

Ref.: HYDHZMBEEM00_0_5806L.17

13 September 2017

By Fax (3468 2076) and By Post

AECOM Asia Co. Ltd. The PRE's Office 5 Ying Hei Road, Tung Chung, Lantau Hong Kong

Attention: Mr. Michael Tovey

Dear Sir,

Re: Agreement No. CE 48/2011 (EP) Environmental Project Office for the HZMB Hong Kong Link Road, HZMB Hong Kong Boundary Crossing Facilities, and Tuen Mun-Chek Lap Kok Link – Investigation

Contract No. HY/2013/01 – HZMB HKBCF – Passenger Clearance Building Monthly Environmental Monitoring & Audit Report for August 2017

Reference is made to the Environmental Team's submission of Monthly Environmental Monitoring & Audit Report No. 35 for August 2017 (Rev. 2) certified by the ET Leader (ET's ref.: "5126871/19.10/OC101/KC/EW" dated 13 September 2017) and provided to us via e-mail on 13 September 2017.

We are pleased to inform you that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 5.4 of the Environmental Permit No. EP-353/2009/K.

Thank you very much for your attention and please feel free to contact the undersigned should you require further information.

Yours faithfully, For and on behalf of Ramboll Environ Hong Kong Limited

Kong

Raymond Dai Independent Environmental Checker

c.c.

| HyD | Mr. Vico Cheung |
|--------|-----------------|
| HyD | Ms. Lowell Chiu |
| Atkins | Mr. Keith Chau |
| LCWJV | Mr. Owen Leung |

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Your ref. 5126871/19.10/OC101/KC/EW

Date: 13 September 2017

By Post and e-mail (Michael.Lee@lcwjv.com)

Leighton – Chun Wo Joint Venture 39/F Sun Hung Kai Centre 30 Harbour Road Hong Kong

Attn: Mr. Michael Lee

Dear Mr. Lee,

Contract No. HY/2013/01 Hong Kong – Zhuhai – Macao Bridge Hong Kong Boundary Crossing Facilities – Passenger Clearance Building Certification of Monthly EM&A Report No. 35

Atkins China Limited certifies, in the capacity of Environmental Team Leader, that the Monthly EM&A Report No. 35 for August 2017 (Revision 2) conforms the requirements provided in Condition 5.4 of the Environmental Permit No. EP-353/2009/K.

Yours faithfully, for and on behalf of Atkins China Limited

Keith Chau Environmental Team Leader

cc.

- 1. AECOM Mr. Michael Tovey (By Fax.: 3468 2076)
- 2. IEC / ENPO Mr. Raymond Dai & Mr. Y.H. Hui (By Fax.: 3465 2899)



Contract No. HY/2013/01

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Passenger Clearance Building

Monthly EM&A Report No. 35 (Covering the Period from 1 August 2017 to 31 August 2017)

13 September 2017

Revision 2

Main Contractor



Leighton - Chun Wo Joint Venture **Environmental Team**





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路政署 HIGHWAYS DEPARTMENT 港珠澳大橋香港工程管理處

港珠澳大橋香港工程管理處 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office

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Executive Summary

This monthly Environmental Monitoring and Audit (EM&A) Report is prepared for Contract HY/2013/01 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) – Passenger Clearance Building (hereafter referred to as "the Contract") for the Highways Department of Hong Kong Special Administrative Region (HKSAR). The Contract was awarded to Leighton – Chun Wo Joint Venture (hereafter referred to as "the Contractor") and Atkins China Limited was appointed as the Environmental Team (ET) by the Contractor.

The Contract is part of Hong Kong – Zhuhai – Macao Bridge HKBCF which is a "Designated Project", under Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap 499) and Environmental Impact Assessment (EIA) Report (Register No. AEIAR-145/2009) was prepared for the Project. The current Environmental Permit (EP) No. EP-353/2009/K for HKBCF was issued on 11 April 2016. These documents are available through the EIA Ordinance Register. Site preparation works of the Contract started on 26 September 2014 and the construction works of the Contract commenced on 6 October 2014.

Atkins China Limited has been appointed by the Contractor to implement the Environmental Monitoring & Audit (EM&A) programme for the Contract in accordance with the Updated EM&A Manual for HKBCF (Version 1.0) and will be providing environmental team services to the Contract.

This is the thirty-fifth monthly EM&A Report for the Contract which summarizes findings of the EM&A works during the reporting period from 1 to 31 August 2017.

Environmental Monitoring and Audit Progress

The monthly EM&A programme was undertaken in accordance with the Updated EM&A Manual for HKBCF (Version 1.0). It should be noted that the air quality, noise, water quality and dolphin monitoring works for the Contract are covered by Contract No. HY/2010/02 Hong Kong-Zhuhai-Macao Bridge HKBCF – Reclamation Works and Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road – Section between Scenic Hill and HKBCF. The ET of the Contract or another ET of the HZMB project is required to conduct impact air quality monitoring at AMS6 and AMS7, noise monitoring at NMS2 and NMS3B, water quality monitoring at twenty-one stations (nine Impact Stations, seven Sensitive Receiver Stations and five Control/Far Field Stations) and dolphin monitoring works at twenty-four transects as part of EM&A programme if these monitoring stations/transects are no longer covered under Contract Nos. HY/2010/02 and HY/2011/03. However, this is subject to ENPO's final decision on which ET should carry out the monitoring work at these stations/transects.

The dates of site inspection during the reporting period are listed below:

Environmental Site Inspection: 2, 9, 16, 25 and 30 August 2017

Breaches of Action and Limit Levels

Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 shall be referred to the monthly EM&A report prepared by Contract No. HY/2011/03.

There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

There was no Action and Limit Level exceedance for noise recorded at NMS2 and NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

There were no Action Level and Limit Level exceedance of Dissolved Oxygen (DO), Turbidity and Suspended Solids (SS) recorded by the Environmental Team of Contract No. HY/2010/02 during the reporting period.

Impact dolphin monitoring results at all transects are reported in the EM&A Report prepared for Contract No. HY/2010/02.





Complaint Log

There was no complaint received in relation to the environmental impact during the reporting period.

Notifications of Summons and Successful Prosecutions

There was no notifications of summons or prosecutions received during the reporting period.

Reporting Change

There was no reporting change during the reporting period.



Future Key Issues

The future key issues to be undertaken in the upcoming month include:

Land Based work

- Waterproofing
- Backfilling
- Formwork and falsework stripping
- Western vertical column
- Blockwork walls
- Pipework and ductwork installation
- Hanger rods for cable container
- Wet trade works
- Dry trade works
- Façade Bracket for Cabins
- Mechanical, Electrical and Plumbing (MEP) High Level Containment
- Removal of temporary works
- Window wall glazing
- Heat exchanger installation
- Heavy MEP plant set up in basement
- Double Bow Truss installation
- Mullion Frame Installation
- Curtain wall glaring
- Hanging scaffolding
- Footbridge construction
- Roof cladding
- Refuse collection point
- Southern toilet
- Miscellaneous steelwork
- Lift installation
- Escalator Installation
- Glazed lift Installation
- Road and Kerbing

No marine based construction work will be undertaken in the upcoming month.



Introduction

1.1 Basic Project Information

- 1.1.1 This monthly Environmental Monitoring and Audit (EM&A) Report is prepared for Contract HY/2013/01 Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities Passenger Clearance Building (hereafter referred to as "the Contract") for the Highways Department of Hong Kong Special Administrative Region. The Contract was awarded to Leighton Chun Wo Joint Venture (hereafter referred to as "the Contractor") and Atkins China Limited was appointed as the Environmental Team (ET) by the Contractor.
- 1.1.2 The Contract is part of Hong Kong Zhuhai Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) which is a "Designated Project", under Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap 499). An Environmental Impact Assessment (EIA) Report (Register No. AEIAR-145/2009) was prepared for the Project. The current Environmental Permit (EP) No. EP-353/2009/K for HKBCF was issued on 11 April 2016. These documents are available through the EIA Ordinance Register. Site preparation work of the Contract started on 26 September 2014 and the construction works of the Contract Appendix A.
- 1.1.3 The proposed works under this Contract comprise the following:
 - Construction of Passenger Clearance Building (PCB) including architectural and builders works, structural steel roof and reinforced concrete frames, basement, piled foundations, aluminium roof, curtain wall facades, building services and electrical and mechanical works;
 - Installation of district cooling system including seawater cooling intake pumping station, seawater intake and discharge water pipelines work; Installation of Chilled water cooling pipelines system, heat exchanger and chilled pumping system;
 - Construction of transport and associated facilities connecting to the PCB entailing the Emergency Vehicular Access, an at-grade mainland side drop-off area, an Hong Kong side elevated drop-off deck and 8 numbers of footbridge links;
 - Construction of a public toilet, 6 numbers of C&ED observation booths, a generator set building and a refuse storage & material recovery chamber;
 - Construction of a section of 70m common utilities enclosure and staff subway and civil provisions for associated electrical and mechanical works;
 - Construction of drainage, sewerage, fresh water & flushing water supply and utilities & service works;
 - Construction of civil provisions, including draw pits & ducting for Traffic Control and Surveillance System (TCSS) and Extra Low Voltage System (ELV);
 - Construction of box culvert A;
 - Construction of 2 numbers of vehicular bridge abutments at mainland side pickup area earthmound;
 - Construction of geotechnical works including top up the existing earth mound from +11.5mPD to the finished level as stated in the Contract, reinforced earth slope and fill slopes and special backdrop manhole at mainland side pickup area earthmound;
 - Landscape hardworks and softworks; and
 - Other works which are shown on the Drawings or specified in the Specification or which may be ordered in accordance with the Contract.
- 1.1.4 This is the thirty-fifth monthly EM&A Report for the Contract which summarizes the audit findings of the EM&A programme during the reporting period from 1 to 31 August 2017.





1.2 Project Organisation

1.2.1 The project organization structure and lines of communication with respect to the on-site environmental management structure is shown in **Appendix B**. The key personnel contact names and numbers are summarized in **Table 1-1**.

Table 1-1 Contact Information of Key Personnel

| Party | Position | Name | Telephone | Fax |
|---|---|---------------|-----------|-----------|
| Engineer or Engineer's Representative (AECOM Asia Co. Ltd.) | Chief Resident Engineer | Michael Tovey | 3958 7470 | 3468 2076 |
| Environmental Project Office / Independent Environmental Checker (Ramboll Environ Hong Kong Limited) | Environmental Project Office Leader | Y. H. Hui | 3465 2888 | 3465 2899 |
| | Independent Environmental Checker | Raymond Dai | 3465 2888 | 3465 2899 |
| Contractor | Project Manager | Owen Leung | 9232 5750 | 3621 0180 |
| (Leighton – Chun Wo Joint Venture) | Environmental Officer | Michael Lee | 9502 5887 | 3621 0180 |
| Environmental Team (Atkins China Limited) | Environmental Team Leader | Keith Chau | 2972 1721 | 2890 6343 |
| 24 hours complaint hotline | | | 3958 7300 | |

1.3 Construction Programme

1.3.1 A copy of the Contractor's construction programme is provided in **Appendix C**.

1.4 Construction Works Undertaken During the Reporting Period

- 1.4.1 A summary of the construction activities undertaken during this reporting period is shown below: Land Based work
 - Waterproofing
 - Backfilling
 - Formwork and falsework stripping
 - Western vertical column
 - Blockwork walls
 - Pipework and ductwork installation
 - Hanger rods for cable container
 - Wet trade works
 - Dry trade works
 - Façade Bracket for Cabins
 - MEP High Level Containment
 - Trolley Removal Works
 - Removal of temporary works
 - Window wall
 - CLP 11KV installation
 - Pipework and duct work installation
 - Heat exchanger installation
 - District Cooling System (DCS) chilled water pipe installation



- Heavy MEP plant set up in basement
- Box Culvert RC works
- Double Bow Truss installation
- Mullion Frame Installation
- Curtain wall glaring
- Window wall glaring
- Hanging scaffolding
- Footbridge construction
- Roof cladding
- Refuse collection point
- Southern toilet
- MISC steelwork
- Lift installation
- DCS outfall construction works

No marine based construction work was undertaken during this reporting period.



2 Air Quality Monitoring

2.1 Monitoring Locations

- 2.1.1 The air quality monitoring works for the Contract are covered by Contract No. HY/2010/02 Hong Kong-Zhuhai-Macao Bridge HKBCF Reclamation Works and Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Section between Scenic Hill and HKBCF.
- 2.1.2 The permission to carry out impact air quality monitoring work at AMS7 (Hong Kong SkyCity Marriott Hotel) was not granted after 31 January 2015. The air quality monitoring location (AMS7) was relocated to a nearby air sensitive receiver, Chu Kong Air-Sea Union Transportation Co. Ltd, from 5 February 2015. The alternative location was approved by EPD on 5 February 2015. However, AMS7A was relocated back to its original location (AMS7-Hong Kong SkyCity Marriott Hotel) on 30 December 2015. The relocation of air quality monitoring location, AMS7A, back to AMS7 was approved by EPD on 21 December 2015. The baseline and action/limit level for air quality as derived from the baseline monitoring data recorded at Hong Kong SkyCity Marriott Hotel (AMS7) was adopted for the air quality monitoring location.
- 2.1.3 The ET of the Contract or another ET of the HZMB project is required to conduct air quality monitoring at AMS6 and AMS7 as part of EM&A programme if these air quality monitoring stations are no longer covered under Contract Nos. HY/2010/02 and HY/2011/03. **Figure 2.1** shows the locations of the air monitoring stations.

| ID | Location Description |
|---------------------------|----------------------------------|
| AMS 6 ⁽¹⁾ | Dragonair/CNAC (Group) Building |
| AMS 7 ^{(1), (2)} | Hong Kong SkyCity Marriott Hotel |

 Table 2-1
 Construction Dust Monitoring Locations

Remark:

- (1) The ET of this Contract should conduct impact air quality monitoring at the AMS listed in the table as part of EM&A programme according to the latest notification from ENPO when the monitoring station(s) is/are no longer covered by another ET of the HZMB project.
- (2) The original monitoring location was at Hong Kong SkyCity Marriott Hotel (AMS7). As the permission to carry out air quality monitoring at Hong Kong SkyCity Marriott Hotel was not granted after 31 January 2015, the monitoring location was relocated to Chu Kong Air-Sea Union Transportation Co. Ltd. (AMS7A) from 5 February 2015 to 30 December 2015. The alternative monitoring location at Chu Kong Air-Sea Union Transportation Co. Ltd. was approved by EPD on 5 February 2015. However, AMS7A was relocated back to its original location (AMS7-Hong Kong SkyCity Marriott Hotel) on 30 December 2015. The relocation of air quality monitoring location, AMS7A, back to AMS7 was approved by EPD on 21 December 2015.

2.2 Monitoring Requirements

- 2.2.1 The monitoring requirements, monitoring equipment, monitoring parameters, frequency and duration, monitoring methodology, monitoring schedule, meteorological information are detailed in the monthly EM&A Reports prepared for Contract Nos. HY/2010/02 and HY/2011/03.
- 2.2.2 The Action and Limit Levels for 1-hr TSP and 24-hr TSP are provided in **Table 2-2** and **Table 2-3**, respectively.



Table 2-2 Action and Limit Levels for 1-hour TSP

| Monitoring Station | Action Level, µg/m ³ | Limit Level, µg/m³ |
|--|---------------------------------|--------------------|
| AMS 6 – Dragonair / CNAC (Group) Building (HKIA) | 360 | 500 |
| AMS 7 - Hong Kong SkyCity Marriott Hotel | 370 | 500 |

Table 2-3 Action and Limit Levels for 24-hour TSP

| Monitoring Station | Action Level, µg/m ³ | Limit Level, µg/m³ |
|--|---------------------------------|--------------------|
| AMS 6 – Dragonair / CNAC (Group) Building (HKIA) | 173 | 260 |
| AMS 7 - Hong Kong SkyCity Marriott Hotel | 183 | 260 |

- 2.2.3 The event and action plan is provided in **Appendix D**.
- 2.2.4 If exceedance(s) at these station(s) is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the monthly EM&A Report.

2.3 Monitoring Results

- 2.3.1 The monitoring results for AMS6 and AMS7 are reported in the monthly EM&A Reports prepared for Contract Nos. HY/2011/03 and HY/2010/02, respectively.
- 2.3.2 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 shall be referred to the monthly EM&A report prepared by Contract No. HY/2011/03.
- 2.3.3 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at AMS7 recorded by the ET of Contract No. HY/2010/02 during the reporting period.



3 Noise Monitoring

3.1 Monitoring Locations

3.1.1 The noise monitoring works for the Contract are covered by Contract No. HY/2010/02 Hong Kong-Zhuhai-Macao Bridge HKBCF – Reclamation Works. The ET of the Contract or another ET of the HZMB project is required to conduct impact noise monitoring at NMS2 and NMS3B as part of EM&A programme if these noise monitoring stations are no longer covered under Contract No. HY/2010/02. **Figure 3.1** shows the locations of noise monitoring stations.

Table 3-1 Construction Noise Monitoring Locations

| ID | Location Description |
|-------------------------|---|
| NMS2 ⁽¹⁾ | Seaview Crescent |
| NMS3B ⁽¹⁾⁽²⁾ | Site Boundary of Site Office Area at Works Area WA2 |

Remarks:

(1) The ET of this Contract should conduct impact noise monitoring at the NMS listed in the table as part of EM&A programme according to the latest notification from ENPO when the monitoring station(s) is/are no longer covered by another ET of the HZMB project.

(2) The Action and Limit Levels for schools will be applied for this alternative monitoring location.

3.2 Monitoring Requirements

- 3.2.1 The monitoring requirements, monitoring equipment, monitoring parameters, frequency and duration, monitoring methodology and monitoring schedule are detailed in the monthly EM&A Reports prepared for Contract No. HY/2010/02.
- 3.2.2 The Action and Limit Levels for construction noise are defined in **Table 3-2**.

Table 3-2 Action and Limit Level for Construction Noise

| Parameter | Action Level | Limit Level |
|--|---|-------------|
| 07:00 – 19:00 hours on normal weekdays | When one documented complaint is received | 75 dB(A)* |

Notes:

If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

* Limit level is 70 dB(A) for schools and 65 dB(A) during school examination period.

- 3.2.3 The event and action plan is provided in **Appendix D**.
- 3.2.4 If exceedance(s) at these station(s) is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the monthly EM&A Report.

3.3 Monitoring Results

3.3.1 The monitoring results for NMS2 and NMS3B are reported in the monthly EM&A Reports prepared for Contract No. HY/2010/02. No noise exceedances were recorded at stations NMS2 and NMS3B by the ET of Contract No. HY/2010/02 during the reporting period.





Water Quality Monitoring

4.1 Monitoring Location

- 4.1.1 The water monitoring works for the Contract are covered by Contract No. HY/2010/02 Hong Kong-Zhuhai-Macao Bridge HKBCF Reclamation Works. A total of twenty-one stations (nine Impact Stations, seven Sensitive Receiver Stations and five Control/Far Field Stations) are covered by the current EM&A programme. The water quality monitoring stations at CS(Mf)3 (Coordinate: 809989E, 821117N), IS10 (Coordinate: 812577E, 820670N) and SR5 (811489E, 820455N) have been occupied by the marine work of a designated project Expansion of Hong Kong International Airport into a Three-Runway System (3RS Project). The alternative water quality monitoring station at CS(Mf)3(N) (Coordinate: 808814E, 822355N), IS10(N) (Coordinate: 812942E, 820881N) and SR5(N) (812569E, 8201475N) were justified and verified by the ET Leader for Contract No. HY/2010/02 and the IEC respectively on 24 March 2017 and it was approved by EPD on 12 May 2017.
- 4.1.2 The ET of the Contract or another ET of the HZMB project is required to conduct water quality monitoring at these stations as part of EM&A programme if these monitoring stations are no longer covered under Contract No. HY/2010/02. **Table 4-1** and **Figure 4.1** shows the locations of water quality monitoring stations.

| Station | Description | East | North |
|----------|---|--------|--------|
| IS5 | Impact Station (Close to HKBCF construction site) | 811579 | 817106 |
| IS(Mf)6 | Impact Station (Close to HKBCF construction site) | 812101 | 817873 |
| IS7 | Impact Station (Close to HKBCF construction site) | 812244 | 818777 |
| IS8 | Impact Station (Close to HKBCF construction site) | 814251 | 818412 |
| IS(Mf)9 | Impact Station (Close to HKBCF construction site) | 813273 | 818850 |
| IS10 | Impact Station (Close to HKBCF construction site) | 812577 | 820670 |
| IS10(N)* | Impact Station (Close to HKBCF construction site) | 812942 | 820881 |
| IS(Mf)11 | Impact Station (Close to HKBCF construction site) | 813562 | 820716 |
| IS(Mf)16 | Impact Station (Close to HKBCF construction site) | 814328 | 819497 |
| IS17 | Impact Station (Close to HKBCF construction site) | 814539 | 820391 |
| SR3 | Sensitive receivers (San Tau SSSI) | 810525 | 816456 |
| SR4(N) | Sensitive receivers (Tai Ho) | 814705 | 817859 |
| SR5 | Sensitive receivers (Artificial Reef in NE Airport) | 811489 | 820455 |
| SR5(N)* | Sensitive receiver (Artificial Reef in NE Airport) | 812569 | 821475 |
| SR6 | Sensitive receivers (Sha Chau and Lung Kwu Chau | 805837 | 821818 |
| | Marine Park) | | |
| SR7 | Sensitive receivers (Tai Mo Do) | 814293 | 821431 |
| SR10A | Sensitive receivers (Ma Wan FCZ) 1 | 823741 | 823495 |
| SR10B(N) | Sensitive receivers (Ma Wan FCZ) 2 | 823683 | 823187 |
| CS(Mf)3 | Control Station | 809989 | 821117 |

 Table 4-1 Impact Water Quality Monitoring Stations





| Station | Description | East | North |
|-------------|-----------------|--------|--------|
| CS(Mf)3(N)* | Control Station | 808814 | 822355 |
| CS(Mf)5 | Control Station | 817990 | 821129 |
| CS4 | Control Station | 810025 | 824004 |
| CS6 | Control Station | 817028 | 823992 |
| CSA | Control Station | 818103 | 823064 |

Remarks: * Alternative water quality monitoring stations at CS(Mf)3(N), SR5(N) and IS10(N) were justified and verified by the ET Leader for Contract No. HY/2010/02 and the IEC respectively on 24 March 2017 and it was approved by EPD on 12 May 2017.

4.2 Monitoring Requirements

- 4.2.1 The monitoring requirements, monitoring equipment, monitoring parameters, frequency and duration, monitoring methodology, monitoring schedule, meteorological information are detailed in the monthly EM&A Reports prepared for Contract No. HY/2010/02.
- 4.2.2 The Action and Limit Levels for water quality are provided in **Table 4-2**.

Table 4-2 Action and Limit Levels for Water Quality

| Parameters | Action | Limit |
|----------------------------------|-------------------------------|--------------------------------|
| DO in mg L ⁻¹ | Surface and Middle | Surface and Middle |
| (Surface, Middle & | 5.0 | 4.2 (except 5 mg/L for FCZ) |
| Bottom) | Bottom | Bottom |
| | 4.7 | 3.6 |
| SS in mg L ⁻¹ (depth- | 23.5 and 120% of | 34.4 and 130% of upstream |
| averaged) at all | upstream control station's | control station's SS at the |
| monitoring stations and | SS at the same tide of the | same tide of the same day |
| control stations | same day* | and 10mg/L for WSD |
| | | Seawater intakes* |
| Turbidity in NTU | 27.5 and 120% of | 47.0 and 130% of upstream |
| (depth-averaged) | upstream control station's | control station's turbidity at |
| | turbidity at the same tide of | the same tide of the same |
| | the same day* | day* |

Remarks: * Reference is made to EPD approval of adjustment of water quality assessment criteria issued and became effective on 18 February 2013.

Notes: 1. "depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.

2. For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.

- 3. For turbidity, SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- 4. All the figures given in the table are used for reference only and the EPD may amend the figures whenever it is considered as necessary.

5. The 1%-ile of baseline data for dissolved oxygen (surface and middle) and dissolved oxygen (bottom) are 4.2 mg/L and 3.6 mg/L respectively.





4.2.3 If exceedance(s) at these stations is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the monthly EM&A Report.

4.3 Monitoring Result

4.3.1 The monitoring results for the monitoring stations are reported in the monthly EM&A Reports prepared for Contract No. HY/2010/02. There was no Action Level and Limit Level exceedance of DO, Turbidity and SS recorded by the Environmental Team of Contract No. HY/2010/02 during the reporting period.



5 Dolphins Monitoring

5.1 Monitoring Location

5.1.1 The dolphin monitoring works for the Contract are covered by Contract No. HY/2010/02 Hong Kong-Zhuhai-Macao Bridge HKBCF – Reclamation Works. The ET of the Contract or another ET of the HZMB project is required to conduct dolphin monitoring at the twenty-four transects as part of EM&A programme if these transects are no longer covered under Contract No. HY/2010/02. The dolphin monitoring should adopt line-transect vessel survey method. The survey follows pre-set and fixed transect lines in the two areas defined by AFCD as: Northeast Lantau survey area; and Northwest Lantau survey area. The change of transect lines 2, 3, 4, 5, 6 and 7 and new vessel-based transect line 24 for dolphin monitoring have been proposed due to the marine work of a designated project - Expansion of Hong Kong International Airport into a Three-Runway System (3RS Project). It was justified and verified by the ET Leader for Contract No. HY/2010/02 and the IEC respectively on 24 March 2017 and it was approved by EPD on 12 May 2017. Figure 5.1 shows the co-ordinates for the transect lines and layout map.

5.1.2 The co-ordinates for the transect lines and a layout map showing the transect lines have been provided by AFCD and are shown in **Table 5-1**.

| Transect ID | HK Grid System | | Long Lat in WGS84 | |
|-------------|----------------|--------|-------------------|-----------|
| | Х | Y | Long | Lat |
| 1* | 804671 | 815456 | 113.870287 | 22.277678 |
| 1 | 804671 | 831404 | 113.869975 | 22.421696 |
| 2 | 805476 | 820800 | 113.877995 | 22.325951 |
| 2 | 805476 | 826654 | 113.877882 | 22.378815 |
| 2 | 806464 | 821150 | 114.030267 | 22.196697 |
| 3 | 806464 | 822911 | 114.047344 | 22.196712 |
| 4 | 807518 | 821500 | 114.033651 | 22.206219 |
| 4 | 807518 | 829230 | 114.108618 | 22.206267 |
| F | 808504 | 821850 | 114.037037 | 22.215126 |
| 5 | 808504 | 828602 | 114.102523 | 22.215169 |
| c | 809490 | 822150 | 114.039938 | 22.224033 |
| 6 | 809490 | 825352 | 114.070995 | 22.224056 |
| 7 | 810499 | 822000 | 114.038474 | 22.233143 |
| 1 | 810499 | 824613 | 114.063820 | 22.233163 |
| 8* | 811508 | 821123 | 113.936539 | 22.328966 |
| 0 | 811508 | 824254 | 113.936486 | 22.357241 |
| 9* | 812516 | 821303 | 113.946320 | 22.330606 |
| | 812516 | 824254 | 113.946279 | 22.357255 |
| 10* | 813525 | 820827 | 113.956112 | 22.326321 |
| 10 | 813525 | 824657 | 113.956066 | 22.360908 |
| 11# | 814556 | 818853 | 113.966155 | 22.304858 |
| 11# | 814556 | 820992 | 113.966125 | 22.327820 |
| 12 | 815542 | 818807 | 113.975726 | 22.308109 |
| 12 | 815542 | 824882 | 113.975647 | 22.362962 |
| 13 | 816506 | 819480 | 113.985072 | 22.314192 |
| 15 | 816506 | 824859 | 113.985005 | 22.362771 |
| 14 | 817537 | 820220 | 113.995070 | 22.320883 |
| 14 | 817537 | 824613 | 113.995018 | 22.360556 |
| 15 | 818568 | 820735 | 114.005071 | 22.325550 |
| 15 | 818568 | 824433 | 114.005030 | 22.358947 |
| 16 | 819532 | 821420 | 114.014420 | 22.331747 |
| 10 | 819532 | 824209 | 114.014390 | 22.356933 |

 Table 5-1
 Impact Dolphin Monitoring Line Transect Co-ordinates (Provided by AFCD)





| Tropost ID | HK Grid System | | Long Lat in WGS84 | |
|-------------|----------------|--------|-------------------|-----------|
| Transect ID | х | Y | Long | Lat |
| 47 | 820451 | 822125 | 114.023333 | 22.338117 |
| 17 | 820451 | 823671 | 114.023317 | 22.352084 |
| 18 | 821504 | 822371 | 114.033556 | 22.340353 |
| 10 | 821504 | 823761 | 114.033544 | 22.352903 |
| 10 | 822513 | 823268 | 114.043340 | 22.348458 |
| 19 | 822513 | 824321 | 114.043331 | 22.357971 |
| 20 | 823477 | 823402 | 114.052695 | 22.349680 |
| 20 | 823477 | 824613 | 114.052686 | 22.360610 |
| 04 | 805476 | 827081 | 113.877878 | 22.382668 |
| 21 | 805476 | 830562 | 113.877811 | 22.414103 |
| 22 | 806464 | 824033 | 113.887520 | 22.355164 |
| 22 | 806464 | 829598 | 113.887416 | 22.405423 |
| 00 | 814559 | 821739 | 113.966142 | 22.334574 |
| 23 | 814559 | 824768 | 113.966101 | 22.361920 |
| 24 | 805476 | 815900 | 113.979368 | 22.187721 |
| 24 | 805476 | 819100 | 114.010398 | 22.187756 |

Remarks:

 (a) * Due to the presence of deployed silt curtain systems at the site boundaries of the Contract, some of the transect lines shown in Figure 5.1 could not be fully surveyed during the regular survey. Transect

10 is reduced from 6.4km to approximately 3.6km in length due to the HKBCF construction site.

Therefore the total transect length for both NEL and NWL combined is reduced to approximately 108km

- (b) # Coordinates for transect lines 1, 8, 9 and 11 have been updated in respect to the Proposal for Alteration of Transect Line for Dolphin Monitoring approved by EPD on 19 August 2015.
- (c) The change of transect lines 2, 3, 4, 5, 6 and 7 and new transect line 24 were justified and verified by the ET Leader for Contract No. HY/2010/02 and the IEC respectively on 24 March 2017 and it was approved by EPD on 12 May 2017.

5.2 Monitoring Requirements

- 5.2.1 The monitoring requirements, monitoring equipment, monitoring parameters, frequency and duration, monitoring methodology, monitoring schedule, meteorological information are detailed in the monthly EM&A Reports prepared for Contract No. HY/2010/02.
- 5.2.2 The Action and Limit Levels for Chinese White Dolphin Monitoring are provided in **Table 5-2** and **Table 5-3**, respectively.

 Table 5-2 Action and Limit Levels for Chinese White Dolphin Monitoring - Approach to Define

 Action Level (AL) and Limit Level (LL)

| | North Lantau Social Cluster | | |
|--------------|---|---------------------------|--|
| | NEL | NWL | |
| Action Level | (STG < 70% of baseline) & | (STG < 70% of baseline) & | |
| | (ANI < 70% of baseline) | (ANI < 70% of baseline) | |
| Limit Level | [(STG < 40% of baseline) & (ANI < 40% of baseline)] AND | | |
| | [(STG < 40% of baseline) & (ANI < 40% of baseline)] | | |





Table 5-3 Derived Value of Action Level (AL) and Limit Level (LL) for Chinese White Dolphin Monitoring

| | North Lantau Social Cluster | | |
|--------------|--|----------------------------|--|
| | NEL | NWL | |
| Action Level | (STG < 4.2) & (ANI < 15.5) | (STG < 6.9) & (ANI < 31.3) | |
| Limit Level | [(STG < 2.4) & (ANI <8.9)] AND [(STG < 3.9) & (ANI < 17.9)] | | |

- 5.2.3 The event and action plan is provided in **Appendix D.**
- 5.2.4 If exceedance(s) at these survey transect(s) is/are recorded by the ET of the Contract or referred by the other ET under the HZMB project to the Contract, the ET of the Contract will carry out an investigation and findings will be reported in the monthly EM&A Report.

5.3 Monitoring Result

5.3.1 The monitoring results for dolphin monitoring are reported in the monthly EM&A Reports prepared for Contract No. HY/2010/02.



Environmental Site Inspection and Audit

6.1 Site Inspection

- 6.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting period, site inspections were carried out on 2, 9, 16, 25 and 30 August 2017.
- 6.1.2 Particular observations during the site inspections and corrective actions undertaken by the Contractor are described in **Table 6-1**.

| Date of Audit | Observations | Actions Taken by Contractor / Recommendation | Date of Observations Closed |
|----------------|--|--|--|
| 26 July 2017 | 1. Chemical containers were found without drip tray at 1/F PCB building Row 3. | 1. The chemical containers were removed on 1/F PCB building Row 3. | 2 August 2017 |
| 2 August 2017 | No particular environmental issue was recorded during the site inspection. | Nil. | Nil. |
| 9 August 2017 | 1. Chemical containers were found without proper chemical labels on 1/F PCB building Row 4. | 1. The chemical containers were removed on 1/F of PCB building Row 4. | 16 August 2017 |
| 16 August 2017 | 1. More than 20 bags of dusty material were found without cover on 1/F of PCB building Row 3. | 1. The bags of dusty material were removed on 1/F of PCB building Row 3. | 25 August 2017 |
| 25 August 2017 | Discoloured NRMM label affixed onto a generator in the vicinity of box culvert area was observed. Discoloured NRMM label affixed onto a generator in the vicinity of seawater intake area was observed. | An appropriate NRMM label was affixed to the generator at the vicinity of box culvert area. An appropriate NRMM label was affixed to the generator at the vicinity of seawater intake area. | 30 August 2017 |
| 30 August 2017 | 1. Chemical containers were observed without proper labels. A chemical container was observed without drip tray. | 1. The Contractor was remined to provide proper labels for the chemical containers and provide drip tray for the chemical container. | Follow-up action undertaken by the Contractor will be inspected during the site inspection to be undertaken in September 2017. |

Table 6-1 Summary of Environmental Site Inspections

6.1.3 The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting month. Follow-up actions for outstanding observations will be inspected in September 2017.

6.2 Advice on the Solid and Liquid Waste Management Status

6.2.1 The Contractor registered as a chemical waste producer for the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.





- 6.2.2 No marine sediment was generated in the reporting month. As informed by the Contractor in March 2016, the transfer of treated marine sediment to Contract no. HY/2010/02 has been discontinued since July 2015.
- 6.2.3 The monthly summary of waste flow table is detailed in **Appendix E**.
- 6.2.4 The Contractor was reminded that chemical waste should be properly treated and stored temporarily in designated chemical waste storage areas on site in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.
- 6.3 Environmental Licenses and Permits
- 6.3.1 The valid environmental licenses and permits during the reporting period are summarized in **Appendix F**.

6.4 Implementation Status of Environmental Mitigation Measures

- 6.4.1 In response to the site audit findings, the Contractors carried out corrective actions.
- 6.4.2 The Contractor conducts watering on all exposed soil within the Contract site and associated works areas 8 times per day when construction activities are being undertaken.
- 6.4.1 The marine traffic records and geographical plots of all the vessels tracks for the reporting month will be submitted by the Contractor to ER, ETL and IEC/ENPO within 3 weeks after the reporting month. As informed by the Contractor, there was no marine traffic since 2 June 2017.
- 6.4.2 Training was provided for barge operators in accordance with the Regular Marine Travel Routes Plan and relevant records were kept properly.
- 6.4.3 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix G**. Most of the necessary mitigation measures were implemented properly.

6.5 Summary of Exceedance of the Environmental Quality Performance Limit

- 6.5.1 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 shall be referred to the monthly EM&A report prepared by Contract No. HY/2011/03.
- 6.5.2 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 6.5.3 There was no Action and Limit Level exceedance for noise recorded at NMS2 and NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 6.5.4 There was no Action Level and Limit Level exceedance of Dissolved Oxygen (DO), Turbidity and Suspended Solids (SS) recorded by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 6.5.5 Impact dolphin monitoring results at all transects are reported in the EM&A Reports prepared for Contract No. HY/2010/02.

6.6 Summary of Complaints, Notification of Summons and Successful Prosecution

- 6.6.1 There was no complaint received in relation to the environmental impact during the reporting period. The details of cumulative statistics of Environmental Complaints are provide in **Appendix H**.
- 6.6.2 No notification of summons and prosecution was received during the reporting period.
- 6.6.3 Statistics on environmental complaints, notifications of summons and successful prosecutions are summarized in **Appendix H**.





Future Key Issues

7.1 Construction Programme for the Coming Months

7.1.1 As informed by the Contractor, the major construction activities for September 2017 are summarized in **Table 7-1**.

Table 7-1 Construction Activities for September 2017

| Site Area | Description of Activities | Nature of Activities |
|-----------|------------------------------------|----------------------|
| WA1 | Waterproofing | Land-Based |
| WA1 | Backfilling | Land-Based |
| WA1 | Formwork and falsework stripping | Land-Based |
| WA1 | Western vertical column | Land-Based |
| WA1 | Blockwork walls | Land-Based |
| WA1 | Pipework and ductwork installation | Land-Based |
| WA1 | Hanger rods for cable container | Land-Based |
| WA1 | Wet trade works | Land-Based |
| WA1 | Dry trade works | Land-Based |
| WA1 | Façade Bracket for Cabins | Land-Based |
| WA1 | MEP High Level Containment | Land-Based |
| WA1 | Removal of temporary works | Land-Based |
| WA1 | Window wall glazing | Land-Based |
| WA1 | Heat exchanger installation | Land-Based |
| WA1 | Heavy MEP plant set up in basement | Land-Based |
| WA1 | Double Bow Truss installation | Land-Based |
| WA1 | Mullion Frame Installation | Land-Based |
| WA1 | Curtain wall glaring | Land-Based |
| WA1 | Hanging scaffolding | Land-Based |
| WA1 | Footbridge construction | Land-Based |
| WA1 | Roof cladding | Land-Based |
| WA1 | Refuse collection point | Land-Based |
| WA1 | Southern toilet | Land-Based |
| WA1 | MISC steelwork | Land-Based |
| WA1 | Lift installation | Land-Based |
| WA1 | Escalator installation | Land-Based |
| WA1 | Glazed lift installation | Land-Based |
| WA1 | Road and Kerbing | Land-Based |
| NIL | NIL | Marine-Based |

7.2 Environmental Site Inspection and Monitoring Schedule for the Coming Month

7.2.1 The air quality, noise, water quality and dolphin monitoring works under Contract No. HY/2010/02 will suspended from 1 September 2017. The ET of Contract No. HY/2013/01 will continue the same implementation of environmental monitoring start from 1 September 2017. The tentative schedule for weekly site inspection and monitoring for September 2017 is provided in **Appendix I**.





