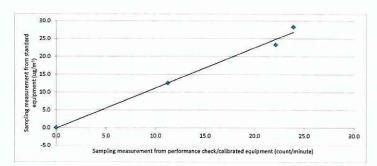
Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 712 CPM Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 712 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m³ (Standard equipment)	Total Count ²	Concentration in Count/Minute ³ (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	

Linear Regression of Y on X Slope (K-factor)

Correlation Coefficient Validity of Performance Check / Calibration Record

1.1 0.9953 18/8/2018



Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate. Notes: 1.

- 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.

Date: Operator: Lau, Natalie Signature 18/8/2017

Checked by: Wong Po Yan, Pauline Signature: 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

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. PERFORMANCE CHECK / CALIBRATED EQUIPMENT

HK1710683-01

TYPE

Digital Dust Indicator

MANUFACTURER

SIBATA LD-3B

MODEL NO. SERIAL NO.

276015

EQUIPMENT NO.

18/8/2017

RECEIPT DATE PERFORMANCE CHECK / CALIBRATION DATE: 18/8/2017 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.

Approved Signatory

Wong Po Yan Pauline (Assistant Laboratory Manager) Issue Date:

21/8/2017



REPORT OF PERFORMANCE CHECK / CALIBRATION

PROJECT NAME DATE OF ISSUE REPORT NO.

PERFORMANCE CHECK / CALIBRATION OF DUST METER

21/8/2017

HK1710683 PERFORMANCE CHECK / CALIBRATED EQUIPMENT

Digital Dust Indicator

MANUFACTURER MODEL NO.

SIBATA LD-3B

SERIAL NO. EQUIPMENT NO.

276015

SENSITIVITY ADJUSTMENT

18/8/2017

PERFORMANCE CHECK / CALIBRATION DATE STANDARD EQUIPMENT

TYPE MANUFACTURER HIGH VOLUME AIR SAMPLER TISCH

MODEL NO. EQUIPMENT REF NO. LAST CALIBRATION DATE

TE-5170 PTL_HV002 31/7/2017

EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

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

721 CPM 721 _CPM

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

Concentration in Concentration in ug/m3 Total Count/Minute³ Trial no. in 1-hr Mean Temp Mean Pressure (Performance Check / Calibrated equipment) Time (Standard equipment) Count² period (hPa) (°C) (Performance Check / (Y - Axis) (X - Axis) Calibrated equipment) Zero Check1 18/8/2017,1:15:00 PM 30.4 1010 0 0 0 18/8/2017,2:19:00 PM 1 30.4 1010 23 1252 21 2 18/8/2017.3:24:00 PM 1010 30.4 28 1329 22 3 18/8/2017,4:29:00 PM 1010 30.4 13 618 10

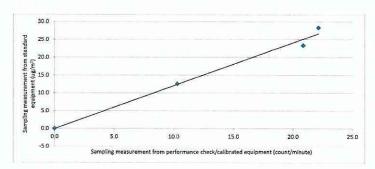
Linear Regression of Y on X

Slope (K-factor)

Correlation Coefficient

Validity of Performance Check / Calibration Record

1.2 0.9937 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.
 - Performance Check / Calibration result relates to performance check / calibration item(s) as received. 5.

Operator: Lau, Natalie Signature: Date: 18/8/2017

Checked by: Wong Po Yan, Pauline Signature: 21/8/2017 Date:



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 July 2017

Description / 儀器名稱

Precision Integrating Sound Level Meter

Manufacturer / 製造商

Rion

Model No./型號 Serial No./編號

NL-18 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 :

 $(23 \pm 2)^{\circ}$ C

Relative Humidity / 相對濕度 :

 $(55 \pm 20)\%$

Line Voltage / 電壓 :

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測源至國際標準。 局部獲印本證書品先獲本實驗所書而批准。

Sun Creation Engineering 1 mitted - Calibration & Testing 1 aboratory

co 44, Ising Shan Wan Exchange Building, I Hing On Lane, Juen Mim, New Territories, Hong Kong 輝創工程有限公司 校正及檢測實驗所 co 香港新界區門與安里—號青山灣機樣四樓

Tel 電話 2927 2606 Fax 傳真: 2744 8986

F-mail 促卵: callab a suncreation.com Website 網址 www.suncreation.com Page 1 of 5



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration

校正證書

Certificate No.:

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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

Description 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

	UUT Setting			Applie	d Value	UUT	IEC 60651 Type 1
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)	Spec. (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

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

6.1.2 Linearity

	UU	T Setting		Applied	Value	UUT	
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 laborator

本證書所載校正用之測試器材均可測原至國際標準。局部復印本證書畫先獲本實驗所書面批准。



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

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting			. Applied Value		UUT	IEC 60651 Type 1	
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration	Reading (dB)	Spec. (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

	UU	T Setting		Appl	ied Value	UUT	IEC 60651 Type 1
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Spec. (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 traccable 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的可測源至國際標準。局影後印本語書語先獲本實驗所書而批准、



Sun Creation Engineering Limited

Calibration and Testing Laboratory

Certificate of Calibration

校正證書

Certificate No.: C174093

證書編號

6.3.2 C-Weighting

	UU	JT Setting		Appl	lied Value	UUT	IEC 60651 Type 1	
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Spec. (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

UUT 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	A	10 sec.	4	1	1/10	110	100	100.1	± 0.5
						1/10 ²		90	90.1	± 0.5
			60 sec.			1/103		80	79.5	± 1.0
			5 min.			1/104		70	69.8	± 1.0

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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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

- Uncertainties of Applied Value: 94 dB : 31.5 Hz - 125 Hz : ± 0.35 dB

 $\begin{array}{lll} 250 \ Hz - 500 \ Hz & : \pm 0.30 \ dB \\ 1 \ kHz & : \pm 0.20 \ dB \\ 2 \ kHz - 4 \ kHz & : \pm 0.35 \ dB \\ 8 \ kHz & : \pm 0.45 \ dB \end{array}$

12.5 kHz : \pm 0.70 dB

 $\begin{array}{lll} 104~\text{dB} & : 1~\text{kHz} & : \pm 0.10~\text{dB}~\text{(Ref. 94 dB)} \\ 114~\text{dB} & : 1~\text{kHz} & : \pm 0.10~\text{dB}~\text{(Ref. 94 dB)} \\ \text{Burst equivalent level} & : \pm 0.2~\text{dB}~\text{(Ref. 110 dB)} \\ & \text{continuous sound level)} \end{array}$

- 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.

