Environmetnal Team Services for Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot

First Monthly EM&A Report (November 2021)

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Date: 13 December 2021

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Date: 13/12/2021

Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot

First Monthly EM&A Report

Yau Lee Construction Co, Ltd

2021-12-13

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Document control record

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Reviewer's signature		Approver's signature	
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Title	Principal Consultant, Environmental	Title	Executive Director, Environment & Planning - Greater China

Contents

Appendix

Executive Summary

Aurecon Hong Kong Limited (Aurecon) was commissioned by the Yau Lee Construction Co, Ltd (Yau Lee) to undertake the role of Environmental Team (ET) for carrying out the environmental monitoring and audit (EM&A) works for the "Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot (The Project).

An Environmental Permit (EP) No. EP-505/2015 was issued by the Environmental Protection Department (EPD) on 17 December 2015 for the construction of this project based on the Environmental Impact Assessment (EIA) Report (Register No: AEIAR-191/2015) approved by the EPD. The latest EP No. EP-505/2015/A was subsequently issued by the EPD on 8 November 2019 based on the documents (including an Environmental Review Report (ERR)) for the application of Variation of Environmental Permit.

This 1st Monthly EM&A Report presents the EM&A works conducted from 25 November 2021 to 30 November 2021 in accordance with the EM&A Manual.

Summary of Construction Works undertaken during Report Period

The major construction works undertaken during the reporting period include:

- G.I. Works.
- Tree removal.

Environmental Monitoring and Audit Progress

A summary of the monitoring activities in this reporting period is listed below:

-	Construction Noise Monitoring during normal weekdays at each monitoring station	2 times
-	Joint Environmental Site Inspection	1 time

Nosie

6 sets of 30-minute construction noise measurement were carried out at each monitoring stations during normal weekdays f the reporting period. No exceedance of Action and Limit Levels of construction noise was recorded during the reporting period.

Environmental Site Inspection

A joint environmental site inspection was carried out by the Engineer's Representative, the representatives of the Contractor, the IEC and the ET on 25 November 2021. The Contractor has generally implemented the mitigation measures as recommended.

Environmental Exceedance/Non-conformance/Compliant/Summons and Prosecution

No exceedance of the Action and Limit Levels of construction noise was recorded at designated monitoring stations during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint and summons/prosecutions was received in this reporting period.

Future Key Issues

Works to be undertaken in the next month include:

- G.I. Works.
- Pre-drilling works.

Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff and waste management.

1 Introduction

1.1.1 Aurecon Hong Kong Limited (Aurecon) was commissioned by the Yau Lee Construction Co, Ltd (Yau Lee) to undertake the role of Environmental Team (ET) for carrying out the environmental monitoring and audit (EM&A) works for the “Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot (The Project).

1.2 Purpose of this Report

1.2.1 This is the first EM&A report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period from 25 November 2021 to 30 November 2021.

1.3 Structure of the Report

1.3.1 The structure of the report is as follows:

Section 1 – Introduction
- details the background, purpose and structure of the report.

Section 2 – Project Information
- summarises background and scope of the Project, site description, project organization and contact details, construction programme, the construction works undertaken and the status of Environmental Permit(s)/License(s) during the reporting period.

Section 3 – Environmental Monitoring Requirement
- summarises the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency, monitoring locations, Action and Limit Levels, Event/Action Plans.

Section 4 – Implementation Status on Environmental Mitigation Measures
- summarises the implementation of environmental protection measures during the reporting period.

Section 5 Monitoring Results
- summarises the monitoring results obtained in the reporting period.

Section 6 : Environmental Site Auditing
- summarises the audit findings of the weekly site inspections undertaken within the reporting period.

Section 7 : Environmental Non-conformance
- summarises any monitoring exceedance, environmental complaints and environmental summons within the reporting period.

Section 8 : Future Key Issues
- summarises the impact forecast and monitoring schedule for the next reporting month.

Section 9 : Review of EM&A Data and EIA Predictions
- compares and contrasts the EM&A data in the month with the EIA predictions and annotates with explanation for any discrepancies.

Section 10 : Conclusions

2 Project Information

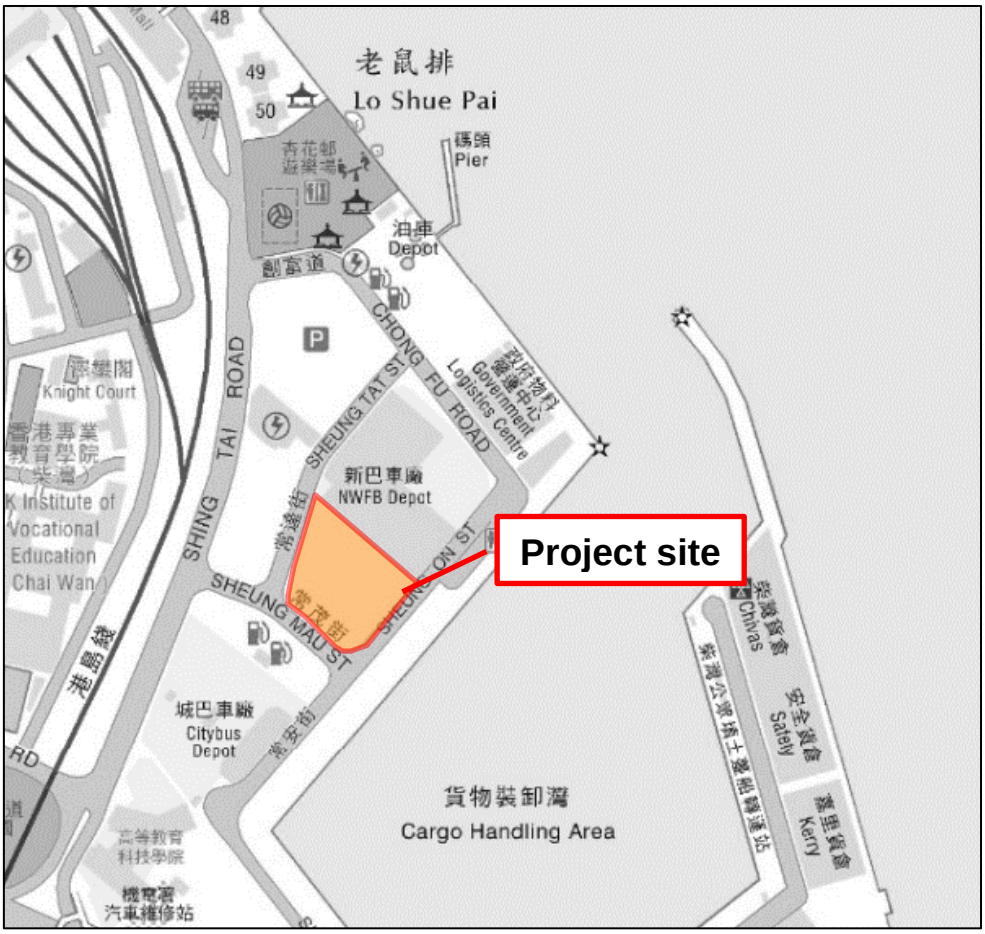
2.1 Background

2.1.1 On 5 October 2015, the Environment Impact Assessment (EIA) for the proposed "Chai Wan Government Complex and Vehicle Depot" (AEIAR-191/2015, hereafter referred to as "the Project") was approved and an Environmental Permit (EP) (EP-505/2015) for the construction of the Project was issued. The latest EP No. EP-505/2015/A was subsequently issued by the EPD on 8 November 2019 based on the documents (including an Environmental Review Report (ERR)) for the application of Variation of Environmental Permit.

2.2 Site Description

2.2.1 The scope of works of the Project, which is a Designated Project under the EIA Ordinance (EIAO), will construct joint user building comprising the government office, store, laboratory, transport pool and vehicle depot facilities in Chai Wan District. The Site is bounded by NWFB Depot to the north, Sheung On Street to the east, Sheung Mau Street to the south and Sheung Tat Street to the west. A layout plan of the Project is provided in **Figure 1-1**.