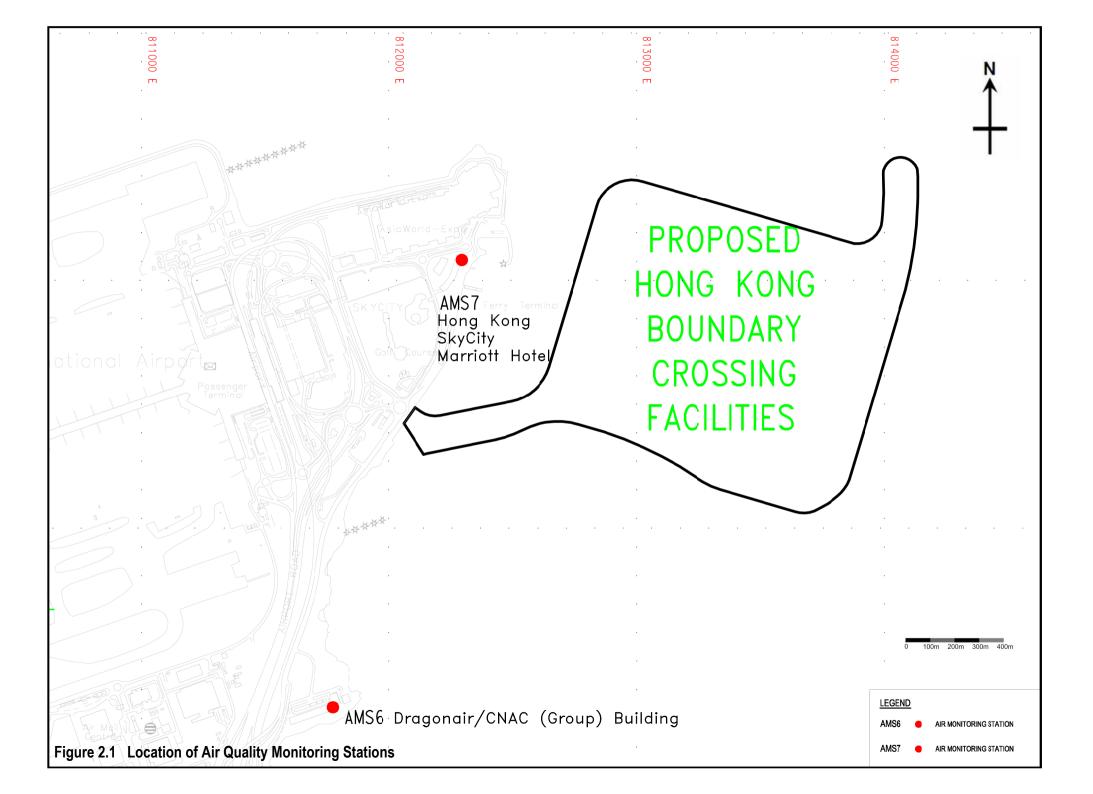
Conclusions

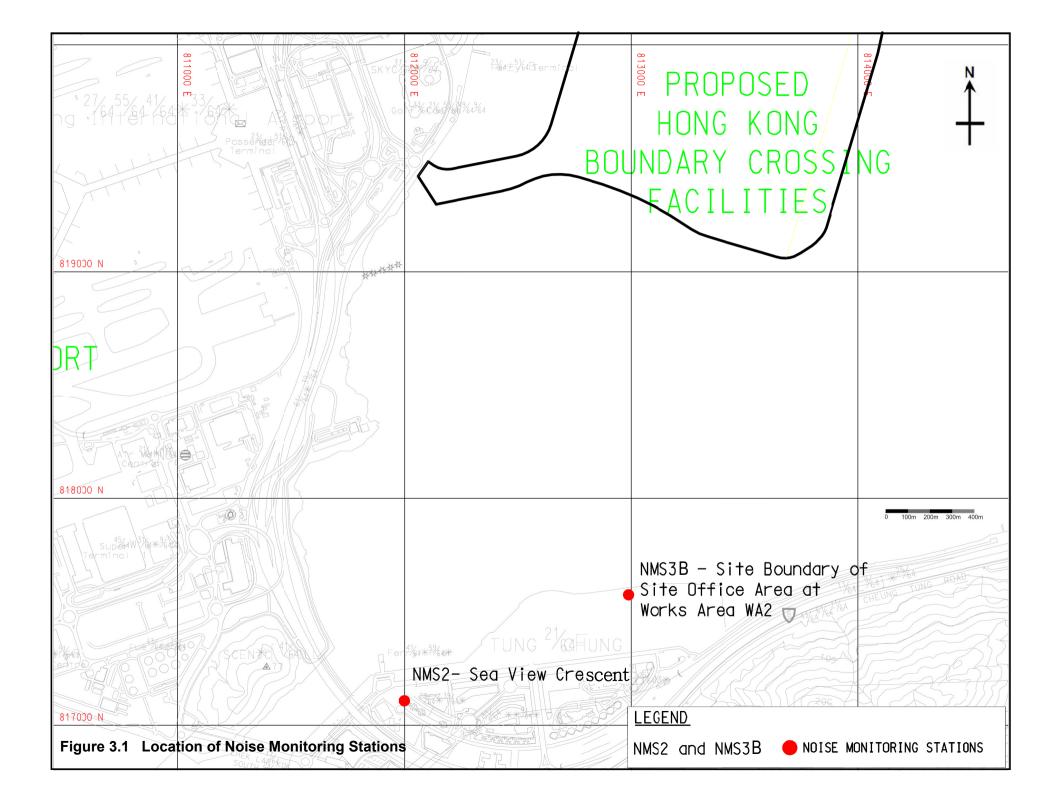
8.1 Conclusions

- 8.1.1 The site preparation work of the Contract started on 26 September 2014 and the construction works of the Contract commenced on 6 October 2014. The thirty-fifth monthly EM&A Report summarizes findings of the EM&A works during the reporting period from 1 to 31 August 2017.
- 8.1.2 Summary of Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level at AMS6 shall be referred to the monthly EM&A report prepared by Contract No. HY/2011/03.
- 8.1.3 There was no Action and Limit Level exceedance of 1-hr TSP level and 24-hr TSP level recorded at AMS7 by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 8.1.4 There was no Action and Limit Level exceedance for noise recorded at NMS2 and NMS3B by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 8.1.5 There were no Action Level and Limit Level exceedance of Dissolved Oxygen (DO), Turbidity and Suspended Solids (SS) recorded by the Environmental Team of Contract No. HY/2010/02 during the reporting period.
- 8.1.6 Impact dolphin monitoring results at all transects are reported in the EM&A Reports prepared for Contract No. HY/2010/02.
- 8.1.7 Environmental site inspections were carried out on 2, 9, 16, 25 and 30 August 2017. Recommendations on remedial actions were given to the Contractor for the deficiencies identified during the site inspections.
- 8.1.8 There was no complaint received in relation to the environmental impact during the reporting period.
- 8.1.9 No notification of summons and successful prosecution was received during the reporting period.



FIGURES











IMPACT STATIONS



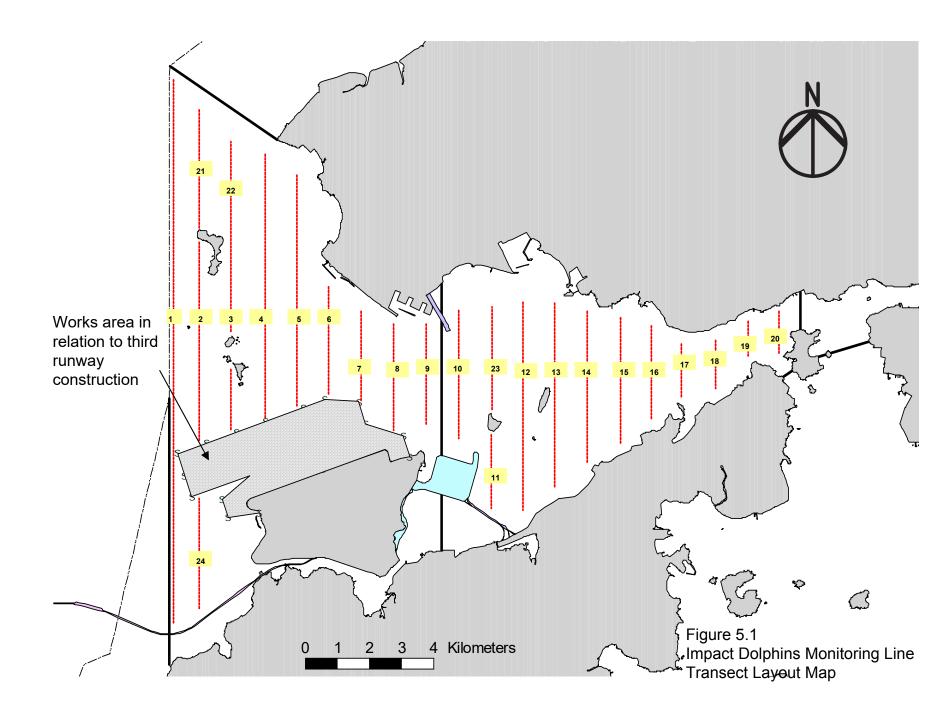
CONTROL / FAR FIELD STATIONS

SENSITIVE RECEIVERS STATIONS

FIGURE 4.1- LOCATION OF WATER QUALITY MONITORING STATIONS

SETTING OUT SCHEDULE

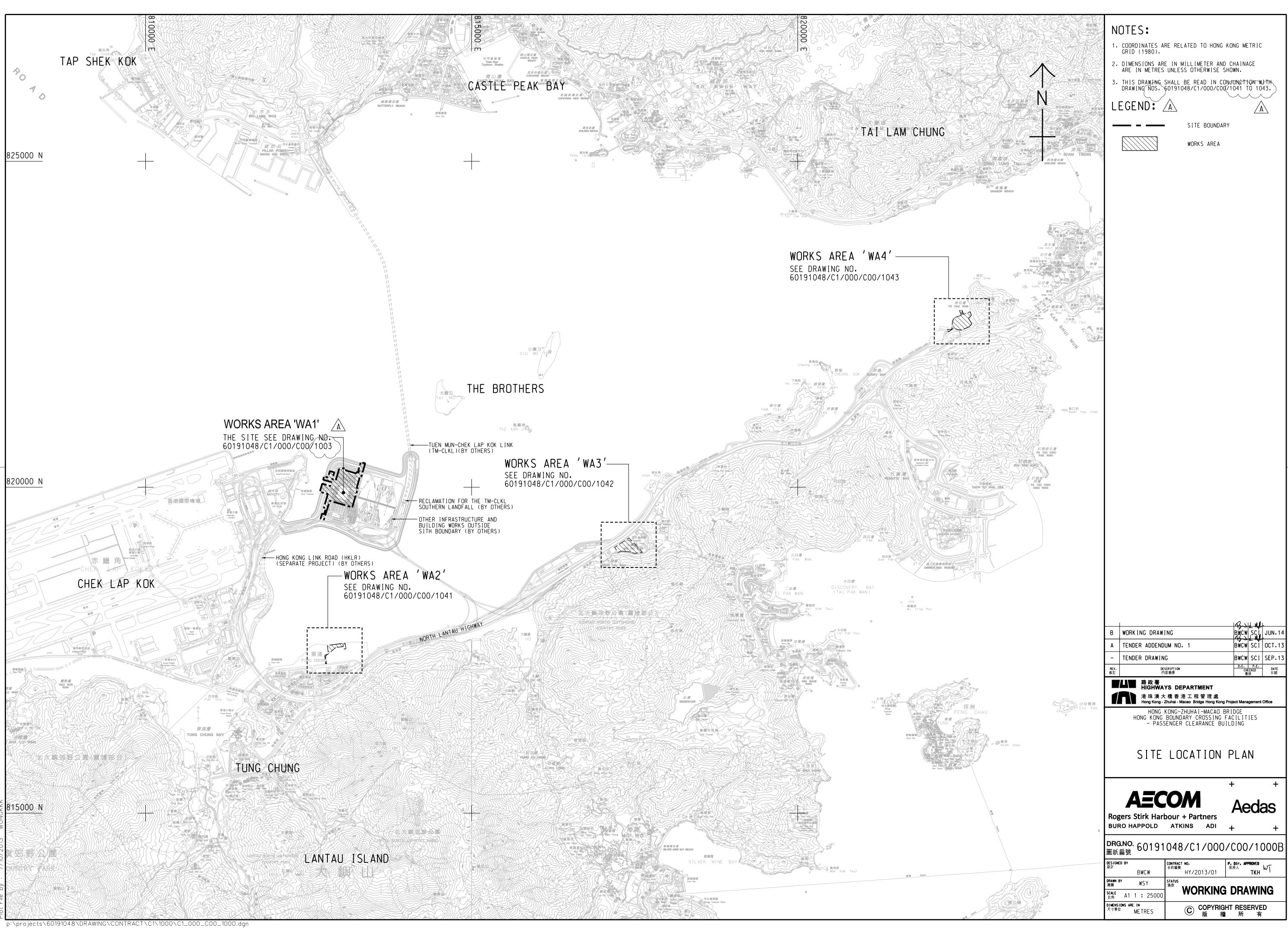
| MONITORING | CO-ORDINATES | | |
|------------|--------------|----------|--|
| STATIONS | EASTING | NORTHING | |
| 1\$5 | 811579 | 817106 | |
| IS(Mf)6 | 812101 | 817873 | |
| IS7 | 812244 | 818777 | |
| IS8 | 814251 | 818412 | |
| IS(Mf)9 | 813273 | 818850 | |
| IS10 | 812577 | 820670 | |
| IS10(N) | 812942 | 820455 | |
| IS(Mf)11 | 813562 | 820716 | |
| IS(Mf)16 | 814328 | 819497 | |
| IS17 | 814539 | 820391 | |
| SR3 | 810525 | 816456 | |
| SR4(N) | 814705 | 817859 | |
| SR5 | 811489 | 820455 | |
| SR 5(N) | 812569 | 821475 | |
| SR6 | 805837 | 821818 | |
| SR7 | 814293 | 821431 | |
| SR10A | 823741 | 823495 | |
| SR10B(N) | 823683 | 820881 | |
| CS(Mf)3 | 809989 | 821117 | |
| CS(Mf)3(N) | 808814 | 822355 | |
| CS(Mf)5 | 817990 | 821129 | |
| CS4 | 810025 | 824004 | |
| CS6 | 817028 | 823992 | |
| CSA | 818103 | 823064 | |

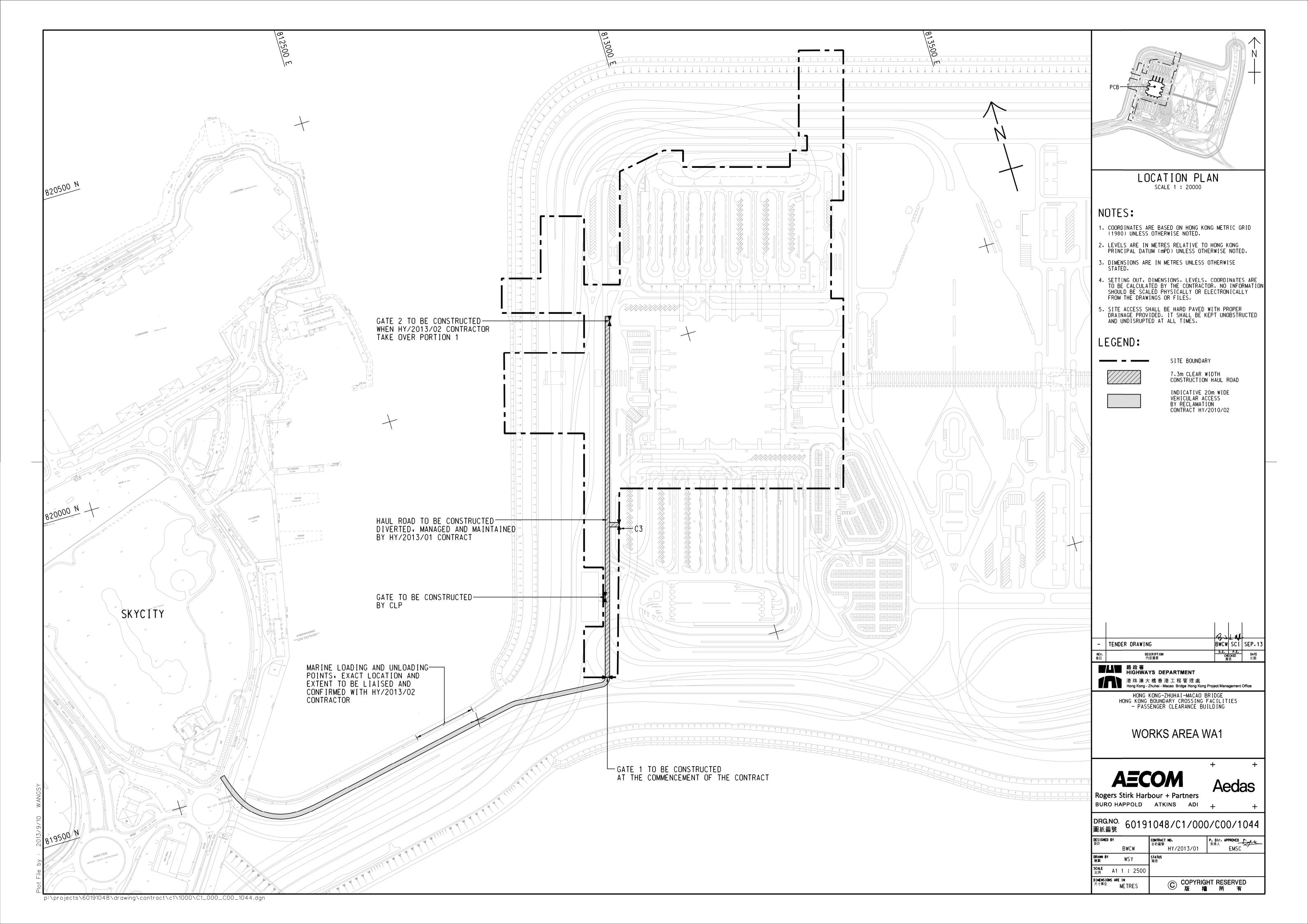


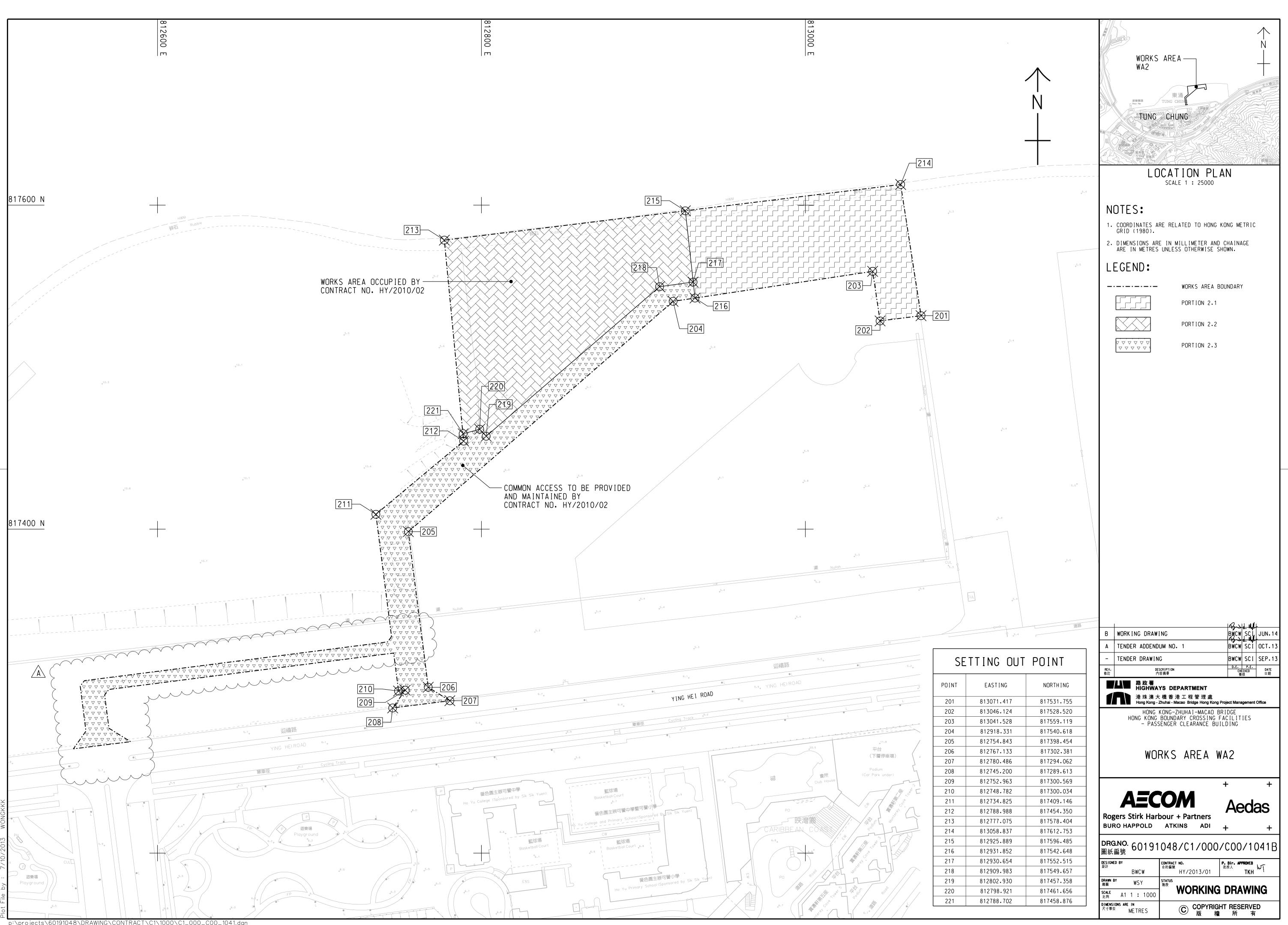




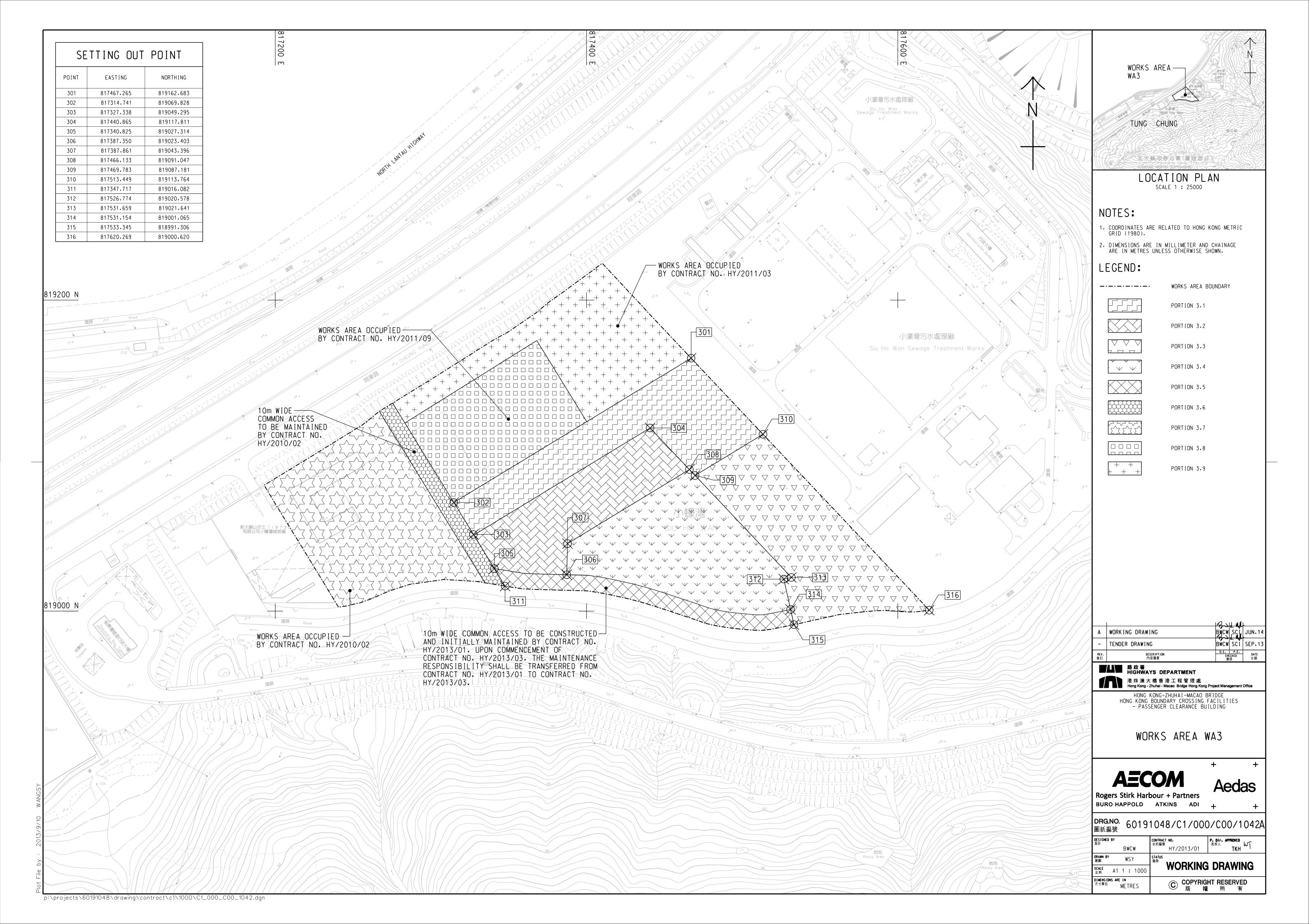
Location of Works Areas

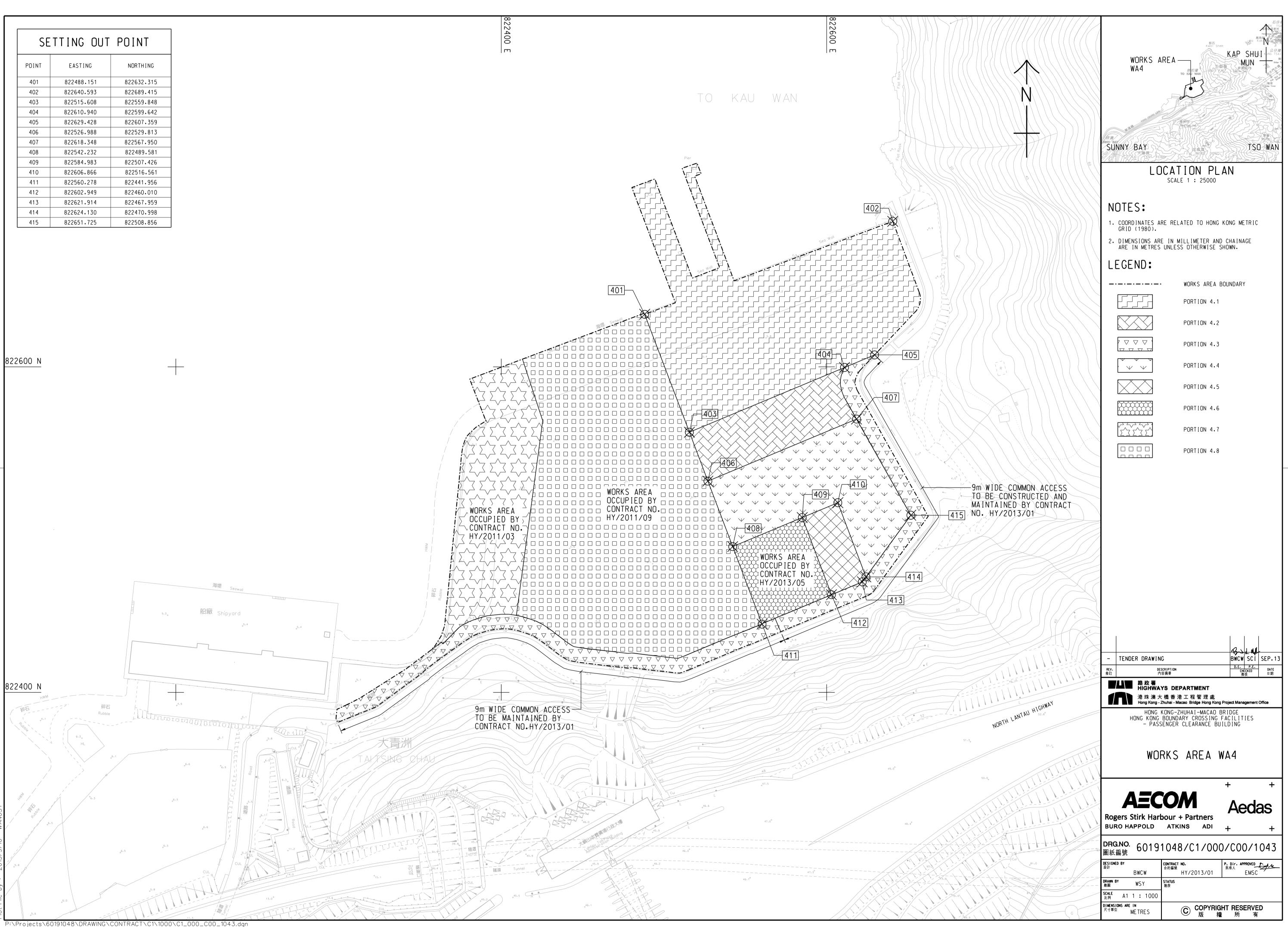






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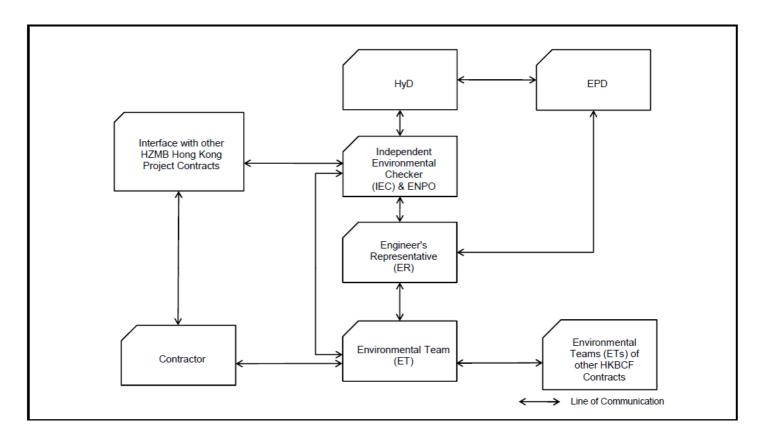
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APPENDIX B