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



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration

校正證書

Certificate No.: C181755

證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號: IC18-0616)

Date of Receipt / 收件日期: 20 March 2018

Description / 儀器名稱

Sound Level Calibrator

Manufacturer / 製造商

Rion

Model No./型號

NC-73

Serial No./編號 Supplied By / 委託者 10486660

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 / 温度: $(23 \pm 2)^{\circ}$ C

Relative Humidity / 相對濕度 :

 $(50 \pm 25)\%$

Line Voltage / 電壓 :

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期

5 April 2018

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

Engineer

Certified By

核證

Tel/電話: (852) 2927 2606

H C Chan

Date of Issue 簽發日期

11 April 2018

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 written approval of this laboratory

E-mail/電郵: callab@suncreation.com

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Fax/傳真: (852) 2744 8986



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.:

C181755

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

Certificate No. C173864 PA160023 C181288

4. Test procedure: MA100N.

5. Results:

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec.	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.7	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	0.988	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.

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Website/網址: www.suncreation.com

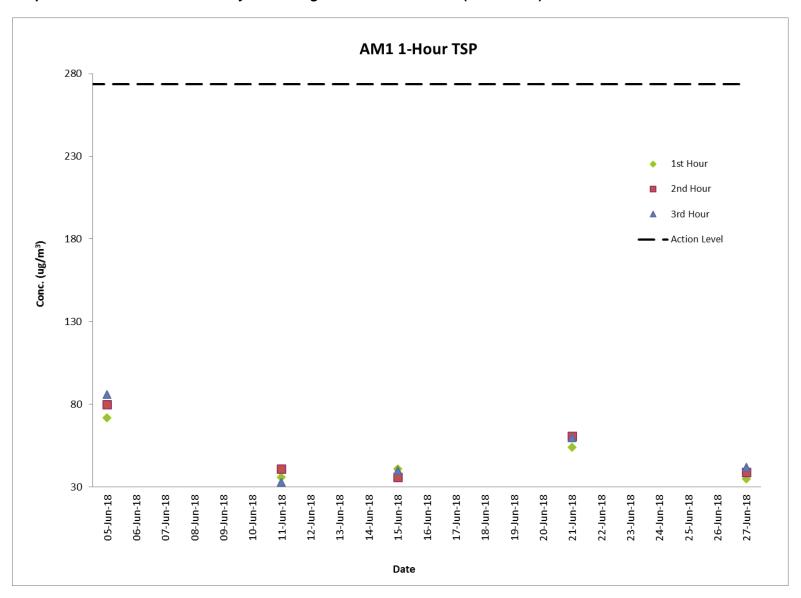
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G. Graphical Plots of the Monitoring Results

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

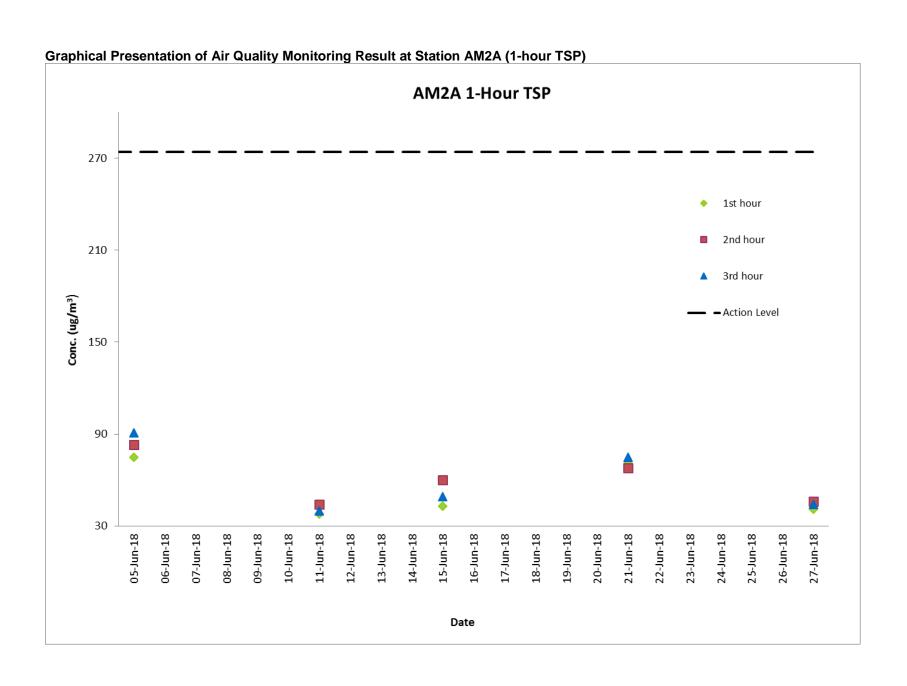
						Conc. (µg/m3	Action	Limit	
	Weather							Level	Level
Date	Condition	-	Time	9	1st Hour	2nd Hour	3rd Hour	(µg/m3)	(µg/m3)
05-Jun-18	Cloudy	7:50	-	10:50	72	80	86	273.7	500
11-Jun-18	Sunny	8:07	-	11:07	36	41	33	273.7	500
15-Jun-18	Cloudy	8:12	-	11:12	41	36	40	273.7	500
21-Jun-18	Cloudy	8:10	-	11:10	54	61	60	273.7	500
27-Jun-18	Fine	7:50	-	10:50	35	39	42	273.7	500