Figure 1-1 A layout plan of the Project



2.3 Construction Activities

2.3.1 A summary of the major construction activities undertaken in this reporting period is shown in **Table 2.1** and the construction programme is illustrated in **Appendix 1**.

Table 2-1 Major Construction Activities Undertaken in the Reporting Period

Construction Activities Undertaken
- G.I. Works. Tree removal.
- Tree removal.

2.4 Project Organisation

2.4.1 The Project organization chart and contact details are shown in **Appendix 2**.

2.5 Status of Environmental Approval Document

2.5.1 A summary of the relevant valid permits, licences, and/or notifications on environmental protection for this Project since the granting of the EP is presented in **Table 2.2**.

Table 2-2 Major Construction Activities Undertaken in the Reporting Period

Permit / Licenses / Notifiation	Reference	Validity Period	Remark
Environmental Permit (EP)	EP-505/2015/A	Throughout the Contract	Permit granted on 8 November 2019
Notification of Construction Works as required under Air Pollution Control (Construction Dust) Regulation	469716	Throughout the Contract	Approved on 21 July 2021
Registration of Waste Producer under Waste Disposal Ordinance	7041313	Throughout the Contract	Approved on 13 August 2021
Registration as Chemical Waste Producer	5213-163-Y2782-01	Throughout the Contract	Approved on 24 August 2021
Construction Noise Permit	GW-RS0759-21	14 April 2022	Approved.
Effluent Discharge License under Water Pollution Control Ordinance	WT00038924-2021	30 September 2026	Approved on 11 August 2021

3 Environmental Monitoring Requirements

3.1 Nosie Monitoring Locations

3.1.1 The noise monitoring locations in approved EM&A Manual are summarised in **Table 3-1** and shown in **Figure 3-1**.

Table 3-1 Noise Monitoring Station in Approved EM&A Manual

Noise Monitoring ID	Proposed Noise Monitoring Location	Remark
NM1	Ground Floor at Heng Fa Chuen Block 50	-
NM2a	Lamp Post no. 47447 at Sheung Mau Street	*
NM3	Rooftop of THEi Campus	-

Remark: * - Hong Kong Institute of Vocational Education (Chai Wan) - Academic Block (NM2) is the noise monitoring stations for the construction phase EM&A programme as identified in the approved EM&A Manual for the Project. The access to NM2 and Knight Court (as a VTC Senior Quarters and NSR3 in approved EIA) were denied.. A search for alternative noise monitoring locations along Shing Tai Road and Sheung Mau Street was carried out during the site visit on 4 October 2021.

Lamp Post no. 47447 at Sheung Mau Street (NM2a), which is located between project site and original noise monitoring location, Hong Kong Institute of Vocational Education (Chai Wan) - Academic Block (NM2), is found suitable and available to be an alternative noise monitoring location for NM2. Also, NM2a, which has a direct line of sight towards project site (where construction works will be carried out and likely to have noise impacts), is located closer to project site than NM2 and thus considered as a representative noise monitoring location. Monitoring position at NM2a is proposed at 2m above ground due to security concerns and minimize the road traffic noise contribution. Noise measurement at NM2a will be considered as free-field and a correction of +3dB(A) would be made to the noise monitoring results. The alternative location of NM2a, were therefore proposed and agreed by the Independent Environmental Checker (IEC).

Figure 3-1 Location of Noise Monitoring Stations (NM1, NM2a and NM3)

3.2 Monitoring Parameters, Frequency and Duration

3.2.1 Weekly construction noise monitoring was conducted in accordance with the requirements stipulated in the EM&A Manual. The monitoring programme for this reporting period is shown in **Appendix 3.**

3.2.2 **Table 3-2** summarizes the monitoring parameters, frequency and duration of the impact noise monitoring.

Table 3-2 Noise Monitoring Parameters, Period and Frequency

Time Period	Parameters
Daytime on normal weekdays (0700-1900 hrs)	$L_{eq(30\ mins)}$, $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$
Evening time on all days (1900-2300 hrs) and Holidays (including Sundays) during daytime and evening (0700-2300 hrs)	$L_{eq(5\ mins)}$, $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$
All days during the night-time (2300-0700 hrs of the next day)	$L_{eq(5\ mins)}$ $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$

3.3 Monitoring Equipment

3.3.1 Noise measurements were conducted in accordance with the calibration and measurement procedures as stated in Annex – General Calibration and Measurement Procedures of Technical Memorandum on Noise from Construction Work other than Percussive Piling (GW-TM) issued under the Noise Control Ordinance (NCO) (Cap.400).

3.3.2 The sound level meters and calibrator used for the noise measurement, as listed in **Table 3-3**, complies with IEC 651: 1979 and 804:1985 (Type 1) specification. The calibration certificates of the sound level meter and calibrator are given in **Appendix 4.**

Table 2-5 Noise Monitoring Equipment

Monitoring Station	Monitoring Equipment (Sound Level Meter and Calibrator)
NM1	Sound Level Meter: Rion NL 52(s/n:00643040) and (s/n:01010406) Calibrator: Larson Davis Cal 200(s/n: 16878)
NM2a	
NM3	

3.3.3 Immediately prior to and following the noise measurements, the accuracy of the measurement equipment was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements were accepted as the calibration level from before and after the noise measurement agree to within 1.0 dB.

3.3.4 A portable wind speed meter shall be used for measuring wind speeds in m/s.

3.4 Event / Action Plan

Table 3-4 Action and Limit Levels for Construction Noise Monitoring

Monitoring Station	Action Level	Limit Level	
		Nosfff Noise Criteria,$Leq_{(30mins)}$, dB(A)	Remark
NM1	When one documented complaint is received	75	Applicable during 0700 – 1900 hours, Monday to Saturday
NM2a		70 65 (during examination)	
NM3		70 65 (during examination)	

3.4.1 Should non-compliance of the noise criteria occur, the Event and Action Plan as presented in **Appendix 5** should be followed.

3.5 Mitigation Measures

3.5.1 The mitigation measures in accordance with the EP, EIA and EM&A Manual and their implementation status are presented in **Appendix 6**.

4 Implementation Status on Environmental Mitigation Measures

4.1.1 The Contractor has generally implemented environmental mitigation measures and requirements as stated in the EIA Report, the EP and EM&A Manual and the contract documents. The implementation status during the reporting period is summarized in **Appendix 6**.

5 Monitoring Results

5.1 Noise

5.1.1 A total of 2 sets of 30-minute construction noise measurements were carried out at the monitoring stations (NM1, NM2a and NM3) during normal weekdays of the reporting period. The monitoring results together with graphical presentations are presented in **Appendix 7**. The local impacts observed near the monitoring stations were summarized below:

- NM1: Road traffic noise and railway noise.
- NM2a: Road traffic noise.
- NM3: Road Traffic Noise. Minor noise from Cargo Handling Area.

5.1.2 No exceedance of Action and Limit Levels of construction noise was recorded during the reporting period.

5.2 Waste Management

5.2.1 Wastes generated from this Project include inert construction and demolition (C&D) materials and non-inert C&D materials. Non-inert C&D materials were made up of general refuse, steel and paper/cardboard packaging materials. Steel materials generated from the Project were also grouped into non-inert C&D materials as the materials were not disposed of with other inert C&D materials. With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting period are summarised in **Appendix 8**. The non-inert C&D materials and general refuse generated from the Project were disposed of at the NENT Landfill. A total of 6,770 kg of timber, 55 kg of paper/cardboard packaging and 15m^3 of general refuse were generated during the reporting period. The inert C&D materials and general refuse generated from the Project were disposed of at the Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB). However, no inert waste was generated during the reporting period.