Project Organization for Environmental Works

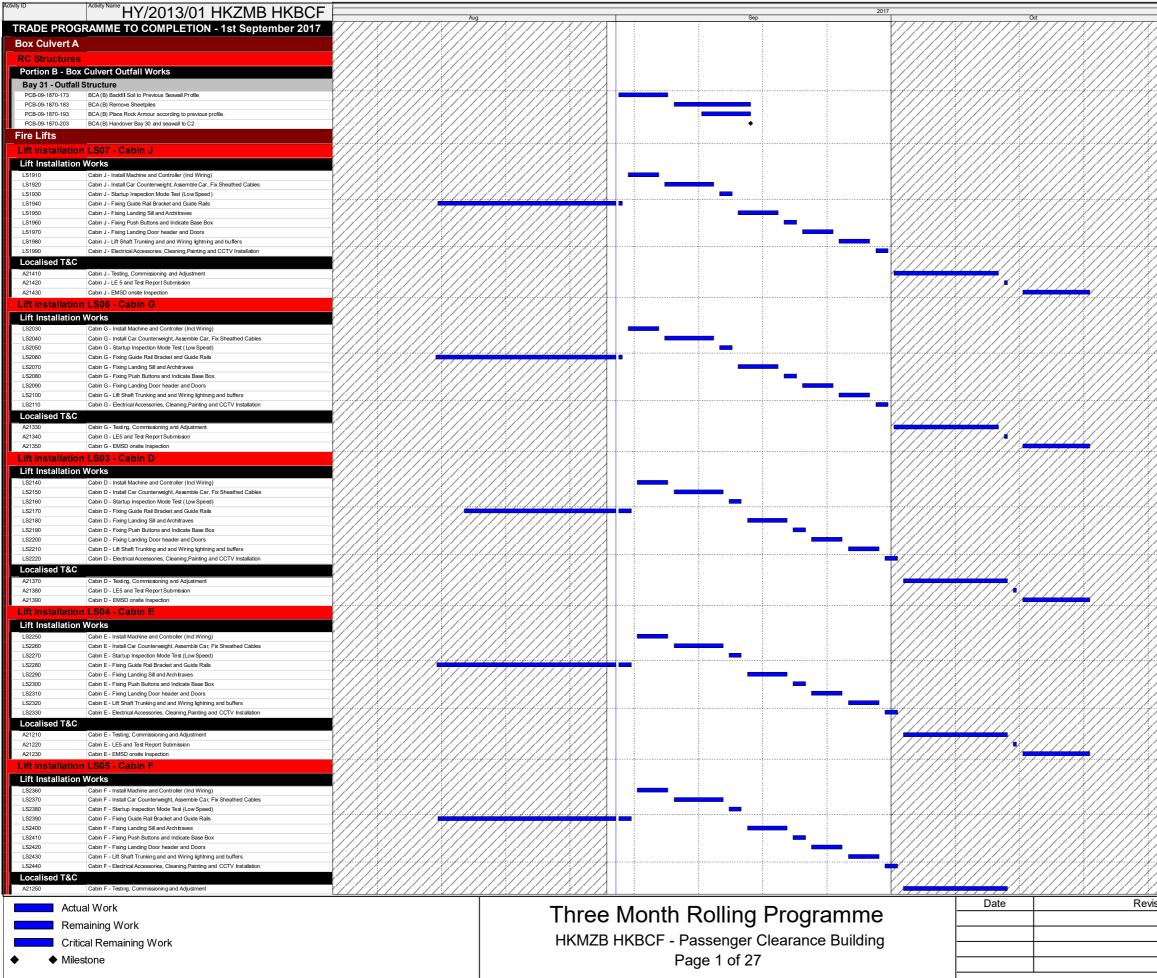








Construction Programme

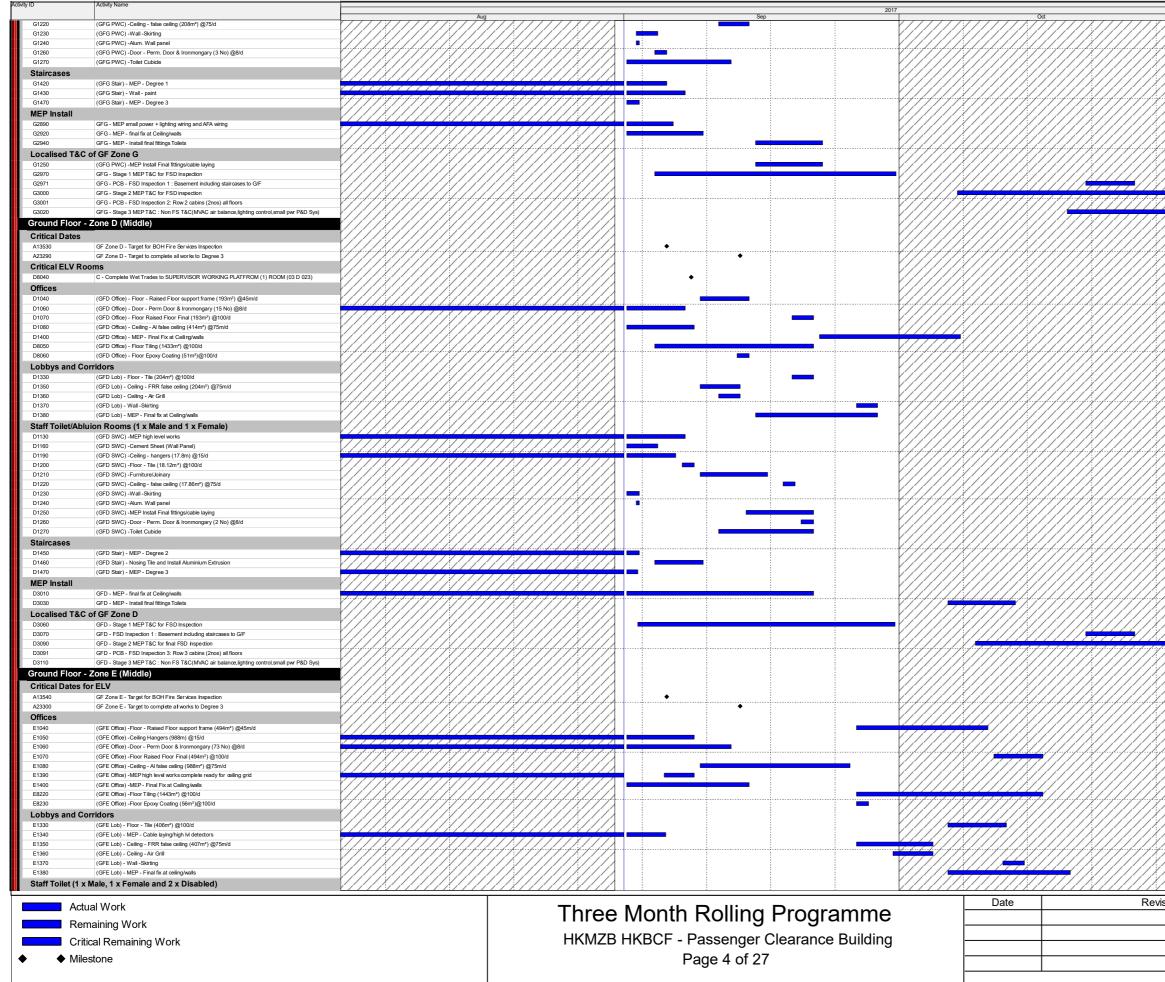


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| ACIMIY ID | Activity Name | Auc | Iq III | Sep | 2017 | Oct | | | Nov | |
|-------------------------|---|---|---|-------------------------------------|---|---|----------------------------------|---|---------|----------|
| A21260 | Cabin F - LE5 and Test Report Submission | | | | | ///// <u>////////////////////////////////</u> | | | | |
| A21270 | Cabin F - EMSD onsite Inspection n LS02 - Cabin C | | | | | | | | | |
| Lift Installation | | | /////////////////////////////////////// | | | | | | | |
| LS2470 | Cabin C - Install Machine and Controller (Incl Wiring) | | | | | | | | | |
| LS2480 | Cabin C - Install Car Counterweight, Assemble Car, Fix Sheathed Cables | | | | | | | | | |
| LS2490 LS2500 | Cabin C - Startup Inspection Mode Test (Low Speed) Cabin C - Fixing Guide Rail Bracket and Guide Rails | | | | | | | | | |
| LS2510 | Cabin C - Fixing Landing Sill and Architraves | | | | | | | | | |
| LS2520 LS2530 | Cabin C - Fixing Push Buttons and Indicate Base Box Cabin C - Fixing Landing Door header and Doors | -\///////////////////////////////////// | /////////////////////////////////////// | | | | | | | |
| LS2540 | Cabin C - Lift Shaft Trunking and and Wiring lightning and buffers | | | | = /////// | | | | | |
| LS2550 | Cabin C - Electrical Accessories, Cleaning, Painting and CCTV Installation | | | | | | | | | |
| A21290 | Cabin C - Testing, Commissioning and Adjustment | | | | | | | | | |
| A21300 | Cabin C - LE5 and Test Report Submission | | | | | | | | | |
| A21310 | Cabin C - EMSD onsite Inspection n LS01 - Cabin A | | | | | | | | | |
| Lift Installation | | | | | | | | | | |
| LS2580 | Cabin A- Install Machine and Controller (Incl Wiring) | | | | | | | | | |
| LS2590 | Cabin A - Install Car Counterweight, Assemble Car, Fix Sheathed Cables | | | | | | | | | |
| LS2600 LS2610 | Cabin A - Startup Inspection Mode Test (Low Speed) Cabin A - Fixing Guide Rail Bracket and Guide Rails | <u>↓</u> | | | | | / <i>./././././././././.</i> /./ | | | |
| LS2620 | Cabin A - Fixing Landing Sill and Architraves | | | | | | | | | |
| LS2630 LS2640 | Cabin A - Fixing Push Buttons and Indicate Base Box Cabin A - Fixing Landing Door header and Doors | -{///////////////////////////////////// | /////////////////////////////////////// | | | | | | | |
| LS2650 | Cabin A - Lift Shaft Trunking and and Wiring lightning and buffers | | | | - //////////////////////////////////// | | | | | |
| LS2660 | Cabin A - Electrical Accessories, Cleaning, Painting and CCTV Installation | | /////////////////////////////////////// | | | | | | | |
| Localised T&C | Cabin A - Testing, Commissioning and Adjustment | | | | | <u> </u> | | | | |
| A21180 | Cabin A - LE5 and Test Report Submission | | | | | | | | | |
| A21190 | Cabin A - EMSD onsite Inspection | | /////////////////////////////////////// | | | | | | | |
| Basement | | | /////////////////////////////////////// | | | | | | | |
| Zone J | | | | | | | | | | |
| Plant Rooms | (DE LDInes), Jackell Time ELO Ensue Elses Oscarizo (4000-2) @40014 | | | | | | | | | |
| A17960 Lobbys and Co | (BFJ Plant) - Install Type FL9 Epoxy Floor Covering (1223m ²) @100/d | | | | | | | | | |
| A17680 | (BFJ Lobby) - Install Type C5 FR Ceiling Panels (201m ²)@75m/d | | | | | | | | | |
| A17900 | (BFJ Lobby) - Install Type FL9 Epoxy Floor Covering (7.5m ²)@100/d | | | - | | | | | | |
| Zone H - Servi | | | | | | | | | | |
| Lobbys and Co | rridors (BFH Lobby) - Install Type C5 FR Ceiling Panels (440m²)@75m/d | | | | | | | | | |
| A17750 | (BFH Lobby) - Install Type C3 FR Celling Parlets (44011) @75010 (BFH Lobby) - Install Type FL9 Epoxy Floor Covering (388m ²)@100/d | | | | | | | | | |
| Zone G | | | | | | | | | | |
| Plant Rooms | | | | | | | | | | |
| A17690 A17980 | (BFG Plant) - Install Type C5 FR Ceiling Panels (246m ²)@75m/d (BFG Plant) - Install Type FL9 Epoxy Floor Covering (1826m ²)@100/d | | | | | | | | | |
| Lobbys and Co | | | | | | | | | | |
| A17760 | (BFG Lobby) - Install Type C5 FR Ceiling Panels (1354m²)@75m/d | | | | | | | | | |
| A17910 | (BFG Lobby) - Install Type FL9 Epoxy Floor Covering (11.37m ²)@100/d | | | | | | | | | |
| Zone D | (BFD) - MEP Complete Cable Pulling and High Level Works | | | | | | | | | |
| Plant Rooms | | | | | | | | | | |
| A17700 | (BFD Plant) - Install Type C5 FR Ceiling Panels (211m ²)@75m/d | | | | | | | | | |
| A18010 Lobbys and Co | (BFE Plant) - Install Type FL9 Epoxy Floor Covering (3373m ²)@100/d | | /////////////////////////////////////// | | ////// | | | | | |
| A17770 | (BFD Lobby) - Install Type C5 FR Ceiling Panels (234m ²)@75m/d | | | | | | | | | |
| A17950 | (BFD Lobby) - Install Type FL9 Epoxy Floor Covering (43.5m ²)@100/d | | | | | | | | | |
| Zone E | | ////////////////////////////////////</th <th></th> <th></th> <th></th> <th>[[[[[]]]]]]</th> <th></th> <th></th> <th></th> <th></th> | | | | [[[[[]]]]]] | | | | |
| A18310 | (BFE) - MEP Complete Cable Pulling and High Level Works | | | | | | | | | |
| Plant Rooms | (BFE Plant) - Install Type C5 FR Ceiling Panels (582m²)@75m/d | | | | | []///////////////////////////////////// | | | | |
| A18000 | (BFE Plant) - Install Type FL9 Epoxy Floor Covering (4174m ²)@100/d | | /////////////////////////////////////// | | | | | ; | | |
| Lobbys and Co | | /////////////////////////////////////// | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | |
| A17780 | (BFE Lobby) - Install Type C5 FR Ceiling Panels (120m ²)@75m/d | | /////////////////////////////////////// | | | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | |
| Zone F A18330 | (BFF) - MEP Complete Cable Pulling and High Level Works | | | | | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | |
| Plant Rooms | | ~/_/_/_/_/_/_/_/_///////////////////// | /////////////////////////////////////// | | | [////////////////////////////////////// | | | | |
| A17990 | (BFF Plant) - Install Type FL9 Epoxy Floor Covering (2854m ²)@100/d | /////////////////////////////////////// | | | | //////// | | | | |
| Lobbys and Co | | ////////////////////////////////////</th <th>///X//////X///</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | ///X//////X/// | | | | | | | |
| A17740 A17920 | (BFF Lobby) - Install Type C5 FR Ceiling Panels (321m ²)@75m/d (BFF Lobby) - Install Type FL9 Epoxy Floor Covering (13.8m ²)@100/d | -\///////////////////////////////////// | /////////////////////////////////////// | | | | | | | |
| Zone A | | | | | (////// | /////////////////////////////////////// | | | | |
| A18320 | (BFA) - MEP Complete Cable Pulling and High Level Works | | | | | | | | | |
| Plant Rooms | (PEA Digst) Install Type CE ED Colling Danals (404-2/977-14 | ////////////////////////////////////</th <th></th> <th></th> <th></th> <th>[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]</th> <th></th> <th></th> <th></th> <th></th> | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | |
| A17720 A18040 | (BFA Plant) - Install Type C5 FR Ceiling Panels (491m ²)@75m/d (BFA Plant) - Install Type FL9 Epoxy Floor Covering (1894m ²)@100/d | | /////////////////////////////////////// | | | | | | | |
| Lobbys and Co | | | | | /////// | | | | | |
| A17790 | (BFA Lobby) - Install Type C5 FR Ceiling Panels (1381m ²)@75m/d | | | | _////// | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | |
| A17930 | (BFA Lobby) - Install Type FL9 Epoxy Floor Covering (8m²)@100/d | | | | r////// | | | | | |
| Λ4- | al Work | | | | | Date | Revision | | Checked | Approved |
| | | | Three | Month Rolling Programm | е | | | | | |
| | naining Work | | | | | | | | | |
| Criti | cal Remaining Work | | HKMZB F | HKBCF - Passenger Clearance Buildir | ng | | | | | |
| ♦ ♦ Mile | stone | | | Page 2 of 27 | | | | | | |
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| (GFG Lob) - Ceiling- FRR false ceiling (154m²) @75m/d (GFG Lob) - Ceiling - Ar Grill (GFG Lob) - Wail - Skriting (GFG Lob) - MEP - Final fix at Ceiling/walls 1 x Male , 1 x Female 1 x Disabled) (GFG PWC) - Vial - Tile grout (GFG PWC) - Vial - Tile grout (GFG PWC) - Floor - Tile (216m²) @15m/d (GFG PWC) - Floor - Tile (216m²) @100/d (GFG PWC) - Floor - Tile (216m²) | | | ///// e | | | | | | |
|---|---|---|--|--|---|--|--|--------|---|
| (GFG Lob) - Ceiling - Air Grill (GFG Lob) - Wall -Skirting (GFG Lob) - MEP - Final fix at Ceiling/walls 1 X Male , 1 X Fernale 1 X Disabled) (GFG PWC) -Wall - Tile grout | | | | | | | | | |
| (GFG Lob) - Ceiling - Air Grill (GFG Lob) - Wall -Skirting (GFG Lob) - MEP - Final fix at Ceiling/walls | | | | | | | | | |
| (GFG Lob) - Ceiling - Air Grill | | | | | | | | | |
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| (GFG Lob) - Floor - Tile (169m ²) @100/d (GFG Lob) - MEP - Cable laying/high lvl detectors | | | | | | | [[[[]]]] | | |
| GFG Lob) - MEP - Main ducts and trunking | | | | | | | | | |
| (GFG Office) - Floor Tiling (208m ²) @100/d (GFG Office) - Floor Epoxy Coating (78m ²)@100/d | | | | | | | | | |
| (GFG Office) - MEP high level works complete ready for ceiling grid (GFG Office) - MEP - Final Fix at Ceiling/walls | | /////////////////////////////////////// | | | | | | | |
| (GFG Office) - Floor Raised Floor Final (70m ²) @100/d (GFG Office) - Ceiling - Al false ceiling (232m ²) @75m/d | | | | | | | | | |
| (GFG Office) - Floor - Raised Floor support frame (70m²) @45m/d (GFG Office) - Door - Perm Door & Ironmongary (30 No) @8/d | | | | - | ■ | | | | |
| GF Zone G - Target to complete al works to Degree 3 | | | | • | | | | [][]] | |
| GF Zone G - Target for BOH Fire Services Inspection | | | ///// | . | | | | | |
| Zone G (South) | | | | | | | | | |
| GFJ - PCB - FSD Inspection 2: Row 2 cabins (2nos) all floors | | | | | | | | | |
| GFJ - PCB - FSD Inspection 1 : Basement including staircases to G/F | _\///////////////////////////////////// | | | | | | | | |
| of GF Zone J | | | | | | | | | |
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| (GFJ Stair) - MEP - Degree 3 (GFJ Stair) - Nosing Tile and Install Aluminium Extrusion | | | | | | | [[[[]]]] | | []////// |
| (GFJ Stair) - Floor Finishes, Epoxy/Stone | | | | | | | | | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| (GFJ SWC) - Tolet Cubicle (GFJ SWC) - MEP Install Final fittings/cable laying | | | | | | | | | |
| (GFJ SWC) - Furniture/Johany (GFJ SWC) - Door - Perm. Door & Ironmongary (3No) @8/d | | | | | | | | | |
| (GFJ SWC) - Ceiling - false ceiling (12.4m²) @75/d | | | | | | | | | |
| (GFJ SWC) - Klor - Tile (13.52m ²) @100/d (GFJ SWC) - Alum. Wall panel | | | | • | | | | | |
| (GFJ SWC) - MEP high level works | | | | L | | | | | |
| inging Rooms (2 x Male, 2 x Female) | | | | | | | | | |
| (GFJ Lob) - Wall-Skirling (GFJ Lob) - MEP - Final fix at ceiling/walls | | | | | | | | | |
| (GFJLob) - Ceiling - FRR false ceiling (126m²) @75m/d (GFJLob) - Ceiling - FRR false ceiling (126m²) @75m/d | | | | | | | | | |
| (GFJ Lob) - Floor - Tile (141m ²) @100/d | | | | | - | | | | |
| (GFJ Office) - MEP - Final Fix at Ceiling/wats | | | | | | | | | |
| (GFJ Office) - Floor Tiling (21m ²) @100/d (GFJ Office) - Ceiling - Al false ceiling (15.92m ²) @75m/d | | | | | - | | | | |
| (GFJ Office) - Floor - Epoxy Floor Coating (45m²)@100/d (GFJ Office) - Door - Perm Door & Ironmongary (30 No) @8/d | | | | _ | - | | | | |
| GF Zone J - Target to complete all works to Degree 3 | | | | • | | | | | |
| GF Zone J - Target for BOH Fire Services Inspection | | | ////// | | | | | | []////// |
| Zone J (South) | | | | | | | | | /////////////////////////////////////// |
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| Basement - PCB - FSD Inspection 1: Basement including staircases to G/F (All zones) | | | | | | | | | <u></u> _//////////////////////////////// |
| nmissioning | | | | | | | | | |
| (BFC Lobby)- Install Type C5 FR Ceiling Panels (641m ²)@75m/d | | | | | | | | | |
| (BFC Plant) - Install Type FL9 Epoxy Floor Covering (1400m²)@100/d | | | | | | | | | |
| (BFC) - MEP Complete Cable Pulling and High Level Works | | | | | | | | [[[[]] | |
| | | | | | | | | | |
| (BFB Lobby) - Install Type C5 FR Ceiling Panels (527m ²)@75m/d | | | | | | | | | |
| (BFB) - MEP Complete Cable Pulling and High Level Works | | | | | | | | | |
| ice Trough | | Aug | | Sep | | (/////// | ////// | Oct | |
| Activity Name | | | | | | 2017 | | | |
| | CF Trough (CFB). NEP Complete Cable Puling and High Level Works (FB Lobby). Instal Type FLB Epoxy Floor Covering (527m*)@75md (FB C Lobby). Instal Type FLB Epoxy Floor Covering (1400m*)@1001d (FF C Pant). Instal Type FLB Epoxy Floor Covering (1400m*)@1001d (FF C Pant). Instal Type FLB Epoxy Floor Covering (1400m*)@1001d (FF C Lobby). Instal Type FLB Epoxy Floor Covering (10m*)@1001d (FF C Lobby). Instal Type FLB Epoxy Floor Covering (10m*)@1001d (FF C Lobby). Instal Type FLB Epoxy Floor Covering (10m*)@1001d (FF C Lobby). Instal Type FLB Epoxy Floor Covering (10m*)@1001d (FF C Dame). Torget for FGOH Fire Services Impedion (FF Zone J - Target for FGOH Fire Services Impedion (FF Zone J - Target for FGOH Fire Services Impedion (FF J Office) - Foor - Fem Dox F Ion Counting (45m*)@1001d (FF J Office) - Foor - Fem Dox F Ion Counting (45m*)@1001d (FF J Office) - Foor - Fem Dox F Ion Counting (45m*)@1001d (FF J Office) - Foor - Fem Dox F Ion Counting (450m*)@1001d (FF J Office) - Foor - Fem Dox F Ion Counting (450m*)@1001d (FF J Office) - Foor - Fem Dox F Ion Counting (450m*)@1001d (FF J Office) - Foor - Fem Q F Ion Counting (450m*)@1001d (FF J Office) - Foor - Fem Q F Ion Counting (450m*)@1001d (FF J Office) - Foor - Fem Q F Ion Counting (450m*)@1001d (F | C Troug D DEFINITION DEF | C Tough Particle Control (Control (Contro) (Contro) (Control (Control (Contro) (Control (Control (Contro) (| Compation Note (IP) IP: Compation in any out of place in the second secon | Image: Control of the control of t | Charge base base of the part of the set of the part of the | No. Discussion No. Discussion Control Contro | | |

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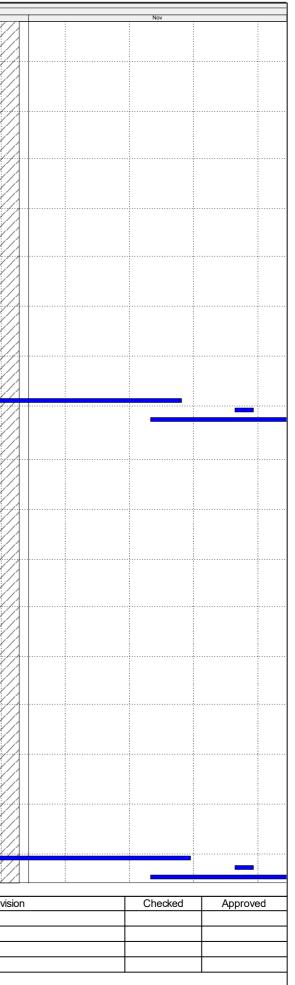
| I - Le warene martene m | E1450 | (GFE Stair) - MEP - Degree 2 | | | - | | | |
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| Window Control Image: Control Image | F1070 | (GFF Office) - Floor Epoxy Coating (34m ²)@100/d | | | | ······ | | |
| Intermediation Intermediation Intermediation Intermedia | | | | | | | | |
| Image: Structure Structur | | (GFF Office) - MEP - Final Fix at Ceiling/walls | | | | | -////////////////////////////////////// | |
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| Image: Solid State Soli | | (GFF Lob) - MEP - Cable laying/high M detectors | | | | | | |
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| Image: Section | F1210 | (GFF SWC) - Furniture/Joinary | | | | | | |
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| Interaces Interaces Interaces | F1260 | (GFF SWC) - Door - Perm. Door & Ironmongary (6 No) @8/d | | | | | | |
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| F400 Off Gag-2 VEPT 120 Inspects F400 Off Gag-3 VEPT 300-1 ker F5 T300,1MAC at balance. Splitting control unall per FAD Spit Critical Dates Image: Critical Control Splitting Control Unall per FAD Spit Offices Image: Critical Control Splitting Control Unall per FAD Spit Offices Image: Critical Control Splitting Control Unall per FAD Spit Offices Image: Critical Control Splitting Control Unall per FAD Spit Cite Control - Foor - Rade FAD Splitting Control Unall per FAD Spit Image: Critical Control Splitting Control Unall per FAD Spit Cite Control - Foor - Rade FAD Splitting Control Unall per FAD Splitting Co | F4060 | GFF - Stage 1 MEP T&C for FSD Inspection | | | | | | |
| Period OFF - PCD - FXD Insection 3. Row 3 dates (dec) at Rows FX 100 OFF - PCD - FXD Insection 3. Rows 1 dates (dec) at Rows Office I Dates • Office I D | | GFF - FSD Inspection 1 : Basement including staircases to G/F | ////////////////////////////////// | | | | <u> </u> | |
| Ground Floor - Zone C (North) Critical Dates A1389 (# Zone C - Target for BOH FP Services Inspection A2329 (# Zone C - Target for BOH FP Services Inspection A2329 (# Zone C - Target for BOH FP Services Inspection Offices • • • Offices • • • • Offices • • • • Offices • • • • • Offices • • • • • • • • • • • • • • • • • • • | F4091 | GFF - PCB - FSD Inspection 3: Row 3 cabins (2nos) all floors | | | | | | /////////////////////////////////////// |
| Critical Dates A3380 G* Zone C- Target for complete al work to Degree 3 Offices C1040 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @45m/d C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor Floor - Floor Floor Floor Floor Floor - Rated Floor napport frame (150 7/m²) @100.4 C1050 C(G*C Office) - Floor Ting (270m²) @100.4 C14550 | | | | | | | | |
| A2320 GF Zone C - Target to complete al work to Degree 3 Offices GF C Office) - Dox - Resed Floor support frame (150.7m) @45md Office (GF C Office) - Dox - Perm Dox 8 to romongue (38 Non) @84d GF C Office) - Dox - Perm Dox 8 to romongue (38 Non) @84d Office (GF C Office) - Dox - Perm Dox 8 to romongue (38 Non) @84d GF C Office) - Dox - Perm Dox 8 to romongue (38 Non) @84d Office (GF C Office) - Dox - Perm Dox 8 to romongue (38 Non) @84d GF C Office) - Dox Perm Dox 8 to romongue (38 Non) @84d Office (GF C Office) - Noor Raised Floor Stamp (35 Non) GF C Office) - Noor Raised Floor Stamp (35 Non) Office (GF C Office) - Noor Raised Floor Stamp (35 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Office (GF C Office) - Noor Raised End (36 Non) GF C Office) - Noor Raised End (36 Non) Remaining Work </th <th></th> <th></th> <th></th> <th></th> <th></th> <th>······</th> <th></th> <th></th> | | | | | | ······ | | |
| Offices Offices Offices Description De | | | | /////////////////////////////////////// | • | • | [[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | [[]][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| C1000 (GFC Office) - Floor Raued Floor Faul (150.7m)@1004 C1070 (GFC Office) - Floor Raued Floor Faul (150.7m)@1004 C1000 (GFC Office) - Floor Faul (150.7m)@1004 C1400 (GFC Office) - Floor Equary (150.7m)@1004 C1400 (GFC Office) - Floor Time (270m)@1004 C1400 (GFC Of | | Long of Trageries compose Bit monitor to Dagree of | | | | | | |
| C1070 (GFC Office) - Floor Flaid Floor Flaid (150.7m ²) @100ld C1080 (GFC Office) - Celling - A flabe celling (384 m ²) @75m/dd C1080 (GFC Office) - MEP - Fnal Fix at Celling walls C14560 (GFC Office) - Floor Flaid (150.7m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C14560 (GFC Office) - Floor Tiling (270m ²) @100ld C1560 (GFC Office) - Floor Tiling (270m ²) @100ld <th></th> <th></th> <th></th> <th></th> <th></th> <th>—</th> <th></th> <th> </th> | | | | | | — | | |
| C1400 (GFC Office) - Hile F krat Celling Valls C14550 (GFC Office) - Floor Texpor Coaling (150,7m*)@100/d C14550 (GFC Office) - Floor Tiling (270m*)@100/d Actual Work Three Month Rolling Programme Remaining Work HKMZB HKBCF - Passenger Clearance Building | C1070 | (GFC Office) - Floor Raised Floor Final (150.7m ²) @100/d | | | | | | |
| C14550 (GFC Office) - Floor Epoxy Coating (150.7m ⁻)@100ld C14560 (GFC Office) - Floor Tiling (270m ⁻)@100ld Actual Work Three Month Rolling Programme Remaining Work HKMZB HKBCF - Passenger Clearance Building | | | _////////////////////////////////////// | | | | `{ | |
| Actual Work Three Month Rolling Programme Date Revise Remaining Work HKMZB HKBCF - Passenger Clearance Building Image: Clearance Building | C14550 | (GFC Office) - Floor Epoxy Coating (150.7m ²)@100/d | | /_/ | | | | ſĸſĸſĬġſĸſĸſĸſĸſĸſĸſ |
| Actual Work Three Month Rolling Programme Remaining Work HKMZB HKBCF - Passenger Clearance Building | G 14000 | 100 Outcol - Lioni Limil (Scratti) (Ritana | /////////////////////////////////////// | | | | | |
| Critical Remaining Work HKMZB HKBCF - Passenger Clearance Building | A | ctual Work | | Three | Month Dolling Dr | ogramma | Date | Revis |
| Critical Remaining Work HKMZB HKBCF - Passenger Clearance Building | F | Remaining Work | | iniee | Monun Rolling Pr | ogramme | | |
| | | | | HKMZB I | HKBCF - Passender Clea | rance Building | | |
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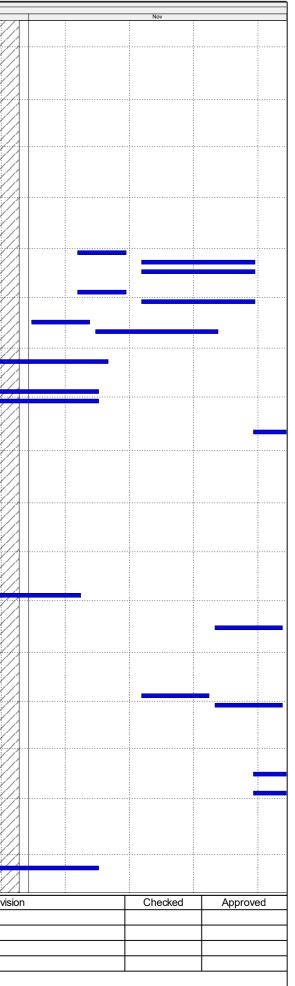
| ivity ID | Activity Name | Aug | | St | | 2017 | Oct | |
|----------------------|--|---|---|------------------|--------------------------|----------|---|---|
| Lobbys and | | | | | P | | /////////////////////////////////////// | 7./////// |
| C1330 C1350 | (GFC Lob) - Floor - Tile (104m ²) @100/d | _////////////////////////////////////// | | | | | | |
| C1350 C1360 | (GFC Lob) - Ceiling - FRR false ceiling (102m ²) @75m/d (GFC Lob) - Ceiling - Air Grill | _{///////////////////////////////////// | | | | | | |
| C1370 | (GFC Lob) - Wall -Skirting | | | | | | | |
| C1380 | (GFC Lob) - MEP - Final fix at ceiling/walls (GFC Lob) - MEP - Final fix at ceiling/walls (GFC Lob) - MEP - Final fix at ceiling/walls (GFC Lob) - MEP - Final fix at ceiling/walls | | | | | | | |
| C1190 | (GFC PWC) - Ceiling - hangers (101m) @15/d | | | | | | | |
| C1200 | (GFC PWC) - Floor - Tile (109m ³) @100/d | | | | | | | |
| C1210 C1220 | (GFC PWC) - Furniture/Joinary (GFC PWC) - Ceiling - false ceiling (101m ²) @75/d | _{///////////////////////////////////// | | | | | | |
| C1230 | (GFC PWC) - Wall -Skirting | _////////////////////////////////////// | | | | | !:! | |
| C1240 | (GFC PWC) - Alum. Wall panel | | | • | | | | |
| C1250 C1260 | (GFC PWC) - MEP Install Final fittings/cable laying (GFC PWC) - Door - Perm. Door & Ironmongary (2 No) @8/d | | | | | | | |
| C1270 | (GFC PWC) - Toilet Cubide | _////////////////////////////////////// | | | | | !:! | |
| | 1 x Male and 1 x Female) | | | | | | | |
| C8120 C8170 | (GFC SWC) - Ceiling - hangers (17.6m) @15/d (GFC SWC) - Floor - Tile (109m²) @100/d | _(///////////////////////////////////// | | | | | | |
| C8190 | (GFC SWC) - Alum. Wall panel | | | | | | | |
| C8200 | (GFC SWC) - Wall -Skirting | | | | | | | |
| C8210 C8220 | (GFC SWC) - Ceiling - false ceiling (17.62m ²) @75/d (GFC SWC) - Furniture/Joinary | _(///////////////////////////////////// | | | | | | |
| C8230 | (GFC SWC) - Door - Perm. Door & Ironmongary (2 No) @8/d | _\///////////////////////////////////// | /////////////////////////////////////// | | | | | |
| C8240 | (GFC SWC) - Toilet Cubide | | | | | | | |
| C8250 | (GFC SWC) - MEP Install Final fittings/cable laying | | | | | | | |
| Staircases C1430 | (GFC Stair) - Wall - paint | | | | | | | |
| C1450 | (GFC Stair) - MEP - Degree 2 | | | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | |
| C1460 | (GFC Stair) - Nosing Tile and Install Aluminium Extrusion | _\///////////////////////////////////// | /////////////////////////////////////// | | • | | /////////////////////////////////////// | |
| C1470 MEP Install | (GFC Stair) - MEP - Degree 3 | /////////////////////////////////// | | | - | | [[[[]]]]]] | [][[]]]]]] |
| C3980 | GFC - MEP small power + lighting wiring and AFA wiring | | | | | | []]]]%]///// | 0/////// |
| C4010 | GFC - MEP - final fix at Ceiling/walls | | | | | | | |
| C4030 | GFC - MEP - Install final fittings Toilets | | | - | | | | |
| C4060 | GFC - Stage 1 MEP T&C for FSD Inspection | | | | | | <u> </u> | |
| C4061 | GFC - FSD Inspection 1 : Basement including staircases to G/F | | | | | | | |
| C4090 | GFC - Stage 2 MEP T&C for final FSD inspection | | | | | | | ······································ |
| C4091 C4110 | GFC - PCB - FSD Inspection 4: Row 4 cabins (2nos) all floors GFC - Stage 3 MEP T&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) | _{///////////////////////////////////// | | | | | | |
| | or - Zone A (North) | | | | | | !! | |
| Critical Date | | -{///////////////////////////////////// | | | | | | |
| A13590 | GF Zone A - Target for BOH Fire Services Inspection | | | • | | | | |
| A23330 | GF Zone A - Target to complete all works to Degree 3 | | | | • | | | |
| Offices | | _////////////////////////////////////// | | | | | | |
| A11040 A11060 | (GFA Office) - Floor - Raised Floor support frame (176m ²) @45m/d (GFA Office) - Door - Perm Door & Ironmongary (32 No) @8/d | | | | | | | |
| A11070 | (GFA Office) - Floor Raised Floor Final (176m ²) @100/d | | | | | | | |
| A11080 | (GFA Office) - Ceiling - Al false celling (423m ²) @75m/d | | /////// | | | | | |
| A11400 A18170 | (GFA Office) - MEP - Final Fix at Ceiling/walls (GFA Office) - Floor Tiling (305m ²) @100/d | | ////// | | | | !!!! | [][][][]]] |
| A18180 | (GFA Office) - Epoxy Floor Coating (25m ²)@100/d | | | | | | | |
| Lobbys and | | | | | | | | |
| A11290 A11330 | (GFA Lob) - Floor - Screed (146m ²) @120m/d (GFA Lob) - Floor - Tile (158m ²) @100/d | — | | | | | | |
| A11350 | (GFA Lob) - Ceiling - FRR false ceiling (143m ²) @75m/d | -\///////////////////////////////////// | | | | | | |
| A11360 | (GFA Lob) - Ceiling - Air Grill | | | | | | | |
| A11370 A11380 | (GFA Lob) - Wall -Skirting (GFA Lob) - MEP - Final fix at ceiling/walls | <u> </u> | | | | | | |
| | s (1 x Male, 1 x Female and 2 x Disabled) | | | | | | | |
| A11160 | (GFA PWC) - Cement Sheet (Wal Panel) | | | • | | | | |
| A11170 A11180 | (GFA PWC) - Wall Stone | _(///////////////////////////////////// | | | | | | |
| A11180 A11190 | (GFA PWC) - Wall - Tile grout (GFA PWC) - Ceiling - hangers (104m) @15/d | | | | | | | /////////////////////////////////////// |
| A11200 | (GFA PWC) - Floor - Tile (149m ²) @100/d | | | _ | | | | |
| A11210 A11220 | (GFA PWC) - Furniture/Joinary (GFA PWC) - Ceiling - false ceiling (104m ²) @75/d | | ///////// | | | | | |
| A11220 | (GFA PWC) - Ceiling - Taise Ceiling (Town) @75/d | _////////////////////////////////////// | | | | | | |
| A11240 | (GFA PWC) - Alum. Wall panel | | //////////////////// | | | | | |
| A11250 A11260 | (GFA PWC) - MEP Install Final fittings/cable laying (GFA PWC) - Door - Perm. Door & Ironmongary (2 No) @8/d | | | | | | | |
| A11200 | (GFA PWC) - Toilet Cubicle | _////////////////////////////////////// | | | | | | |
| Staircases | | | | | | | | |
| A11450 | (GFA Stair) - MEP - Degree 2 | | | | | | | |
| A11460 A11470 | (GFA Stair) - Nosing Tile and Install Aluminium Extrusion (GFA Stair) - MEP - Degree 3 | _{///////////////////////////////////// | | | | | | |
| MEP Install | (| | | | | | | |
| A12860 | GFA - MEP small power + lighting wiring and AFA wiring | | | | | | !: | |
| A12890 | GFA - MEP - final fix at Ceiling/walls | | /////////////////////////////////////// | | | | | |
| A12910 | GFA - MEP - Instal final fittings Toilets &C of GF Zone A | ////////////////////////////////// | (////////////////////////////////////// | - | | | []]]]%[]]/]/] | ();/////// |
| A12940 | GFA - Stage 1 MEP T&C for FSD Inspection | -////////////////////////////////////// | /////////////////////////////////////// | | | <u> </u> | | /////////////////////////////////////// |
| A12941 | GFA - FSD Inspection 1 : Basement including staircases to G/F | <u> </u> | /////////////////////////////////////// | | | | []]]]]][][][]] | |
| A12970 A12971 | GFA - Stage 2 MEP T&C for final FSD inspection | _ ////////////////////////////////////</th <th>(//////////////////////////////////////</th> <th></th> <th></th> <th></th> <th>[]]]][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]</th> <th>7.7777777</th> | (////////////////////////////////////// | | | | []]]][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | 7.7777777 |
| A12971 A12990 | GFA - PCB - FSD Inspection 4: Row 4 cabins (2nos) all floors GFA - Stage 3 MEP T&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) | _\///////////////////////////////////// | /////////////////////////////////////// | | | | [] [[[[]]]]] | } |
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| | ctual Work | | Three M | /Ionth Rolling | Programme | ⊣ ڊ | | 1.0110 |
| R | emaining Work | | | - | - | | | |
| C | ritical Remaining Work | | HKMZB H | KBCF - Passenger | Clearance Buildin | a | | |
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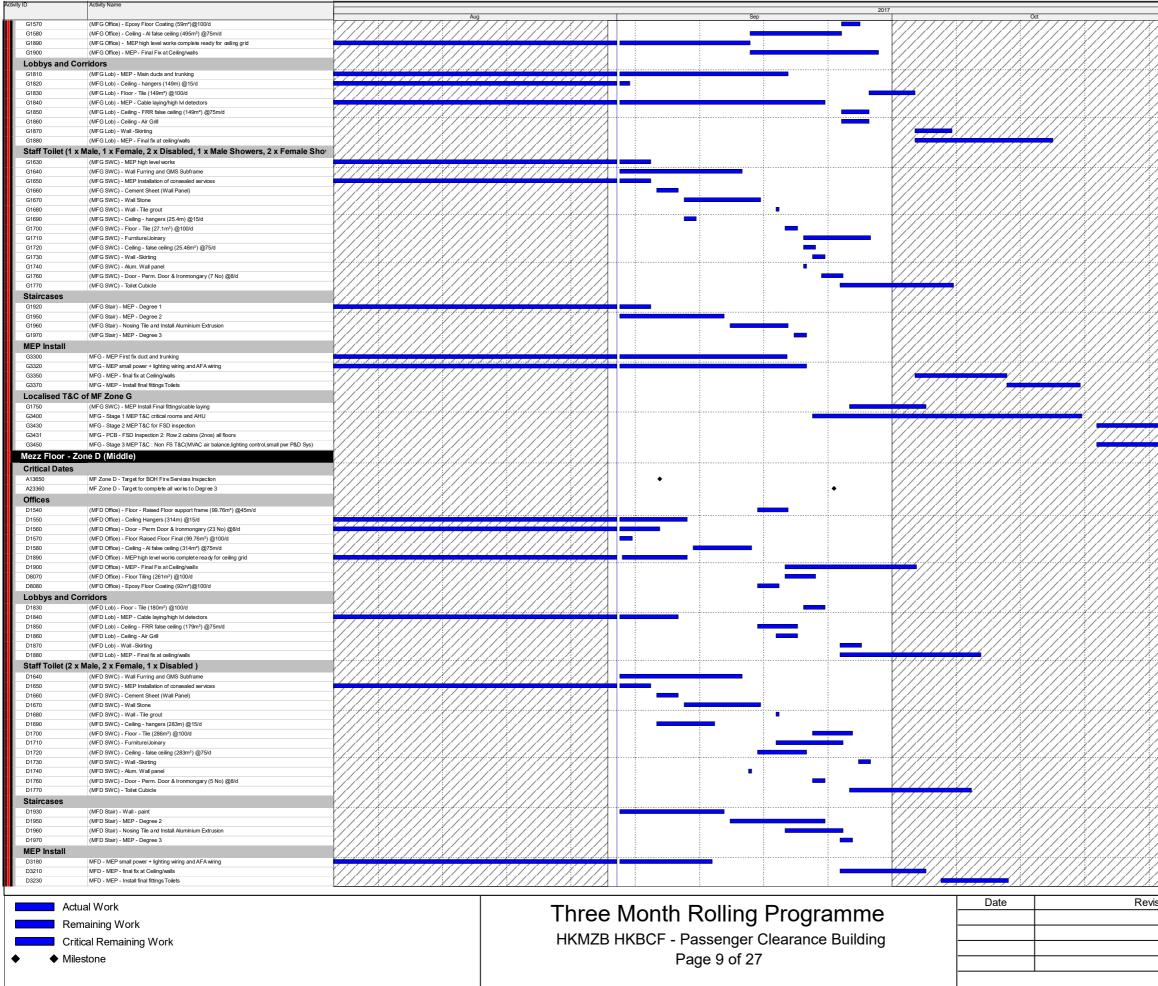