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



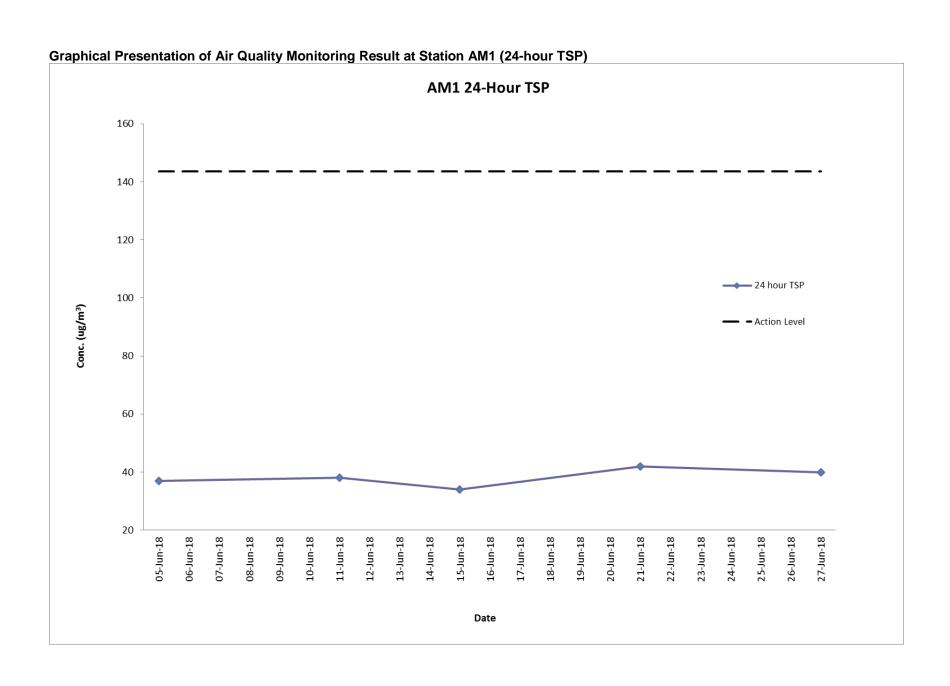
Air Quality Monitoring Result at Station AM2A (1-hour TSP)

						Conc. (µg/m3	Action	Limit	
	Weather							Level	Level
Date	Condition		Γime	2	1st Hour	2nd Hour	3rd Hour	(μg/m3)	(µg/m3)
05-Jun-18	Cloudy	8:05	-	11:05	75	83	91	274.2	500
11-Jun-18	Sunny	8:20	-	11:20	38	44	40	274.2	500
15-Jun-18	Cloudy	8:24	-	11:24	43	60	49	274.2	500
21-Jun-18	Cloudy	8:22	-	11:22	71	68	75	274.2	500
27-Jun-18	Fine	8:02	-	11:02	41	46	44	274.2	500



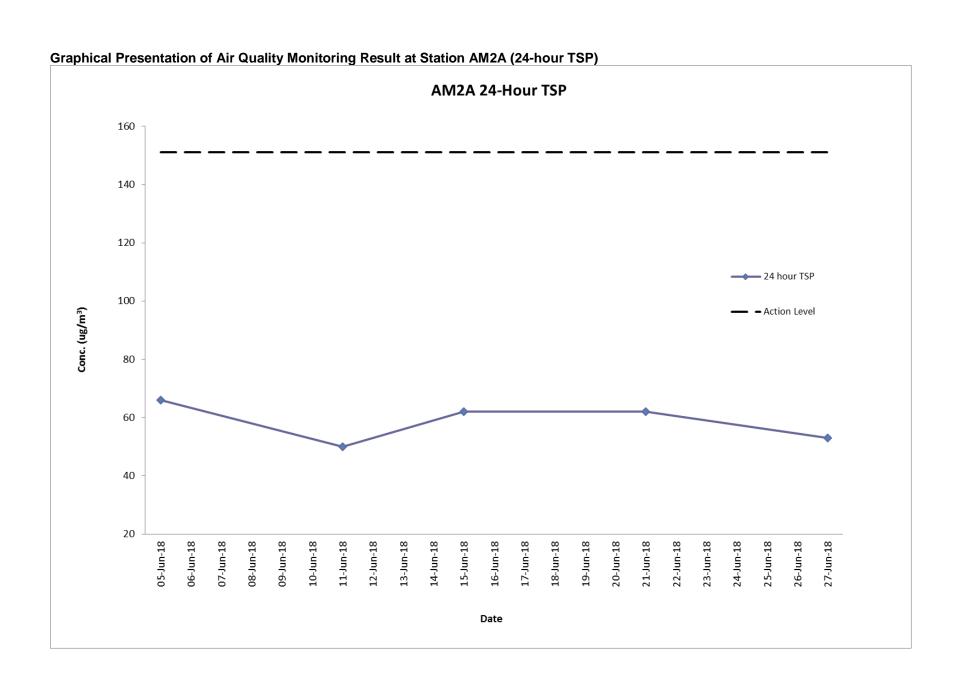
Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start	•	Finis	h		Weight	•	Elapsed Time Reading Sampling		Flow Rate (m ³ /min)						
Date	Time	Date	Time	Initial	g) Final	Initial	Final	Sampling Time (hrs)	Initial	Final	Average	Conc. (μg/m³)	Weather Condition	Action Level	Limit Level
05-Jun-18	07:52	06-Jun-18	07:52	2.8645	2.9292	22728.38	22752.38	24	1.22	1.22	1.22	37	Cloudy	143.6	260
11-Jun-18	08:05	12-Jun-18	08:05	2.8540	2.9200	22752.38	22776.38	24	1.22	1.22	1.22	38	Sunny	143.6	260
15-Jun-18	08:10	16-Jun-18	08:10	2.6000	2.6573	22776.38	22800.38	24	1.17	1.17	1.17	34	Cloudy	143.6	260
21-Jun-18	08:08	22-Jun-18	08:08	2.5964	2.6666	22800.38	22824.38	24	1.17	1.17	1.17	42	Cloudy	143.6	260
27-Jun-18	07:52	28-Jun-18	07:52	2.5877	2.6558	22824.38	22848.38	24	1.17	1.17	1.17	40	Fine	143.6	260



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

Star	t	Finis	h	_	Neight g)	•	d Time ding	Sampling	Flow Rate (m3/min)		Flow Rate (m3/min) Cor		Conc.	Weather	Action	Limit
Date	Time	Date	Time	Initial	Final	Initial	Final	Time (hrs)	Initial	Final	Average	(μg/m3)	Condition	Level	Level	
05-Jun-18	08:02	06-Jun-18	08:02	2.8623	2.9809	18383.59	18407.59	24	1.24	1.24	1.24	66	Cloudy	151.1	260	
11-Jun-18	08:17	12-Jun-18	08:17	2.6013	2.6897	18407.59	18431.59	24	1.24	1.24	1.24	50	Sunny	151.1	260	
15-Jun-18	08:22	16-Jun-18	08:22	2.6002	2.7122	18431.59	18455.59	24	1.25	1.25	1.25	62	Cloudy	151.1	260	
21-Jun-18	08:20	22-Jun-18	08:20	2.5936	2.7057	18455.59	18479.59	24	1.25	1.25	1.25	62	Cloudy	151.1	260	
27-Jun-18	08:04	28-Jun-18	08:04	2.5947	2.6908	18479.59	18503.59	24	1.25	1.25	1.25	53	Fine	151.1	260	