6 Environmental Site Inspection

6.1.1 Joint environmental site inspection was conducted in the reporting period on 25 November 2021. The joint environmental site inspection was carried out by the representatives of the Engineer's Representative (ER), the Contractor, IEC and the ET. The joint environmental site inspection record is shown in **Appendix 9**. There was no noncompliance recorded during the site inspections.

6.1.2 Major findings and recommendations are summarized as follows:

25 November 2021

- The contractor as reminded to increase the frequency of watering haul roads and work areas as the weather has been dry in recent days. The contractor has arranged for workers to enhancing the watering in the site area after the site inspection.

7 Environmental Non-conformance

7.1 Summary of Monitoring Exceedance

7.1.1 No exceedance of the Action and Limit Levels of construction noise was recorded at monitoring station during the reporting period.

7.2 Summary of Environmental Non-compliance

7.2.1 No non-compliance event was recorded during the reporting period.

7.3 Summary of Environmental Complaint

7.3.1 No complaint was received during the reporting period.

7.4 Summary of Environmental Summons and Successful Prosecution

7.4.1 No summons was received during the reporting period.

8 Future Key Issues

8.1 Key Issues for the Coming Month

8.1.1 Works to be undertaken for the coming monitoring periods are summarized below:

- G.I. Works.
- Tree removal.

8.1.2 Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff and waste management.

8.2 Monitoring Schedule for the Next Month

8.2.1 The tentative schedule of noise monitoring for the next reporting period is presented in **Appendix 10**.

8.3 Construction Programme for the Next Month

8.3.1 The most updated construction programme for the Project is presented in **Appendix 2**.

9 Review of EM&A Data and EIA Predictions

9.1 Noise

9.1.1 The EIA predicted the construction noise levels during the day-time period. In this reporting period, no major construction works have commenced and hence direct comparison with predicted EIA noise levels were not appropriate. A comparison hence was made between the baseline noise levels and the monitoring results from the start of the Project (**Table 9-1**).

Table 9-1 Comparison of the Baseline Noise Levels and Noise Monitoring Results

Monitoring Station	Baseline Noise Levels, dB(A)	Measured Noise Monitoring Results, dB(A)	
		$Leq_{(30mins)}$, Average	Range
NM1	65.1	62.8	62.4 to 63.1
NM2a	73.4	74.2	74.0 to 74.5
NM3	69.8	67.9	67.9 to 67.9

9.1.2 The monitoring results show that the average and range of 30-minute construction noise levels recorded during the reporting period were about the same as the baseline noise levels, since no major construction works have commenced. Recommended mitigation measures in **Section 5.8** of EIA will be implemented throughout the construction period.

9.2 Waste Management

9.2.1 The estimated amount of waste generated in this Project and the accumulated quantities of waste generated up to this reporting month are presented in **Appendix 8**. No major construction works have commenced in this reporting month. The amount of construction waste generated are minimal. Recommended mitigation measures in **Section 8.5** of the EIA will be implemented during the construction stage.

9.3 Conclusion of Review

9.3.1 The EIA predictions against the monitoring results since the commencement of construction works have been reviewed. The EIA concluded that the Project would not cause adverse impacts to the environment, and the monitoring results have also indicated the same so far. Mitigation measures recommended in the EP, EIA, EM&A Manual and the contract documents will continue to be implemented throughout the construction phase of the Project.

10 Conclusion

10.1.1 The construction phase and EM&A programme of the Project commenced on 25 November 2021.

10.1.2 For construction noise, no Action and Limit Level exceedance was recorded at the monitoring stations during the reporting period.

10.1.3 Environmental site inspection was carried out on 25 and 30 November 2021. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

10.1.4 No notification of summons and prosecution was received during the reporting period.

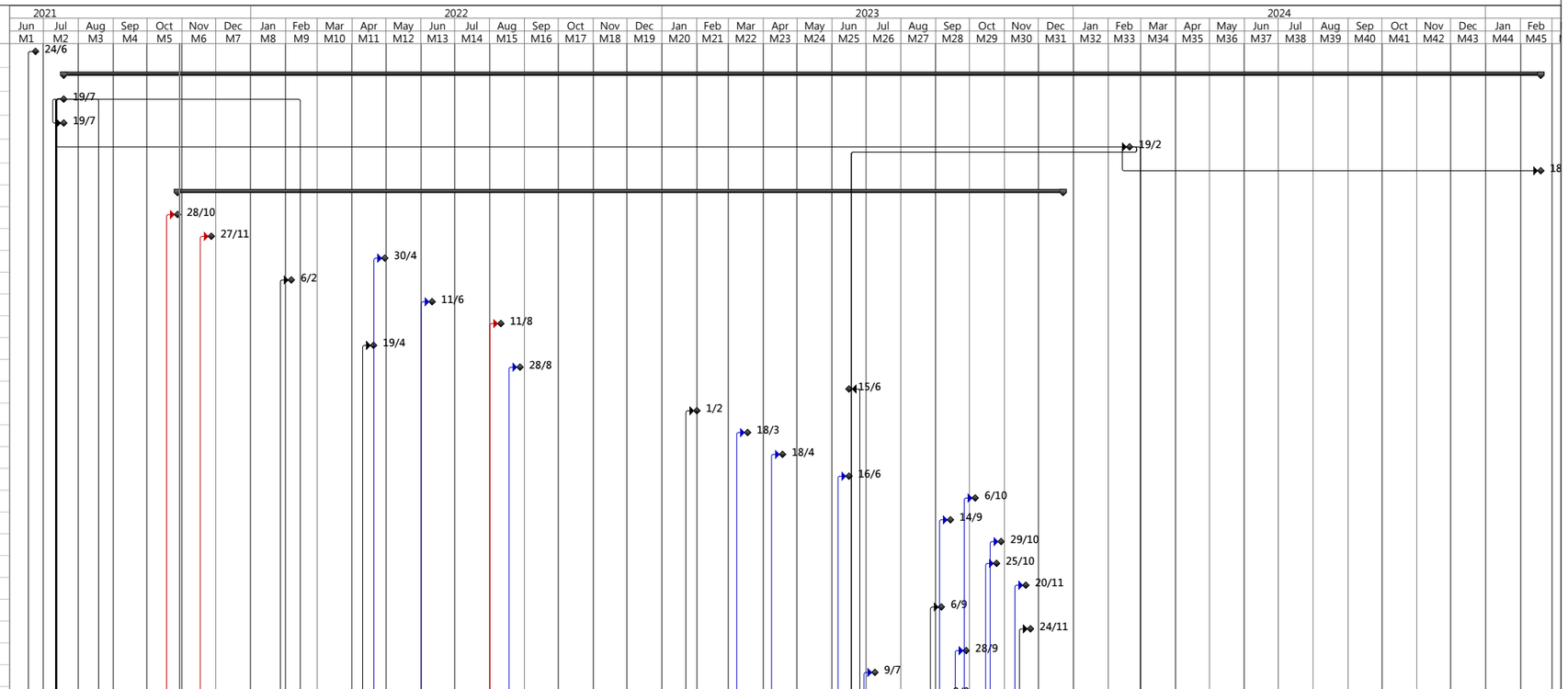
10.1.5 The ET will keep track on the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