| wity ID | Activity Name | | | | | | |
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| , | | Αια | | Seo | 2 | 2017 | Oct |
| Ground Flo | por - Front of House | /////////////////////////////////////// | | | | | 7/://////////////////////////////////// |
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| Critical Date A13760 | GF Zone H - FOH Fire Services Inspection | \////!!! | | | • | | |
| A13810 | GF South - Access for Field Equipment Installation | /////////////////////////////////////</th <th></th> <th>•</th> <th></th> <th></th> <th>'/ '////////////////////////////////</th> | | • | | | '/ '//////////////////////////////// |
| Installation | | | | | | | /////////////////////////////////////// |
| H1210 | (GF-FOH-S) - Smoke Curtain - South | | | | | | /:///////://///// |
| H1240 | (GF-FOH-S) - Ceiling Grid & fix false ceiling tile (stage 1) MEP tiles @200m/d | <pre></pre> | | | | | |
| H1250 | (GF-FOH-S) - Internal Glazing (Sinobest) -FoH | | | | | | <u> </u> |
| H1280 H1310 | (GF-FOH-S) - Kiosk_Booth_Binnades | | | : : | | <u></u> ///!:///// | <u> </u> |
| H1310 H13940 | (GF-FOH-S) - Floor Tiles (5000m ²) @ 290m/d (GF-FOH-S) - Install Signage and Related Armature | (////////////////////////////////////// | | | | | <u> </u> |
| Vertical Shu | | | | | | | <u> </u> |
| A19310 | (GF-FOH-S) - Vertical Shutters | | | | | | //://////////////////////////////////// |
| A19340 | (GF-FOH-S) - Control and Wiring | | | | | | |
| A19390 | (GF-FOH-S) - Self Test | | | • | | | '/`{///////`{////////////////////////// |
| Security Sh | | | | | | | /////////////////////////////////////// |
| H1260 | (GF-FOH-S) - Security Shutters | | | | | | |
| H1390 H1400 | (GF-FOH-S) - Control and Wiring (GF-FOH-S) - Self Test | (////////////////////////////////////// | | | | |]://////!:////// |
| Water Featu | | | | | | | /://////////////////////////////////// |
| | ire WX10/WN16 | | | | | | |
| WF1230 | (GF-FOH-S) - Water Feature Waterproofing - South (GL H-J) (600m ²) | /././././././././././././././././ | | | | ····· | ° |
| WF1260 | (GF-FOH-S) - Water Feature Tilling - South (GL H-J) (600m ²) | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | |
| WF1500 | (GF-FOH-S) - Construct Planters (X 3) | (////////////////////////////////////// | | | | | /////////////////////////////////////// |
| Water Featu | ire WX11/WN17 | | | | | | /://////////////////////////////////// |
| WF1410 | (GF-FOH-S) - Water Feature Waterproofing - South (GL H-J) (670m ²) | | | | | | |
| WF1420 | (GF-FOH-S) - Water Feature Tiling - South (GL H-J) (670m ²) | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th><u> </u></th> | | | | | <u> </u> |
| Water Featu WF1430 | IRE WX12/WN18 (GF-FOH-S) - Water Feature Waterproofing - South (GL H-J) (670m ²) | /////////////////////////////////////</th <th>7////////</th> <th></th> <th></th> <th>///////////////////////////////////</th> <th>///////////////////////////////////////</th> | 7//////// | | | /////////////////////////////////// | /////////////////////////////////////// |
| WF1430 WF1440 | (GF-FOH-S) - Water Feature Waterprooining - South (GL H-J) (670m ²) | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th>[];[][][]]]</th> | | | | | [];[][][]]] |
| | re WX13/WN19 | \////////////////////////////////////// | | | | | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| WF1450 | (GF-FOH-S) - Water Feature Waterproofing - South (GL H-J) (670m ²) | \ | | i | | ···· \ | |
| WF1460 | (GF-FOH-S) - Water Feature Tiling - South (GL H-J) (670m ²) | ////!!! | | | | | |
| | ire WX14/WN20 | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th><u> </u></th> | | | | | <u> </u> |
| WF1470 | (GF-FOH-S) - Water Feature Waterproofing - South (GL H-J) (600m ²) | (////////////////////////////////////// | | | | | /////////////////////////////////////// |
| WF1480 WF1490 | (GF-FOH-S) - Water Feature Tiling - South (GL H-J) (600m ²) (GF-FOH-S) - Construct Planters (X 3) | <.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f. | <i></i> | | | | fafafafafafafafafafafafa |
| Localised T | | | | | | | //://////////////////////////////////// |
| H1300 | (GF-FOH-S) - Stage 1 MEP T&C for FSD Inspection | ////!!! | | | | | |
| H1320 | (GF-FOH-S) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | | | | | | 7%///////////////////////////////////// |
| Middle Arriv | vals Hall | | | | | | /]://///////////////////////////////// |
| Critical Date | | | | | | ···· f-f-f-f-f-f-f-f-f-f-f-f-f-f- | |
| A13770 | GF Zone F - FOH Fire Services Inspection | /////////////////////////////////////// | | | • | | /:///////:////// |
| A13780 | GF Zone D - FOH Fire Services Inspection | ////!!! | | | • | | |
| A13830 | GF Middle - Access for Field Equipment Installation | ////////////////////////////////////</th <th></th> <th>•</th> <th></th> <th></th> <th></th> | | • | | | |
| Installation | | {////////////////////////////////////// | | | | | |
| East | | (////////////////////////////////////// | | | | | \$ |
| F5030 F5040 | (GF-FOH-ME) - Smoke Curtain - Middle East (GF-FOH-ME) - Ceiling Grid & fix false ceiling tile (stage 1) MEP tiles 950m/ @200m/d | /////////////////////////////////////// | | | | | /:///////:////// |
| F 5040 | (GF-FOH-ME) - Centing Ghi & lix taise centing the (stage 1) MEP tiles soom/ @200m/d (GF-FOH-ME) - Floor Tiles (1474m ²) @ 290m/d | | | | | | |
| H13950 | (GF-FOH-ME) - Install Signage and Related Armature | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | |
| West | | | | | | | /////////////////////////////////////// |
| D5030 | (GF-FOH-MW) - Smoke Curtain - Middle West | (////////////////////////////////////// | | | | | : : : |
| D5040 | (GF-FOH-MW) - Ceiling Grid & fix false ceiling tile (stage 1) MEP tiles 950m/d @200m/d | | | | | | /:///////://///// |
| D5080 | (GF-FOH-MW) - Floor Tiles (1474m ²) @ 290m/d | (| | | | | <u> </u> |
| Water Featu | (GF-F OH-MW) - Install Signage and Related Armature | | | | | | /////////////////////////////////////// |
| Gridline D-E | | | | | | | /////////////////////////////////////// |
| WF1250 | (GF-FOH-ME) - Water Feature Waterproofing - Middle (GL D-E) (2100m ²) | (////////////////////////////////////// | | | | | :/ / / / / !:/ / / / / / / |
| WF1290 | (GF-FOH-ME) - Water Feature Tiling - Middle (GL D-E) (2100m ²) | | | | | | |
| WF1310 | (GF-FOH-ME) - Water Feature Waterproofing - East (GL D-E) (1475m ²) | /////////////////////////////////////// | | | | | <u> </u> |
| WF1320 | (GF-FOH-ME) - Water Feature Tiling - East (GL D-E) (1475m ²) | <u> </u> | 1.///////// | | | <u></u> /// | /////////////////////////////////////// |
| WF1330 | (GF-FOH-ME) - Water Feature Waterproofing - West (GL D-E) (1475m ²) | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th></th> <th><u></u></th> | | | | | <u></u> |
| WF1340 Gridline F-G | (GF-FOH-ME) - Water Feature Tiling - West (GLD-E) (1475m ²) | /////////////////////////////////////// | | | | ///////////////////////////////// | ┮;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; |
| WF1240 | (GF-FOH-ME) - Water Feature Waterproofing - Middle (GL F-G) (2100m ²) | \////////////////////////////////////// | | | | | /:///////:///// |
| WF1280 | (GF-FOH-ME) - Water Feature Tiling - Middle (GL F-G) (2100m ²) | \ | | | | | ~_ <u>~_</u> |
| WF1350 | (GF-FOH-ME) - Water Feature Waterproofing - East (GL F-G) (1475m ²) | <u> </u> | 7:///////////// | - | | _////////////////////////////////////// | /////////////////////////////////////// |
| WF1360 | (GF-FOH-ME) - Water Feature Waterproofing - West (GL F-G) (1475m ²) | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th>///////////////////////////////////////</th> <th>[][][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]</th> | | | | /////////////////////////////////////// | [][][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| WF1370 WF1380 | (GF-FOH-ME) - Water Feature Tiling - East (GL F-G) (1475m ²) (GF-FOH-ME) - Water Feature Tiling - West (GL F-G) (1475m ²) | \////////////////////////////////////// | | | | | ////////////////////////////////////// |
| Localised T | | | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~ |
| D5070 | (GF-FOH-MW) - Stage 1 MEP T&C for FSD Inspection West | \////////////////////////////////////// | | | | | (/://////////////////////////////////// |
| D5090 | (GF-FOH-MW) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Contro | /////////////////////////////////////</th <th>7.////////</th> <th></th> <th></th> <th>///////////////////////////////////</th> <th> </th> | 7.//////// | | | /////////////////////////////////// | |
| F5070 | (GF-FOH-ME) - Stage 1 MEP T&C for FSD Inspection | /////////////////////////////////////</th <th>7////////////</th> <th></th> <th></th> <th>V/////////////////////////////////////</th> <th>[][[[[]]]]]</th> | 7//////////// | | | V///////////////////////////////////// | [][[[[]]]]] |
| F5090 | (GF-FOH-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | J. f. | | | | | l.,f.;f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f |
| North Arriva | | /////////////////////////////////////// | | | | | <u>] </u> |
| Critical Date | | /////////////////////////////////////// | | | | | []][[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| A13790 | GF Zone B - FOH Fire Services Inspection | /////////////////////////////////////</th <th></th> <th>_</th> <th>•</th> <th>///////////////////////////////////</th> <th> </th> | | _ | • | /////////////////////////////////// | |
| A13850 | GF North - Access for Field Equipment Installation | {////////////////////////////////////// | | • | | | |
| Installation | | | | | | <u> </u> | <u> </u> |
| B3020 B3040 | (GF-FOH-N) - Internal Glazing (Sinobest) - FoH (GF-FOH-N) - Smoke Curtain - North | /////////////////////////////////////// | | | | | |
| B3050 | (GF-FOH-N) - Ceiling Grid & fix false ceiling tile (stage 1) MEP tiles @200m/d | \////////////////////////////////////// | | | | | |
| B3090 | (GF-FOH-N) - Kiosk_Booth_Binnacle | | | | | | |
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| | Remaining Work | | | | | | |
| | Critical Remaining Work | | НКМ∠В НКВСР | - Passenger Cleara | ance Building | g | |
| | Ailestone | | | | | | |
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| B3100 (GF-FOH-N) - Stage 1 MEP T&C for FSD Inspection B3110 (GF-FOH-N) - Floor Tiles (5000m ⁻¹) @ 290mid B3120 (GF-FOH-N) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control H13970 (GF-FOH-N) - Install Signage and Related Armature Security Shutters B3060 (GF-FOH-N) - Security Shutters | |
|--|--|
| B3110 (GF-FOH-N) - Floor Tiles (5000r*) @ 290mld B3120 (GF-FOH-N) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control H13970 (GF-FOH-N) - Install Signage and Related Armature Security Shutters | |
| H13970 (GF-FOH-N) - Install Signage and Related Armature Security Shutters | |
| | |
| B3060 (GF-FOH-N) - Security Shutters | |
| | |
| B3190 (GF-FOH-N) - Control and Wiring B3220 (GF-FOH-N) - Self Test | |
| Vater Feature North | |
| Water Feature WX1/WN1 | |
| WF1270 (GF-FOH-N) - Water Feature Waterproofing - North (GL B-C) (600m ²) WF1300 (GF-FOH-N) - Water Feature Tilling - North (GL B-C) (600m ²) | |
| WF1300 (GF-FOH-N) - Water Feature Tiling - North (GL B-C) (600m ²) Water Feature WX2/WN2 | |
| WF1510 (JCF-FOH-N) - Water Feature Waterproofing - North (GL B-C) (670m ²) | |
| WF1520 (GF-FOH-N) - Water Feature Tiling - North (GL B-C) (670m ²) | |
| Water Feature WX3WN3 WF1530 (GF-FOH-N) - Water Feature Waterproofing - North (GL B-C) (670m ²) | |
| WF1530 (GF-FOH-N) - Water Feature Waterproofing - North (GL B-C) (670m ²) WF1540 (GF-FOH-N) - Water Feature Tiling - North (GL B-C) (670m ²) | |
| Water Feature WX4/WN4 | |
| WF1550 (GF-FOH-N) - Water Feature Waterproofing - North (GL B-C) (670m ²) | |
| WF1560 (GF-FOH-N) - Water Feature Tiling - North (GL B-C) (670m ²) Water Feature WX5/WN5 | |
| WHIST (GF-FVOL) - Water Feature Waterproofing - North (GL B-C) (600m ²) | |
| WF1580 (GF-FCH-N) - Water Feature Tiling - North (GL B-C) (600m ²) | |
| .ocalised T&C | |
| 31055 (GF-FOH-N) - Stage 1 MEP T&C for FSD Inspection 31091 (GF-FOH-N) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas: VAC+Smoke Control | |
| ezzanine Floor | |
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| ezz Floor - Zone J (South) | |
| Critical Dates A13620 MF Zone J - Target for BDH Fire Services Inspection | |
| 132340 Im Zulie 3 - alge to born re-services rejection | ▲ \//////////////////////////////////// |
| Offices | |
| J1540 (MFJ Office) - Floor - Tiling (31m?) @100/d | |
| Int60 (MF J Office) - Door - Perm Door & Ironmongary (19 No) @8/d 1/1570 (MF J Office) - Floor Epoxy Coating (33m²)@100/d | |
| 1981 (MFG Grine) - Gaine A false celling (497) @75m/d | _ |
| 1900 (MFJ Office) - MEP - Final Fix at Ceiling/walls | |
| Lobbys and Corridors | |
| Initial (MFJ Lob) - MEP - Main ducts and trunking J1820 (MFJ Lob) - Ceiling - hangers (146m) @15d | ┉┉┊┉┉┉┉┉┊┉┉┉┉┉┉┊┉┉┉┉┉┥┥┥┥┥┥┊┥┥┥┥┊╴ |
| 1/1300 (MF JLD) - Floor - The (146m*)@100d | ■ <i>\////////////////////////////////////</i> |
| J1840 (MFJ Lob) - MEP - Cable laying/high lvl detectors | |
| J1850 (MFJ Lob) - Ceiling - FRR false ceiling (146m²)@75m/d J1860 (MFJ Lob) - Ceiling - Air Grill | |
| 1600 (WFJ L00) - Ceiling - All Chill 11870 (MFJ L0b) - Wall-Skirting | |
| J1880 (MFJ Lob) - MEP - Final fix at ceiling/walls | |
| Staff Toilet (1 x Male, 1 x Female, 1 x Disabled) | |
| 1/1630 (MFJ SWC) - MEP high level works 1/1640 (MFJ SWC) - Wall Furring and GMS Subframe | |
| J1650 (MFJ SWC) - MEP Installation of consealed services | |
| J1660 (MF J SWC) - Cement Sheet (Wall Panel) | = <u> </u> |
| Info (MFJ SWC) - Wall Stone J1680 (MFJ SWC) - Wall - The grout | |
| J1690 (MF J SWC) - Ceiling - hangers (40.6m) @15/d | |
| 11700 (MF J SWC) - Floor - Tile (43m²) @100/d | |
| J1710 (MF J SWC) - Furniture/Joinary J1720 (MF J SWC) - Ceiling - false ceiling (40.62m²) @75/d | ▝▃▏ |
| 11/20 (MFJ SWC) - Ceiling - raise ceiling (40.62m*) (g/r5/d 11730 (MFJ SWC) - Wall - Skirting | |
| J1740 (MF J SWC) - Akum. Wali panel | • |
| J1750 (MFJ SWC) - MEP Install Final fittings/cable laying J1770 (MFJ SWC) - Toilet Cubicle | |
| HY170 (MF-J SWC) - Toilet Cubicle | |
| 1/950 (MFJ Stair) - MEP - Degree 2 | |
| J1960 (MF J Stair) - Nosing Tile and Install Aluminium Extrusion | ■ |
| J1970 (MFJ Stair) - MEP - Degree 3 | |
| 2960 MEJ- MEP Einst für durct and trunking | |
| WEP Fissi in doc and thinking Provide and thinking J2980 MFJ- MEP small power + lighting wiring and AFA wiring | <u>─</u> |
| J3010 MF J - MEP - final fix at Ceiling/walls | |
| J3030 MFJ-MEP-Install final fittings Toilets Ocalised T&C of MF Zone J | |
| J3060 MFJ - Stage 1 MEP T&C critical rooms and AHU | |
| 3090 MFJ - Stage 2 MEP T&C for FSD inspection | |
| 13091 MFJ - PCB - FSD Inspection 2: Row 2 cabins (2nos) all floors | |
| I3110 MFJ - Stage 3 MEP T&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) I3120 MFJ - Stage 4 MEP T&C : SCADA fine tuning | |
| lezz Floor - Zone G (South) | |
| ritical Dates | |
| 13640 MF Zone G - Target for BOH Fire Services Inspection | |
| A23350 MF Zone G - Target to complete all works to Degree 3 | • • • • • • • • • • • • • • • • • • • |
| Offices | |
| G1540 (MFG Office) - Floor - Tiles (507m²) @100/d G1550 (MFG Office) - Ceiling Hangers (495m) @15/d | |
| G1560 (MFG Office) - Ceiling Hangers (496m) @150 G1560 (MFG Office) - Door - Perm Door & Ironmongary (17 No) @8/d | |
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| Actual Work Three Month | Rolling Programme |
| Remaining Work | |
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| Critical Remaining Work HKMZB HKBCF - F | |
| Critical Remaining Work HKMZB HKBCF - F | Passenger Clearance Building Page 8 of 27 |

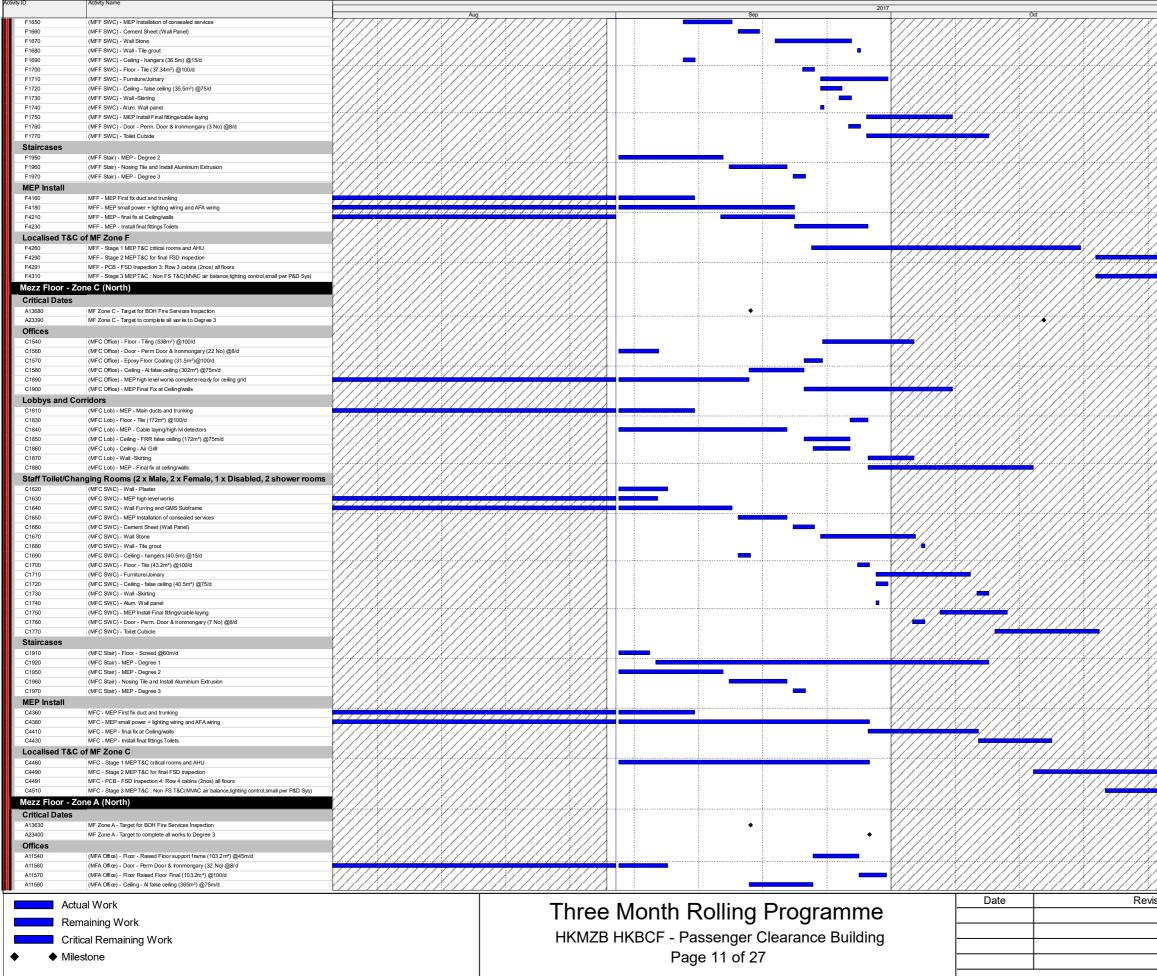
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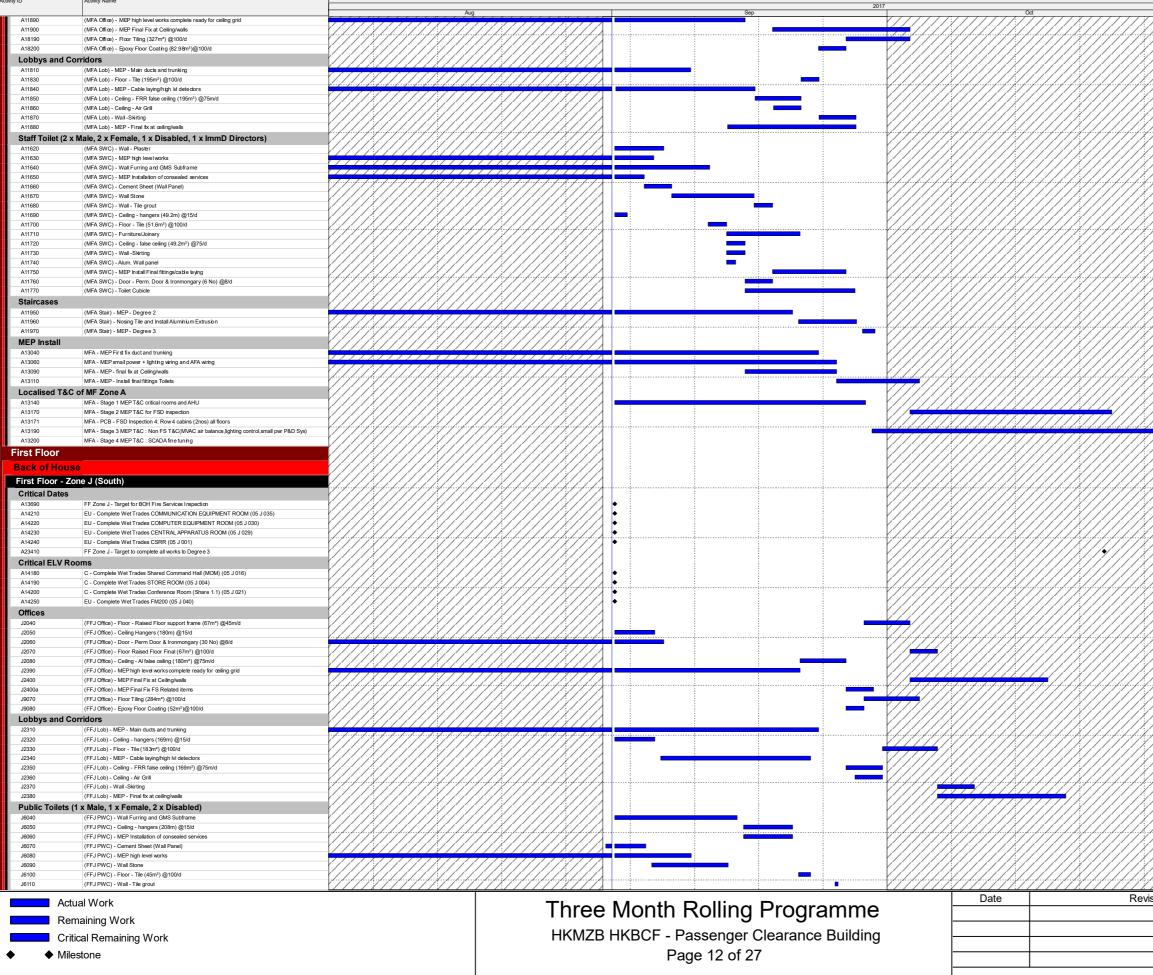
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| Localised T& D1750 | &C of MF Zone D (MFD SWC) - MEP Install Final fittings/cable laying | | | | | | | | /////// | |
| D3260 | MFD - Stage 1 MEP T&C critical rooms and AHU | | | | | | | ffffffffff. | fffffff. | -//// |
| D3290 | MFD - Stage 2 MEP T&C for final FSD inspection | V///////////////////////////////////// | | | | | | /////////////////////////////////////// | ////// | // |
| D3291 D3310 | MFD - PCB - FSD Inspection 3: Row 3 cabins (2nos) all floors MFD - Stage 3 MEP T&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) | ×///////////////////////////////////// | | | | | | /////////////////////////////////////// | /////// | |
| | Zone E (Middle) | | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | | | ////// | [[[]]] |
| Critical Dates | | | | | | | | | /////////////////////////////////////// | |
| A13660 | MF Zone E - Target for BOH Fire Services Inspection | | /////////////////////////////////////// | • | | | | | [[[]]] | |
| A23370 | MF Zone E - Target to complete al works to Degree 3 | | ////////////////////////////////////// | | | | | '////////////////////////////////////// | ////// | ! |
| Critical ELV I A14040 | EU - Complete Wet Trades FM200 Room (04 E 003) | | | 1 | | • | | | | |
| Offices | | | /////////////////////////////////////// | | | • | | | | ///// |
| E1540 | (MFE Office) - Floor - Raised Floor support frame (637m ²) @45m/d | | /////////////////////////////////////// | | | | | <u> </u> | ////// | !!. , |
| E1550 E1560 | (MFE Office) - Ceiling Hangers (838m) @15/d | | | | | | \/////// | /////////////////////////////////////// | ///:/// | ////// |
| E1500 | (MFE Office) - Door - Perm Door & Ironmongary (39 No) @8/d (MFE Office) - Floor Raised Floor Final (637m ²) @100/d | | /////////////////////////////////////// | | | | | | | |
| E1580 | (MFE Office) - Ceiling - Al false ceiling (838m ²) @75m/d | | | | | | | /////////////////////////////////////// | /////////////////////////////////////// | ///// |
| E1890 E1900 | (MFE Office) - MEP high level works complete ready for ceiling grid | | /////////////////////////////////////// | | - | _ | | <u> </u> | [] | |
| E1900a | (MFE Office) - MEP - Final Fix at Ceiling/walls (MFE Office) - MEP Final Fix FS Related items | <u> </u> | /////////////////////////////////////// | | | | | <u> </u> | []]]]] | |
| E8240 | (MFE Office) - Floor Tiling (210m ²) @100/d | | /////////////////////////////////////// | | | | | /////////////////////////////////////// | | |
| E8250 | (MFE Office) - Epoxy Floor Coating (34.5m ²)@100/d | | /////////////////////////////////////// | | | : | | /////////////////////////////////////// | !! | |
| Lobbys and E1810 | (MFE Lob) - MEP - Main ducts and trunking | <u> </u> | | | | | | (////////////////////////////////////// | []][]] | |
| E1830 | (MFE Lob) - Floor - Tie (264m ²) @100/d | | | 1 | | | | /////////////////////////////////////// | /////// | !:/ |
| E1840 | (MFE Lob) - MEP - Cable laying/high M detectors | | / / / / / / / / / / / / / / / / / / / | 4 · · · · · · · · · · · · · · · · · · · | | | | | | |
| E1850 E1860 | (MFE Lob) - Ceiling - FRR false ceiling (264m ²) @75m/d (MFE Lob) - Ceiling - Air Grill | | /////////////////////////////////////// | | | | | (////////////////////////////////////// | []]].[]]. | |
| E1870 | (MFE Lob) - Wall -Skirting | | | | | | | '////////////////////////////////////// | ////// | !:/ |
| E1880 | (MFE Lob) - MEP - Final fix at ceiling/walls | | /////////////////////////////////////// | | | | | / ½/// | ///!/// | ////// |
| | 3 x Male, 3 x Female, 1 x Disabled, 2 x Male Showers, 2 x Female Sho | | | | | | | | | |
| E1620 E1630 | (MFE SWC) - Wall - Plaster (MFE SWC) - MEP high level works | | | | | | | /////////////////////////////////////// | ///!/// | !; |
| E1640 | (MFE SWC) - Wall Furring and GMS Subframe | | /////////////////////////////////////// | | | | \/////// | | | ////// |
| E1650 | (MFE SWC) - MEP Installation of consealed services | | | | _ | — | | (////////////////////////////////////// | [[[]]]] | |
| E1660 E1670 | (MFE SWC) - Cement Sheet (Wall Panel) (MFE SWC) - Wall Stone | | | 4 | | | | `.//////// | | <u> </u> |
| E1680 | (MFE SWC) - Wall - Tile grout | | | | | | \/////// | /////////////////////////////////////// | ///:/// | ////// |
| E1690 | (MFE SWC) - Ceiling - hangers (697m) @15/d | | | | | | | (////////////////////////////////////// | []][]]] | |
| E1700 E1710 | (MFE SWC) - Floor - Tile (702m²) @100/d (MFE SWC) - Furniture/Joinary | | | | | | <u> </u> | /////////////////////////////////////// | ////// | ////// |
| E1720 | (MFE SWC) - Ceiling - false ceiling (697m ²) @75/d | | | 1 | | | | //////// | | |
| E1730 E1740 | (MFE SWC) - Wall -Skirting | | /////////////////////////////////////// | | | | | | ///// | [[[]]] |
| E1740 E1750 | (MFE SWC) - Alum. Wall panel (MFE SWC) - MEP Install Final fittings/cable laying | -\///////////////////////////////////// | /////////////////////////////////////// | | | • | {///////// | | ////// | !:/ |
| E1760 | (MFE SWC) - Door - Perm. Door & Ironmongary (11 No) @8/d | | | 1 | | | | | | |
| E1770 | (MFE SWC) - Toilet Cubide | | | | | | /////////////////////////////////////// | | []][]] | |
| Staircases | | | | | | | | /////////////////////////////////////// | ////// | ////// |
| E1930 E1950 | (MFE Stair) - Wall - paint (MFE Stair) - MEP - Degree 2 | | | | | | | [[[[]]]] | /////// | |
| E1960 | (MFE Stair) - Nosing Tile and Install Aluminium Extrusion | | | | | | | | | |
| E1970 | (MFE Stair) - MEP - Degree 3 | | | | | | | /////////////////////////////////////// | /////// | |
| MEP Install E4160 | MFE - MEP First fix duct and trunking | | | 1 | - | | | /////////////////////////////////////// | ///!/// | ////// |
| E4180 | MFE - MEP small power + lighting wiring and AFA wiring | | | | | | | [[[[[]]]]] | ////// | |
| E4210 | MFE - MEP - final fix at Ceiling/walls | | | <u>]</u> | | | V / / / / / / / / | | | |
| E4230 | MFE - MEP - Install final fittings Toilets &C of MF Zone E | | /////////////////////////////////////// | | | | | <u>/////://</u> // | [[[]]] | |
| E4260 | MFE - Stage 1 MEP T&C critical rooms and AHU | | | | _ | | | | | ////// |
| E4290 | MFE - Stage 2 MEP T&C for final FSD inspection | | | 1 | | | | | | |
| E4291 E4310 | MFE - PCB - FSD Inspection 3: Row 3 cabins (2nos) all floors | | | , | | | X///////// | [| [<u> </u> | |
| | MFE - Stage 3 MEP T&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) Zone F (Middle) | | ////////////////////////////////////// | | | | | '////////////////////////////////////// | /////////////////////////////////////// | ///!// |
| Critical Dates | | | /////////////////////////////////////// | 1 | | | | | | |
| A13670 | MF Zone F - Target for BOH Fire Services Inspection | ////////////////////////////////////</th <th>///////////////////////////////////////</th> <th>•</th> <th></th> <th></th> <th></th> <th></th> <th>[[]][]]</th> <th></th> | /////////////////////////////////////// | • | | | | | [[]][]] | |
| A23380 | MF Zone F - Target to complete all works to Degree 3 | | | | | • | | /////////////////////////////////////// | ////// | |
| Critical ELV | | | | 1 | | | | | | |
| A14070 | C - Complete Wet Trades Meeting Room (04 F 015) | | /////////////////////////////////////// | | • | | | | [[[]]] | |
| Offices F1540 | (MFF Office) - Floor - Tiling (577m ²) @100/d | | [] | | | | <u> </u> | [[[[[]]]]] | ////// | |
| F1550 | (MFF Office) - Ceiling Hangers (505m) @15/d | | | 1 | | | V////// | | | |
| F1560 | (MFF Office) - Door - Perm Door & Ironmongary (28 No) @8/d | | | 1 ; | | | | | ////// | ///// |
| F1570 F1580 | (MFF Office) - Epoxy Floor Coating (35.5m ²)@100/d (MFF Office) - Ceiling - Al false ceiling (505m ²) @75m/d | | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | | [[[[[]]]]] | ////// | |
| F1890 | (MFF Office) - MEP high level works complete ready for ceiling grid | | | | | _ | | | | ////// |
| F1900 | (MFF Office) - MEP Final Fix at Ceiling/walls | | |] | | | | | | |
| Lobbys and | | | | | | | | [[[[]]]]] | ////// | [[[]]] |
| F1810 F1830 | (MFF Lob) - MEP - Main ducts and trunking (MFF Lob) - Floor - Tile (168.2m ²) @100/d | | // //////////////////////////////////// | 1 | | _ | | | /////// | ////// |
| F1840 | (MFF Lob) - MEP - Cable laying/high NI detectors | | | | | _ | | /////////////////////////////////////// | | |
| F1850 | (MFF Lob) - Ceiling - FRR false ceiling (168m ²) @75m/d | \ | | <u> </u> | | | | <u></u> | | [.].].].,[.,].,[., |
| F1860 F1870 | (MFF Lob) - Ceiling - Air Grill (MFF Lob) - Wall -Skirting | X///X/////X//// | ! | 1 | | | | | /////// | [[[]]]] |
| F1880 | (MFF LOD) - Wan - Ski ling (MFF Lob) - MEP - Final fix at ceiling/walls | X///////////////////////////////////// | | | | | | | [[[]]]]] | ///// |
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| F1640 | (MFF SWC) - Wall Furring and GMS Subframe | | | | | | <u> </u> | <u>/////////////////////////////////////</u> | ////// | |
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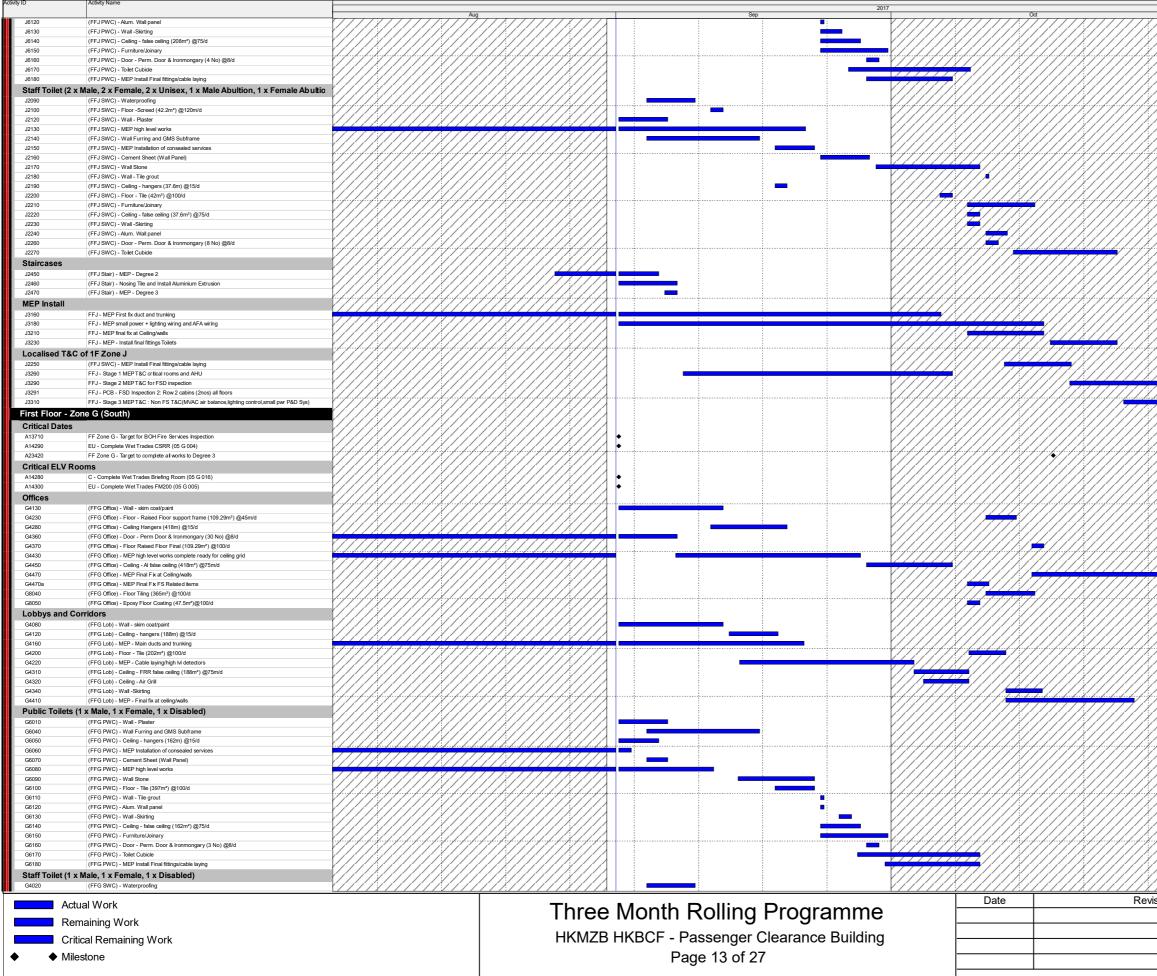
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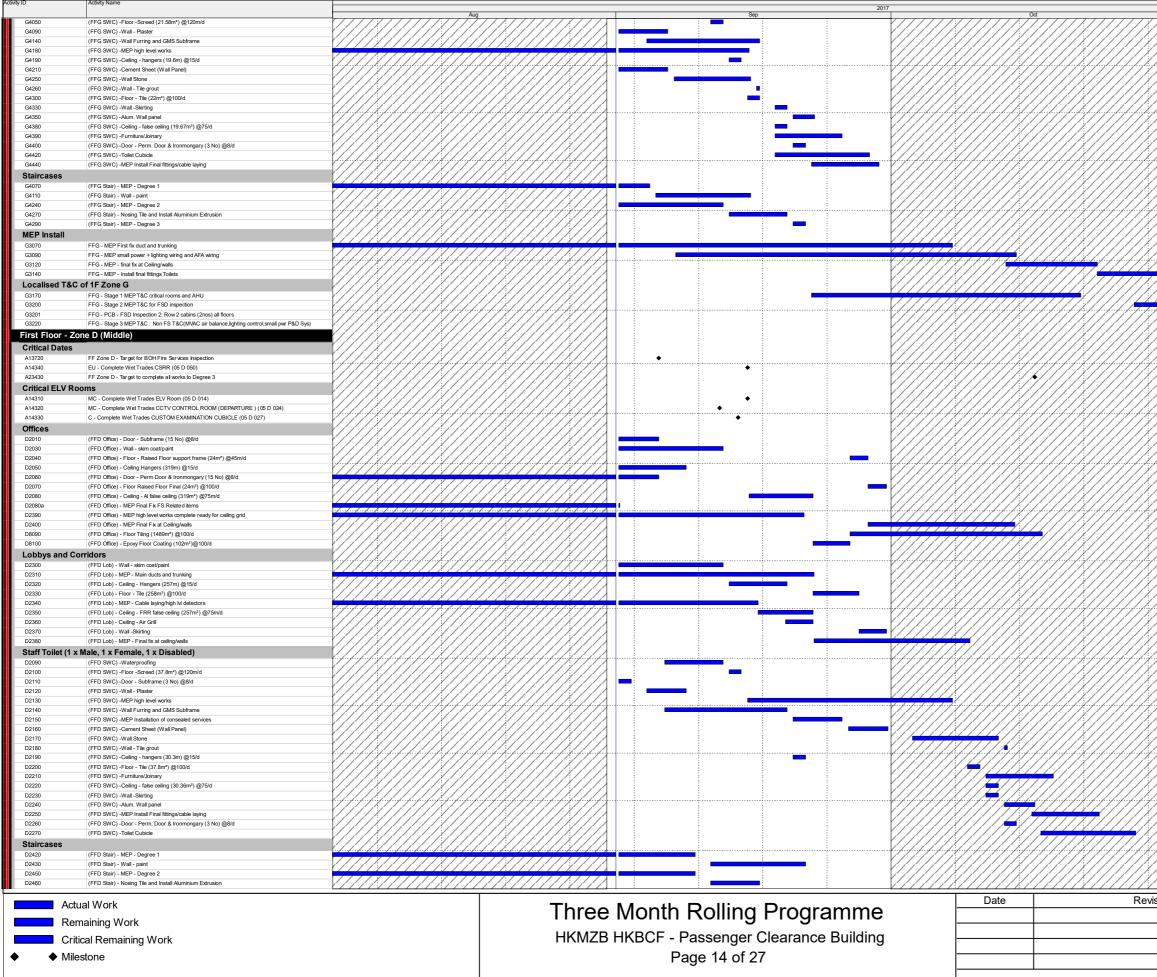
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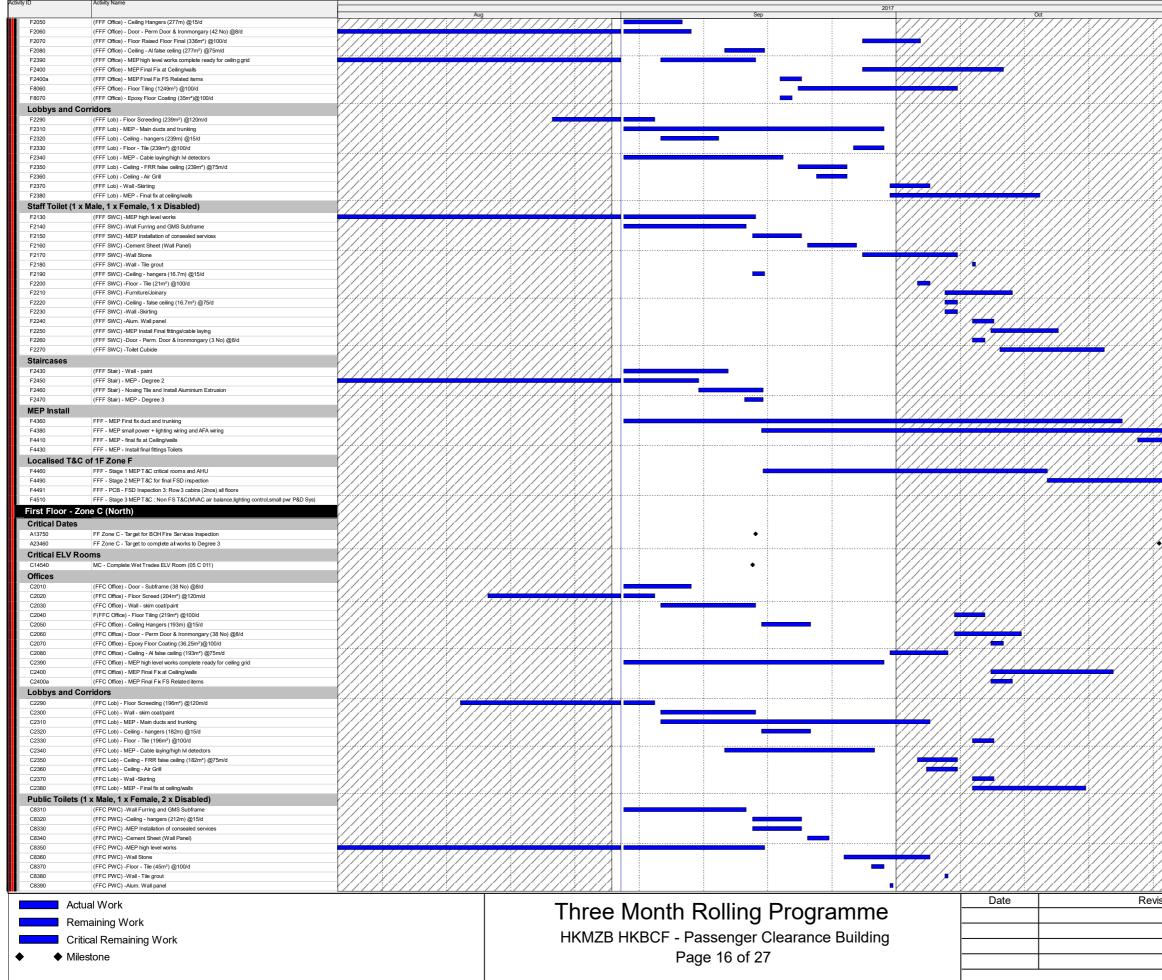