Noise Monitoring Result at Station NM1A

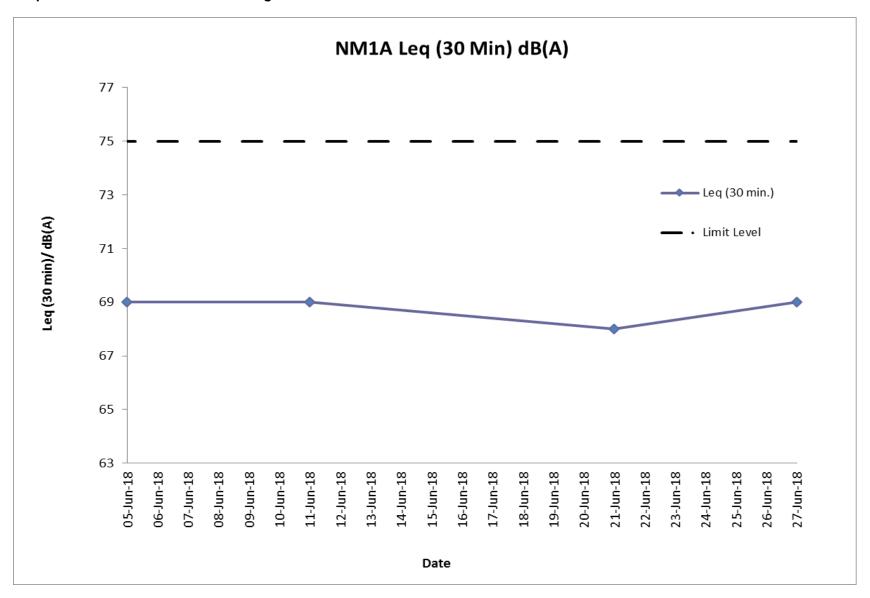
Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
05-Jun-18	10:15	68.4	63.1	
05-Jun-18	10:20	67.7	63.0	
05-Jun-18	10:25	69.0	64.9	CO
05-Jun-18	10:30	66.7	62.7	69
05-Jun-18	10:35	67.4	63.1	
05-Jun-18	10:40	68.3	64.4	
11-Jun-18	10:26	66.4	62.1	
11-Jun-18	10:31	67.7	63.4	
11-Jun-18	10:36	68.1	64.1	69
11-Jun-18	10:41	66.9	62.7	69
11-Jun-18	10:46	69.9	65.1	
11-Jun-18	10:51	67.7	63.9	
21-Jun-18	10:36	67.0	62.1	
21-Jun-18	10:41	68.3	63.4	
21-Jun-18	10:46	66.7	61.9	68
21-Jun-18	10:51	68.9	63.1	80
21-Jun-18	10:56	67.1	62.8	
21-Jun-18	11:01	68.0	62.9	
27-Jun-18	10:10	67.0	62.1	
27-Jun-18	10:15	67.5	63.0	
27-Jun-18	10:20	66.7	62.4	60
27-Jun-18	10:25	68.9	64.1	69
27-Jun-18	10:30	67.7	63.9	
27-Jun-18	10:35	68.8	64.1	

Remarks:

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

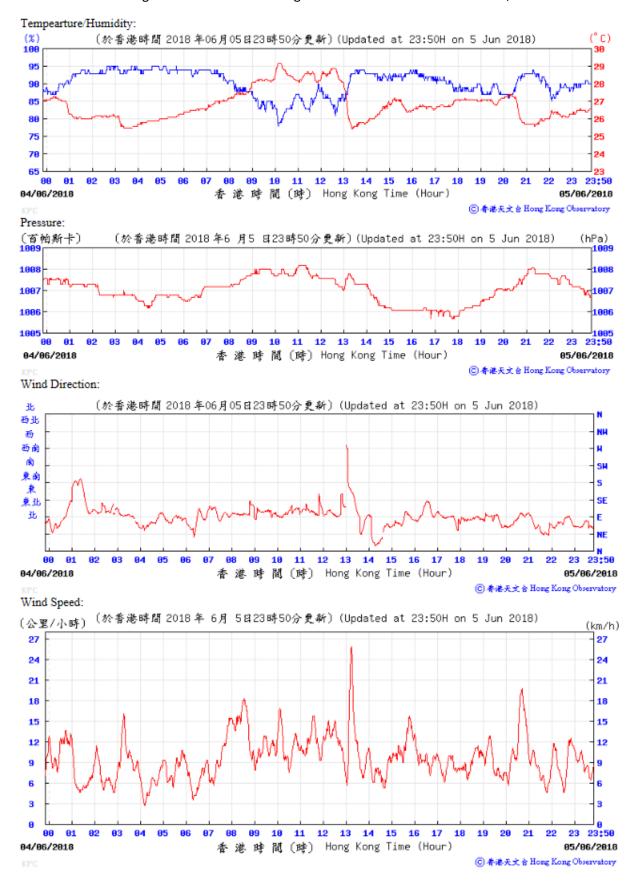


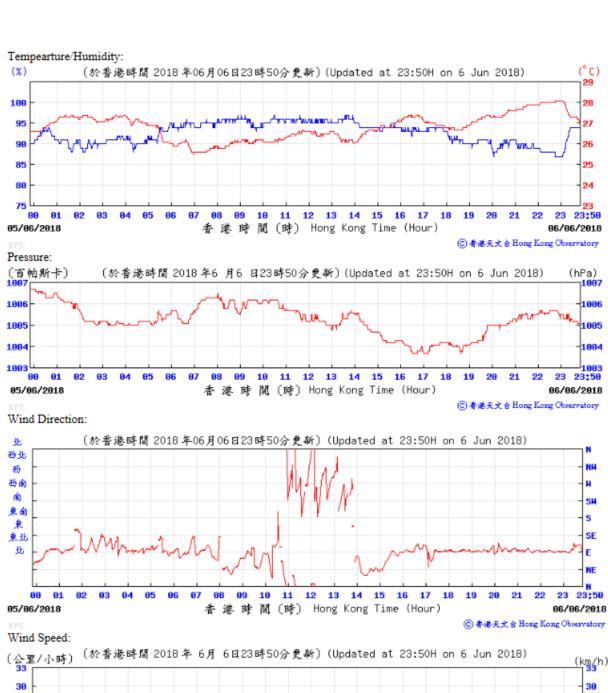
The station set-up of a free-field measurement at Station NM1A.