Appendix 1

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
1	Contract Date	0 days	Thu 24/6/21	Thu 24/6/21	0
2	**Contract Period**	**1311 days**	**Mon 19/7/21**	**Tue 18/2/25**	
3	Starting Date	0 days	Mon 19/7/21	Mon 19/7/21	0
4	Access Date	0 days	Mon 19/7/21	Mon 19/7/21	0
5	Contract Period (945 days after starting date)	0 days	Mon 19/2/24	Mon 19/2/24	0
6	Defects Date	0 days	Tue 18/2/25	Tue 18/2/25	0
7	**Major Milestones Tasks**	**786 days**	**Thu 28/10/21**	**Sat 23/12/23**	
8	Commencement of Predrilling Works	0 days	Thu 28/10/21	Thu 28/10/21	0
9	Commencement of Piling Works	0 days	Sat 27/11/21	Sat 27/11/21	0
10	Commencement of Substructure Works	0 days	Sat 30/4/22	Sat 30/4/22	0
11	Commencement of Off-site Mock-up	0 days	Sun 6/2/22	Sun 6/2/22	0
12	PQDVC Workstage 3 Part II Presentation	0 days	Sat 11/6/22	Sat 11/6/22	0
13	Commencement of MiC Fabrication	0 days	Thu 11/8/22	Thu 11/8/22	0
14	Commencement of DfMA/Precast Fabrication	0 days	Tue 19/4/22	Tue 19/4/22	0
15	Commencement of Superstructure Works	0 days	Sun 28/8/22	Sun 28/8/22	0
16	Completion of Superstructure Works	0 days	Thu 15/6/23	Thu 15/6/23	0
17	Commencement of Finishing Works	0 days	Wed 1/2/23	Wed 1/2/23	0
18	Handover of TX Room to Subcontractor	0 days	Sat 18/3/23	Sat 18/3/23	0
19	Handover of TX Room to HKE	0 days	Tue 18/4/23	Tue 18/4/23	0
20	Handover of Lift Shaft/Lift Machine Room	0 days	Fri 16/6/23	Fri 16/6/23	0
21	Energization of LV Switchboard	0 days	Fri 6/10/23	Fri 6/10/23	0
22	Letter to FS for DG Inspection	0 days	Thu 14/9/23	Thu 14/9/23	0
23	Lift Form 5 to EMSD	0 days	Sun 29/10/23	Sun 29/10/23	0
24	WWO46 Part IV to WSD (FS)	0 days	Wed 25/10/23	Wed 25/10/23	0
25	Receipt of Part V from WSD (FS)	0 days	Mon 20/11/23	Mon 20/11/23	0
26	WWO46 Part IV to WSD (Fresh & Flushing)	0 days	Wed 6/9/23	Wed 6/9/23	0
27	Receipt of Part Vb from WSD (Fresh & Flushing)	0 days	Fri 24/11/23	Fri 24/11/23	0
28	Drainage Connection	0 days	Thu 28/9/23	Thu 28/9/23	0
29	Final GBP submission to FSD	0 days	Sun 9/7/23	Sun 9/7/23	0
30	Final VAC submission to FSD	0 days	Fri 8/9/23	Fri 8/9/23	0
31	Form 501 submit to FSD	0 days	Fri 8/12/23	Fri 8/12/23	0
32	1st FS Inspection	0 days	Sat 23/12/23	Sat 23/12/23	0
33	**Contractual and Statutory Submission**	**786 days**	**Wed 30/6/21**	**Thu 24/8/23**	
34	**Statutory Submission and Notification**	**60 days**	**Mon 19/7/21**	**Thu 16/9/21**	
35	Notification to Labour Department	7 days	Mon 19/7/21	Sun 25/7/21	3
36	Notification to CITA and PCFB	14 days	Mon 19/7/21	Sun 1/8/21	3
37	Notification to EPD	1 day	Mon 19/7/21	Mon 19/7/21	1
38	EPD - Dumping License Application	21 days	Mon 19/7/21	Sun 8/8/21	3
39	EPD - Waste Water Discharge License	60 days	Mon 19/7/21	Thu 16/9/21	3
40	EPD - Chemical Waste Producer	14 days	Mon 19/7/21	Sun 1/8/21	5
41	**Initial Contractual Submission after Contract Date**	**786 days**	**Wed 30/6/21**	**Thu 24/8/23**	0
42	Submission of First Programme	1 day	Wed 7/7/21	Wed 7/7/21	0
43	Submission of Contractor's Management Team key person	1 day	Tue 13/7/21	Tue 13/7/21	0
44	Submission of Draft Safety Plan	1 day	Thu 8/7/21	Thu 8/7/21	0
45	Submission of Draft Quality Plan	1 day	Fri 9/7/21	Fri 9/7/21	0
46	Submission of Draft Environmental Management Plan	1 day	Tue 13/7/21	Tue 13/7/21	0
47	Submission of Subcontractor management plan	1 day	Tue 6/7/21	Tue 6/7/21	0
48	Submission of Site Aspect Schedule	1 day	Fri 30/7/21	Fri 30/7/21	0
49	Submission of Site Management Plan for Trip Ticket	1 day	Wed 4/8/21	Wed 4/8/21	0
50	Submission of Project Design Plan	1 day	Wed 30/6/21	Wed 30/6/21	0
51	Submission of BIM O-Chart & Qualification	1 day	Wed 7/7/21	Wed 7/7/21	0
52	Submission of CLO qualification	1 day	Fri 2/7/21	Fri 2/7/21	0
53	Submission of designated bank, arrangement details for payment of wages to all the Site Personnel	1 day	Fri 2/7/21	Fri 2/7/21	0
54	Submission of DWSS (on hold until PMI)	30 days	Mon 19/7/21	Tue 17/8/21	0
55	Submission to DSD/GEO for GI/Geotechnical Works	1 day	Thu 29/7/21	Thu 29/7/21	0
56	Submission to Civil Aviation Department for tower crane erection	30 days	Thu 31/3/22	Fri 29/4/22	7
57	**Submission to HKE for Transformer Room Layout**	**155 days**	**Thu 19/8/21**	**Thu 20/1/22**	
58	1st submission to HKE	1 day	Thu 19/8/21	Thu 19/8/21	0
59	1st comment from HKE	30 days	Fri 20/8/21	Sat 18/9/21	0
60	2nd submission to HKE	1 day	Wed 20/10/21	Wed 20/10/21	0
61	2nd comment from HKE	30 days	Thu 21/10/21	Fri 19/11/21	0