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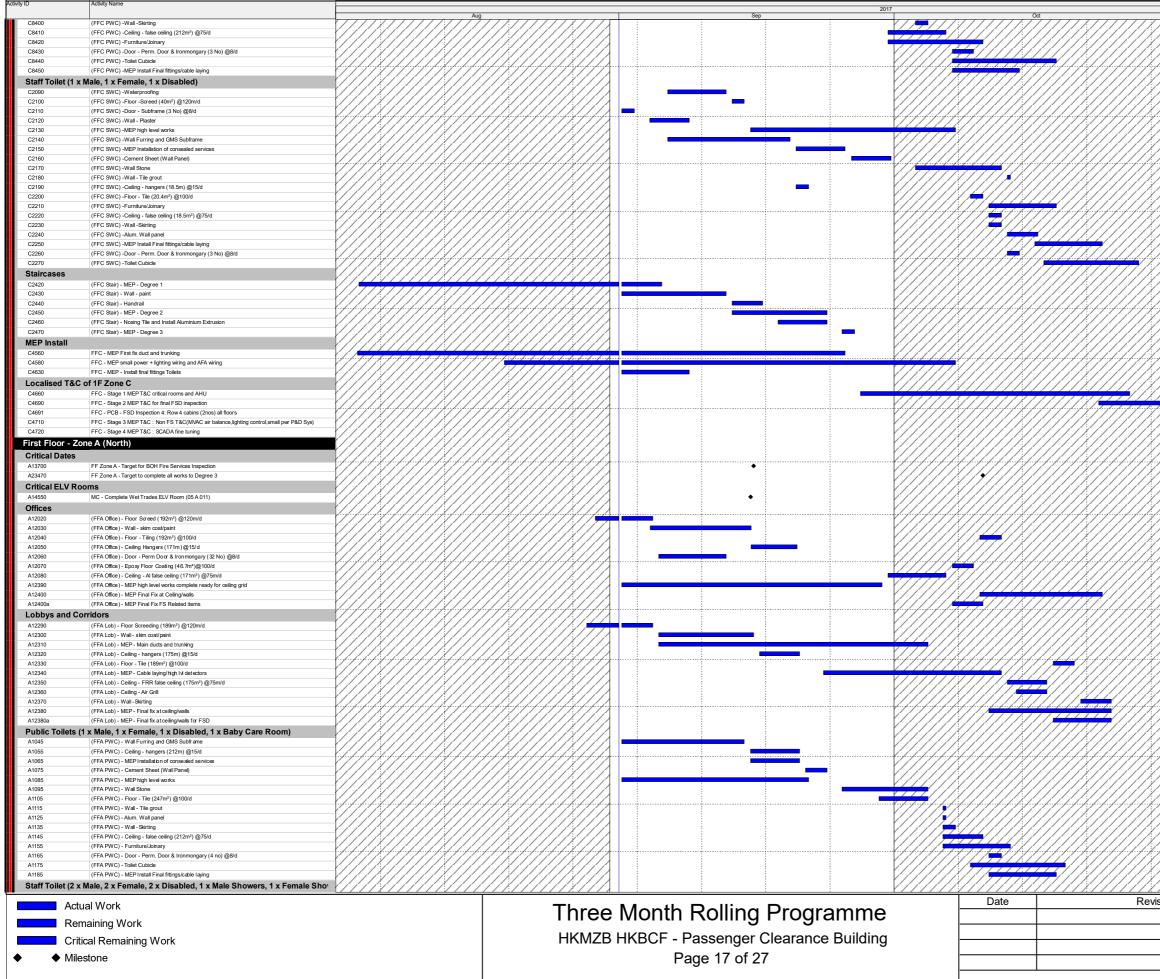


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| D2470 | (FFD Stair) - MEP - Degree 3 | Aug | /////////////////////////////////////// | Sep | | Oct | | Nov | |
| MEP Install | | | | | | /////////////////////////////////////// | | | |
| D3360 | FFD - MEP First fix duct and trunking | \///////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| D3380 D3410 | FFD - MEP small power + lighting wiring and AFA wiring FFD - MEP - final fix at Ceiling/walls | <i>\////////////////////////////////////</i> | | | | | | | |
| D3430 | FFD - MEP - Install final fittings Toilets | | [[[]]] | | | | | | |
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| D3460 D3490 | FFD - Stage 1 MEP T&C critical rooms and AHU FFD - Stage 2 MEP T&C for final FSD inspection | {////////////////////////////////////// | | _ | | /////:///////////////////////////////// | | | |
| D3491 | FFD - PCB - FSD Inspection 3: Row 3 cabins (2nos) all floors | <u> </u> | /////////////////////////////////////// | | | /////////////////////////////////////// | | · · · · · | |
| D3510 | FFD - Stage 3 MEP T&C : Non FS T&C(MVAC air balance, lighting control, small pwr P&D Sys) | | | | /_/ | | | · · · · · · · · · · · · · · · · · · · | · ······ |
| First Floor - Zon | ne E (Middle) | (////////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| Critical Dates | | V///////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| A13730 A14360 | FF Zone E - Target for BOH Fire Services Inspection EU - Complete Wet Trades Main Server Room (05 E 025) | ////////////////////////////////////</th <th>///////////////////////////////////////</th> <th>•</th> <th></th> <th>///////////////////////////////////////</th> <th></th> <th></th> <th></th> | /////////////////////////////////////// | • | | /////////////////////////////////////// | | | |
| A14420 | EU - Complete Wet Trades UPS Room For Server Room (05 E 024) | | $/////// \bullet$ | | | | | | |
| A22047 A22057 | EU - Complete Wet Trades NER Room (05 E 044) EU - Complete Wet Trades CCTV Control Room (05 E 033) | \///////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| A23440 | FF Zone E - Target to complete all works to Degree 3 | {////////////////////////////////////// | | | | | | | |
| Critical ELV Roo | ms | | | | | /////////////////////////////////////// | | | |
| A14370 | C - Complete Wet Trades Meeting Room (05 E 055) | | | • | | | | | |
| Offices E2040 | (FFE Office) - Floor - Raised Floor support frame (635m ²) @45m/d | /////////////////////////////////////</th <th></th> <th></th> <th></th> <th><u> </u></th> <th></th> <th></th> <th></th> | | | | <u> </u> | | | |
| E2050 | (FFE Office) - Ceiling Hangers (1125m) @15/d | \///////////////////////////////////// | ///////////////////// | | | /////////////////////////////////////// | 7//////////// | | |
| E2060 | (FFE Office) - Door - Perm Door & Ironmongary (73 No) @8/d | | | | | ////////////////////////////////////// | | | |
| E2070 E2080 | (FFE Office) - Floor Raised Floor Final (635m ²) @100/d (FFE Office) - Ceiling - Al false ceiling (1125m ²) @75m/d | | /_/_/_/_/_/_/_/_/_/_/_/_/ | | | | | | |
| E2390 | (FFE Office) - MEP high level works complete ready for ceiling grid | \///////////////////////////////////// | | | | ///メ/////////// | | | |
| E2400 E2400a | (FFE Office) - MEP Final Fix at Ceiling/walls (FFE Office) - MEP Final Fix FS Related items | {////////////////////////////////////// | | | | ////////////////////////////////////// | | | |
| E8260 | (FFE Office) - Floor Tiling (1342m ²) @100/d | \///////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| E8270 | (FFE Office) - Epoxy Floor Coating (56m ²)@100/d | \////////////////////////////////////// | | | // | ///// // //// | | | |
| Lobbys and Cor | | | | | | /////////////////////////////////////// | | | |
| E2290 E2310 | (FFE Lob) - Floor Screeding (409m ²) @120m/d (FFE Lob) - MEP - Main ducts and trunking | | | | | | | | |
| E2320 | (FFE Lob) - Ceiling - hangers (410m) @15/d | ////////////////////////////////////</th <th>///////////////////////////////////////</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | /////////////////////////////////////// | | | | | | |
| E2330 E2340 | (FFE Lob) - Floor - Tile (410m²) @100/d (FFE Lob) - MEP - Cable laying/high Ivl detectors | | /////////////////////////////////////// | | | <u> </u> | 7 / / / / / / / / / / / / / / / / / / | | |
| E2350 | (FFE Lob) - Ceiling - FRR false ceiling (410m ²) @75m/d | \///////////////////////////////////// | | | | <u></u> | | | |
| E2360 | (FFE Lob) - Ceiling - Air Grill | ////////////////////////////////////</th <th></th> <th></th> <th></th> <th>/////////////////</th> <th></th> <th></th> <th></th> | | | | //////// /// ////// | | | |
| E2370 E2380 | (FFE Lob) - Wall -Skirting (FFE Lob) - MEP - Final fix at ceiling/walls | <u></u> | ////////// | | ······································ | | | | |
| | Male, 1 x Female, 3 x Disabled) | \///////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| E2090 | (FFE SWC) -Waterproofing | <u> </u> | | | | /////////////////////////////////////// | | | |
| E2100 E2120 | (FFE SWC) -Floor -Screed (59.7m ²) @120m/d (FFE SWC) -Wall - Plaster | \///////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| E2120 | (FFE SWC) - MEP high level works | | | | | | | | |
| E2140 | (FFE SWC) -Wall Furring and GMS Subframe | | | | | | | | |
| E2150 E2160 | (FFE SWC) -MEP Installation of consealed services (FFE SWC) -Cement Sheet (Wall Panel) | \///////////////////////////////////// | | | | /////٪///////////////////////////////// | | | |
| E2170 | (FFE SWC) -Wall Stone | <i>\////////////////////////////////////</i> | | | | | | | |
| E2180 | (FFE SWC) -Wall - Tile grout | \////////////////////////////////////// | /////////////////////////////////////// | _ | | ////////////////////////////////////// | /////////////////////////////////////// | | |
| E2190 E2200 | (FFE SWC) - Ceiling - hangers (42m) @15/d (FFE SWC) - Floor - Tile (60m ²) @100/d | ////////////////////////////////////</th <th></th> <th>-</th> <th></th> <th>///////////////////////////////////////</th> <th></th> <th></th> <th></th> | | - | | /////////////////////////////////////// | | | |
| E2210 | (FFE SWC) -Furniture/Joinary | <u> </u> | | | | ////////////////////////////////////// | | | |
| E2220 E2230 | (FFE SWC) - Ceiling - false ceiling (42m²) @75/d (FFE SWC) - Wall - Skirting | \ <u>}</u> | | | | /////// | | | |
| E2240 | (FFE SWC) -Alum. Wall panel | <i>\////////////////////////////////////</i> | | | | ///////////// | | | |
| E2250 | (FFE SWC) -MEP Install Final fittings/cable laying | | | | | ////////////////////////////////////// | /////////// | | |
| E2260 E2270 | (FFE SWC) -Door - Perm. Door & Ironmongary (5 No) @8/d (FFE SWC) -Toilet Cubicle | X///////////////////////////////////// | | | | /////!!//////////////////////////////// | | | |
| Staircases | | | | | | | | | |
| E2450 | (FFE Stair) - MEP - Degree 2 | | | | | | | | |
| E2460 E2470 | (FFE Stair) - Nosing Tile and Install Aluminium Extrusion (FFE Stair) - MEP - Degree 3 | {////////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| MEP Install | | | | | | /////٪///////////////////////////////// | | | |
| E4360 | FFE - MEP First fix duct and trunking | | | | : // | | | | |
| E4380 E4410 | FFE - MEP small power + lighting wiring and AFA wiring FFE - MEP - final fix at Ceiling/walls | <u> </u> | /////////////////////////////////////// | | | /////////////////////////////////////// | | | |
| E4430 | FFE - MEP - Install final fittings Toilets | X///////////////////////////////////// | | | | /////////////////////////////////////// | | | |
| Localised T&C o | | | | | | | | | |
| E4460 E4490 | FFE - Stage 1 MEP T&C critical rooms and AHU FFE - Stage 2 MEP T&C for final FSD inspection | \///////////////////////////////////// | | | | <u> </u> | | | |
| E4491 | FFE - PCB - FSD Inspection 3: Row 3 cabins (2nos) all floors | \///////////////////////////////////// | | | | | | | |
| E4510 | FFE - Stage 3 MEPT&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) | | | | | /////////////////////////////////////// | | | |
| First Floor - Zon | ne F (Middle) | { | | | /_/ | | | | |
| Critical Dates | FF Zone F - Target for BOH Fire Services Inspection | /////////////////////////////////////</th <th></th> <th>•</th> <th></th> <th></th> <th></th> <th></th> <th></th> | | • | | | | | |
| A14470 | C - Complete Wet Trades ELV Room (05 F 055) | \///////////////////////////////////// | | • | | /////////////////////////////////////// | | | |
| A14520 | EU - Complete Wet Trades TD AVRS Room (05 F 024) | X///////////////////////////////////// | | • | | /////////////////////////////////////// | | | |
| A22067 A23450 | C - Complete Wet Trades TCIR Computer Room (05 F 053) FF Zone F - Target to complete all works to Degree 3 | ╶┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍ | /./././././././././././././ | • | | ſŗſĸſĸſĸſċſċſĸſĸſĸſĸſĸſĸſĸ | | | |
| Critical ELV Roo | | | | | | /////////////////////////////////////// | | | |
| A14500 | EU - Complete Wet Trades Meeting Room (05 F 001) | X///////////////////////////////////// | | • | | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | |
| Offices | | (////////////////////////////////////// | | | | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | |
| F2020 F2040 | (FFF Office) - Floor Screed (1249m ²) @120m/d (FFF Office) - Floor - Raised Floor support frame (336m ²) @45m/d | Valada fa | | | | fafafafafajfafafafafafafafafafafa | | | |
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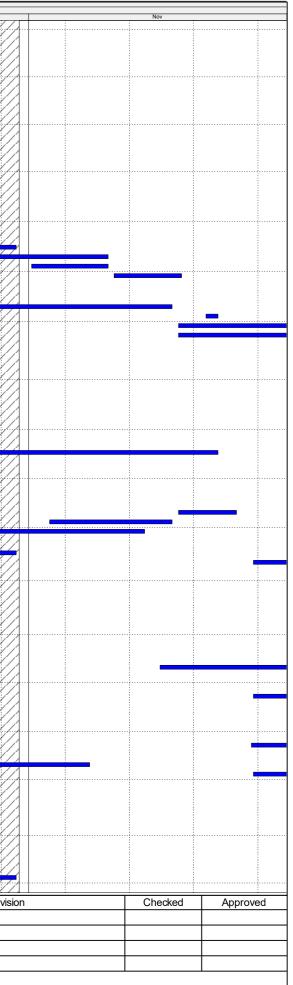


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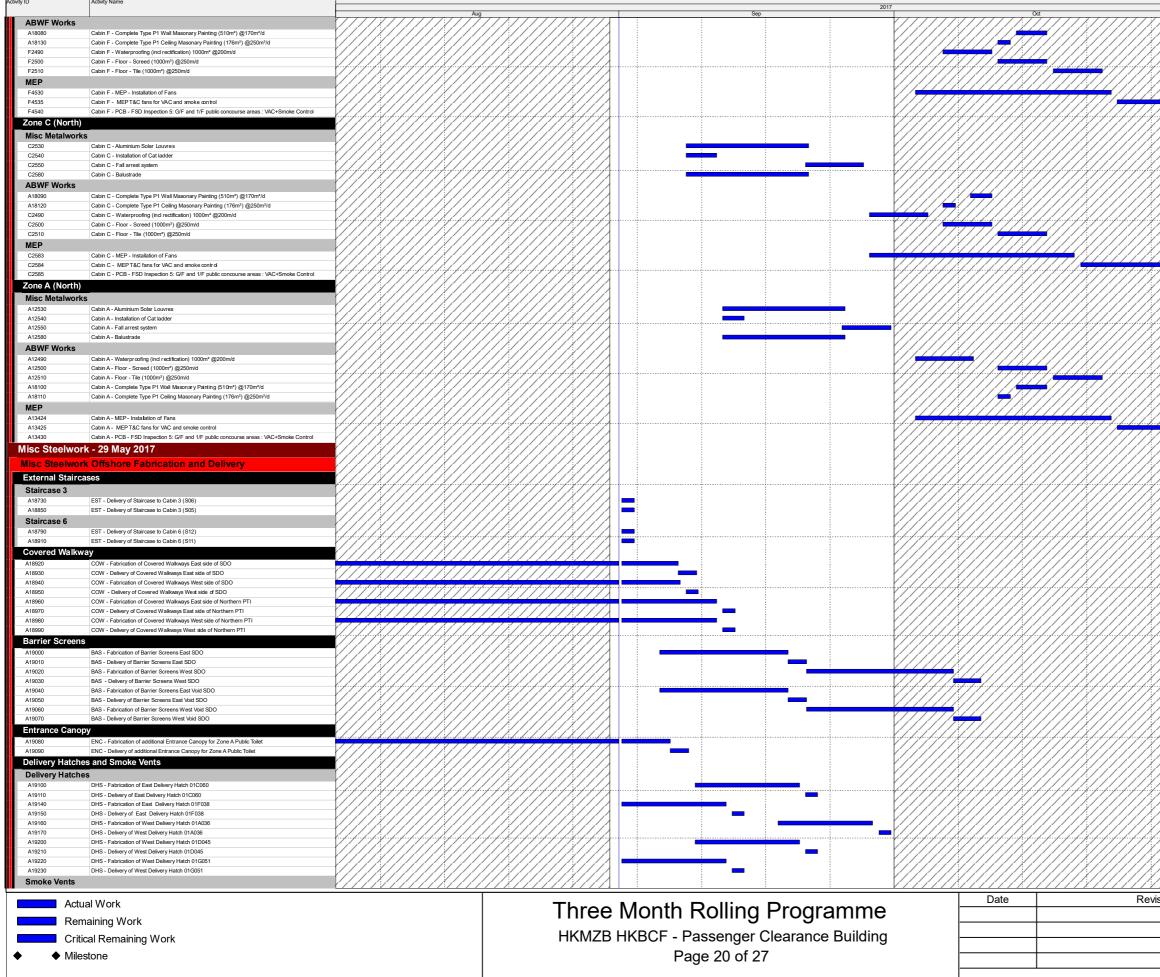
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| A12090 | (FFA SWC) - Waterproofing | Aug | | Sep | Oct | /////////////////////////////////////// |
| A12100 | (FFA SWC) - Floor -Screed (247m ²) @120m/d | | | | | |
| A12120 | (FFA SWC) - Wall - Plaster | | | | | |
| A12130 | (FFA SWC) - MEP high level works | /////////////////////////////////////// | | | | [[]]:[[[]]] |
| A12140 | (FFA SWC) - Wall Furring and GMS Subframe | | | | | : |
| A12150 A12160 | (FFA SWC) - MEP Installation of consealed services (FFA SWC) - Cement Sheet (Wall Panel) | ┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍ | \ | | | |
| A12100 | (FFA SWC) - Vall Stone | /////////////////////////////////////// | | | | |
| A12180 | (FFA SWC) - Wall - Tile grout | | | | | |
| A12190 | (FFA SWC) - Ceiling - hangers (18.9m) @15/d | | | | | |
| A12200 | (FFA SWC) - Floor - Tile (247m ²) @100/d | | | | | |
| A12210 | (FFA SWC) - Furniture/Joinary | | | | \///////////////////////////////////// |]:] |
| A12220 | (FFA SWC) - Ceiling - false ceiling (18.91m ²) @75/d | | | | │ | |
| A12230 A12240 | (FFA SWC) - Wall - Skirting (FFA SWC) - Alum. Wall panel | /////////////////////////////////////// | | | \///////////////////////////////////// | |
| A12250 | (FFA SWC) - MEP Install Final fittings/cable laying | | | | | |
| A12260 | (FFA SWC) - Door - Perm. Door & Ironmongary (8 No) @8/d | +_+_+_+_+_+_+_+_+_+_+_+_ | | | | |
| A12270 | (FFA SWC) - Toilet Cubicle | | | | | |
| Staircases | | | | | | |
| A12450 | (FFA Stair) - MEP - Degree 2 | · · · · · · · · · · · · · · · · · · · | | | | [[]]:[[[]]] |
| A12460 | (FFA Stair) - Nosing Tile and Install Auminium Extrusion | | | | | : |
| A12470 | (FFA Stair) - MEP - Degree 3 | /////////////////////////////////////// | | | | |
| MEP Install | | | | | | |
| A13240 | FFA - MEP First fix duct and trunking | | | | V///////////////////////////////////// | /////////////////////////////////////// |
| A13260 A13290 | FFA - MEP small power + lighting wiring and AFA wiring FFA - MEP - final fix at Ceiling/walls | | | | {////////////////////////////////////// | ///://////// |
| A13290 | FFA - MEP - Install final fittings Toilets | ſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſŗſ | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | //////////// |
| Localised T&C | - | | | | | !!!!!!!!!! |
| A13340 | FFA - Stage 1 MEPT&C critical rooms and AHU | /////////////////////////////////////// | | • | x///////////////////////////////////// | <u> </u> |
| A13370 | FFA - Stage 2 MEP T&C for final FSD inspection | /////////////////////////////////////// | | | | |
| A13371 | FFA - PCB - FSD Inspection 4: Row 4 cabins (2nos) all floors | | //////// | | /////////////////////////////////////// | |
| A13390 | FFA - Stage 3 MEPT&C : Non FS T&C(MVAC air balance,lighting control,small pwr P&D Sys) | /////////////////////////////////////// | ///////// | | | /////////////////////////////////////// |
| A13400 | FFA - Stage 4 MEP T&C : SCADA fine turing | [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[| | | | [[][[]]]] |
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| South Departur | re Hall | /////////////////////////////////////// | | | | : : |
| Critical Dates | | | | | | |
| A13610 | FF Zone H - FOH Fire Services Inspection | ·/··/··/··/··/··/··/··/··/··/··/··/··/· | | • | | |
| Installation | | /////////////////////////////////////// | | | | |
| H1340 | (FOH-FF-S) - Floor screed (5000m ²) @300m ² /d | | | | | |
| H1350 | (FOH-FF-S) - Internal Glazing (Sinobest) -FoH | | | | | |
| H1360 | (FOH-FF-S) - Floor Tiles (5000m ²) @290m ² /d | | | | | |
| H1370 | (FOH-FF-S) - Lateral Fire Shutters | | | | — (/////٪/////////////////////////////// | |
| H1380 H13980 | (FOH-FF-S) - Kiosk_Booth_Binnade | /////////////////////////////////////// | | | | / <u>//:////////</u> : |
| | (FOH-FOH-S) - Install Signage and Related Armature | | | | | |
| Vertical Fire Shu B3260 | (FF-FOH-S) - Self Test | | | | | |
| B3270 | (FF-FOH-S) - Control and Wiring | | | | | 1111111 |
| B3280 | (FF-FOH-S) - Vertical Fire Shutters | /////////////////////////////////////// | | | | [[]][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| Security Shutte | rs | /////////////////////////////////////// | | | | !! |
| B3230 | (FF-FOH-S) - Self Test | | | | | : : |
| B3240 | (FF-FOH-S) - Control and Wiring | | | | | |
| B3250 | (FF-FOH-S) - Security Shutters | | | | | /////////////////////////////////////// |
| | ons from Paul Evans Programme | /////////////////////////////////////// | | | /////////////////////////////////////// | |
| H1111 | (FF-FOH-S) - Stage 1 MEP T&C for FSD Pre-inspection | | | | | ///://///////////////////////////////// |
| H1190 | (FF-FOH-S) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | | | | | [[]][]] |
| Middle Departu | | /_/_/_/_/_/_/_/_/_/_/_/_/_/_/ | | | | |
| Critical Dates | | /////////////////////////////////////// | | | | |
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| A13560 | FF Zone F - FOH Fire Services Inspection | | | | | |
| A13570 | FF Zone D - FOH Fire Services Inspection FF Zone D - FOH Fire Services Inspection | | | | | |
| A13570 Installation | | | | | | |
| A13570 Installation East | FF Zone D - FOH Fire Services Inspection | | | | | |
| A13570 Installation East F6000 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking | | | | | |
| A13570 Installation East | FF Zone D - FOH Fire Services Inspection | | | | | |
| A13570 Installation East F6000 F6010 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor screed (950m ²) @300m ² /d | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @320m²/d (FOH-FOH-FOH-ME) - Install Signage and Related Armature (FOH-FOH-ME) - Install Signage and Related Armature | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13980 MEP Completion E4620 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @290m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 15 (FOH-FF-ME) - Stage 1 MEPT&C for FSD Pre-inspection East | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @320m²/d (FOH-FOH-FOH-ME) - Install Signage and Related Armature (FOH-FOH-ME) - Install Signage and Related Armature | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13980 MEP Completion E4620 E4630 West | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @200m²/d (FOH-FCH-ME) - Install Signage and Related Armature 15 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspecton East (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 5 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-Inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - MEP Floor Trunking | | | | - | |
| A13570 Installation East F6000 F6010 F6020 H13980 MEP Completion E4620 E4630 West D6000 D6010 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @290m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @290m ² /d (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - MEP Floor Trunking (FOH-FF-MW) - Floor screed (950m ²) @300m ² /d | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 5 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-Inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - MEP Floor Trunking | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Tises (950m²) @300m²/d (FOH-FF-ME) - Floor Tises (950m²) @300m²/d (FOH-FF-ME) - Install Signage and Related Armature 15 (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor screed (950m²) @300m²/d | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Install Signage and Related Armature 18 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection Eat (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - MEP Floor Trunking (FOH-FF-MW) - Floor Screed (950m ²) @300m ² /d (FOH-FF-MW) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-MW) - Install Signage and Related Armature 18 (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West | | | | | |
| A13570 Installation East Fe000 F6010 F6020 H13900 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @200m²/d (FOH-FF-ME) - Foor Tiles (950m²) @200m²/d (FOH-FF-ME) - Instal Signage and Related Armature 10 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspecton Ead (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Instal Signage and Related Armature (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Screed (950m²) @300m²/d (FOH-FF-MW) - Instal Signage and Related Armature 10 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Con | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @200m²/d (FOH-FF-ME) - Foor Tiles (950m²) @200m²/d (FOH-FF-ME) - Instal Signage and Related Armature 10 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspecton Ead (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Instal Signage and Related Armature (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Screed (950m²) @300m²/d (FOH-FF-MW) - Instal Signage and Related Armature 10 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Con | | | | | |
| A13570 Installation East Fe000 F6010 F6020 H13900 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m²) @300m²/d (FOH-FF-ME) - Floor Tiles (950m²) @200m²/d (FOH-FF-ME) - Foor Tiles (950m²) @200m²/d (FOH-FF-ME) - Instal Signage and Related Armature 10 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspecton Ead (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Instal Signage and Related Armature (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Screed (950m²) @300m²/d (FOH-FF-MW) - Instal Signage and Related Armature 10 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Con | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @320m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @320m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @320m ² /d (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspecton East (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Instal Signage and Related Armature 18 (FOH-FC-H-WW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 7E HII FF Zone B - FOH Fire Services Inspection | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13800 A13800 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) (@200m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 5 (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - NEP Floor Trunking (FOH-FF-MW) - Floor Streed (950m ²) (@300m ² /d (FOH-FF-MW) - Floor Streed (950m ²) (@300m ² /d (FOH-FF-MW) - Floor Streed (950m ²) (@300m ² /d (FOH-FF-MW) - Floor Streed (950m ²) (@300m ² /d (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Slage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13980 MEP Completion E4620 E4630 Vést D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13800 Installation | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Tise (950m²) (@200m²/d (FOH-FF-ME) - Floor Tise (950m²) (@200m²/d (FOH-FF-ME) - Install Signage and Related Armature 10 (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MV) - Inor screed (950m²) (@300m²/d (FOH-FF-MV) - Install Signage and Related Armature 15 (FOH-FF-MV) - Install Signage and Related Armature 16 (FOH-FF-MV) - Install Signage and Related Armature 17 (FOH-FF-MV) - Install Signage and Related Armature 18 (FOH-FF-MV) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 17 18 19 19 10 10 11 | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13900 A13900 B3130 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Instal Signage and Related Armature 5 (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - FDB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Insor screed (950m*) @300m*/d (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FS D Pre-insp | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13900 Installation B3130 B3140 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - MEP Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control FE FE (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control FE FE FE FE FE FE FE FE FE FE FE | | | | | |
| A13570 Installation East Fe000 F6010 F6020 H13980 MEP Completion E4620 E4630 West D6000 D6010 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13600 B3130 B3140 B3150 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Install Signage and Related Armature 15 (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MV) - Inor screed (950m ²) @300m ² /d (FOH-FF-MV) - Floor Screed (950m ²) @300m ² /d (FOH-FF-MV) - Inoir screed (950m ²) @300m ² /d (FOH-FF-MV) - Floor Screed (950m ²) @300m ² /d (FOH-FF-MV) - Install Signage and Related Armature 15 (FOH-FF-MV) - Install Signage and Related Armature 16 (FOH-FF-MV) - Floor Screed (950m ²) @300m ² /d (FOH-FF-MV) - Install Signage and Related Armature 17 18 (FOH-FF-MV) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 17 18 19 19 10 10 11 11 11 < | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13900 Installation B3130 B3140 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - MEP Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control FE FE (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control FE FE FE FE FE FE FE FE FE FE FE | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 Vest D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13900 A13900 B3130 B3150 B3160 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Instal Signage and Related Armature 15 (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection East (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Screed (950m*) @300m*/d (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - PCB - FSD Inspection S: GF and 1/F public concourse areas : VAC+Smoke Control 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 D6010 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 B3130 B3140 B3150 B3160 B3170 B3180 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 5 (FOH-FF-ME) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-ME) - Instal Signage and Related Armature 7 (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Screed (950m ²) @200m ² /d (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking Signage and Related Armature 15 (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-MW) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 76 77 78 79 70 70 70 70 70 70 70 70 71 72 73 | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 D6010 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 B3130 B3140 B3150 B3160 B3170 B3180 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m*) @300m*/d (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Install Signage and Related Armature 10 (FOH-FF-ME) - FOR - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - FOR - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - FOR - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Install Signage and Related Armature 18 (FOH-FF-MW) - Install Signage and Related Armature 19 (FOH-FF-MW) - Install Signage and Related Armature 19 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Install Signage and Related Armature 19 (FOH-FF-MW) - FOE - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control FE Zone B - FOH Fire Services Inspection FF Zone B - FOH Fire Services Inspection FF North - C3 Conduit Installation for Field Equipment (FOH-FF-N) - Internal Gazing (Sinob | | | | | |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 V6st D6000 D6010 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 Installation B3130 B3150 B3150 B3160 B3170 B3180 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Trunking (FOH-FF-ME) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @200m ² /d (FOH-FF-ME) - Install Signage and Related Armature 19 (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MV) - Floor Trunking (FOH-FF-MV) - Floor Sereed (950m ²) @200m ² /d (FOH-FF-MV) - Floor Sereed (950m ²) @200m ² /d (FOH-FF-MV) - Floor Sereed (950m ²) @200m ² /d (FOH-FF-MV) - Floor Sereed (950m ²) @200m ² /d (FOH-FF-MV) - Floor Sereed (950m ²) @200m ² /d (FOH-FF-MV) - Floor Trunking (FOH-FF-MV) - Floor Trunking (FOH-FF-MV) - Floor Trunking (FOH-FF-MV) - Floor Trunking (FOH-FF-NV) - NEP Floor Trunking (FOH-FF-N) - MEP Floor Trunking (FOH-FF-N) - MEP Floor Trunking (FOH-FF-N) - Mice Floor Trunking (FOH-FF-N) - Internal Gazing (Sinobes) - FoH (FOH-FF-N) - Internal Gazing (Sinobes) - FoH (FOH-FF-N) - Sinoke Curtain - Kicsk 1/F (FOH-FF-N) - Floor Tise (5000m ²) @200m ² /d <th></th> <th></th> <th>Rolling Program</th> <th></th> <th>Rev</th> | | | Rolling Program | | Rev |
| A13570 Installation East Fe000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13600 B3140 B3150 B3140 B3150 B3170 B3180 Actu | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Slage 1 MEP T&C for FSD Pre-inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - FIOO Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Intail Signage and Related Armature 18 (FOH-FF-MW) - Intail Signage and Related Armature 18 (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 7C 10 FE Zone B - FOH Fire Services Inspection FF Xone B - FOH Fire Services Inspection FF Xone B - FOH Fire Services Inspection FF North - C3 Conduit Installation for Field Equipment | | Three Month | Rolling Program | me Date | Rev |
| A13570 Installation East Fe000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13600 B3140 B3150 B3140 B3150 B3170 B3180 Actu | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Floor Screed (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Floor Tiles (950m ²) @300m ² /d (FOH-FF-ME) - Slage 1 MEP T&C for FSD Pre-inspection East (FOH-FF-ME) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-ME) - FIOO Trunking (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Intail Signage and Related Armature 18 (FOH-FF-MW) - Intail Signage and Related Armature 18 (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Instal Signage and Related Armature 19 (FOH-FF-MW) - PCB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control 7C 10 FE Zone B - FOH Fire Services Inspection FF Xone B - FOH Fire Services Inspection FF Xone B - FOH Fire Services Inspection FF North - C3 Conduit Installation for Field Equipment | | Three Month | | me Date | Rev |
| A13570 Installation East F6000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13600 B3160 B3160 B3160 B3160 B3160 B3160 Critical Completion B3160 | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Foor screed (950m*) @200m*/d (FOH-FF-ME) - Foor Tiles (950m*) @200m*/d (FOH-FF-ME) - Foor Tiles (950m*) @220m*/d (FOH-FF-ME) - Foor Tiles (950m*) @200m*/d (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection Ea td (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - FDG Trunking (FOH-FF-MW) - PCB - FSD Inspection S: GF and 1/F public concourse areas : VAC+Smoke Control F Zone B - FOH Fire Services Inspection F F Zone B - FOH Fire Services Inspection (FOH-FF-N) - MEP Floor Trunking (FOH-FF-N) - Stoor Streed (500m*) @200m*/d (FOH-FF-N) - Stoor Trunking (FOH-FF-N) - Stoor Streed (5000m*) @200m*/d | | Three Month I HKMZB HKBCF - P | assenger Clearance Bui | me Date | Rev |
| A13570 Installation East Fe000 F6010 F6020 H13990 MEP Completion E4620 E4630 West D6000 D6010 D6020 H14000 MEP Completion E4599 E4600 North Departur Critical Dates A13600 A13600 B3140 B3150 B3140 B3150 B3170 B3180 Actu | FF Zone D - FOH Fire Services Inspection (FOH-FF-ME) - MEP Floor Trunking (FOH-FF-ME) - Foor screed (950m*) @200m*/d (FOH-FF-ME) - Foor Tiles (950m*) @200m*/d (FOH-FF-ME) - Foor Tiles (950m*) @220m*/d (FOH-FF-ME) - Foor Tiles (950m*) @200m*/d (FOH-FF-ME) - Stage 1 MEP T&C for FSD Pre-inspection Ea td (FOH-FF-ME) - FOB - FSD Inspection 5: GF and 1/F public concourse areas : VAC+Smoke Control (FOH-FF-MW) - Floor Trunking (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - Stage 1 MEP T&C for FSD Pre-inspection West (FOH-FF-MW) - FDG Trunking (FOH-FF-MW) - PCB - FSD Inspection S: GF and 1/F public concourse areas : VAC+Smoke Control F Zone B - FOH Fire Services Inspection F F Zone B - FOH Fire Services Inspection (FOH-FF-N) - MEP Floor Trunking (FOH-FF-N) - Stoor Streed (500m*) @200m*/d (FOH-FF-N) - Stoor Trunking (FOH-FF-N) - Stoor Streed (5000m*) @200m*/d | | Three Month I HKMZB HKBCF - P | | me Date | |