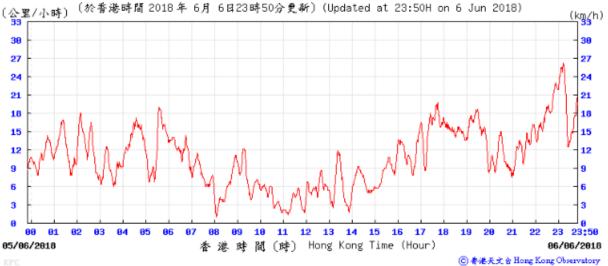


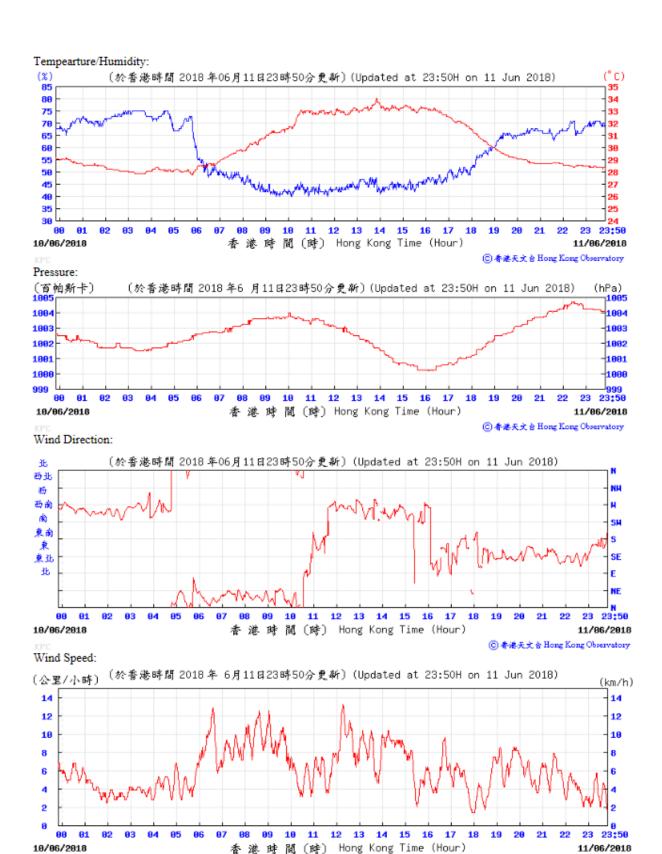
H. Meteorological Data Extracted from Hong Kong Observatory

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

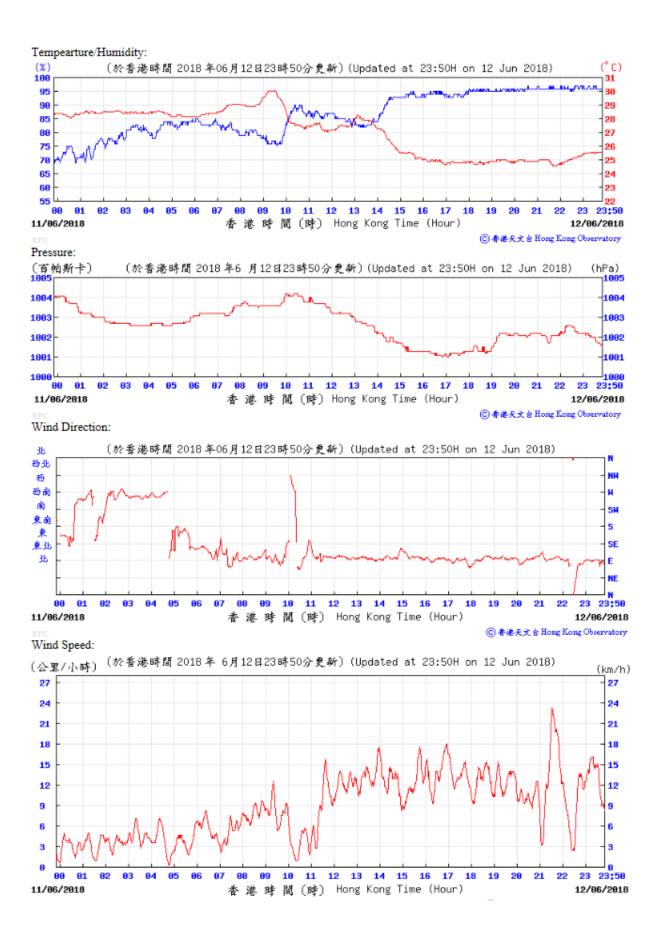


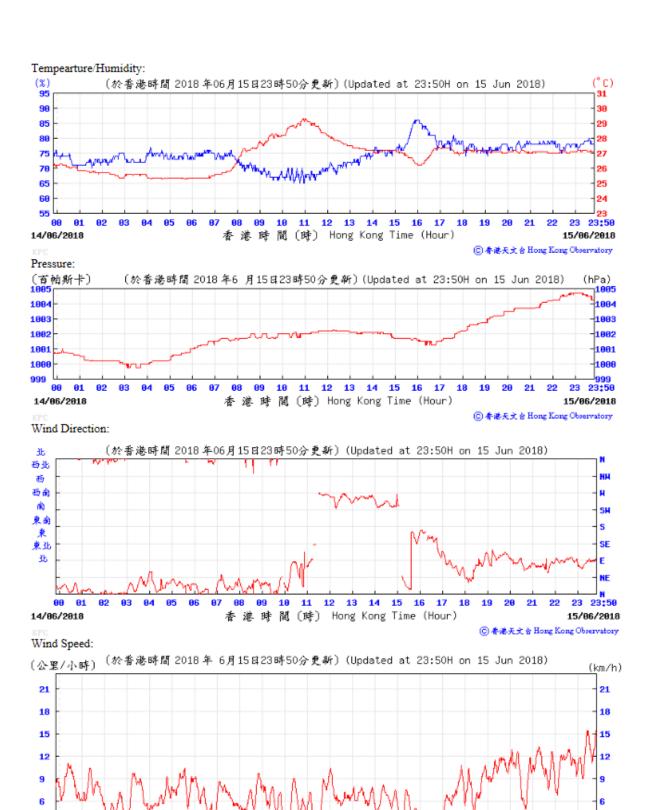






⑥ 香港天文台 Hong Kong Observatory





89 18 11 12 13 14 15 16 17 18

香港時間 (時) Hong Kong Time (Hour)