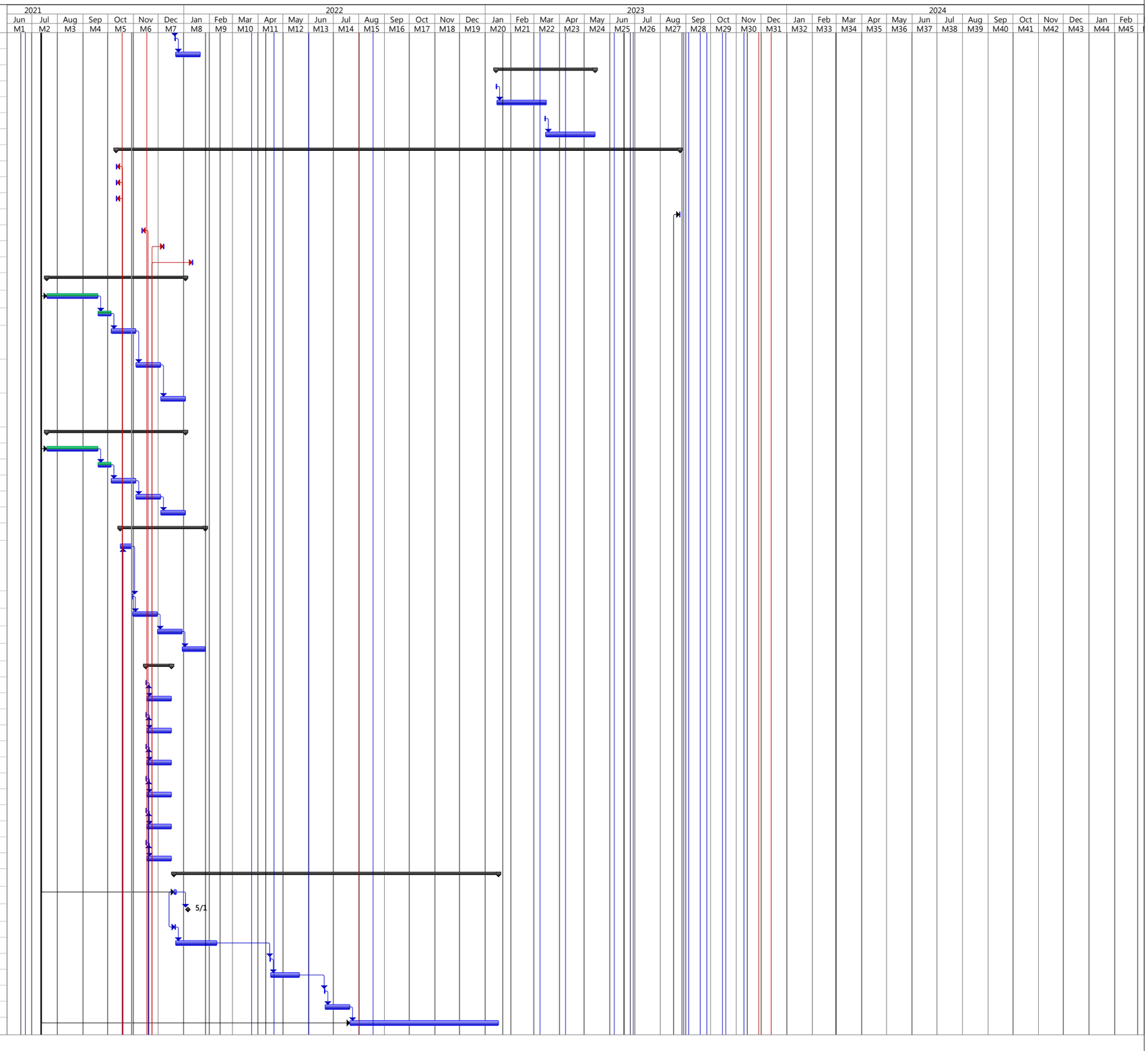
Task Critical Task Milestone Summary Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
62	3rd submission to HKE	1 day	Tue 21/12/21	Tue 21/12/21	0
63	3rd comment from HKE	30 days	Wed 22/12/21	Thu 20/1/22	0
64	**Submission for Emergency Genset Drawing**	**120 days**	**Sat 14/1/23**	**Sat 13/5/23**	**0**
65	Submission to EPD	1 day	Sat 14/1/23	Sat 14/1/23	0
66	Comment from EPD	60 days	Sun 15/1/23	Wed 15/3/23	0
67	Submission to FSD	1 day	Tue 14/3/23	Tue 14/3/23	0
68	Comment from FSD	60 days	Wed 15/3/23	Sat 13/5/23	0
69	**Submission for Environmental Permit to EPD**	**683 days**	**Mon 11/10/21**	**Thu 24/8/23**	
70	Submission of Contractor O-Chart to EPD	1 day	Mon 11/10/21	Tue 12/10/21	0
71	Submission of Construction Noise Management Plan	1 day	Mon 11/10/21	Tue 12/10/21	0
72	Landscape Mitigation Plan	1 day	Mon 11/10/21	Tue 12/10/21	0
73	Landscaping Management Plan	1 day	Thu 24/8/23	Thu 24/8/23	0
74	Submission of Baseline Monitoring Report	1 day	Thu 11/11/21	Fri 12/11/21	0
75	Submission of 1st EM&A Report	1 day	Tue 7/12/21	Tue 7/12/21	0
76	Set up of Website for Environmental Monitoring and Project Data	1 day	Tue 11/1/22	Tue 11/1/22	0
77	**Traffic Impact Assessment (TIA)**	**168 days**	**Mon 19/7/21**	**Sun 2/1/22**	
78	Draft detailed TIA assessment report submission preparation	62 days	Mon 19/7/21	Sat 18/9/21	14
79	Draft Report Submission to TD	16 days	Sun 19/9/21	Mon 4/10/21	0
80	TD comments on the report (subject to TD selection of survey period)	30 days	Tue 5/10/21	Wed 3/11/21	7
81	TD final report submission preparation (subject to TD selection of survey period)	30 days	Thu 4/11/21	Fri 3/12/21	7
82	Final Report approval by TD (subject to TD selection of survey period)	30 days	Sat 4/12/21	Sun 2/1/22	7
83	**Construction Traffic Impact Assessment (CTIA)**	**168 days**	**Mon 19/7/21**	**Sun 2/1/22**	
84	Draft CTIA report submission preparation	62 days	Mon 19/7/21	Sat 18/9/21	14
85	Draft Report Submission to TD	16 days	Sun 19/9/21	Mon 4/10/21	0
86	TD comments on the report (subject to TD selection of survey period	30 days	Tue 5/10/21	Wed 3/11/21	7
87	TD final report submission preparation (subject to TD selection of su	30 days	Thu 4/11/21	Fri 3/12/21	7
88	Final approval by TD (subject to TD selection of survey period)	30 days	Sat 4/12/21	Sun 2/1/22	7
89	**Glare Impact Assessment (GIA)**	**103 days**	**Sat 16/10/21**	**Wed 26/1/22**	
90	Draft GIA report (to demonstrate the design of the building facades and choice of façade material would have no adverse glare impact to the nearby sensitive receivers)	14 days	Sat 16/10/21	Fri 29/10/21	14
91	Draft report submission to PM	1 day	Sat 30/10/21	Sat 30/10/21	0
92	PM's comment on the report	30 days	Sun 31/10/21	Mon 29/11/21	7
93	GIA final report preparation	30 days	Tue 30/11/21	Wed 29/12/21	7
94	Final report approval by PM	28 days	Thu 30/12/21	Wed 26/1/22	7
95	**Submission of GBP to Government Departments**	**31 days**	**Tue 16/11/21**	**Thu 16/12/21**	
96	Submission to DLO	1 day	Tue 16/11/21	Tue 16/11/21	0
97	Comment from DLO	30 days	Wed 17/11/21	Thu 16/12/21	0
98	Submission to FSD	1 day	Tue 16/11/21	Tue 16/11/21	0
99	Comment from FSD	30 days	Wed 17/11/21	Thu 16/12/21	0
100	Submission to PlanD	1 day	Tue 16/11/21	Tue 16/11/21	0
101	Comment from PlanD	30 days	Wed 17/11/21	Thu 16/12/21	0
102	Submission to EPD	1 day	Tue 16/11/21	Tue 16/11/21	0
103	Comment from EPD	30 days	Wed 17/11/21	Thu 16/12/21	0
104	Submission to HyD	1 day	Tue 16/11/21	Tue 16/11/21	0
105	Comment from HyD	30 days	Wed 17/11/21	Thu 16/12/21	0
106	Submission to TD	1 day	Tue 16/11/21	Tue 16/11/21	0
107	Comment from TD	30 days	Wed 17/11/21	Thu 16/12/21	0
108	**BEAM Plus Project Assessment Process**	**393 days**	**Mon 20/12/21**	**Mon 16/1/23**	**0**
109	BEAM Registration	3 days	Mon 20/12/21	Wed 22/12/21	0
110	Acknowledge letter from HKGBC	0 days	Wed 5/1/22	Wed 5/1/22	0
111	1st PA submission	1 day	Tue 21/12/21	Tue 21/12/21	0
112	Receive BSL 1st comment	50 days	Wed 22/12/21	Wed 9/2/22	0
113	2nd PA submission	1 day	Fri 15/4/22	Fri 15/4/22	0
114	Receive BSL 2nd comment	35 days	Sat 16/4/22	Fri 20/5/22	0
115	Final PA submission	1 day	Mon 20/6/22	Mon 20/6/22	0
116	PA result	30 days	Tue 21/6/22	Wed 20/7/22	0
117	Submission & Assessment for Provisional Certification (PA)	180 days	Thu 21/7/22	Mon 16/1/23	14