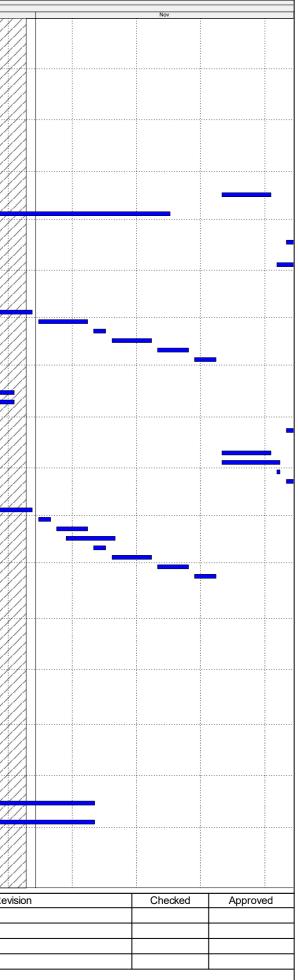
| | Activity Name | | | | 2017 | |
|--------------------|---|--|--|---------------------------------------|--|---|
| ertical Fire S | Shutters | Aug | /////////////////////////////////////// | Sep | Oct | /////////////////////////////////////// |
| 3330 | (FF-FOH-N) - Vertical Fire Shutters | | | | | |
| 33340 33350 | (FF-FOH-N) - Control and Wiring (FF-FOH-N) - Self Test | ////////////////////////////////// | | | | <u> / / / / / / / / / / / / / / / / / / /</u> |
| ecurity Shut | | | | | | |
| 33300 | (FF-FOH-N) - Security Shutters | | | | | |
| 33310 | (FF-FOH-N) - Control and Wiring | _\///////////////////////////////////// | | | | ////://// |
| ateral Fire Sh | (FF-FOH-N) - Self Test | ////////////////////////////////// | | | | |
| 3200 | (FOH-FF-N) - Lateral Fire Shutters | <u> </u> | | | | /////////////////////////////////////// |
| 3210 | (FOH-FF-N) - Control and Wiring | /////////////////////////////////// | | | | !: |
| 3290 | (FOH-FF-N) - Self Test | ////////////////////////////////// | | | | |
| EP Complet | (FOH-FF-N) - Stage 1 MEP T&C for FSD Pre-inspection | —(///////////////////////////////////// | | | | |
| 4610 | (FOH-FF-N) - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Contr | al | | | | |
| oin Roof | | | | | | |
| ck of Hou | | | | | | /////////////////////////////////////// |
| ne J (South | | | | | | !: |
| isc Metalwo | | {/////////////////////////////////// | | | | |
| 530 | Cabin J - Aluminium Solar Louvres | | | | | /////////////////////////////////////// |
| 2540 | Cabin J - Installation of Cat ladder | | | | | !: |
| 1550 1580 | Cabin J - Fall arrest system Cabin J - Balustrade | _{///////////////////////////////////// | | | | |
| BWF Works | | ////////////////////////////////// | | | | /////////////////////////////////////// |
| 18050 | Cabin J - Complete Type P1 Wall Masonary Painting (510m ²) @170m ² /d | | | | | |
| 18160 | Cabin J - Complete Type P1 Ceiling Masonary Painting (176m ²) @250m ² /d | _////////////////////////////////////// | | | \///////////////////////////////////// | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| 490 | Cabin J - Waterproofing (ind rectification) 1000m ² @200m/d Cabin J - Floor - Screed (1000m ²) @250m/d | _{///////////////////////////////////// | 77777777777777 | | | /////////////////////////////////////// |
| 500 510 | Cabin J - Floor - Screed (1000m ²) @250m/d Cabin J - Floor - Tile (1000m ²) @250m/d | _////////////////////////////////////// | | | <u> </u> | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| EP | | | | | ····· | |
| 512 | Cabin J - MEP - Installation of Fans | /////////////////////////////////// | | | | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| 581 | Cabin J - MEPT&C fans for VAC and smoke control | | | | \///////////////////////////////////// | /////////////////////////////////////// |
| 585 no C (South | Cabin J - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | _////////////////////////////////////// | | | \///////////////////////////////////// | /////////////////////////////////////// |
| ne G (Sout | | ─ {-{-{-}-{-}-{-}-{-}-{-}-{-}-{-}-{-}-{-} | | | | |
| sc Metalwo | Cabin G - Aluminium Solar Louvres | {/////////////////////////////////// | /////////////////////////////////////// | | | |
| 540 | Cabin G - Installation of Cat ladder | _{///////////////////////////////////// | | | | ///!/// |
| 550 | Cabin G - Fall arrest system | _\///////////////////////////////////// | | | | /////////////////////////////////////// |
| 580 | Cabin G - Balustrade | | | | | |
| WF Works | | — ///////////////////////////////////</td <td></td> <td></td> <td></td> <td>///٪///</td> | | | | ///٪/// |
| 8060 8150 | Cabin G - Complete Type P1 Wall Masonary Painting (510m ²) @170m ² /d Cabin G - Complete Type P1 Ceiling Masonary Painting (176m ²) @250m ² /d | _////////////////////////////////////// | | | | ! ! |
| 490 | Cabin G - Waterproofing (incl rectification) 1000m ² @200m/d | —\///////////////////////////////////// | | | | ////:/// |
| 2500 | Cabin G - Floor - Screed (1000m ²) @250m/d | | | | | |
| 2510 | Cabin G - Floor - Tile (1000m ²) @250m/d | | | | | _ [[]];[[]] |
| EP 2515 | Cabin G - MEP - Installation of Fans | — { / / / / / / / / / / / / / / / / / / | | | | ////://// |
| 2582 | Cabin G - MEP T&C fans for VAC and smoke control | _{////!!/////////////////////////////// | | | | |
| 2585 | Cabin G - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | | | | | |
| ne D (Midd | | | | | | ////://// |
| sc Metalwo | | ///////////////////////////////// | | | | |
| 1530 1540 | Cabin D - Aluminium Solar Louvres Cabin D - Installation of Cat ladder | _{///////////////////////////////////// | | | | /////////////////////////////////////// |
| 550 | Cabin D - Fall arrest system | —\///////////////////////////////////// | | | | /////////////////////////////////////// |
| 580 | Cabin D - Balustrade | | | | | /////////////////////////////////////// |
| BWF Works | | //////////////////////////////// | | | | /////////////////////////////////////// |
| 8070 8140 | Cabin D - Complete Type P1 Wall Masonary Painting (510m ²) @170m ² /d Cabin D - Complete Type P1 Ceiling Masonary Painting (176m ²) @250m ² /d | _////٪///////////////////////////////// | | | · _ | /////////////////////////////////////// |
| 490 | Cabin D - Waterproofing (incl rectification) 1000m ² @200m/d | _////////////////////////////////////// | | | | |
| 500 | Cabin D - Floor - Screed (1000m ²) @250m/d | | | | | |
| 510 | Cabin D - Floor - Tile (1000m²) @250m/d | ////////////////////////////////// | | | \///////////////////////////////////// | ///// /// |
| EP | Cohin D. MED. Installation of E | <i>_////////////////////////////////////</i> | | | <u> </u> | [[[[]]]]] |
| 581 582 | Cabin D - MEP - Installation of Fans Cabin D - MEP T&C fans for VAC and smoke control | _{///////////////////////////////////// | | | | |
| i85 | Cabin D - CB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | | <i>/////////////////////////////////////</i> | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | /////////////////////////////////////// |
| ne E (Middl | lle) | | | | \///////////////////////////////////// | /////////////////////////////////////// |
| sc Metalwo | orks | <i>■{////!////////////////////////////////</i> | | | \///////////////////////////////////// | [[[]]]] |
| 540 | Cabin E - Installation of Cat ladder | ////////////////////////////////// | | — | ////////////////////////////////////</td <td>[[[]]]]]</td> | [[[]]]]] |
| | Cabin E - Fall arrest system | | | | | |
| WF Works | Cabin E - Waterproofing (incl rectification) 1800m ² @200m/d | —_///////////////////////////////////// | | | \////////////////////////////////////// | [[[]]]]]] |
| +90 500 | Cabin E - Floor - Screed (1800m ²) @250m/d | _////////////////////////////////////// | <i>\////////////////////////////////////</i> | | \//////////////////////////////// | [[[]]]]] |
| 10 | Cabin E - Floor - Tile (1800m ²) @250m/d | | | | | [[[]]]]]] |
| 30 | Cabin E - Service Column - ABWF | | 1. J. | | | <u>,</u> ., |
| 340 P | Cabin E - Service Column - MEP | | | | /////////////////////////////////////// | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| . P 145 | Cabin E - MEPT&C fans for VAC and smoke control | | //////////// | | ////////////////////////////////////</td <td>/////<u>//</u></td> | ///// <u>//</u> |
| 550 | Cabin E - PCB - FSD Inspection 5: G/F and 1/F public concourse areas : VAC+Smoke Control | _////////////////////////////////////// | | | \///////////////////////////////////// | /////////////////////////////////////// |
| ne F (Middl | le) | | | | | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
| sc Metalwo | orks | | 7/1//////// | | | /////////////////////////////////////// |
| 530 | Cabin F - Aluminium Solar Louvres | | | | (////////////////////////////////////// | /////// |
| 2540 2550 | Cabin F - Installation of Cat ladder Cabin F - Fall arrest system | _\///////////////////////////////////// | | | | /////// |
| 2580 | Cabin F - Pallarres system Cabin F - Balustrade | _{///////////////////////////////////// | | | | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |
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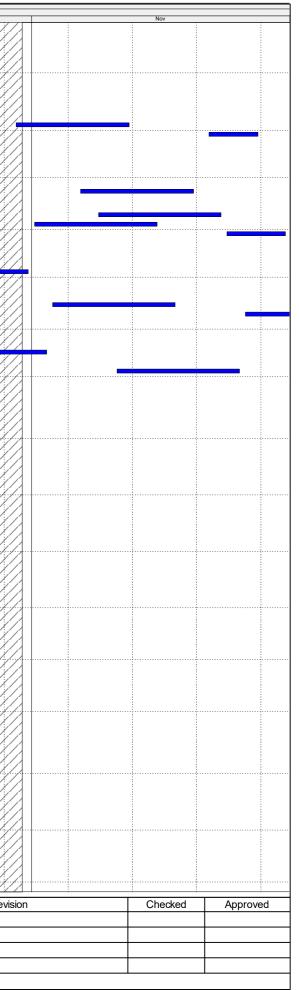


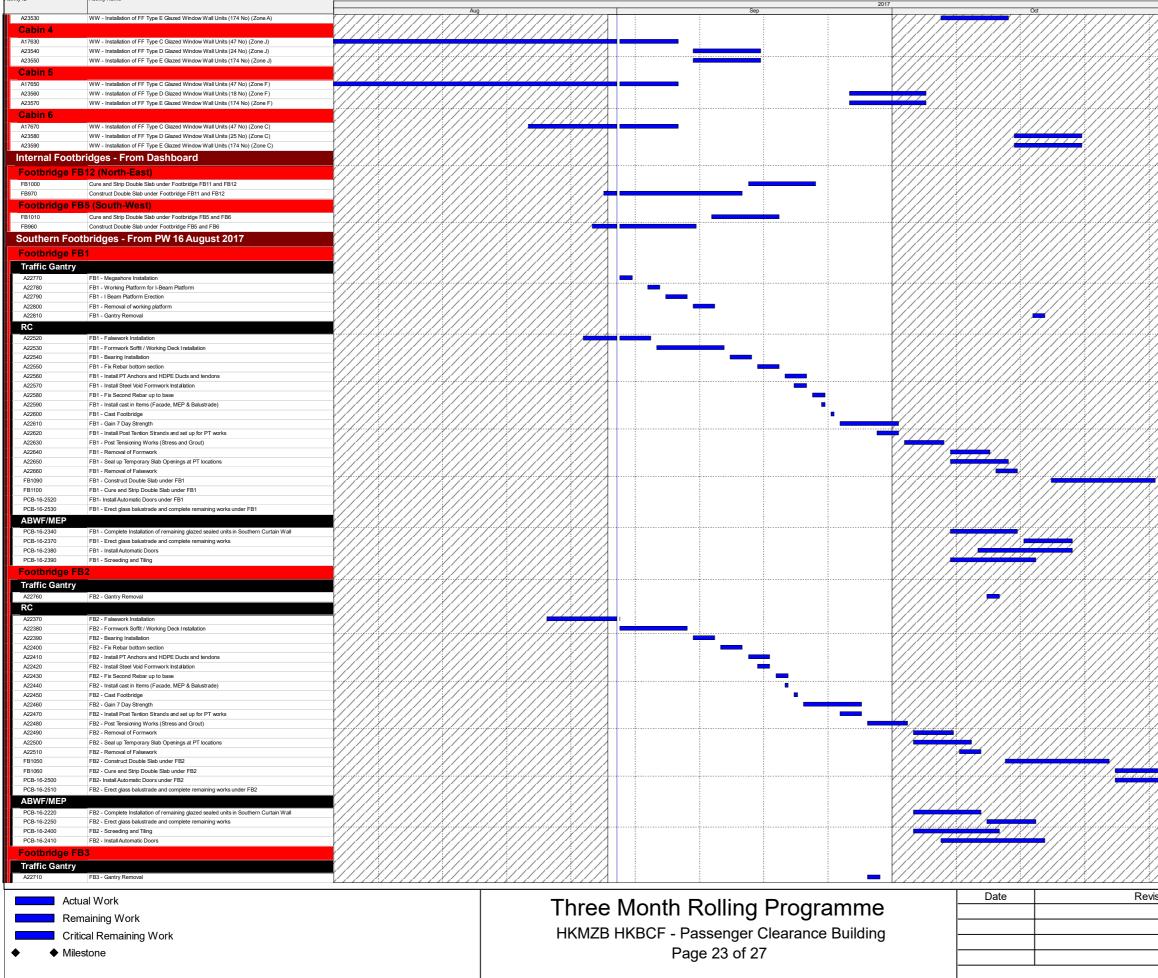
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| Activity ID | Activity Name | | 017 |
|------------------|--|--|---|
| 440400 | | Aug 2 | Oct |
| A19120 A19130 | DHS - Fabrication of East Smoke Vents DHS - Delivery of East Smoke Vents | | |
| A19180 | DHS - Fabrication of West Smoke Vents | | |
| A19190 | DHS - Delivery of West Smoke Vents | | ={///////////////////////////////////// |
| | tical Circulation | | |
| A18550 A18570 | EVC - Delivery of Staircase S-42, S-43 EVC - Delivery of Passenger Lift L-09 steel | | |
| A18590 | EVC - Delivery of Canopies | | _ |
| A18610 | EVC - Delivery of Escalator E-01, E-02 steel | | _ |
| Western Ver | rtical Circulation | | |
| A18630 | WVC - Delivery of Staircase S-40, S-41 | | |
| A18650 | WVC - Delivery of Passenger Lift, L-08 steel | | _ |
| A18670 | WVC - Delivery of Canopies rtical Circulation | | _ |
| A16640 | | | <u> </u> |
| A16710 | EVC - Installation of EVC Staircases EVC - Installation of Liftshaft 9 Steel Frame | | |
| A16720 | EVC - Installation of Steel Canopy over EVC | | |
| A18380 | EVC - Installation of Liftshaft Glazing | | _ |
| A19240 LS1120 | EVC - Installation of Escalator Steel E-01, E-02 | | |
| LS1860 | EVC - Escalator - T&C Escalator - T&C EVC - Access to Lift Contractor | | |
| LS1900 | EVC - Installation Escalator E-01, E-02 | | |
| MEP-02-50339 | EVC - E&M : Final Commissioning (Perm Power) | | |
| _Lift Installat | | | |
| A21450 | EVC - Testing, Commissioning and Adjustment | | |
| LS2690 LS2700 | EVC - Setting out, Hoisting of Equipment EVC - Install Machine and Controller (Incl Wiring) | | - X / / / / / / / / / / / / / / / / / / |
| LS2710 | EVC - Install Car Counterweight, Assemble Car, Fix Sheathed Cables | | ///////////////////////////////// |
| LS2720 | EVC - Startup Inspection Mode Test (Low Speed) | | |
| LS2730 | EVC - Fixing Guide Rail Bracket and Guide Rails | | |
| LS2740 LS2750 | EVC - Fixing Landing Sill and Architraves EVC - Fixing Push Buttons and Indicate Base Box | | |
| LS2760 | EVC - Fixing Fush buttons and indicate base box EVC - Fixing Landing Door header and Doors | | |
| LS2770 | EVC - Lift Shaft Trunking and and Wiring lightning and buffers | | ////////////////////////////////// |
| LS2780 | EVC - Electrical Accessories, Cleaning, Painting and CCTV Installation | | |
| | ertical Circulation | | _ |
| A16650 A16730 | WVC - Installation of WVC Staircases | | |
| A16730 | WVC - Installation of Liftshaft 8 Steel Frame WVC - Installation of Steel Canopy over WVC | | |
| A18230 | WVC - Completion of WVC RC Works | | |
| LS1880 | WVC - Access to Lift Contractor | | \///////////////////////////////////// |
| MEP-02-50353 | WVC - E&M : Final Commissioning (Perm Power) | | |
| | | | |
| A18370 A21490 | WVC - Installation of Liftshaft Glazing WVC - Testing, Commissioning and Adjustment | | - |
| A21500 | WVC - LE 5 and Test Report Submission | | |
| A21510 | WVC - EMSD onsite Inspection | | |
| LS2790 LS2800 | WVC - Setting out, Hoisting of Equipment | | - <u> </u> |
| LS2800 | WVC - Install Machine and Controller (Incl Wiring) WVC - Install Car Counterweight, Assemble Car, Fix Sheathed Cables | | |
| LS2820 | WVC - Startup Inspection Mode Test (Low Speed) | | |
| LS2830 | WVC - Fixing Guide Rail Bracket and Guide Rails | | |
| LS2840 LS2850 | WVC - Fixing Landing Sill and Architraves WVC - Fixing Push Buttons and Indicate Base Box | | |
| LS2860 | WVC - Fixing Landing Door header and Doors | | _ |
| LS2870 | WVC - Lift Shaft Trunking and and Wiring lightning and buffers | | |
| LS2880 | WVC - Electrical Accessories, Cleaning, Painting and CCTV Installation | | - \//////////////////////////////////// |
| External St | | | _ |
| Southern Si | | | _ |
| A16750 | Erect Steel Staircase to Cabin 2 (S18) | | |
| A16760 A16780 | Erect Steel Staircase to Cabin 3 (S06) Erect Steel Staircase to Cabin 5 (S26) | | |
| A16790 | Erect Steir Staircase to Cabin 6 (S12) | | |
| Northern Si | de | | |
| A16860 | Erect Steel Staircase to Cabin 1 (S31) | | |
| A16870 | Erect Steel Staircase to Cabin 2 (S17) | | |
| A16880 A16910 | Erect Steel Staircase to Cabin 3 (S05) Erect Steel Staircase to Cabin 6 (S11) | | <u> </u> |
| Covered W | | | |
| Southern D | | | |
| A16670 | Erect Covered Walkways East side of SDO | | |
| A16800 | Erect Covered Walkways Least side of SDO | | |
| North PTI | | | ////////////////////////////////// |
| A16680 | Erect Covered Walkways East side of Northern PTI | | |
| A16810 | Erect Covered Walkways West side of Northern PTI | | |
| Barrier Scr | | | |
| A18470 | Install Barrier Screens East SDO | /////////////////////////////////////// | |
| A18480 A18490 | Install Barrier Screens West SDO Install Barrier Screens East Void SDO | | <u></u> |
| A18500 | Install Barrier Screens West Void SDO | | |
| Entrance C | | | ┉╲┑┙┥┥┥┥┥┊┥┥┥┥┙┊┊┥┥┑┑┊ |
| A18390 | Installation of additional Entrance Canopy for Zone A Public Toilet | | |
| | atches and Smoke Vents | | ////////////////////////////////// |
| West | | | |
| A18420 | West - Installation of Delivery Hatch 01A036 | | |
| | | | |
| | Actual Work | | Date Revis |
| | | Three Month Rolling Programme | ; |
| F | Remaining Work | | |
| | Critical Remaining Work | HKMZB HKBCF - Passenger Clearance Building | J |
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| ~ ~ N | Ailestone | Page 21 of 27 | |
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| activity ID | Activity Name | | | | 0047 | | |
|----------------------------|---|---|---|---|---|---|---|
| A18430 | West - Installation of Smoke Vents | Aug | | Sep | 2017 | Oct | |
| A18450 | West - Installation of Shioke Vents West - Installation of Delivery Hatch 01D045 | | | | | - | <u> </u> |
| A18460 | West - Installation of Delivery Hatch 01G051 | | | | | | |
| East A18400 | East - Installation of Delivery Hatch 01C060 | | | | | | |
| A18400 | East - Installation of Delivery Harch of Codo | | | | ····· | | /////////////////////////////////////// |
| A18440 | East - Installation of Delivery Hatch 01F038 | | | | | | |
| | uard Booths | | | | | | |
| North PTI C | | | | | | | |
| PCB-05-1620 PCB-05-1630 | OGB(N) - ABWF Works OGB(N) - T&C, Final Inspection | | | | | /////////////////////////////////////// | |
| PCB-05-1640 | OGB(N) - Site Suvey and Setting out | ////////////////////////////////// | | | | ////////////////////////////////////// | |
| PCB-05-1650 PCB-05-1660 | OGB(N) - Construct Footings OGB(N) - Construct Ground Slab | — {//////////////////////////////////// | | | | | |
| PCB-05-1670 | OGB(N) - Construct Steel Columns & Roof | | | | | | |
| PCB-05-1680 PCB-05-1710 | Complete Northern Facade and NFB Piers OGB(N) - MEP Works | ///////////////////////////////// | | | | /////////////////////////////////////// | |
| North PTI C | | | | | | | |
| PCB-05-1950 | OGB(N) - MEP Works | | | | | | |
| PCB-05-2040 PCB-05-2050 | OGB(N) - ABWF Works OGB(N) - T&C, Final Inspection | | | | | | |
| PCB-05-2060 | OGB(N) - Site Suvey and Setting out | | | | | /////////////////////////////////////// | |
| PCB-05-2070 PCB-05-2080 | OGB(N) - Construct Footings OGB(N) - Construct Ground Slab | | | | | | |
| PCB-05-2090 | OGB(N) - Construct Steel Columns & Roof | | | | | | |
| PCB-05-2100 | Complete Northern Facade and NFB Piers | /////////////////////////////////// | | | (////////////////////////////////////// | ([\]]]] | /////////////////////////////////////// |
| PCB-05-1880 | OB05 OGB(N) - ABWF Works | | | | | /////////////////////////////////////// | [[[[]]]] |
| PCB-05-1880 PCB-05-1890 | OGB(N) - ABWF WORKS OGB(N) - T&C, Final Inspection | (////////////////////////////////// | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | [[[[]]]]] |
| PCB-05-1900 | OGB(N) - Site Suvey and Setting out | | | | | //// ///////////////////////////////// | [|
| PCB-05-1910 PCB-05-1920 | OGB(N) - Construct Footings OGB(N) - Construct Ground Slab | <u> </u> | ////////////////////////////////////// | | | /////////////////////////////////////// | |
| PCB-05-1930 | OGB(N) - Construct Steel Columns & Roof | ////////////////////////////////// | /////////////////////////////////////// | | | /////////////////////////////////////// | |
| PCB-05-1940 PCB-05-2110 | Complete Northern Facade and NFB Piers OGB(N) - MEP Works | <u> </u> | /////////////////////////////////////// | | V///////////////////////////////////// | ////////////////////////////////////// | [[[[]]]]] |
| | ırtain Wall - 2 Jun 2017 | | | ····· | ····· | /////////////////////////////////////// | |
| Zone 1 Sou | th - Double Bow | | | | | | |
| A16950 | DBT - Installation of Glazing Panels (360 No) | | | | | | [[[[]]]] |
| Zone 1 Eas | t - Corner Double Bow | | | | | | //////// |
| A16990 | DBT - Installation of Glazing Panels (38 No) | | | | | | ///////// |
| A17030 | DBT - Installation of Glazing Panels (38 No) | | | | | | |
| 1 | st - Double Bow | | | | | | |
| A17200 | DBT - Truss Installation (3.No) | | | | | | |
| A17210 | DBT - Welding of top Brackets | | | • · · · · · · · · · · · · · · · · · · · | | | |
| A17220 A17230 | DBT - NDT and Survey DBT - Installation of Glazing Panels (76 No) | | | | | | |
| | t - Double Bow | | | | | | |
| A17270 | DBT - Installation of Glazing Panels (76 No) | | | | | | /////// |
| | t - Single Bow | | | | | | |
| A17310 | SBT - Installation of Glazing Panels (74 No) st - Single Bow | | | | | | [[[[]]]] |
| A17350 | SBT - Installation of Glazing Panels (74 No) | | | | | | |
| Zone 3 Wes | st - Double Bow | | | | | | |
| A17360 | DBT - Truss Installation (3.No) | | | | | | |
| A17370 A17380 | DBT - Welding of top Brackets DBT - NDT and Survey | (//////////////////////////////// | | | | | |
| A17390 | DBT - Installation of Glazing Panels (76 No) | /////////////////////////////////// | | | | | |
| Zone 3 Eas | | | | | | | |
| A17400 A17410 | DBT - Truss Installation (3.No) DBT - Welding of top Brackets | | | | //////////////////////////// | ///////// | [[[[]]] |
| A17420 | DBT - NDT and Survey | ///////////////////////////////// | | - | | /////////////////////////////////////// | /////////////////////////////////////// |
| A17430 | DBT - Installation of Glazing Panels (76 No) | | /////////////////////////////////////// | | \///////////////////////////////////// | ////////////////////////////////////// | [[[[[]]]]] |
| Zone 3 East A17470 | t - Corner Double Bow | | /////// <u>////</u> | | V///////////////////////////////////// | ////////// | /////// |
| | DBT - Installation of Glazing Panels (38 No) st - Corner Double Bow | | | | ······································ | <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i> | /////// |
| A17510 | DBT - Installation of Glazing Panels (38 No) | | | | V///////////////////////////////////// | ////////////////////////////////////// | [[[[]]]]] |
| | th - Double Bow | | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | [[[[]]] |
| A17550 | DBT - Installation of Glazing Panels (360 No) | //////////////////////////////////// | | | V///////////////////////////////////// | ////////////////////////////////////// | [[[[[]]]]] |
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| A17570 A23480 | WW - Installation of FF Type C Glazed Window Wall Units (47 No) (Zone G) WW - Installation of FF Type D Glazed Window Wall Units (24 No) (Zone G) | | | | | 7//////// | //////// |
| A23480 A23490 | WW - Installation of FF Type E Glazed Window Wall Units (24 No) (Zone G) WW - Installation of FF Type E Glazed Window Wall Units (174 No) (Zone G) | <u> </u> | | | | /////////////////////////////////////// | /////////////////////////////////////// |
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| A17590 | WW - Installation of FF Type C Glazed Window Wall Units (47 No) (Zone D) | | | | | 1////////////////////////////////////// | /////////////////////////////////////// |
| A23500 A23510 | WW - Installation of FF Type D Glazed Window Wall Units (24 No) (Zone D) WW - Installation of FF Type E Glazed Window Wall Units (174 No) (Zone D) | — <u> </u> | | | | /////////////////////////////////////// | [[[[]]]] |
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| A17610 | WW - Installation of FF Type C Glazed Window Wall Units (47 No) (Zone A) | | | — | | | |
| A23520 | WW - Installation of FF Type D Glazed Window Wall Units (24 No) (Zone A) | | | | | _!!!!!!! | /////////////////////////////////////// |
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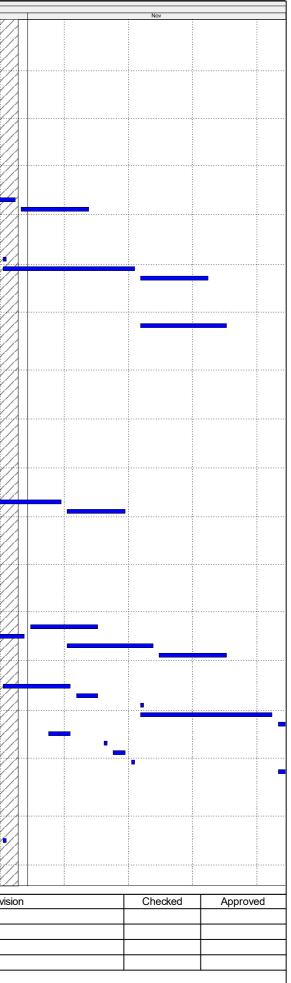