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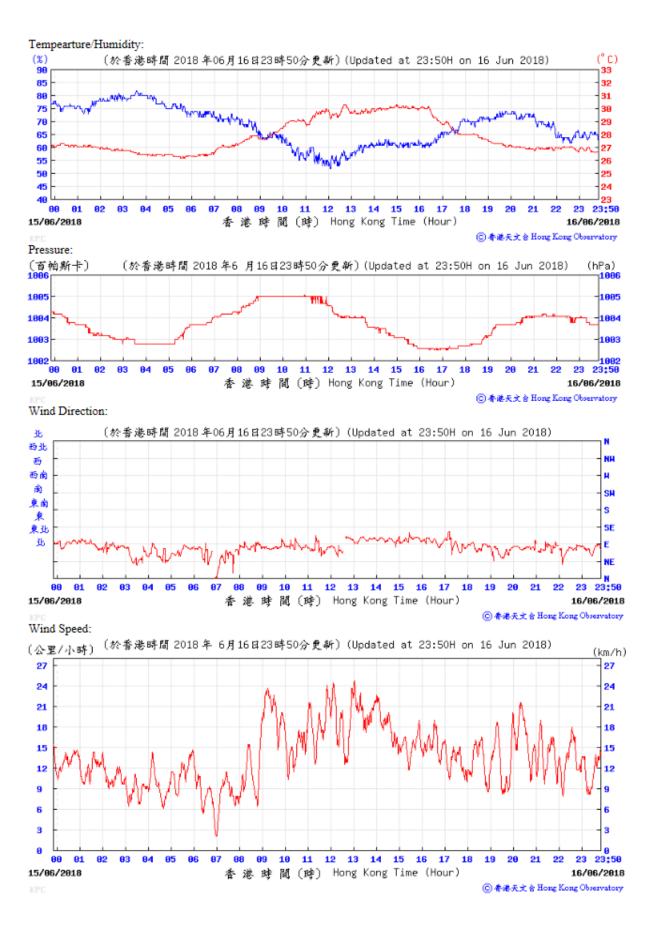
14/06/2018

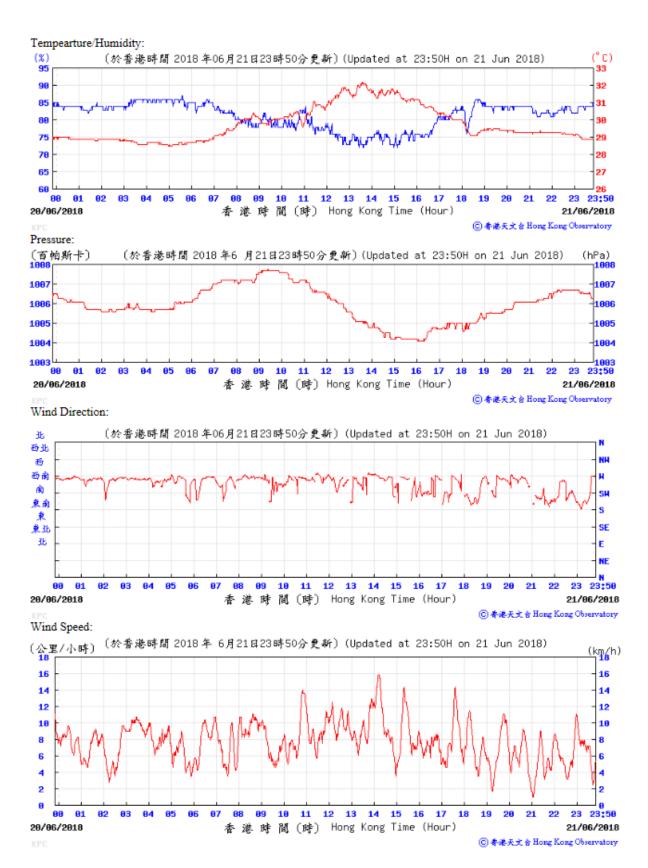
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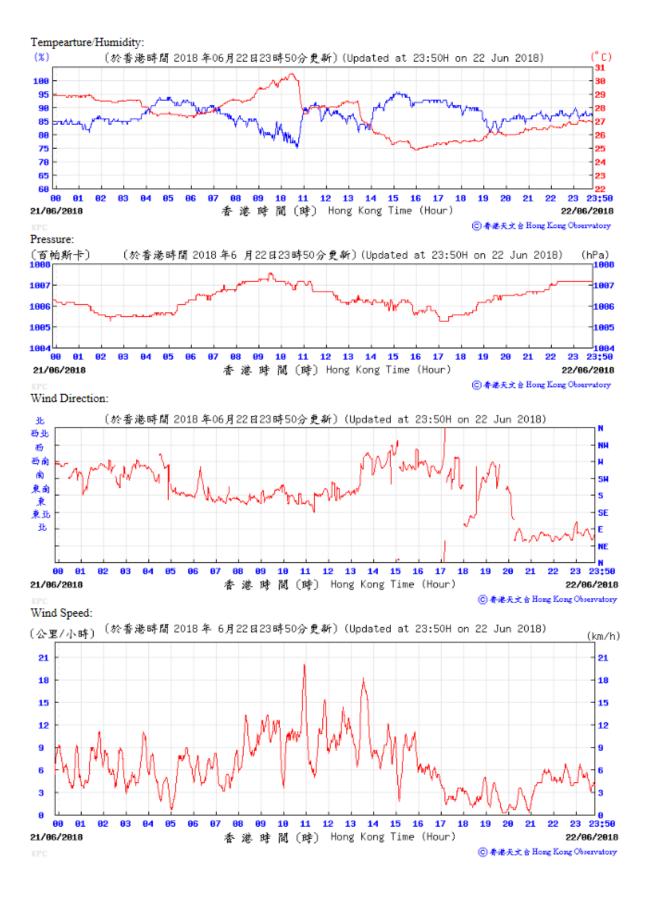
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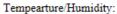
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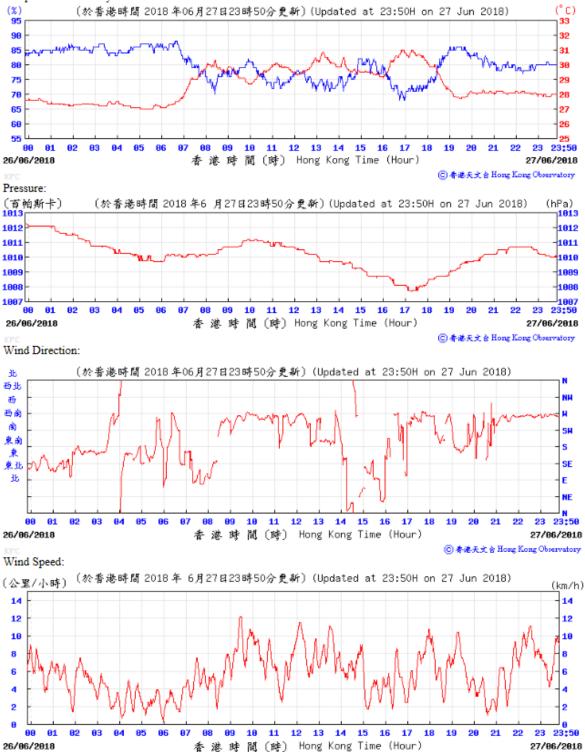
⑥ 香港天文台 Hong Kong Observatory