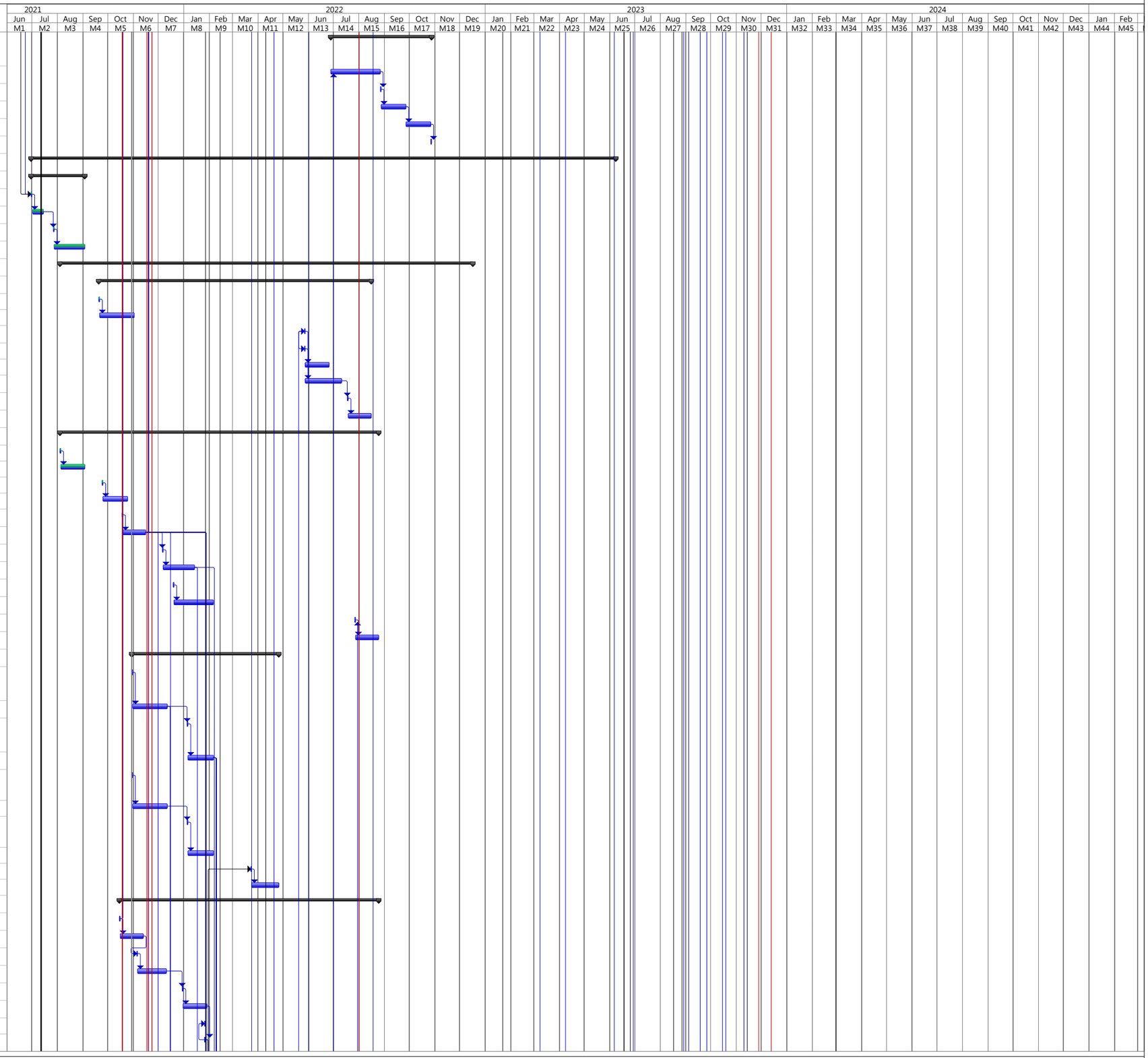
Task | Critical Task | Milestone | Summary | Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
118	**Life Cycle Assessment (LCA) and Life Cycle Costing (LCC) Tool Analysis**	**122 days**	**Tue 28/6/22**	**Thu 27/10/22**	
119	Draft LCA and LCC report submission preparation	60 days	Tue 28/6/22	Fri 26/8/22	14
120	Draft report submission to PM & EMSD	1 day	Sat 27/8/22	Sat 27/8/22	0
121	Comments on the report by PM & EMSD	30 days	Sun 28/8/22	Mon 26/9/22	7
122	Final report submission preparation	30 days	Tue 27/9/22	Wed 26/10/22	7
123	Final report submission to PM and EMSD	1 day	Thu 27/10/22	Thu 27/10/22	0
124	**Major Design Submission**	**708 days**	**Wed 30/6/21**	**Wed 7/6/23**	
125	**Project Design Plan**	**65 days**	**Wed 30/6/21**	**Thu 2/9/21**	
126	1st submission	1 day	Wed 30/6/21	Wed 30/6/21	0
127	Acceptance / comment from ArchSD	13 days	Fri 2/7/21	Wed 14/7/21	0
128	2nd submission	1 day	Tue 27/7/21	Tue 27/7/21	0
129	Acceptance / comment from ArchSD	37 days	Wed 28/7/21	Thu 2/9/21	0
130	**Architectural Design Submission (1.2.3.1 - 1.2.3.5, 1.2.8)**	**500 days**	**Wed 4/8/21**	**Fri 16/12/22**	
131	**Hoarding Plan and Details**	**330 days**	**Mon 20/9/21**	**Mon 15/8/22**	
132	1st AIP and DDA submission (Stage 1) (including Design Checker)	1 day	Mon 20/9/21	Mon 20/9/21	0
133	Comments on 1st AIP and DDA Submission (Stage 1)	42 days	Tue 21/9/21	Mon 1/11/21	0
134	1st AIP and DDA submission (Stage 2)(including Design Checker)	1 day	Fri 27/5/22	Fri 27/5/22	0
135	Submission to Transport Dept and Highway Dept for comment	1 day	Fri 27/5/22	Fri 27/5/22	0
136	Comment from Transport Dept and Highway Dept	28 days	Sat 28/5/22	Sat 25/6/22	0
137	Comments on 1st AIP and DDA Submission (Stage 2)	42 days	Sat 28/5/22	Sun 10/7/22	0
138	2nd AIP and DDA submission (including Design & IMC Checker)	1 day	Mon 18/7/22	Mon 18/7/22	0
139	Acceptance on 2nd AIP and DDA Submission	28 days	Tue 19/7/22	Mon 15/8/22	0
140	**Master layout plan / GBP**	**386 days**	**Wed 4/8/21**	**Wed 24/8/22**	
141	1st AIP submission - column layout (including Design Checker)	1 day	Wed 4/8/21	Wed 4/8/21	0
142	Comments on 1st AIP Submission - column layout	29 days	Thu 5/8/21	Thu 2/9/21	0
143	2nd AIP submission - column layout (including Design Checker)	1 day	Fri 24/9/21	Fri 24/9/21	0
144	Comments on 2nd AIP Submission - column layout	28 days	Sat 25/9/21	Sun 24/10/21	0
145	1st AIP submission (including Design Checker)	1 day	Mon 18/10/21	Mon 18/10/21	0
146	Comments on 1st AIP Submission	28 days	Tue 19/10/21	Mon 15/11/21	0
147	2nd AIP submission (including Design Checker)	1 day	Mon 6/12/21	Mon 6/12/21	0
148	Comments on 2nd AIP Submission	35 days	Tue 7/12/21	Thu 13/1/22	0
149	1st DDA submission (including Design & IMC Checker)	1 day	Sun 19/12/21	Sun 19/12/21	0
150	Comments on 1st DDA Submission	42 days	Mon 20/12/21	Sat 5/2/22	0
151	2nd DDA submission (including Design & IMC Checker)	1 day	Wed 27/7/22	Wed 27/7/22	0
152	Acceptance on 2nd DDA Submission	28 days	Thu 28/7/22	Wed 24/8/22	0
153	**Mock Up Design**	**178 days**	**Sat 30/10/21**	**Mon 25/4/22**	
154	1st AIP and DDA submission - Facade (including Design & IMC Checker)	1 day	Sat 30/10/21	Sat 30/10/21	0
155	Comments on 1st AIP and DDA Submission - Façade	42 days	Sun 31/10/21	Sat 11/12/21	0
156	2nd AIP and DDA submission - Façade (including Design & IMC Checker)	1 day	Wed 5/1/22	Wed 5/1/22	0
157	Acceptance on 2nd AIP and DDA Submission - Façade	28 days	Thu 6/1/22	Sat 5/2/22	0
158	1st AIP and DDA submission - interior (including Design & IMC Checker)	1 day	Sat 30/10/21	Sat 30/10/21	0
159	Comments on 1st AIP and DDA Submission - interior	42 days	Sun 31/10/21	Sat 11/12/21	0
160	2nd AIP and DDA submission - interior (including Design & IMC Checker)	1 day	Wed 5/1/22	Wed 5/1/22	0
161	Acceptance on 2nd AIP and DDA Submission - interior	28 days	Thu 6/1/22	Sat 5/2/22	0
162	3rd AIP and DDA submission (façade and interior)	1 day	Wed 23/3/22	Wed 23/3/22	0
163	Acceptance on 3rd AIP and DDA submission (façade and interior)	28 days	Thu 24/3/22	Mon 25/4/22	0
164	**Elevations Design**	**314 days**	**Fri 15/10/21**	**Wed 24/8/22**	
165	1st AIP submission (including Design Checker)	1 day	Fri 15/10/21	Fri 15/10/21	0
166	Comments on 1st AIP Submission	28 days	Sat 16/10/21	Fri 12/11/21	0
167	2nd AIP submission (including Design Checker)	1 day	Fri 5/11/21	Fri 5/11/21	0
168	Comments on 2nd AIP Submission	35 days	Sat 6/11/21	Fri 10/12/21	0
169	3rd AIP submission (including Design Checker)	1 day	Thu 30/12/21	Thu 30/12/21	0
170	Acceptance on 3rd AIP Submission	28 days	Fri 31/12/21	Fri 28/1/22	0
171	Submission of OTTV submission	1 day	Wed 26/1/22	Wed 26/1/22	
172	1st DDA submission (including Design & IMC Checker)	1 day	Wed 26/1/22	Wed 26/1/22	0