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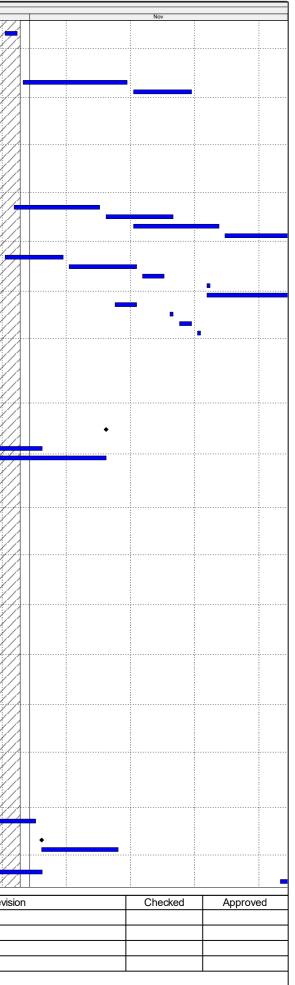
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| A22250 | FB3 - Fix Rebar bottom section | | | /////////////////////////////////////// | <mark>⊨⊣</mark> ∎ | | | | | | |
| A22260 | FB3 - Install PT Anchors and HDPE Ducts and tendons | | /////////////////////////////////////// | /////////////////////////////////////// | 1 – | | | | | | |
| A22270 A22280 | FB3 - Install Steel Void Formwork Installation FB3 - Fix Second Rebar up to base | _//// | | /////////////////////////////////////// | | | | | | | |
| A22280 | FB3 - Install cast in Items (Facade, MEP & Balustrade) | | /////////////////////////////////////// | ////////////////////////////////////// | | | <i>{////////////////////////////////////</i> | /////////////////////////////////////// | | | |
| A22300 | FB3 - Cast Footbridge | | | | | | | | | | |
| A22310 | FB3 - Gain 7 Day Strength | | | /////////////////////////////////////// | | | | | | | |
| A22320 | FB3 - Install Post Tention Strands and set up for PT works | _//// | | /////////////////////////////////////// | 1 - | • | | /////////////////////////////////////// | | | |
| A22330 A22340 | FB3 - Post Tensioning Works (Stress and Grout) FB3 - Removal of Formwork | | | ┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍ | } | | +++++++ | /./././././././././ | f-f-f-f-f-f-f-f-f-f-f-f-f-f-f- | | |
| A22350 | FB3 - Seal up Temporary Slab Openings at PT locations | | [][[[[[[[]]] | | | | | [[[[[]]]]] | | | |
| A22360 | FB3 - Removal of Falsework | | | | | | | | | | |
| FB1030 | FB3 - Construct Double Slab under FB3 | | | /////////////////////////////////////// | 1 | • | | ///////////////////////////////// | | | |
| FB1040 | FB3 - Cure and Strip Double Slab under FB3 | | //././././././ | /////////////////////////////////////// | 1 | | | | <u>_////////////////////////////////////</u> | | |
| PCB-16-2480 PCB-16-2490 | FB3- Install Automatic Doors under FB3 FB3 - Erect glass balustrade and complete remaining works under FB3 | | | | | | | /////////////////////////////////////// | | | |
| ABWF/MEP | 1 Do Eroc galo balabrido ana complete fontalming worke ander 1 Do | | | | | | | [[[[[[[]] | | | |
| PCB-16-2190 | FB3 - Complete Installation of remaining glazed sealed units in Southern Curtain Wall | | | / | | | | | | | |
| PCB-16-2420 | FB3 - Screeding and Tiling | -//// | | /////////////////////////////////////// | | | | | | | |
| PCB-16-2430 | FB3- Install Automatic Doors | | /////////////////////////////////////// | | 1 | | | /////////////////////////////////////// | | | |
| PCB-16-840 | FB3 - Erect glass balustrade and complete remaining works | | | | 1 | | | | | | |
| Footbridge FE | 34 | | /////////////////////////////////////// | | | | | | | | |
| Traffic Gantry | | | | | | | | [[[[[]]]]] | | | |
| A22860 | FB4 - Gantry Removal | | | /////////////////////////////////////// | | | | | | | |
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| A22110 | FB4 - Install PT Anchors and HDPE Ducts and tendons | | [][[]]]] | [[[[[[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] |) 📥 | | ////// | [[[[]]]]] | /////////////////////////////////////// | | |
| A22120 | FB4 - Install Steel Void Formwork Installation | | | | | | | [[[[[]]]]] | | | |
| A22130 | FB4 - Fix Second Rebar up to base | _//// | 14/////// | | 1 – | | (///// | [[]]]]] | | | |
| A22140 A22150 | FB4 - Install cast in Items (Facade, MEP & Balustrade) FB4 - Cast Footbridge | | | ╶┟╍ <i>┟╍┟╍┟╍┟┊</i> ┟ <i>╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍</i> ┟╍ | 1. <u>.</u> | | ¥/////// | [| \ | | |
| A22150 | FB4 - Gain 7 Day Strength | -//// | /////////////////////////////////////// | /////////////////////////////////////// | | | V////// | /////////////////////////////////////// | | | |
| A22170 | FB4 - Install Post Tention Strands and set up for PT works | | [][[]]]] | [[[[[[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | V////// | [[[[]]]] | /////////////////////////////////////// | | |
| A22180 | FB4 - Post Tensioning Works (Stress and Grout) | //// | [][[][]]] | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | (///// | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | |
| A22190 | FB4 - Seal up Temporary Slab Openings at PT locations | | | | | | | | | | |
| A22200 A22210 | FB4 - Removal of Formwork FB4 - Removal of Falsework | -//// | | /////////////////////////////////////// | 1 8 8 | | | | | | |
| FB1070 | FB4 - Construct Double Slab under FB4 | -//// | | /////////////////////////////////////// | 1 1 1 | | | | | | |
| FB1080 | FB4 - Cure and Strip Double Slab under FB4 | | | | | | | | | | |
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| PCB-16-2280 | FB4 - Complete Installation of remaining glazed sealed units in Southern Curtain Wall | | | | | | | | | | |
| PCB-16-2310 | FB4 - Erect glass balustrade and complete remaining works | _//// | /////////////////////////////////////// | /////////////////////////////////////// | 1 | | V////// | | | | |
| PCB-16-2440 PCB-16-2450 | FB4 - Screeding and Tiling FB4- Install Automatic Doors | -//// | | | 1 | | | | | | |
| PCB-16-2460 | FB4 - Erect glass balustrade and complete remaining works under FB4 | -//// | [] [[[[[[]]] | | | | <u> </u> | | | | |
| PCB-16-2470 | FB4- Install Automatic Doors under FB4 | (//// | /////////////////////////////////////// | /////////////////////////////////////// | | | 11/1/1 | f | | | |
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| Traffic Gantry 1 A22910 | FB16 S1 - Gantry Removal | V/// | | /////////////////////////////////////// | 1 | | | | | | |
| Traffic Gantry 2 | | | | | | | V/////// | | | | |
| A22950 | FB16 S1 - Gantry Removal | (//// | | | | | //i | [[[[[[[]] | | | |
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| FB1110 | Construct Double Slab under Footbridge FB16 | //// | | | 1 1 1 1 | | | | /////////////////////////////////// | | |
| FB1120 | Cure and Strip Double Slab under Footbridge FB16 | _//// | | | 1 | | V////// | /////////////////////////////////////// | | | |
| FB1910 FB1920 | FB16 S1 - Bearing Installation (4 No) FB16 S1 - Internal Steel Void Formwork Installation | | | | | | | | | | |
| FB1930 | FB16 S1 - Rebar Fixing Top Section | | | | | | | | | | |
| FB1940 | FB16 S1 - Install Cast In Items | | | | | | | | | | |
| FB920 | FB16 S1 - Formwork Erection | | 75/////// | /////////////////////////////////////// | | | V////// | /////////////////////////////////////// | | | |
| FB930 FB940 | FB16 S1 - Rebar Fixing Bottom Section | | | | | | | | | | |
| FB950 | FB16 S1 - Concreting FB16 S1 - Cure and Strip Footbridge FB16 | -//// | [][[][]][] | [[[[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | - | <u>V////////////////////////////////////</u> | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | |
| ABWF/MEP | | ///// | 1.[][[][]]] | FF | | | <u> </u> | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | <i>ŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢ</i> ŢŢ | | |
| FB1890 | FB16 S1 - Complete Remaining Facade Glazing and DoorsAround FB16 | V/// | /////////////////////////////////////// | /////////////////////////////////////// | 1 | | | | /////////////////////////////////////// | | |
| FB1900 | FB16 S1 - Install Balustrade and complete finishes | X/// | /////////////////////////////////////// | /////////////////////////////////////// | 1 | | V////// | /////////// | | | |
| FB2230 | FB16 S1 - Complete Remaining Facade Glazing and Automatic Doors Under FB16 | //// | [[[[[[]]]]] | [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[| | | (///// | /////////// | | | |
| FB2240 | FB16 S1 - Install Balustrade and complete finishes Under FB16 PTI Abutment | <u> </u> | f.;f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f | ┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┝ | <u>}</u> | | ¥-f-f-f-f-f-f-f- | ſĸſĸſĸſĸſĸſĸſĸ | <i>ŀſſſſ</i> ĬſſſſſſĬſĬŢ <mark>X</mark> | | |
| FB1280 | FB16 S2 - Falsework Erection | //// | | /////////////////////////////////////// | 11 | | <u> </u> | <u>[</u> | | | |
| FB1280 | FB16 S2 - Formwork Erection | -//// | /////////////////////////////////////// | /////////////////////////////////////// | 1 | | V////72 | | | | |
| FB1300 | FB16 S2 - Rebar Fixing Bottom Section | -//// | | /////////////////////////////////////// | 1 | | | | | | |
| FB1310 | FB16 S2 - Concreting | | | | <u>] </u> | | | | | | |
| FB1320 | FB16 S2 - Cure and Strip Footbridge FB16 | _//// | | | | | | [[[[[]]]]] | | | |
| FB1880 FB2070 | FB16 S2 - Install Balustrade and complete finishes FB16 S2 - Bearing Installation (4 No) | -//// | | | | | | | | | |
| FB2080 | FB16 S2 - Internal Steel Void Formwork Installation | -//// | | /////////////////////////////////////// | 1 | | | | | | |
| FB2090 | FB16 S2 - Rebar Fixing Top Section | -//// | | /////////////////////////////////////// | 1 1 | | | | /////////////////////////////////////// | | |
| FB2100 | FB16 S2 - Install Cast In Items | 1//// | 1//////// | [[[[[[[[[[[[[]]]]]]]]]]]]]]]]]]]]]]]]]] | | | 1////// | /////////////////////////////////////// | /////////////////////////////////////// | | |
| PCB-03-2890 | FB16 S2 - Complete at Grade works under bridge footprint | | [][[][]] | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | (///// | [[[[]]]]]] | | | |
| Footbridge FE | | | []]]/////// | []]]][][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | 1 | | (////// | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | |
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| Traffic Gantry 1 | | Au | <u>,</u> | | Se | • • | 1////// | Oct | /////////////////////////////////////// |
| A22980 | FB15 S1 - Gantry Removal | | | | | | | | |
| Traffic Gantry 2 | | | /////////////////////////////////////// | | | | | | |
| A23130 | FB15 S1 - Gantry Removal | | /////////////////////////////////////// | \square | | | | | |
| RC Works FB1130 | Construct Double Slab under Footbridge FB15 | | └╍ <u></u> ┟╍ _┝ ┥╌┝╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍ | <i>(</i> | | | | | |
| FB1140 | Cure and Strip Double Slab under Footbridge FB15 | \////////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| FB1950 | FB15 S1 - Bearing Installation (4 No) | \////////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| FB1960 FB1970 | FB15 S1 - Internal Steel Void Formwork Installation FB15 S1 - Rebar Fixing Top Section | ×///////////////////////////////////// | /////////////////////////////////////// | $\langle \Lambda \rangle$ | | | | | |
| FB1980 | FB15 S1 - Install Cast In Items | <i><u> </u></i> | /////////////////////////////////////// | | | | | /////////////////////////////////////// | /////////////////////////////////////// |
| FB860 | FB15 S1 - Formwork Erection | \////////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| FB870 | FB15 S1 - Rebar Fixing Bottom Section | | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| FB880 FB890 | FB15 S1 - Concreting FB15 S1 - Cure and Strip Footbridge FB15 | ×///////////////////////////////////// | /////////////////////////////////////// | $\langle \Lambda \rangle$ | | • | | | |
| ABWF/MEP | PB15 51 - Gure and Sulp Folloninge FB15 | | /////////////////////////////////////// | | | | | /////////////////////////////////////// | /////////////////////////////////////// |
| FB1750 | FB15 S1 - Complete Remaining Facade Glazing and Doors Around FB15 | | /////////////////////////////////////// | | | | | <u> </u> | |
| FB1760 | FB15 S1 - Install Balustrade and complete finishes | | /////////////////////////////////////// | | | | | ////////// / | |
| FB2250 FB2260 | FB15 S1 - Complete Remaining Facade Glazing and Automatic Doors Under FB15 | | | | | | | | |
| Stage 2 - P1 to F | FB15 S1 - Install Balustrade and complete finishes Under FB15 | <i>₹</i> | ſ <u>ſ</u> ſſ <i>Ĭſſſſſſ</i> ſſ | | | | | | <i>{ </i> |
| FB1400 | FB15 S2 - Falsework Erection | | /////////////////////////////////////// | | | | | <u> </u> /;/ / / | |
| FB1410 | FB15 S2 - Formwork Erection | | /////////////////////////////////////// | | | | V////// | | |
| FB1420 | FB15 S2 - Rebar Fixing Bottom Section | | | | | | | | |
| FB1430 FB1440 | FB15 S2 - Concreting FB15 S2 - Cure and Strip Footbridge FB15 | | | [| | | | | |
| FB1770 | FB15 S2 - Install Balustrade and complete finishes | -////////////////////////////////////// | /////////////////////////////////////// | | | | | | !! !! |
| FB2110 | FB15 S2 - Bearing Installation (4 No) | | /////////////////////////////////////// | | | | | | / !//////// |
| FB2120 | FB15 S2 - Internal Steel Void Formwork Installation | | /////////////////////////////////////// | | | | | | ////////////////////////////////////// |
| FB2130 FB2140 | FB15 S2 - Rebar Fixing Top Section FB15 S2 - Install Cast In Items | <u></u> | ·///////////// | | | | | | |
| PCB-03-3150 | FB15 S2 - Complete at Grade works under bridge footprint | | /////////////////////////////////////// | | | | | | |
| Footbridge FB | 314 | | /////////////////////////////////////// | $\langle \Lambda \rangle$ | | | | | |
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| Stage 1 - PCB to | | | /////////////////////////////////////// | | | | | | |
| Traffic Gantry 1 | | | .f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f.,f., | <i>F</i> - <u>A</u> | | | | | |
| A23020 | FB14 S1 - Megashore Installation | | /////////////////////////////////////// | | | | | | |
| A23030 | FB14 S1 - Gantry Removal | | | | | | | | //// :/ ////// |
| A23040 A23050 | FB14 S1 - Working Platform for I Beam Platform FB14 S1 - I Beam Platform Erection | _////////////////////////////////////// | /////////////////////////////////////// | | _ | | | | |
| A23050 | FB14 S1 - T Beam Platform FB14 S1 - Removal of Working Platform | | //////////// | <i></i> | : | | | <u>.</u> | [][] |
| Traffic Gantry 2 | | | /////////////////////////////////////// | | _ | | | | |
| A23170 | FB14 S1 - Megashore Installation | | | | • | | | | [[[]]]] |
| A23180 | FB14 S1 - Gantry Removal | V///////////////////////////////////// | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| A23190 A23200 | FB14 S1 - Working Platform for I Beam Platform FB14 S1 - I Beam Platform Erection | ╶┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍┟╍ | //////////// | // | | | | | ////i/////// |
| A23210 | FB14 S1 - Removal of Working Platform | | [////////////////////////////////////// | | _ | | | | |
| RC Works | | | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| FB1150 | Construct Double Slab under Footbridge FB14 | /////////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| FB1160 FB1990 | Cure and Strip Double Slab under Footbridge FB14 FB14 S1 - Bearing Installation (4 No) | | | <i>[</i> | | | | | |
| FB2000 | FB14 S1 - Internal Steel Void Formwork Installation | | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| FB2010 | FB14 S1 - Rebar Fixing Top Section | | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| FB2020 | FB14 S1 - Install Cast In Items | | /////////////////////////////////////// | | | | | | |
| FB780 FB790 | FB14 S1 - Prepare Ground FB14 S1 - Falsework Erection | | | / | | | | | /////////////////////////////////////// |
| FB800 | FB14 S1 - Formwork Erection | | /////////////////////////////////////// | | | | | | /////////////////////////////////////// |
| FB810 | FB14 S1 - Rebar Fixing Bottom Section | /////////////////////////////////////// | /////////////////////////////////////// | | | | | |] |
| FB820 | FB14 S1 - Concreting | X///////////////////////////////////// | | | | | | | <u> </u> |
| FB830 | FB14 S1 - Cure and Strip Footbridge FB14 | | └ <u>┥</u> ┥┥ <u>┝</u> ┥┥┥┥┊ | <i></i> | | | | | <u> </u> |
| FB1790 | FB14 S1 - Install Balustrade and complete finishes | | | | | | | | |
| FB1800 | FB14 S1 - Complete Remaining Facade Glazing and DoorsAround FB14 | \///////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| FB2270 | FB14 S1 - Complete Remaining Facade Glazing and Automatic Doors Under FB14 | | | | | | | | |
| FB2280 | FB14 S1 - Install Balustrade and complete finishes Under FB14 | <u> </u> | /////////////////////////////////////// | <i></i> | | | <i>\</i> | /////////////////////////////////////// | /////////////////////////////////////// |
| Stage 2 - P1 to F FB1520 | FB14 S2 - Falsework Erection | | /////////////////////////////////////// | | | | | | //// <u>/////////////////////////////////</u> |
| FB1520 | FB14 S2 - Formwork Erection | V///////////////////////////////////// | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | V////// | [[[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | ////////////////////////////////////// |
| FB1540 | FB14 S2 - Rebar Fixing | X///////////////////////////////////// | [[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | $\langle \rangle$ | | | 1///// | /////////////////////////////////////// | /////////////////////////////////////// |
| FB1550 | FB14 S2 - Concreting | <u> </u> | | <i>[</i> | | | | [| [.j.j.j.j.j.j.j.].]. |
| FB1560 FB1860 | FB14 S2 - Cure and Strip Footbridge FB14 FB14 S2 - Install Balustrade and complete finishes | -////////////////////////////////////// | | | | | | | /////////////////////////////////////// |
| FB2150 | FB14 S2 - Bearing Installation (4 No) | | /////////////////////////////////////// | | | | | | |
| FB2160 | FB14 S2 - Internal Steel Void Formwork Installation | | /////////////////////////////////////// | | | | | | |
| FB2170 FB2180 | FB14 S2 - Rebar Fixing Top Section FB14 S2 - Install Cast In Items | <u> </u> | | . <u></u> | | | | | . |
| PCB-03-3890 | FB14 S2 - Complete at Grade works under bridge footprint | -////////////////////////////////////// | /////////////////////////////////////// | | | | | | |
| Footbridge FB | | | /////////////////////////////////////// | | | | | | |
| North Footbridg | | | | | | | | | |
| Stage 1 - PCB to | | | /////////////////////////////////////// | \square | | | | | [] |
| Traffic Gantry 1 | | | | | | | | | :, |
| A23070 | FB13 S1 - Megashore Installation | | | | | | | | |
| A23080 | FB13 S1 - Gantry Removal | X///////////////////////////////////// | [[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | | | | ////// | | /////////////////////////////////////// |
| A23090 | FB13 S1 - Working Platform for I Beam Platform | \////////////////////////////////////// | | | • | | | [[[[[]]]]] | |
| A23100 A23110 | FB13 S1 - I Beam Platform Erection FB13 S1 - Removal of Working Platform | \fffffffffffff. | ſ. | / | | | | <u></u> | [|
| Traffic Gantry 2 | | X///////////////////////////////////// | [[[]][[]][]][]][][]][][]][][][][]][][][] | $\langle A \rangle$ | | | V///// | /////////////////////////////////////// | /////////////////////////////////////// |
| | | | | | · · · · · · · · · · · · · · · · · · · | · · · | | | |
| Actu | al Work | | | | | | | Date | Rev |
| | | | Thre | e M | onth Rollina | Programme | | | |
| Rem | naining Work | | | | | | | | |
| | cal Remaining Work | | HKM | ZB HK | BCF - Passenger | Clearance Building | | | |
| | | | | | | | | | |
| Miles | stone | | | | Page 25 of 2 | 1 | | | |
| | | | 1 | | | | | | |



| ACTIVITY ID | Activity Name | Aun 201 | 7 | Oct | |
|------------------------------|--|--|--|---|---|
| A23220 | FB13 S1 - Megashore Installation | | 1////////////////////////////////////// | 7/////// | ///// |
| A23230 A23240 | FB13 S1 - Gantry Removal FB13 S1 - Working Platform for I Beam Platform | | \///////////////////////////////////// | //////// | |
| A23240 A23250 | FB13 S1 - Working Plauorm for Elbeam Plauorm FB13 S1 - I Beam Platform Erection | | | ! | .////// |
| A23260 | FB13 S1 - Removal of Working Platform | | | | |
| RC Works | | | | [[[[]]]] | |
| FB1170 | Construct Double Slab under Footbridge FB13 | | | //////// | |
| FB1180 FB2030 | Cure and Strip Double Slab under Footbridge FB13 FB13 S1 - Bearing Installation (4 No) | | | ·/-/-/-/-/-/-/-/-/-/-/-/-/-/-/-/-/-/-/- | ////// |
| FB2040 | FB13 S1 - Internal Steel Void Formwork Installation | | | /////// | |
| FB2050 | FB13 S1 - Rebar Fixing Top Section | | | //////// | |
| FB2060 FB720 | FB13 S1 - Install Cast In Items FB13 S1 - Prepare Ground | | V///////////////////////////////////// | | |
| FB730 | FB13 S1 - Falsework Erection | | | | |
| FB740 | FB13 S1 - Formwork Erection | | | | |
| FB750 FB760 | FB13 S1 - Rebar Fixing Bottom Section FB13 S1 - Concreting | | <u>V////////////////////////////////////</u> | /////////////////////////////////////// | |
| FB770 | FB13 S1 - Cure and Strip Footbridge FB13 | | \//////////////////// | /////////////////////////////////////// | <u> </u> |
| ABWF/MEP | | | | //////// | ///// |
| FB1810 | FB13 S1 - Complete Remaining Facade Glazing and Doors Around FB13 | | \///////////////////////////////////// | /////////////////////////////////////// | |
| FB1820 FB2290 | FB13 S1 - Install Balustrade and complete finishes FB13 S1 - Complete Remaining Facade Glazing and Automatic Doors Under FB13 | | | | |
| FB2300 | FB13 S1 - Install Balustrade and complete finishes Under FB13 | | | [[[[[]]]]] | |
| - | PTIAbutment | | | /////////////////////////////////////// | |
| FB1640 | FB13 S2 - Falsework Erection | | | | |
| FB1650 FB1660 | FB13 S2 - Formwork Erection FB13 S2 - Rebar Fixing | | X///////////////////////////////////// | [[[[[]]]]] | |
| FB1670 | FB13 S2 - Concreting | | | | |
| FB1680 | FB13 S2 - Cure and Strip Footbridge FB13 | | | | |
| FB2190 FB2200 | FB13 S2 - Bearing Installation (4 No) FB13 S2 - Internal Steel Void Formwork Installation | | | [[[[]]]] | [[[[]]] |
| FB2210 | FB13 S2 - Rebar Fixing Top Section | | \///////////////////////////////////// | ////////////////////////////////////// | ////// |
| FB2220 | FB13 S2 - Install Cast In Items | | | /////////////////////////////////////// | |
| _Seawater Pu | mphouse | | | [[[[]]]] | |
| ABWF & BS | / MEP / E&M Works | | \///////////////////////////////////// | //////// | ////// |
| Basement Lev | rel | | | | |
| PCB-13A-700 | SWP - Building Services Installation in Basement (Incl FS) | | | []]]]], | [[[[]]] |
| Ground Floor PCB-13A-530 | SWP - Building Services Installation in Ground Floor | | | | . |
| External | Ovvi - Duiluing Osivices matalation in Oroditu i bor | | | [[[[[]]]]] | |
| PCB-13A-200 | Completion of Section III - Seawater pumping station | | | //////// | |
| PCB-13A-610 | SWP - Installation of Louvers and Metalworks in Ground Floor | | | | |
| PCB-13A-690 PCB-13A-710 | SWP - Roof Waterproofing, Screeding, Insulation board , Tiling SWP - External Render/Tiling to Pump House | | · · /·· /···/·· | [| |
| Installation W | | | | | ///// |
| | orks at Basement | | | | [[[[]]] |
| A21540 | SWP - Installation of Pipe Supports | | | ///////// | |
| A21550 A21560 | SWP - Installation of SW Pipes and Fittings | | <i>\</i> | | |
| A21570 | SWP - Hydraulic Testing of SW Pipes SWP - Installation of Pumps | | | [[[[]]]]] | |
| A21580 | SWP - Installation of Platform | | | //////// | |
| A21590 A21600 | SWP - Installation of Motors SWP - Installation of ABS | | | | |
| A21610 | SWP - Installation of TBS Backwash Pipes | | <i>\f_f_f_f_f_f_f_f_f_f_f_f_f</i> | [[[]]] | ///// |
| A21620 | SWP - Installation of ABS Backwash pipes | | \///////////////////////////////////// | /////////////////////////////////////// | |
| A21630 A21650 | SWP - Installation of dosing pipes and H2 Pipes SWP - Installation of Electrochlorinator | | | | |
| | orks at Wetwell 1 | | | [[[[]]]]. | ///// |
| A21670 | SWP - Installation of Penstock | | | /////////////////////////////////////// | ////// |
| A21680 | SWP - Installation of TBS orks at Wetwell 2 | | | [[[[]]]]] | |
| A21710 | SWP - Installation of Penstock | | | | ////// |
| A21720 | SWP - Installation of TBS | | V///////////////////////////////////// | | |
| Electrical Wor | | | | [[[[[]]]]] | [[[[]]]] |
| A21690 A21700 | SWP - LV Switchboard SWP - Cable Trays and Trunking | | | /////////////////////////////////////// | |
| A21730 | SWP - VSD and PHF | | <i>\////////////////////////////////////</i> | [[[[]]]] | |
| A21740 A21750 | SWP - Cabling SWP - Pumps | | ×/ | [| , |
| A21750 | SWP - Pumps SWP - TBS (Including Level Sensors) | | V///////////////////////////////////// | /////// | [[[[]]]] |
| A21770 | SWP - ABS | ////٪////////////////////////////////// | | []][[]]] | ///// |
| A21780 A21790 | SWP - Penstocks SWP - Biocide System | | | /////////////////////////////////////// | |
| A21800 | SWP - Electrochlorinator | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| A21810 | SWP - Cable Containment for cables from PCB to SWP | | | /////////////////////////////////////// | |
| | Commissioning | | | /////////////////////////////////////// | |
| Seawater Pun MEP-13A-1201 | SWP - Temporary Power for Commissioning for Seawater Pump | | | [[[[]]]] | [[[[]] |
| MEP-13A-1201 MEP-13A-1202 | SWP - remporary Power for Commissioning for Seawater Pump SWP - Pre-Commissioning Works for Seawater Pump/network | | | | |
| MEP-13A-1204 | SWP - Commissioning Works for Seawater Pump/network (Temp Power) | | | | |
| MEP-13A-1259 MEP-13A-1260 | SWP - Cable laying from PCB to Seawater Pumphouse SWP - Permanent Power for Commissioning for Seawater Pump available | | V///////////////////////////////////// | []]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | ////// |
| MEP-13A-1260 | SWP - Commissioning Works for Seawater Pump/network (Perm Power) | | <u> </u> | /////// | |
| Building T&C | | | | [[[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]] | [[[[]]] |
| MEP-13A-1203 MEP-13A-1250 | SWP - Commissioning Works (FS,MVAC & BS Rdy for FSD Inspection) SWP - Commissioning Works (Balance non FS related) | | V///////////////////////////////////// | /////// | ////// |
| MEF-13A-1200 | Commissioning more (caldide fiul FG FBBee) | | | /////// | ////// |
| Act | tual Work | Thurse Manth Delling Due and and | Date | | Re |
| | maining Work | Three Month Rolling Programme | | | |
| | - | | | | |
| Cri | tical Remaining Work | HKMZB HKBCF - Passenger Clearance Building | | + | |
| 🔶 🔶 Mil | estone | Page 26 of 27 | | + | |
| | | | | | |
| | | | | | |



| Activity ID | Activity Name | | |
|---------------|--|------|---|
| | | 2017 | |
| 0 | et Dedilderer | | |
| Generator S | et Building | | |
| ABWF | | | |
| PCB-07-1010 | Completion of Section VIII - Generator Set Building | | : |
| PCB-07-1030 | GSB - Installation of Steel Louvers and Frames | | |
| PCB-07-1070 | GSB - Install Mild Steel Doors | | |
| PCB-07-1080 | GSB - Install Stainless Steel Facade Greenery System | | |
| PCB-07-1090 | GSB - Internal Waterproofing Membrane and Painting | | |
| PCB-07-1100 | GSB - Screeding and Epoxy Floor Covering | | - |
| MEP | | | |
| GB1000 | GSB - General building plan approved | | |
| GB1070 | GSB - FSD(Vent)/FS Inspection - Genset Bdg | | |
| GB1110 | GSB - MEP Works | | |
| GB1120 | GSB - Installation of Gensets and terminations | | |
| GB1125 | GSB - Installation of Power cabling to LV Switchrooms | | |
| GB1130 | GSB - Generator Set Building Commissioning (temp power) | | |
| GB1140 | GSB - Generator Set Building Commissioning (Perm power) | | |
| GB1150 | GSB - Genset Full Test - Genset Bidg (No FS Genset) | | |
| GB1170 | GSB - Notification Period (GEN) | | |
| Statutory Sul | bmissions | | |
| GB1010 | GSB - Submission to EPD (Air) - Genset Bdg | | |
| GB1020 | GSB - EPD Issue Permit - Genset Bdg | | |
| GB1040 | GSB - FSD Submission and Approval - Genset Bdg | | |
| GB1050 | GSB - Genset Ready for DG Inspection - Genset Bdg | | |
| GB1060 | GSB - Notify FSD for DG Inspection - Genset Bdg | | |
| GB1080 | GSB - DG Licence Issued - Genset Bdg | | |
| GB1160 | GSB - Submission of Form 314 & 501 (FS) (by FS S/C and AP) (GEN) | | |

| | Actual Work |
|-----|-------------------------|
| | Remaining Work |
| | Critical Remaining Work |
| • • | Milestone |

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Three Month Rolling Programme HKMZB HKBCF - Passenger Clearance Building Page 27 of 27

| Date | Revision | Checked | Approved |
|------|----------|---------|----------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



APPENDIX D

Event and Action Plan

Event/Action Plan for Air Quality Monitoring

| EVENT | | ACTI | ON | | | |
|---|--|--|--|---|--|--|
| | ET | IEC | ER | CONTRACTOR | | |
| ACTION LEVEL 1. Exceedance | 1. Identify source, | 1. Check monitoring | 1. Notify Contractor. | 1 Pactify any | | |
| for one sample | Identify source, investigate the causes of exceedance and propose remedial measures; Inform IEC and ER; Repeat measurement to confirm finding; Increase monitoring frequency to daily. | Check monitoning data submitted by ET; Check Contractor's working method. | | Rectify any unacceptable practice; Amend working methods if appropriate. | | |
| 2. Exceedance for two or more consecutive samples | Identify source; Inform IEC and ER; Advise the ER on the effectiveness of the proposed remedial measures; Repeat measurement s to confirm findings; Increase monitoring frequency to daily; Discuss with IEC and Contractor on remedial actions required; If exceedance continues, arrange meeting with IEC and ER; If exceedance stops, cease additional monitoring. | Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ER on the effectiveness of the proposed remedial measures; Supervise Implementation of remedial measures. | Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. | Submit proposals for remedial to ER within 3 working days of notification; Implement the agreed proposals; Amend proposal if appropriate. | | |

| EVENT | ACTION | | | |
|---|--|--|---|--|
| | ET | IEC | ER | CONTRACTOR |
| LIMIT LEVEL | | | | |
| 1. Exceedance for one sample | Identify source, investigate the causes of exceedance and propose remedial measures; Inform ER, Contractor and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. | Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ER on the effectiveness of the proposed remedial measures; Supervise implementation of remedial measures. | Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. | Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Amend proposal if appropriate. |
| 2. Exceedance for two or more consecutive samples | Notify IEC, ER, Contractor and EPD; Identify source; Repeat measurement to confirm findings; Increase monitoring frequency to daily; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Arrange meeting with IEC and ER to discuss the remedial actions to be taken; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. | Discuss amongst ER, ET, and Contractoron the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; Supervise the implementation of remedial measures. | Confirm receipt of notification of failure in writing; Notify Contractor; In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented; Ensure remedial measures properly implemented; 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. | Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Resubmit proposals if problem still not under control; Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

Event / Action Plan for Construction Noise Monitoring

| EVENT | ACTION | | | |
|-------------|---|--|---|--|
| | ET | IEC | ER | CONTRACTOR |
| | Notify IEC and Contractor; Identify source, investigate the causes of exceedance and propose remedial measures; Report the results of investigation to the IEC, ER and Contractor; Discuss with the Contractor and formulate remedial measures; Increase monitoring frequency to check mitigation effectiveness. | | notification of failure in writing; 2. Notify Contractor; | Submit noise mitigation proposals to IEC; Implement noise mitigation proposals. |
| Limit Level | Inform IEC, ER, EPD and Contractor; Identify source; Repeat measurements to confirm findings; Increase monitoring frequency; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Inform IEC, ER and EPD the causes and actions taken for the exceedances; Assess effectiveness of Contractor's remedial actionsand keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. | Discuss amongst ER, ET, and Contractor on the potential remedial actions; Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; Supervise the implementation of remedial measures. | notification of failure in writing; Notify Contractor; Require Contractor to propose remedial measures for the analysed noise problem; Ensure remedial measures properly implemented; If exceedance continues, consider what portion of the work is responsible | Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Resubmit proposals if problem still not under control; Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

Event / Action Plan for Water Quality Monitoring

| EVENT | ACTION | | | |
|--|--|---|---|---|
| | ET | IEC | ER | CONTRACTOR |
| Action level being exceeded by one sampling day | Repeat in situ measurement to confirm findings; Identify source(s) of impact; Inform IEC, contractor and ER; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Repeat measurement on next day of exceedance to confirm findings. | Check monitoring data submitted by ET and Contractor's working methods; Discuss with ET and Contractor on possible remedial actions; Review the proposed mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | Confirm receipt of notification of non- compliance in writing; Discuss with IEC on the proposed mitigation measures; Make agreement on mitigation measures to be implemented; Ensure mitigation measures are properly implemented. | Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Discuss with ET and IEC on possible remedial actions and propose mitigation measures to IEC and ER; Implement the agreed mitigation measures. Amend working methods if appropriate. |
| Action level being exceeded by two or more consecutive sampling days | Repeat in situ measurement to confirm findings; Identify source(s) of impact; Inform IEC, Contractor and ER; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Action level; Repeat measurement on next day of exceedance to confirm findings. | Check monitoring data submitted by ET and Contractor's working method; Discuss with ET and Contractor on possible remedial actions; Review the proposed mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | Confirm receipt of notification of non- compliance in writing; Discuss with IEC on the proposed mitigation measures; Make agreement on mitigation measures to be implemented; Ensure mitigation measures are properly implemented; Assess the effectiveness of the implemented mitigation measures. | Inform the Engineer and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Discuss with ET and IEC on possible remedial actions and propose mitigation measures to IEC and ER within 3 working days of notification; Implement the agreed mitigation measures; Amend working methods if appropriate. |

| EVENT | ACTION | | | |
|--|---|--|--|---|
| | ET | IEC | ER | CONTRACTOR |
| Limit level being exceeded by one sampling day | Repeat <i>in-situ</i> measurement to confirm findings; Identify source(s) of impact; Inform IEC, Contractor, ER and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level. | Check monitoring data submitted by ET and Contractor's working method; Discuss with ET and Contractor on possible remedial actions; Review the proposed mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | proposed mitigation measures; 3. Request Contractor to critically review the working methods; 4. Ensure mitigation | Inform the ER and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment and consider changes of working methods; Submit proposal of mitigation measures to ER within 3 working days of notification and discuss with ET, IEC and ER; Implement the agreed mitigation measures; Amend working methods if appropriate. |
| Limit level being exceeded by two or more consecutive sampling days | Repeat <i>in-situ</i> measurement to confirm findings; Identify source(s) of impact; Inform IEC, contractor, ER and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days. | Contractor's mitigation measures whenever necessary | Confirm receipt of notification of failure in writing; Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented; Ensure mitigation measures are properly implemented; Assess the effectiveness of the implemented mitigation measures; Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level. | Check all plant and equipment and consider changes of working methods; Submit proposal of mitigation measures to ER within 3 working days of notification and discuss with ET, IEC and ER; Implement the agreed mitigation measures; Resubmit proposals of mitigation measures if problem still not under |

Event / Action Plan for Dolphin Monitoring

| EVENT | ACTION | | | |
|--------------|---|---|---|---|
| | ET | IEC | ER | CONTRACTOR |
| Action Level | Repeat statistical data analysis to confirm findings; Review all available and relevant data, including raw data and statistical analysis results of other parameters covered in the EM&A, to ascertain if differences are as a result of natural variation or previously observed seasonal differences; Identify source(s) of impact; Inform the IEC, ER/SOR and Contractor; Check monitoring data. Review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary. | Check monitoring data submitted by ET and Contractor; Discuss monitoring results and finding with the ET and the Contractor. | Discuss monitoring with the IEC and any other measures proposed by the ET; If ER/SOR is satisfied with the proposal of any other measures, ER/SOR to signify the agreement in writing on the measures to be implemented. | Inform the ER/SOR and confirm notification of the non-compliance in writing; Discuss with the ET and the IEC and propose measures to the IEC and the ER/SOR; Implement the agreed measures. |

| EVENT | | ACT | ION | |
|-------------|--|--|--|---|
| | ET | IEC | ER | CONTRACTOR |
| Limit Level | Repeat statistical data analysis to confirm findings; Review all available and relevant data, including raw data and statistical analysis results of other parameters covered in the EM&A, to ascertain if differences are as a result of natural variation or previously observed seasonal differences; Identify source(s) of impact; Inform the IEC, ER/SOR and Contractor of findings; Check monitoring data; Repeat review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary. If ET proves that the source of impact is caused by any of the construction activity by the works contract, ET to arrange a meeting to discuss with IEC, ER/SOR and Contractor the necessity of additional dolphin monitoring and/or any other potential mitigation measures (e.g., consider to modify the perimeter silt curtain or consider to control/temporarily stop relevant construction activity etc.) and submit to IEC a proposal of additional dolphin monitoring and/or mitigation measures where necessary. | Contractor the necessity of additional dolphin monitoring and any other potential mitigation measures. 4. Review proposals for additional monitoring and any other mitigation measures submitted by ET and Contractor and advise ER/SOR of the results and findings accordingly. 5. Supervise / Audit the implementation of additional monitoring and/or any other mitigation measures and advise ER/SOR the results and findings accordingly. | additional dolphin monitoring and/or any other mitigation measures submitted by ET and Contractor and verified by IEC, ER/SOR to signify the agreement in writing on such | Inform the ER/SOR and confirm notification of the non-compliance in writing; Attend the meeting to discuss with ET, IEC and ER/SOR the necessity of additional dolphin monitoring and any other potential mitigation measures. Jointly submit with ET to IEC a proposal of additional dolphin monitoring and/or any other mitigation measures when necessary. Implement the agreed additional dolphin monitoring and/or any other mitigation measures. |



APPENDIX E

Waste Flow Table

Name of Department: Highways Department

Contract No.: HY/2013/01

Monthly Summary Waste Flow Table for 2017

| Z LEIGHTON | ₩ 後和 CHUN WO |
|------------------------|-----------------|
| Leighton - Chun Wo Joi | nt Venture |

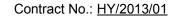
| | Actua | al Quantities | of Inert C&D | Materials G | enerated Mo | onthly | Actual Quantities of C&D Wastes Generated Monthly | | | | | |
|-----------|--|--|---------------------------------|--------------------------------------|--|--------------------------|---|--|---|----------------------|---|--|
| Month | a.Total Quantity Generated (see Note 8) | b. Hard Rock and Large Broken Concrete (see Note 9) | c. Reused in the Contract | d. Reused in Other Projects | e. Disposed as Public Fill (see Note 10) | f. Imported Fill | g. Metals (see Note 5) | h. Paper / Cardboard Packaging (see Note 5) | i. Plastics (see Note 3) (see Note 5) | j. Chemical Waste | k. Others, e.g. general refuse | |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) | |
| January | 0.046 | 0.046 | 0.000 | 0.000 | 0.046 | 0.000 | 55.920 | 1.564 | 0.000 | 0.000 | 0.707 | |
| February | 0.364 | 0.364 | 0.000 | 0.000 | 0.364 | 0.000 | 56.790 | 1.785 | 0.000 | 0.000 | 0.625 | |
| March | 0.957 | 0.957 | 0.000 | 0.000 | 0.957 | 3.152 | 85.350 | 1.477 | 0.000 | 0.000 | 0.813 | |
| April | 0.487 | 0.487 | 0.000 | 0.000 | 0.487 | 30.030 | 144.450 | 1.412 | 0.000 | 0.090 | 0.709 | |
| May | 1.807 | 1.807 | 0.000 | 0.000 | 1.807 | 0.000 | 46.300 | 0.000 | 0.000 | 0.000 | 0.737 | |
| June | 3.140 | 3.140 | 0.000 | 0.000 | 3.140 | 0.000 | 117.810 | 0.000 | 0.000 | 0.000 | 0.595 | |
| Sub-total | 6.801 | 6.801 | 0.000 | 0.000 | 6.801 | 33.182 | 506.620 | 6.238 | 0.000 | 0.090 | 4.186 | |
| July | 1.780 | 1.780 | 0.000 | 0.000 | 1.780 | 0.000 | 177.660 | 2.856 | 0.000 | 0.800 | 0.664 | |
| August | 1.190 | 1.190 | 0.000 | 0.000 | 1.190 | 0.000 | 21.140 | 1.168 | 0.000 | 0.000 | 0.740 | |
| September | | | | | | | | | | | | |
| October | | | | | | | | | | | | |
| November | | | | | | | | | | | | |
| December | | | | | | | | | | | | |
| Total | 9.771 | 9.771 | 0.000 | 0.000 | 9.771 | 33.182 | 705.420 | 10.262 | 0.000 | 0.890 | 5.590 | |

Total C&D waste generated = a+b+f+g+h+i+j+k

Total C&D waste generated (excluded excavated material) = g+h+i+j+k

Total C&D waste recycled = c+d+g+h+i

% of recycled C&D waste = (Total C&D waste generated - Total C&D waste recycled) / Total C&D waste generated Monthly Summary Waste Flow Table for 2017 page 1





- Notes: (1) The performance target are given in PS Clause 6(14)
 - (2) The waste flow table shall also include C&D materials that are not specified in the Contract to be imported for use at the Site
 - (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
 - (4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m3.
 - (5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for recycling.
 - (6) Conversion factors for reporting purpose:
 - in-situ: rock = 2.5 tonnes/ m^3 ; soil = 2.0 tonnes/ m^3
 - excavated: rock = 2.0 tonnes/m³; soil = 1.8 tonnes/m³; broken concrete and bitumen = 2.4 tonnes/m³
 - C&D Waste = 0.9 tonnes/m³; bentonite slurry = 2.8 tonnes/m³
 - Diesel density: 0.8kg/l
 - (7) Numbers are rounded off to the nearest three decimal places
 - (8) The "Total Quantity Generated" equals to the sum of "Reuse in the Contract", "Reuse in Other Projects" and "Disposed as Public Fill"
 - (9) The "Hard Rock and Large Broken Concrete" were disposed as public fill
 - (10) The amount in "Disposed as Public Fill" included the "Hard Rock and Large Broken Concrete" disposed as public fill

Monthly Summary Waste Flow Table for 2017



APPENDIX F

Environmental Licenses and Permits



Environmental License/ Permits /Notification Register

| | | | | - | | | Date : August | 2017 | |
|-------------|--|-------------|-----------------------------|--|--|---------------------|---------------|----------------|--------------------------------|
| ltem No. | Permit/License or Registration Application Work Date Reference | | | | Permit/License/ Registration Number | Issue/Start Date | Expiry Date | Issuing Office | Remark |
| | Area | Date | Reference | Description | | | | | |
| 1. | All Areas | 29 Jul 2013 | N/A | Environmental Permit for Hong Kong-Zhuhai- Macao Bridge Hong Kong Boundary Crossing Facilities | EP-353/2009/G | 6 Aug 2013 | N/A | EPD | Superseded by EP-353/2009/H |
| 2. | All Areas | 16 Jan 2015 | N/A | Environmental Permit for Hong Kong-Zhuhai- Macao Bridge Hong Kong Boundary Crossing Facilities | EP-353/2009/H | 19 Jan 2015 | N/A | EPD | Superseded by EP-353/2009/I |
| 3. | All Areas | 30 Jun 2015 | N/A | Environmental Permit for Hong Kong-Zhuhai- Macao Bridge Hong Kong Boundary Crossing Facilities | EP-353/2009/I | 17 Jul 2015 | N/A | EPD | Superseded by EP-353/2009/J |
| 4. | All Areas | 18 Feb 2016 | N/A | Environmental Permit for Hong Kong-Zhuhai- Macao Bridge Hong Kong Boundary Crossing Facilities | EP-353/2009/J | 25 Feb 2016 | N/A | EPD | Superseded by EP-353/2009/K |
| 5. | All Areas | 24 Mar 2016 | N/A | Environmental Permit for Hong Kong-Zhuhai- Macao Bridge Hong Kong Boundary Crossing Facilities | EP-353/2009/K | 11 Apr 2016 | N/A | EPD | - |
| 6. | All Areas | 29 Apr 2014 | H2620-LTR-EPD- AU-000006 | Billing Account for disposal of construction waste | Billing Account No.: 7019944 | 16 May 2014 | N/A | EPD | - |



Environmental License/ Permits /Notification Register

| | | | | | | | Date : August | 2017 | |
|-------------|--|-------------|-----------------------------|---|--|---------------------|---------------|----------------|-------------------------------|
| ltem No. | Permit/License or Registration Application Work Date Reference | | | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | Issue/Start Date | Expiry Date | Issuing Office | Remark |
| | Area | Dute | Reference | Description | | | | | |
| 7. | РСВ | 30 Apr 2014 | H2620-LTR- EPD- 000002 | <u>Notification</u> that notifiable works are anticipated to commence (Form NA). | Acknowledge Receipt Ref. No. 373961 | 5 May 2014 | N/A | EPD | - |
| 8. | WA2 | 30 Apr 2014 | H2620-LTR- EPD- 000003 | Notification that notifiable works are anticipated to commence (Form NA). | Acknowledge Receipt Ref. No. 373956 | 5 May 2014 | N/A | EPD | - |
| 9. | WA3 | 30 Apr 2014 | H2620-LTR-EPD- AU-000001 | Notification that notifiable works are anticipated to commence (Form NA). | Acknowledge Receipt Ref. No. 373962 | 5 May 2014 | N/A | EPD | - |
| 10. | РСВ | 30 May 2014 | H2620-LTR-EPD- AU-000020 | Registration as Chemical Waste Producer for disposal of spent batteries, used lubrication oil and surplus paint at PCB area | WPN: 5213-951-L2846-01 | 8 Jul 2014 | N/A | EPD | - |
| 11. | PCB | 23 Jun 2014 | In H2620-LTR- EPD-000017 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0683-14 | 3 Jul 2014 | 29 Dec 2014 | EPD | Superseded by GW-RS0908-14 |