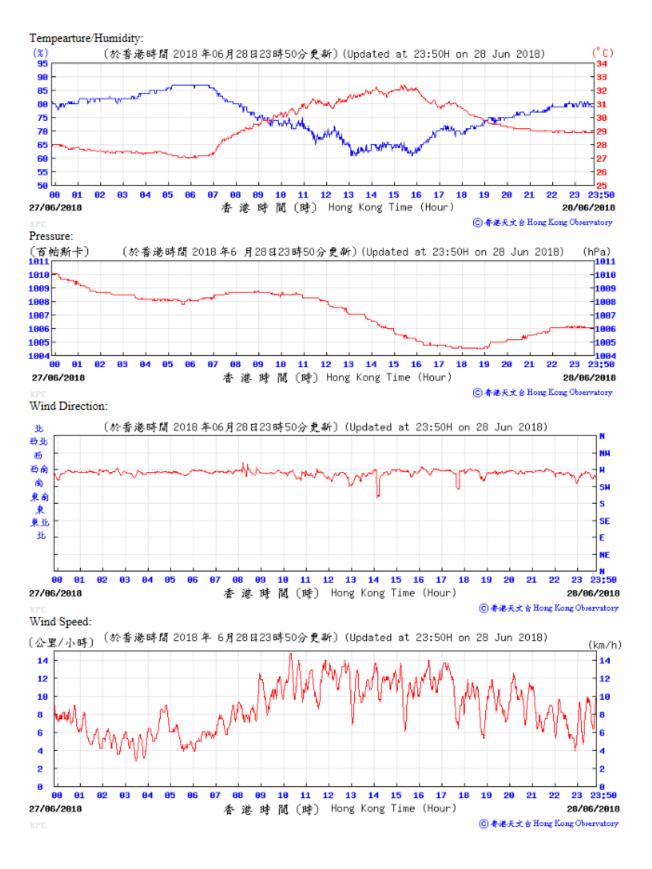








⑥ 香港天文台 Hong Kong Observatory



I. Waste Flow table



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

Table 1-1.	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
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 tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
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
Jun	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
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

	Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of							ties of C&D V	C&D Wastes Generated Monthly				
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 tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
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	25.0	0.0	154.9
Mar	1507.0	0.0	0.0	0.0	1102.1	404.9	0.0	39.5	1.5	0.0	120.0	0.0	264.1
Apr	2942.8	0.0	0.0	0.0	2542.4	400.4	0.0	60.1	0.3	0.0	100.0	0.0	252.5
May	2109.2	0.0	0.0	0.0	1593.3	515.9	0.0	37.0	0.4	0.0	70.0	0.0	311.4
Jun	1697.6	0.0	0.0	0.0	1162.4	535.2	0.0	47.0	0.3	0.0	100.0	0.0	188.2
Sub-total (2018)	10119.4	0.0	0.0	0.0	7582.5	2536.9	0.0	990.9	5.0	0.0	515.0	0.0	1354.6
Total	232966.2	0.0	25232.0	140485.4	61783.2	5465.6	0.0	4893.6	16.2	0.0	2836.2	1.4	4205.6

Note:

- -10.95 ton, 575.44 ton and 575.99 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.