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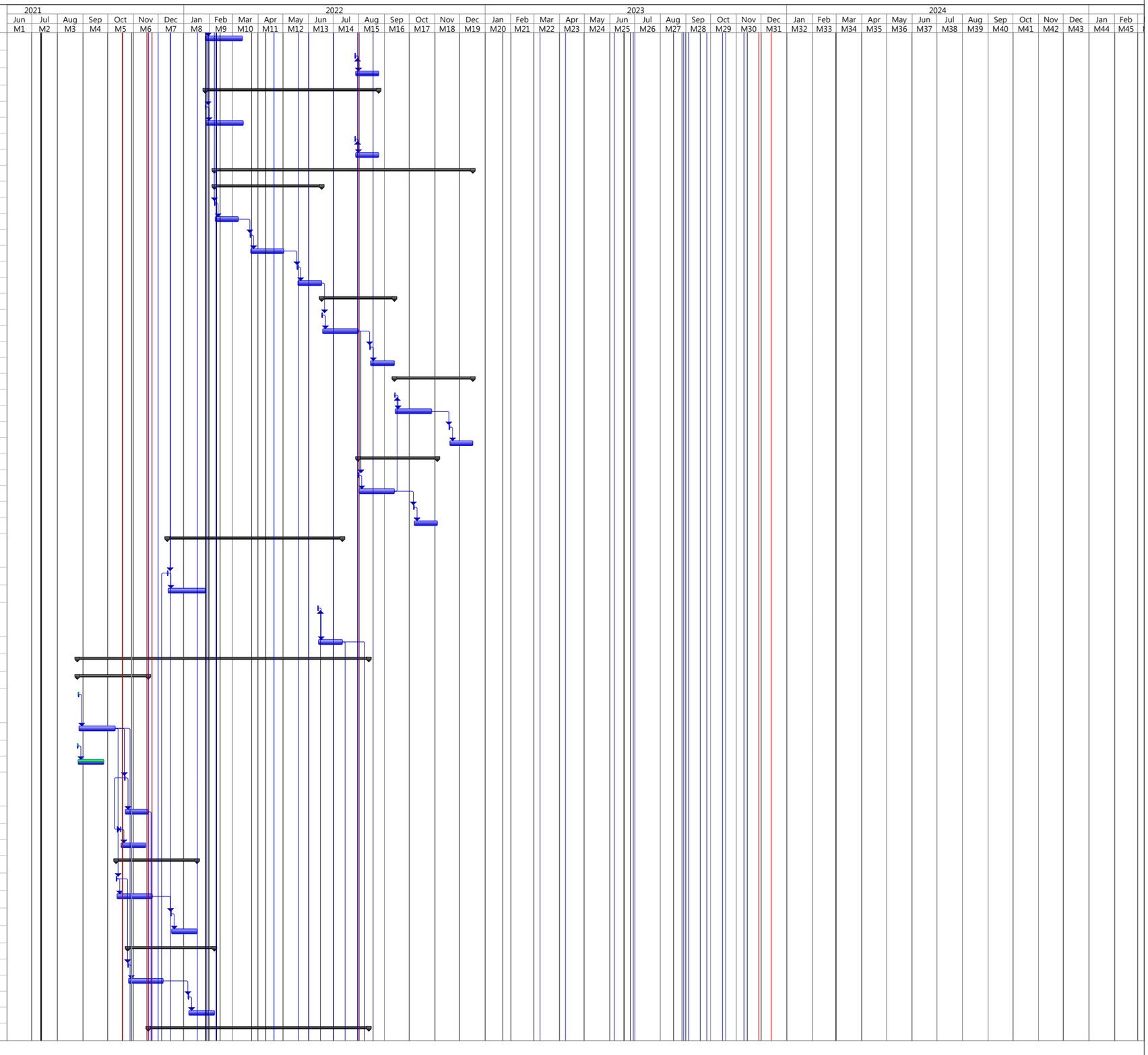
Yau Lee Construction Co., Ltd.

Task | Critical Task | Milestone | Summary | Progress

Programme (Rev. 3)