Environmental License/ Permits /Notification Register

| | | | | | | | Date : August | 2017 | |
|-------------|---------------------|----------------------------------|-------------------------------------|---|--|---------------------|---------------|----------------|-------------------------------|
| ltem No. | Per Work Area | mit/License o Applica Date | r Registration tion Reference | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | lssue/Start Date | Expiry Date | Issuing Office | Remark |
| 12. | WA2 | 2 Jul 2014 | H2620-LTR-LCJ- AU-000280 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out ER Office construction works from 19:00 to 23:00. (Non-designated area) | GW-RS0715-14 | 17 Jul 2014 | 15 Jan 2015 | EPD | Superseded by GW-RS1034-14 |
| 13. | WA3 | 2 Jul 2014 | H2620-LTR-LCJ- AU-000324 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out construction of JV site office from 19:00 to 23:00. (Non-designated) | GW-RS0716-14 | 17 Jul 2014 | 15 Jan 2015 | EPD | Expired |
| 14. | PCB | 23 Jun 2014 | H2620-LTR- EPD- 000527 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0908-14 | 3 Sep 2014 | 22 Dec 2014 | EPD | Superseded by GW-RS1044-14 |
| 15. | PCB | 29 Sep 2014 | H2620-LTR-EPD- AU-000034 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS1044-14 | 29 Sep 2014 | 24 Dec 2014 | EPD | Superseded by GW-RS1300-14 |



Environmental License/ Permits /Notification Register

| | | | | | | | Date : August | 2017 | |
|-------------|---------------------|----------------------------------|-------------------------------------|---|--|---------------------|---------------|----------------|---|
| ltem No. | Per Work Area | mit/License o Applica Date | r Registration tion Reference | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | Issue/Start Date | Expiry Date | Issuing Office | Remark |
| 16. | WA2 | 12 Sep 2014 | H2620-LTR-EPD- AU-000032 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out ER Office construction works from 19:00 to 23:00. (Non-designated area) | GW-RS1034-14 | 29 Sep 2014 | 28 Mar 2015 | EPD | Expired |
| 17. | WA4 | 17 Oct 2014 | H2620-LTR-EPD- AU-000036 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0814-14 | 20 Oct 2014 | 19 Apr 2015 | EPD | Expired and replaced by GW- RW0171-15 |
| 18. | PCB | 3 Nov 2014 | H2620-LTR-EPD- AU-000040 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS1300-14 | 17 Nov 2014 | 16 Feb 2015 | EPD | Superseded by GW-RS0087-15 |
| 19. | PCB | 12 Jan 2015 | H2620-LTR-EPD- AU-000046 | CNP for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0087-15 | 26 Jan 2015 | 25 Apr 2015 | EPD | Superseded by GW-RS0308-15 |



Environmental License/ Permits /Notification Register

| | | | | | | | Date : August | 2017 | |
|-------------|--|-------------|-----------------------------|---|--|---------------------|---------------|----------------|-------------------------------|
| ltem No. | Permit/License or Registration Application Work Date Reference | | | Registration Registration Numb | Permit/License/ Registration Number | Issue/Start Date | Expiry Date | Issuing Office | Remark |
| | Area | Date | Reference | Description | | | | | |
| 20. | PCB | 12 Mar 2015 | H2620-LTR-EPD- AU-000051 | CNP for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0308-15 | 26 Mar 2015 | 25 Jun 2015 | EPD | Superseded by GW-RS0476-15 |
| 21. | PCB | 31 Jul 2014 | H2620-LTR-EPD- AU-000038 | Water Discharge License for construction works on PCB island | WT00020335-2014 | 13 Nov 2014 | 30 Nov 2019 | EPD | - |
| 22. | WA4 | 27 Mar 2015 | H2620-LTR-EPD- AU-000054 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0171-15 | 20 Apr 2015 | 19 Oct 2015 | EPD | Superseded by GW-RW0351-15 |
| 23. | PCB | 15 Apr 2015 | H2620-LTR-EPD- AU-000057 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0476-15 | 1 May 2015 | 31 Jul 2015 | EPD | Superseded by GW-RS0685-15 |



Environmental License/ Permits /Notification Register

| | - | | | | | | Date : August | 2017 | |
|-------------|---------------------|----------------------------------|-------------------------------------|---|--|---------------------|---------------|----------------|--|
| ltem No. | Per Work Area | mit/License o Applica Date | r Registration tion Reference | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | lssue/Start Date | Expiry Date | Issuing Office | Remark |
| 24. | PCB | 9 Jun 2015 | H2620-LTR-EPD- AU-000063 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0685-15 | 1 Jul 2015 | 30 Sep 2015 | EPD | Superseded by GW-RS0877-15 |
| 25. | WA4 | 29 Jun 2015 | H2620-LTR-EPD- AU-000066 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0351-15 | 17 Jul 2015 | 12 Jan 2016 | EPD | Expired. Replaced by GW- RW0003-16 |
| 26. | PCB | 27 Jul 2015 | H2620-LTR-EPD- AU-000069 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS0877-15 | 10 Aug 2015 | 09 Nov 2015 | EPD | Superseded by GW-RS1016-15 |
| 27. | PCB | 2 Sep 2015 | H2620-LTR-EPD- AU-000072 | CNP for the use of powered mechanical equipment for the purpose of carry out pre- drill and bore piling works from 19:00 to 23:00 and 23:00 to 07:00. (Non- designated area) | GW-RS1016-15 | 18 Sep 2015 | 17 Dec 2015 | EPD | Superseded by GW-RS1195-15 |



Environmental License/ Permits /Notification Register

| | - | | | | | | Date : August | 2017 | |
|-------------|--|-------------|-----------------------------|--|--|---------------------|---------------|----------------|-------------------------------|
| ltem No. | Permit/License or Registration ApplicationWork AreaDateReference | | | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | lssue/Start Date | Expiry Date | Issuing Office | Remark |
| 28. | РСВ | 22 Oct 2015 | H2620-LTR-EPD- AU-000075 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS1195-15 | 9 Nov 2015 | 8 Feb 2016 | EPD | Superseded by GW-RS1444-15 |
| 29. | РСВ | 17 Dec 2015 | H2620-LTR-EPD- AU-000076 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS1444-15 | 31 Dec 2015 | 30 Mar 2016 | EPD | Superseded by GW-RS0191-16 |
| 30. | WA4 | 24 Dec 2015 | H2620-LTR-EPD- AU-000080 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0003-16 | 13 Jan 2016 | 6 Jul 2016 | EPD | Superseded by GW-RW0394-16 |
| 31. | РСВ | 17 Feb 2016 | H2620-LTR-EPD- AU-000083 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS0191-16 | 3 Mar 2016 | 2 Jun 2016 | EPD | Superseded by GW-RS0543-16 |



Environmental License/ Permits /Notification Register

Contract No. HY/2013/01 – Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Passenger Clearance Building

| Date : August 2017 | | | | | | | | | |
|--------------------|---------------------|-----------------------------------|-------------------------------------|--|--|---------------------|-------------|----------------|-------------------------------|
| ltem No. | Per Work Area | mit/License or Applica Date | r Registration tion Reference | Permit/License/ Notification/ Registration Description | Permit/License/ Registration Number | lssue/Start Date | Expiry Date | Issuing Office | Remark |
| 32. | PCB | 18 May 2016 | H2620-LTR-EPD- AU-000086 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS0543-16 | 2 Jun 2016 | 1 Sep 2016 | EPD | Superseded by GW-RS0879-16 |
| 33. | WA4 | 20 Jun 2016 | H2620-LTR-EPD- AU-000089 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0394-16 | 7 Jul 2016 | 6 Jan 2017 | EPD | Superseded by GW-RW0742-16 |
| 34. | PCB | 09 Aug 2016 | H2620-LTR-EPD- AU-000092 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS0879-16 | 23 Aug 2016 | 22 Dec 2016 | EPD | Superseded by GW-RS1193-16 |
| 35. | PCB | 16 Nov 2016 | H2620-LTR-EPD- AU-000094 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS1193-16 | 30 Nov 2016 | 29 May 2017 | EPD | Superseded by GW-RS0005-17 |
| 36. | WA4 | 17 Dec 2016 | H2620-LTR-EPD- AU-000100 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0742-16 | 7 Jan 2017 | 6 Jul 2017 | EPD | Superseded by GW-RW0341-17 |

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| | | | | | | | Date : August | 2017 | |
|-------------|--|-----------|-----------------------------|---|---|---------------------|---------------|----------------|-------------------------------|
| ltem No. | Permit/License or Registration Application Work Date Reference | | | Permit/License/ Notification/ Registration Description | tification/ Permit/License/ gistration Registration Number | Issue/Start Date | Expiry Date | Issuing Office | Remark |
| | Area | Buie | Reference | - | | | | | |
| 37. | PCB | 19 Dec 16 | H2620-LTR-EPD- AU-000103 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS0005-17 | 6 Jan 2017 | 5 Jul 2017 | EPD | Superseded by GW-RS0461-17 |
| 38. | WA3 | 30 Dec 16 | H2620-LTR-EPD- AU-000102 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out construction of JV site office from 19:00 to 23:00. (Non-designated area) | GW-RS0015-17 | 12 Jan 2017 | 11 Jul 2017 | EPD | Superseded by GW-RS0587-17 |
| 39. | РСВ | 12 May 17 | H2620-LTR-EPD- AU-000106 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out works from 19:00 to 23:00 and 23:00 to 07:00. (Non-designated area) | GW-RS0461-17 | 25 May 2017 | 24 Nov 2017 | EPD | - |
| 40. | WA3 | 22 Jun 17 | H2620-LTR-EPD- AU-000113 | <u>CNP</u> for the use of powered mechanical equipment for the purpose of carry out construction of JV site office from 19:00 to 23:00. (Non-designated) | GW-RS0587-17 | 12 Jul 2017 | 11 Jan 2018 | EPD | - |



Environmental License/ Permits /Notification Register

| | - | | | | | | Date : August | 2017 | | |
|------|--------------|--------------------------|-----------------------------|--|---------------------|-------------|---------------|----------------|--------|--|
| Item | Peri | mit/License o Applica | r Registration tion | Permit/License/ Notification/ | Permit/License/ | Issue/Start | Expiry Date | Issuing Office | Remark | |
| No. | Work Area | Date | Reference | Registration Description | Registration Number | Date | | , | | |
| 41. | WA4 | 19 Jun 17 | H2620-LTR-EPD- AU-000112 | <u>CNP</u> for the use of powered mechanical equipment from 19:00 to 23:00. (Non-designated area) | GW-RW0341-17 | 10 Jul 2017 | 6 Jan 2018 | EPD | - | |



APPENDIX G

Implementation Schedule for Environmental Mitigation Measures (EMIS)

Contract No. HY/2013/01 - Hong Kong Zhuhai and Macao Bridge Hong Kong Boundary Crossing Facilities - Passenger Clearance Building

Implementation Schedule for Environmental Mitigation Measures

| | piementat | ion Schedule for Environmental Mitigation Measures | | | I a satism of | | \A/I_ = (| Inc |
|-------------|--------------------|--|--|---|------------------------------|---------------------------------------|---|--------------------------|
| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
| Air Quality | | | | | | | | |
| S5.5.6.1 | A1 | The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation | Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria. | Contractor | All construction sites | Construction stage | To control the dust impact to within the HKAQO and TM- EIA criteria (Ref. 1- hr and 24hr TSP levels are 500 µgm ⁻³ and 260 µgm ⁻³ , respectively) | V |
| S5.5.6.2 | A2 | Proper watering of exposed spoil should be undertaken throughout the construction phase: Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities on hardcores; The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials; Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously; Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet; | Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria. | Contractor | All construction sites | Construction stage | To control the dust impact to within the HKAQO and TM- EIA criteria (Ref. 1- hr and 24hr TSP levels are 500 µgm ⁻³ and 260 µgm ⁻³ , respectively) | |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|----------|--------------------|--|--|---|------------------------------|---------------------------------------|---|--------------------------|
| S5.5.6.2 | A2 | Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding; Any skip hoist for material transport should be totally enclosed by impervious sheeting; Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides; Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed; Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be control system; and Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies. | Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria. | Contractor | All construction sites | Construction stage | To control the dust impact to within the HKAQO and TM- EIA criteria (Ref. 1- hr and 24hr TSP levels are 500 µgm ⁻³ and 260 µgm ⁻³ , respectively) | |
| S5.5.6.4 | A3 | The Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase. | Control construction dust | Contractor | All construction sites | Construction stage | To control the dust impact | |
| S5.5.6.5 | A4 | Engineer to incorporate the controlled measures into the Particular Specification (PS) for the civil work. The PS should also draw the contractor's attention to the relevant latest Practice Notes issued by EPD. | Control construction dust | Engineer | All construction sites | Design Stage | Air Pollution Control (Construction Dust) Regulation | V |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|----------|--------------------|--|--|---|--|---------------------------------------|---|---|
| S5.5.6.5 | A5 | Implement regular dust monitoring under EM&A programme during the construction stage. | Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period. | Contractor | Selected representative dust monitoring station | Construction stage | Air Pollution Control (Construction Dust) Regulation To control the dust impact to within the HKAQO and TM-EIA criteria (Ref. 1- hr and 24hr TSP levels are 500 µgm⁻³ and 260 µgm⁻³, respectively) | √ (The dust monitoring works under EM&A programme for the Contract are covered by Contract No. HY/2010/02 and Contract No. HY/2011/03.) |
| S5.5.7.1 | A6 | The following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant: Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system; All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP; Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system; The materials which may generate airborne dusty emissions should be wetted by water spray system; All receiving hoppers should be enclosed on three sides up to 3m above unloading point; All access and route roads within the premises should be paved and wetted; and Vehicle cleaning facilities should be provided and used by all concrete trucks before leaving the premises to wash off any dust on the wheels and/or body. | Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period. | Contractor | Selected representative dust monitoring station | Construction stage | Air Pollution Control (Construction Dust) Regulation To control the dust impact to within the HKAQO and TM-EIA criteria (Ref. 1- hr and 24hr TSP levels are 500 µgm⁻³ and 260 µgm⁻³, respectively) | N/A |
| S5.5.2.7 | A7 | The following mitigation measures should be adopted to prevent fugitive dust emissions at barging point: All road surface within the barging facilities will be paved; Dust enclosures will be provided for the loading ramp; Vehicles will be required to pass through designated wheels wash facilities; and Continuous water spray at the loading points. | Control construction dust | Contractor | All construction sites | Construction stage | Air Pollution Control (Construction Dust) Regulation | N/A |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|-------------|--------------------|--|--|---|---|---------------------------------------|---|--------------------------|
| Constructio | | , | | 1 - | 1 | | | T |
| S6.4.10 | N1 | Use of good site practices to limit noise emissions by considering the following: only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme; machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; plant known to emit noise strongly in one direction, where possible, | Control construction airborne noise by means of good site practices | Contractor | All construction sites | Construction stage | Noise Control Ordinance | V V V |
| | | be orientated so that the noise is directed away from nearby NSRs; silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works; mobile plant should be sited as far away from NSRs as possible and practicable; material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities. | | | | | | J J |
| S6.4.11 | N2 | Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the construction period. | Reduce the construction noise levels at low-level zone of NSRs through partial screening. | Contractor | All construction sites | Construction stage | Noise Control Ordinance Annex 5, TM-EIA | N/A |
| S6.4.12 | N3 | 3) Install movable noise barriers (typically density @14kg/m ²), acoustic mat or full enclosure close to noisy plants including air compressor, generators, saw. | Screen the noisy plant items to be used at all construction sites | Contractor | For plant items listed in Appendix 6D of the EIA report at all construction sites | Construction stage | Noise Control Ordinance Annex 5, TM-EIA 75dB(A) for residential premises The movable barrier should achieve at least 5dB(A) and the full enclosure should be designed to achieve 10dB(A) | N/A |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|----------------------|--------------------|---|--|---|---|---------------------------------------|--|--|
| S6.4.13 | N4 | Select "Quiet plants" which comply with the BS 5228 Part 1 or TM standards. | Reduce the noise levels of plant items | Contractor | For plant items listed in Appendix 6D of the EIA report at all construction sites | Construction stage | Noise Control Ordinance & its TM Annex 5, TM-EIA | V |
| S6.4.14 | N5 | 5) Sequencing operation of construction plants where practicable. | Operate sequentially within the same work site to reduce the construction airborne noise | Contractor | All construction sites where practicable | Construction stage | Noise Control Ordinance Annex 5, TM-EIA | ~ |
| S6.4.14 | N6 | 6) Implement a noise monitoring under EM&A programme. | Monitor the construction noise levels at the selected representative locations | Contractor | Selected representative noise monitoring station | Construction stage | Noise Control Ordinance Annex 5, TM-EIA 75dB(A) for residential premises | √ (The noise monitoring works under EM&A programme for the Contract are covered by Contract No. HY/2010/02.) |
| Sediment | | | | 1 | | 1 | | , |
| S7.3 | S1 | The requirements as recommended in ETWB TC 34/2002 Management of Dredged/Excavated Sediment shall be included in the Particular Specification as appropriate. | Develop sediment disposal arrangement | Engineer | All construction sites | Design stage | Waste Disposal Ordinance ETW B TC 34/2002 | N/A |
| Waste Mana S8.3.8 | agement (C WM1 | Construction Waste) Construction and Demolition Material | Good site practice to minimize | Contractor | All | Construction stage | • Land | |
| | | The following mitigation measures should be implemented in handling the waste: Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; Carry out on-site sorting; Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; Adopt 'Selective Demolition' technique to demolish the existing structures and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible; Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; and | the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal | | construction sites | | (Miscellaneou s Provisions) Ordinance • Waste Disposal Ordinance • ETW BTC 19/2005 | イ イ イ イ |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|----------------------|--------------------|---|--|---|------------------------------|---------------------------------------|---|--------------------------|
| S8.3.8 | WM1 | Implement an enhanced Waste Management Plan similar to ETW BTC (Works) No. 19/2005 – "Environmental Management on Construction Sites" to encourage on-site sorting of C&D materials and to minimize their generation during the course of construction. In addition, disposal of the C&D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get its approval before implementation. | Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal | Contractor | All construction sites | Construction stage | • | √ √ |
| \$8.3.9- \$8.3.11 | WM2 | <u>C&D Waste</u> Standard formwork or pre-fabrication should be used as far as practicable in order to minimise the arising of C&D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Use of wooden hoardings should not be used, as in other projects. Metal hoarding should be used to enhance the possibility of recycling. The purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage. The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage. | Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal | Contractor | All construction sites | Construction stage | Land (Miscellaneou s Provisions) Ordinance Waste Disposal Ordinance ETWB TC 19/2005 | √ √ |
| S8.2.12- S8.3.15 | WM3 | <u>Chemical Waste</u> Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD; and display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the regulation. The storage area for chemical wastes should be clearly labelled and used solely for the storage of chemical waste; enclosed on at least 3 sides; have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest; have adequate ventilation; covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated. | Control the chemical waste and ensure proper storage, handling and disposal. | Contractor | All construction sites | Construction stage | Waste Disposal (Chemical Waste) General) Regulation Code of Practice on the Packaging, Labelling and Storage of Chemical Waste | \checkmark |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|---------------------|--------------------|---|--|---|-----------------------------|---------------------------------------|--|--------------------------|
| S8.2.12- S8.3.15 | WM3 | Disposal of chemical waste should be via a licensed waste collector; be to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Centre which also offers a chemical waste collection service and can supply the necessary storage containers; or be to a reuser of the waste, under approval from the EPD. | Control the chemical waste and ensure proper storage, handling and disposal. | Contractor | All construction sites | Construction stage | | V |
| S8.3.16 | WM4 | <u>Sewage</u> Adequate numbers of portable toilets should be provided for the workers. The portable toilets should be maintained in a state, which will not deter the workers from utilizing these portable toilets. Night soil should be collected by licensed collectors regularly. | Proper handling of sewage from worker to avoid odour, pest and litter impacts | Contractor | All construction sites | Construction stage | • Waste Disposal Ordinance | V |
| S8.3.17 | WM5 | General Refuse General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts. Burning of refuse on construction sites is prohibited by law. Aluminium cans are often recovered from the waste stream by individual collectors if they are segregated and made easily accessible. Separate labelled bins for their deposit should be provided if feasible. Office wastes can be reduced through the recycling of paper if volumes are large enough to warrant collection. Participation in a local collection scheme should be considered by the Contractor. In addition, waste separation facilities for paper, aluminum cans, plastic bottles etc., should be provided to workers about the concepts of site cleanliness and appropriate waste management procedure, including reduction, reuse and recycling of wastes. | Minimize production of the general refuse and avoid odour, pest and litter impacts | Contractor | All construction sites | Construction stage | • Waste Disposal Ordinance | |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|------------|--------------------|---|--|---|-----------------------------|---------------------------------------|--|--------------------------|
| | | ruction Phase) | | | - | | | |
| S.9.11.1.7 | W 1 | Mitigation during the marine works to reduce impacts to within acceptable levels have been recommended and will comprise a series of measures that restrict the method and sequencing of backfilling, as well as protection measures. Details of the measures are provided below: Reclamation filling for the Project shall not proceed until at least 200m of leading seawall at the reclamation area formed above +2.2mPD, unless otherwise agreement was obtained from EPD, except for the 300m gaps for marine access. All underwater filling works shall be carried out behind seawalls to avoid dispersion of suspended solids outside the Project limit; | To control construction water quality | Contractor | During filling | Construction stage | TM-EIAO | V |
| S.9.11.1.7 | W1 | Except for the filling of the cellular structures, not more than 15% public fill | To control construction water | Contractor | During filling | Construction stage | TM-FIAO | V |
| 0.0.11.11 | | shall be used for reclamation filling below +2.5mPD during construction of the seawall: | quality | | D d ing | e e non a chierr e hage | | · |
| | | After the seawall is completed except for the 300m marine access as indicated in the EPs, not more than 30% public fill shall be used for reclamation filling below +2.5mPD, unless otherwise agreement from EPD | | | | | | \checkmark |
| | | was obtained; Upon completion of 200m leading seawall, no more than a total of 60 filling barge trips per day shall be made with a cumulative maximum daily filling rate of 60,000 m3 for HKBCF and TMCLKL southern landfall reclamation | | | | | | \checkmark |
| | | Upon completion of the whole section of seawall except for the 300m marine access as indicated in the EPs, no more than a total of 190 filling barge trips per day shall be made with a cumulative maximum daily filling rate of | | | | | | \checkmark |
| | | 190,000 m3 for the remaining filling operations for HKBCF and TMCLKL southern landfall reclamation. Floating type perimeter silt curtains shall be around the HKBCF site before the commencement of marine works. Staggered layers of silt curtain shall | | | | | | \checkmark |
| | | be provided to prevent sediment loss at navigation accesses. The length of each staggered layers shall be at least 200m; Single layer silt curtain to be applied around the North-east airport water intake: | | | | | | \checkmark |
| | | The silt-curtains should be maintained in good condition to ensure the sediment plume generated from filling be confined effectively within the site boundary; | | | | | | V |
| | | The filling works shall be scheduled to spread the works evenly over a working day; Called a structure shall be used for a series in the structure of the structure of | | | | | | N V |
| | | Cellular structure shall be used for seawall construction; A layer of geotextile shall be placed on top of the seabed before any filling activities take place inside the cellular structures to form the seawall; | | | | | | √ √ |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|------------|--------------------|--|--|---|-----------------------------|---------------------------------------|--|--------------------------|
| S.9.11.1.7 | W1 | The conveyor belts shall be fitted with windboards and conveyor release points shall be covered with curtain to prevent any spillage of filling materials onto the surrounding waters; and An additional layer of silt curtain shall be installed near the active stone column installation points. A layer of geotextile with stone blanket on top shall be placed on the seabed prior to stone column installation works. | To control construction water quality | Contractor | During filling | Construction stage | TM-EIAO | 1 |
| S.9.11.1.7 | W2 | Land Works General construction activities on land should also be governed by standard good working practice. Specific measures to be written into the works contracts should include: • wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters; | To control construction water quality | Contractor | Land-based works areas | Construction stage | TM-EIAO | V |
| S.9.11.1.7 | W2 | sewage effluent and discharges from on-site kitchen facilities shall be directed to Government sewer in accordance with the requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided; storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks; silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly, including specifically at the onset of and after each rainstorm; temporary access roads should be surfaced with crushed stone or gravel; rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities; measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system; open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms; manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into the drainage system; | To control construction water quality | Contractor | Land-based works areas | Construction stage | TM-EIAO | |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|-----------|--------------------|---|--|---|--|---------------------------------------|--|---|
| S9.11.1.7 | W2 | all vehicles and plant should be cleaned before they leave the construction site to ensure that no earth, mud or debris is deposited by them on roads. A wheel washing bay should be provided at every site exit; wheel wash overflow shall be directed to silt removal facilities before being discharged to the storm drain; the section of construction road between the wheel washing bay and the public road should be surfaced with crushed stone or coarse gravel; wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities, shall be screened to remove large objects; vehicle and plant servicing areas, vehicle wash bays and lubrication facilities shall be located under roofed areas. The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for off site disposal; the contractors shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately; waste oil should be collected and stored for recycling or disposal, in accordance with the Waste Disposal Ordinance; all fuel tanks and chemical storage areas should be provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank; and | To control construction water quality | Contractor | Land-based works areas | Construction stage | TM-EIAO | |
| | | surface run-off from bunded areas should pass through oil/grease traps prior to discharge to the stormwater system. | | | | | | |
| S.9.14 | W3 | Implement a water quality monitoring programme. | To control water quality | Contractor of Contract No. HY/2010/02 Hong Kong- Zhuhai- Macao Bridge HKBCF – Reclamation Works | Selected representative water quality monitoring station | Construction stage | TM-EIAO Water Pollution Control Ordinance | (The water quality monitoring works under EM&A programme for the Contract are covered by Contract No. HY/2010/02.) |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|-------------|--------------------|--|--|---|--------------------------------------|---------------------------------------|--|---|
| Ecology (Co | | , | | - | | | | |
| S10.7 | E1 | Install silt curtain during the construction Limit works fronts Construct seawall prior to reclamation filling where practicable Good site practices Strict enforcement of no marine dumping Site runoff control Spill response plan | Prevent Sedimentation from Land-based works areas | Contractor | Seawall, reclamation area | During construction | TM-Water | ~ |
| S10.7 | E2 | Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater. | Prevent Sedimentation from Land-based works areas | Contractor | Land-based works areas | During construction | TM-Water | V |
| S10.7 | E3 | Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time | Prevent disturbance to terrestrial fauna and habitats | Contractor | Land-based works areas | During construction | TM-Water | \checkmark |
| S10.7 | E4 | Dolphin Exclusion ZoneDolphin Watching plan | Minimise marine traffic disturbance on dolphins | Contractor | Marine Works | During construction | TM-Water | $\sqrt[n]{\sqrt{1}}$ |
| S10.7 | E5 | Decouple compressors and other equipment on working vessels Proposal on design and implementation of acoustic decoupling measures applied during reclamation works Avoidance of percussive piling | Minimise marine traffic disturbance on dolphins | Contractor | Marine Works | During construction | TM-Water | √ √ √ |
| S10.7 | E6 | Control vessel speed Skipper training Predefined and regular routes for working vessels; avoid Brother Islands. | Minimise marine traffic disturbance on dolphins | Contractor | Marine Traffic | During construction | TM-Water | √ √ √ |
| S10.7 | E7 | Vessel based dolphin monitoring | Minimise marine traffic disturbance on dolphins | Contractor of Contract No. HY/2010/02 Hong Kong- Zhuhai- Macao Bridge HKBCF – Reclamation Works | Northeast and Northwest Lantau | During construction | TM-Water | (The vessel based dolphin monitoring works under EM&A programme for the Contract are covered by Contract No. HY/2010/02.) |
| Fisheries | | | | | | | • | · |
| S11.7 | F1 | Reduce re-suspension of sediments Limit works fronts Good site practices Strict enforcement of no marine dumping Spill response plan | Minimise impacts on marine water quality impacts | Marine Department | Seawall, reclamation area | During operation | | |
| S11.7 | F2 | Install silt-grease trap in the drainage system collecting surface runoff | Minimise impacts on marine water quality impacts | Marine Department | Reclamation area | During operation | | \checkmark |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|-----------|--------------------|--|--|---|-----------------------------|---------------------------------------|--|--------------------------|
| S11.7 | F4 | Maritime Oil Spill Response Plan (MOSRP); | Minimise impacts on marine | Marine | HKBCF | During operation | | N/A |
| | | Contingency plan. | water quality impacts | Department | | | | |
| | | Detailed Design Phase) | | | - | | • | |
| S14.3.3.1 | LV1 | General design measures include: Roadside planting and planting along the edge of the HKBCF Island is proposed; Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; Protection measures for the trees to be retained during construction activities; Optimizing the sizes and spacing of the bridge columns; Fine- tuning the location of the bridge columns to avoid visually-sensitive locations; Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; Providing planting area around peripheral of HKBCF for tree planting screening effect; Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline; | Minimise visual & landscape impact | Detailed designer | HKBCF | Design Stage | | N/A |
| S14.3.3.1 | LV1 | For HKBCF, providing aesthetic architectural design on the related buildings (e.g. similar materials for PCB building facade to Airport buildings, roof planting and subtle materials for other facilities buildings and so on), and the related infrastructure (e.g. parapet planting and transparent cover for elevated footbridges) to provide harmonious atmosphere of the HKBCF; and Fine-tuning the sizes of the structural members to minimize the bulkiness of buildings and adjustment of building arrangement to minimise disturbance to surrounding vegetation in the HKBCF. | Minimise visual & landscape impact | Detailed designer | HKBCF | Design Stage | | N/A |

| EIA Ref. | EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|-----------|--------------------|---|--|---|------------------------------|---------------------------------------|--|--------------------------|
| | & Visual (| Construction Phase) | | | | | | |
| S14.3.3.3 | LV2 | Mitigate both Landscape and Visual Impacts Grass-hydroseed bare soil surface and stock pile areas. Add planting strip and automatic irrigation system if appropriate at some portions of bridge footbridge to screen bridge and traffic. Not applicable as this is for HKLR. For HKBCF, providing aesthetic architectural design on the related buildings (e.g. similar materials for PCB building facade to Airport buildings, roof planting and subtle materials for other facilities buildings and so on), and the related infrastructure (e.g. parapet planting and transparent cover for elevated footbridges) to provide harmonious atmosphere of the HKBCF. Vegetation reinstatement and upgrading to disturbed areas Maximizing new tree shrub and other vegetation planting to compensate tree felled and vegetation removed Providing planting area around peripheral of HKBCF for tree planting screening effect; Plant salt-tolerant native and shrubs etc along the planter strip at affected seawall. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt "natural-look" by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enchance "natural-look" of the new coastline. | Minimise visual & landscape impact | Contractor | HKBCF | Construction stage | | N/A |
| S14.3.3.3 | LV3 | <u>Mitigate Visual Impacts</u> V1.Minimize time for construction activities during construction period. V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKBCF construction. | | | | | | √ N/A |
| EM&A | | | | | | | | |
| S15.2.2 | EM1 | An Independent Environmental Checker needs to be employed as per the EM&A Manual. | Control EM&A Performance | Project Proponent | All construction sites | | EIAO Guidance Note No.4/2002 TM-EIAO | \checkmark |

| EM&A Log Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the measures | When to implement the measures? | What requirements or standards for the measures to achieve? | Implementation Status |
|--------------------|--|--|---|---|--|---|--|
| EM2 | • An Environmental Team needs to be employed as per the EM&A | Perform environmental | Contractor | All | | • EIAO | |
| | Manual. | monitoring & auditing | | | | Guidance | 1 |
| | | | | sites | | Note | N |
| | | | | | | | |
| | the Environmental Team to ensure all the requirements given in the | | | | | • TM-EIAO | v |
| | Log Ref | Log Ref Recommended Mitigation Measures EM2 • An Environmental Team needs to be employed as per the EM&A Manual. • Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. • An environmental impact monitoring needs to be implementing by | EM&A Log Ref Recommended Mitigation Measures Recommended Measures & Main Concerns to address EM2 • An Environmental Team needs to be employed as per the EM&A Manual. Perform environmental monitoring & auditing • Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. Perform environmental monitoring & auditing • An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the Perform environmental monitoring by the Environmental Team to ensure all the requirements given in the | EM&A Log RefRecommended Mitigation MeasuresRecommended Measures & Main Concerns to addressimplement the measures?EM2• An Environmental Team needs to be employed as per the EM&A Manual.• Perform environmental measures.Perform environmental monitoring & auditingContractorEM2• An Environmental Team needs to be employed as per the EM&A Manual.Perform environmental monitoring & auditingContractor | EM&A Log RefRecommended Mitigation MeasuresObjectives of the Recommended Measures & Main Concerns to addressWho to implement the measures?the measuresEM2• An Environmental Team needs to be employed as per the EM&A Manual.Perform environmental monitoring & auditingContractorAll construction sitesEM2• An Environmental Team needs to be employed as per the EM&A Manual.Perform environmental monitoring & auditingContractorAll construction sites | EM&A Log RefRecommended Mitigation MeasuresObjectives of the Recommended MeasuresWho to implement the measures?When to implement the measures?When to implement the measures?EM2• An Environmental Team needs to be employed as per the EM&A Manual.Perform environmental monitoring & auditingContractorAll construction sitesEM2• An Environmental Team needs to be employed as per the EM&A | EM&A Log RefRecommended Mitigation MeasuresRecommended MeasuresWho to implement the measures?When to implement the measures?When to implement the measures?requirements or standards for the measures?EM2• An Environmental Team needs to be employed as per the EM&A Manual.• Perform environmental monitoring & auditingPerform environmental monitoring & auditingContractorAll construction sites• EIAO Guidance Note No |

Legends: $\sqrt{1}$ = Implemented; X = Not implemented; N/A = Not applicable



APPENDIX H

Statistics on Environmental Complaints, Notification of Summons and Successful Prosecutions



Statistics on Environmental Complaints, Notifications of Summons and Successful Prosecutions

| Reporting Period | Cumulative Statistics | | | | | |
|--|-----------------------|--------------------------|-------------------------|--|--|--|
| Reporting renou | Complaints | Notifications of Summons | Successful Prosecutions | | | |
| This reporting period | 0 | 0 | 0 | | | |
| From commencement date of contract to end of reporting month | 8 | 0 | 0 | | | |



APPENDIX I

Environmental Site Inspection and Monitoring Schedule

| | | | | Sep-17 | | | |
|------|--------|----------------------------------|-----------------------------|---|-----------------------------|----------------------------------|--------------------|
| | Sunday | Monday | Tueday | Wednesday | Thursday | Friday | Saturday |
| Date | | | | | | 1-Sep | 2-Sep |
| | | | | | | AMS2 - 24 hour TSP | |
| | | | | | | AMS3B - 24 hour TSP | |
| | | | | | | AMS7 - 1 hour TSP | |
| | | | | | | Water Quality Monitoring | |
| | | | | | | Mid-ebb 9:40 | |
| | | | | | | Mid-flood 17:26 | |
| Date | 3-Sep | 4-Sep | 5-Sep | 6-Sep | 7-Sep | 8-Sep | 9-Sep |
| | | AMS2 - 1 hour TSP | AMS7 - 1 hour TSP | NMS2 | AMS2 - 24 hour TSP | AMS2 - 1 hour TSP | |
| | | AMS3B - 1 hour TSP | | | AMS3B - 24 hour TSP | AMS3B - 1 hour TSP | |
| | | AMS7 - 24 hour TSP NMS3B | | | | AMS7 - 24 hour TSP | |
| | | Water Quality Monitoring | Delekie Marina | Site Inspection | | Water Quality Monitoring | |
| | | Mid-ebb 11:53 Mid-flood 18:54 | Dolphin Monitoring | Water Quality Monitoring Mid-ebb 13:05 | | Mid-ebb 14:14 Mid-flood 07:55 | |
| | | Mid-1000 16.54 | | Mid-flood 19:45 | | WIQ-1000 07.55 | |
| Date | 10-Sep | 11-Sep | 12-Sep | 13-Sep | 14-Sep | 15-Sep | 16-Sep |
| | | AMS7 - 1 hour TSP | NMS2 | AMS2 - 24 hour TSP | AMS2 - 1 hour TSP | AMS7 - 1 hour TSP | |
| | | | | AMS3B - 24 hour TSP | AMS3B - 1 hour TSP | | |
| | | | | | AMS7 - 24 hour TSP NMS3B | | |
| | | Water Quality Monitoring | | Site Inspection | | Water Quality Monitoring | |
| | | Mid-ebb 16:16 | Dolphin Monitoring | Water Quality Monitoring | | Mid-ebb 08:35 | |
| | | Mid-flood 10:24 | | Mid-ebb 18:23 Mid-flood 13:01 | | Mid-flood 16:16 | |
| Date | 17-Sep | 18-Sep | 19-Sep | 20-Sep | 21-Sep | 22-Sep | 23-Sep |
| | | NMS2 | AMS2 - 24 hour TSP | AMS2 - 1 hour TSP | AMS7 - 1 hour TSP | | |
| | | | AMS3B - 24 hour TSP | AMS3B - 1 hour TSP | | | |
| | | | | AMS7 - 24 hour TSP NMS3B | | | |
| | | Water Quality Monitoring | | Site Inspection | | Water Quality Monitoring | |
| | | Mid-ebb 11:41 | Dolphin Monitoring | Water Quality Monitoring | | Mid-ebb 14:20 | |
| | | Mid-flood 18:33 | | Mid-ebb 13:07 Mid-flood 19:31 | | Mid-flood 08:04 | |
| Date | 24-Sep | 25-Sep | 26-Sep | 27-Sep | 28-Sep | 29-Sep | 30-Sep |
| | | AMS2 - 24 hour TSP | AMS2 - 1 hour TSP | AMS7 - 1 hour TSP | AMS2 - 24 hour TSP | AMS2 - 1 hour TSP | AMS7 - 24 hour TSP |
| | | AMS3B - 24 hour TSP | AMS3B - 1 hour TSP | | AMS3B - 24 hour TSP | AMS3B - 1 hour TSP | |
| | | | AMS7 - 24 hour TSP NMS3B | | NMS2 | | |
| | | Dolphin Monitoring | NINGOD | Site Inspection | | Water Quality Monitoring | |
| | | Water Quality Monitoring | | Water Quality Monitoring | | Mid-ebb 07:24 | |
| | | Mid-ebb 16:01 | | Mid-ebb 17:48 | | Mid-flood 16:15 | |
| | | Mid-flood 10:11 | | Mid-flood 12:33 | | | |