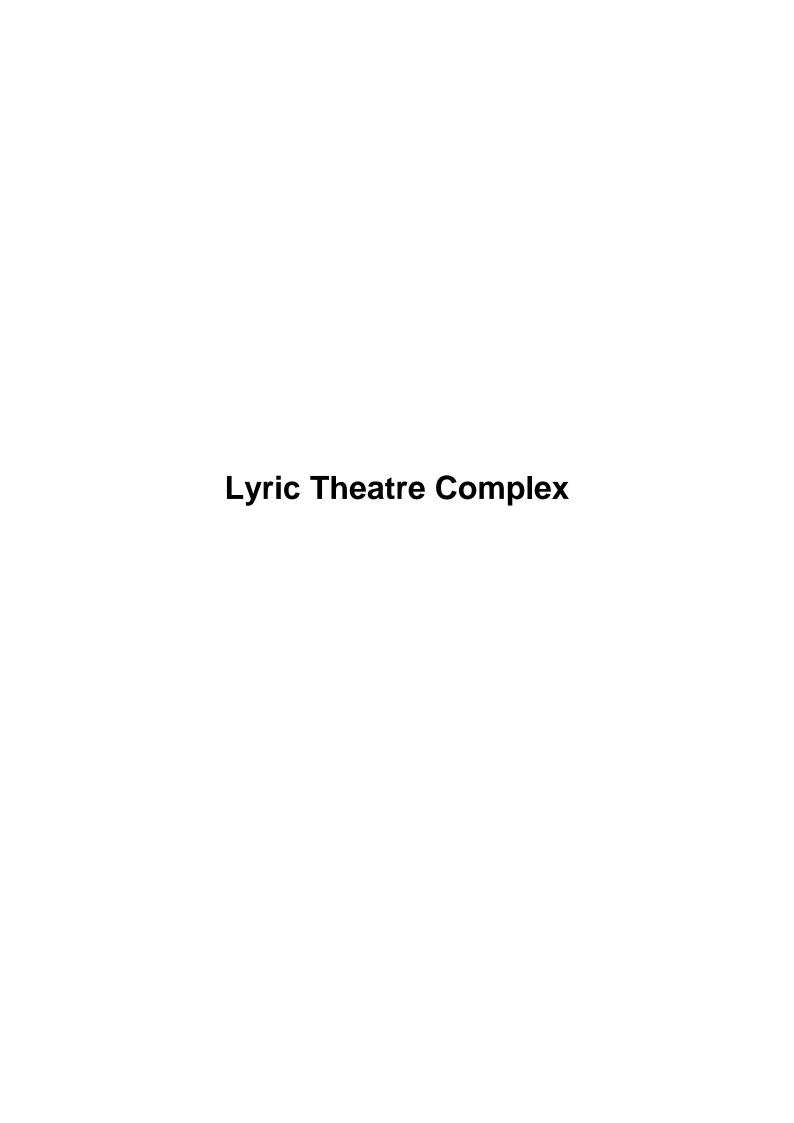


Table I-2: Monthly Waste Flow Table for Lyric Theatre Complex

	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
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 tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
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

	Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly												
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 tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
2018	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	0.004
Mar	5959.2	0.0	0.0	5610.1	349.1	0.0	0.0	0.0	0.0	1.0	0.0	0.6	17.6
Apr	10854.2	0.0	0.0	8878.0	1976.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.6
May	40289.3	0.0	0.0	27494.6	12794.7	0.0	0.0	44.4	0.0	0.0	0.0	0.0	9.4
Jun	54224.0	0.0	0.0	38749.3	15474.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	12.8
Sub-total (2018)	115410.4	0.0	0.0	82186.9	33223.5	0.0	0.0	44.4	0.1	1.2	0.0	0.6	50.3
Total	289642.3	0.0	0.0	101237.9	188381.0	23.4	0.0	566.0	1.2	2.7	0.0	11.9	379.1

Note:

^{-489.9} tonnes and 14,984.78 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38 Public Fill respectively in the reporting month.

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

J. Environmental Mitigation Measures – Implementation Status

Table J-1: Environmental Mitigation Measures Implementation Status

Recommendation Measures

General Dust Control Measures

EM&A Ref.

2.1 &

Air Quality Impact (Construction)

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. 	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 	✓	✓
	 Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet. 	✓	✓
	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	✓	✓

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. 	✓	✓
	 Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped. 	✓	✓
	Transport of Dusty Materials	1	
	 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. 	√	✓
	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. 	✓	✓
	 Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 	✓	✓
	 Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle. 	✓	✓
	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. 	✓	✓
.1 &	Best Practicable Means for Cement Works (Concrete Batching Plant)		
10.3.1	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		

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
	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	√	✓
	Emission Limits		
	 All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke 	✓	✓
	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.	Rem	✓
Noise Impa	et (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; 	✓	✓
	 machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum; 	✓	✓
	 plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs; 	✓	✓
	 mobile plant should be sited as far away from NSRs as possible; and 	✓	✓
	 material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities. 	✓	✓
3.1 &	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

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
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.	~	✓
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 Qualit	y Impact (Construction)		
4.1 & 10.5.1	Construction site runoff and drainage 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; Sand/oilt removal facilities such as cond/oilt traps, and addiment begins should be provided to removal.	✓	✓
	 Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction. All drainage facilities and erosion and sediment control structures should be regularly inspected and 	√ Obs	√ Obs

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
	 maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times. Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities. All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing 	~	✓
	facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.	~	✓
	 Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin 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. 	✓	✓
	 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. 	✓	✓
	 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 		

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
	 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 	N/A	N/A
	 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
.1 &	Sewage effluent from construction workforce		
0.5.1	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.	✓	✓
.1 &	General construction activities		
0.5.1	 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. 	✓	✓
	 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. 	√	✓
Vaste Mana	gement Implications (Construction)		
5.1 &	Good Site Practices		
0.7.1	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 	✓	✓
	Training of site personnel in proper waste management and chemical handling procedures	✓	✓
	Provision of sufficient waste disposal points and regular collection of waste	✓	✓
	 Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers 	✓	✓
	 Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads 	✓	✓
	Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&D materials is not anticipated	✓	✓

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
10.7.1	Recommendations to achieve waste reduction include:		
	 Sort inert C&D material to recover any recyclable portions such as metals 	✓	✓
	 Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal 	✓	✓
	 Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force 	✓	~
	 Proper site practices to minimise the potential for damage or contamination of inert C&D materials 	✓	✓
	 Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste 	✓	<i>.</i> ✓
.1 &	Inert and Non-inert C&D Materials		
10.7.1	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.	✓	✓
	The surplus inert C&D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.	✓	✓
	 Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD. 	✓	✓
	 The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site. 	✓	✓
	• In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No.6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site.	~	✓
.1 &	Chemical Waste		

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
10.7.1	• 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 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	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 	N1/A	NI/A
	contaminated material), provision of washing facilities and prohibition of smoking and eating on site;	N/A N/A	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

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
	 Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater: 	N/A	N/A
	 Truck bodies and tailgates should be sealed to stop any discharge; 	N/A	N/A
	 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 la	mpact (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
Table 9.1 & 10.8 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A
Table 9.1 & 10.8 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A

EM&A Ref.	Recommendation Measures	M+ Museum	Lyric Theatre Complex
Table 9.1 & 10.8 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A	N/A
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	✓	✓
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	✓	✓
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

	Complaints	Notifications of summons	Successful prosecutions
This reporting month	0	0	0
From 31 October 2015 to end of the reporting month	4	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	