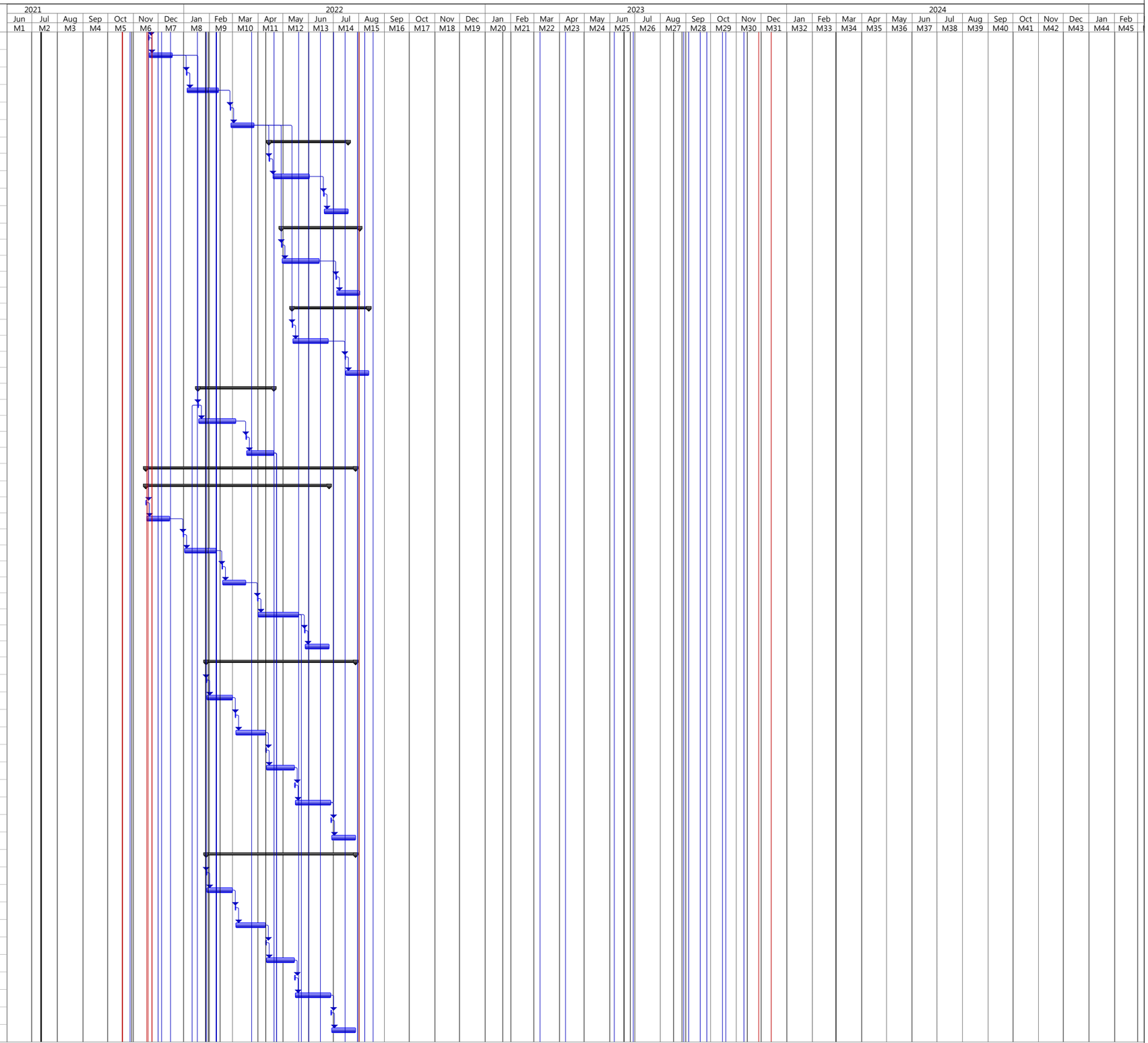
ID	Task Name	Duration	Start	Finish	Time Risk Allowance
173	Comments on 1st DDA Submission	42 days	Thu 27/1/22	Sat 12/3/22	0
174	2nd DDA submission (including Design & IMC Checker)	1 day	Wed 27/7/22	Wed 27/7/22	0
175	Acceptance on 2nd DDA Submission	28 days	Thu 28/7/22	Wed 24/8/22	0
176	**Glass Wall, Aluminium Features and Canopy Design**	**210 days**	**Thu 27/1/22**	**Wed 24/8/22**	
177	1st DDA submission (including Design & IMC Checker)	1 day	Thu 27/1/22	Thu 27/1/22	0
178	Comments on 1st DDA Submission	42 days	Fri 28/1/22	Sun 13/3/22	0
179	2nd DDA submission (including Design & IMC Checker)	1 day	Wed 27/7/22	Wed 27/7/22	0
180	Acceptance on 2nd DDA Submission	28 days	Thu 28/7/22	Wed 24/8/22	0
181	**Internal Fitting-out Plan**	**313 days**	**Mon 7/2/22**	**Fri 16/12/22**	
182	**Internal Design**	**130 days**	**Mon 7/2/22**	**Thu 16/6/22**	
183	1st AIP submission (including Design Checker)	1 day	Mon 7/2/22	Mon 7/2/22	0
184	Comments on 1st AIP Submission	28 days	Tue 8/2/22	Mon 7/3/22	0
185	2nd AIP submission (including Design Checker)	1 day	Tue 22/3/22	Tue 22/3/22	0
186	Comments on 2nd AIP Submission	35 days	Wed 23/3/22	Sun 1/5/22	0
187	3rd AIP submission (including Design Checker)	1 day	Wed 18/5/22	Wed 18/5/22	0
188	Acceptance on 3rd AIP Submission	28 days	Thu 19/5/22	Thu 16/6/22	0
189	**Interior Design**	**88 days**	**Fri 17/6/22**	**Mon 12/9/22**	
190	1st DDA submission (including Design & IMC Checker)	1 day	Fri 17/6/22	Fri 17/6/22	0
191	Comments on 1st DDA Submission	42 days	Sat 18/6/22	Sat 30/7/22	0
192	2nd DDA submission (including Design & IMC Checker)	1 day	Sun 14/8/22	Sun 14/8/22	0
193	Acceptance on 2nd DDA Submission	28 days	Mon 15/8/22	Mon 12/9/22	0
194	**Wayfinding and Graphic Design**	**95 days**	**Tue 13/9/22**	**Fri 16/12/22**	
195	1st DDA submission (including Design & IMC Checker)	1 day	Tue 13/9/22	Tue 13/9/22	0
196	Comments on 1st DDA Submission	42 days	Wed 14/9/22	Thu 27/10/22	0
197	2nd DDA submission (including Design & IMC Checker)	1 day	Fri 18/11/22	Fri 18/11/22	0
198	Acceptance on 2nd DDA Submission	28 days	Sat 19/11/22	Fri 16/12/22	0
199	**Special Interior Design**	**96 days**	**Sun 31/7/22**	**Thu 3/11/22**	
200	1st DDA submission (including Design & IMC Checker)	1 day	Sun 31/7/22	Sun 31/7/22	0
201	Comments on 1st DDA Submission	42 days	Mon 1/8/22	Mon 12/9/22	0
202	2nd DDA submission (including Design & IMC Checker)	1 day	Thu 6/10/22	Thu 6/10/22	0
203	Acceptance on 2nd DDA Submission	28 days	Fri 7/10/22	Thu 3/11/22	0
204	**Design for Modular-integrated Construction (MiC) including Architectural, Structural and Building Services**	**212 days**	**Sun 12/12/21**	**Mon 11/7/22**	
205	1st AIP and DDA submission (including Design & IMC Checker)	1 day	Sun 12/12/21	Sun 12/12/21	0
206	Comments on 1st AIP and DDA Submission	42 days	Mon 13/12/21	Wed 26/1/22	0
207	2nd AIP and DDA submission including finishing and fitting out details (including Design & IMC Checker)	1 day	Sun 12/6/22	Sun 12/6/22	0
208	Acceptance on 2nd AIP and DDA Submission	28 days	Mon 13/6/22	Mon 11/7/22	0
209	**Structural Design (1.2.2.1 - 1.2.2.5, 1.2.2.7)**	**353 days**	**Wed 25/8/21**	**Fri 12/8/22**	
210	**Foundation Design**	**86 days**	**Wed 25/8/21**	**Thu 18/11/21**	
211	1st AIP and DDA submission (including predrilling) (including Design Checker)	1 day	Thu 26/8/21	Thu 26/8/21	0
212	Comments on 1st AIP and DDA Submission	42 days	Fri 27/8/21	Sat 9/10/21	0
213	Submission to DSD/GEO for comment	1 day	Wed 25/8/21	Wed 25/8/21	
214	Comment from DSD/GEO	30 days	Thu 26/8/21	Sat 25/9/21	
215	2nd AIP and DDA submission (excluding predrilling) (including Design Checker)	1 day	Thu 21/10/21	Thu 21/10/21	0
216	Acceptance on 2nd AIP and DDA Submission	28 days	Fri 22/10/21	Thu 18/11/21	0
217	Submission to DSD/GEO for comment	1 day	Sat 16/10/21	Sat 16/10/21	
218	Comment from DSD/GEO	30 days	Sun 17/10/21	Mon 15/11/21	
219	**ELS Design**	**98 days**	**Mon 11/10/21**	**Sun 16/1/22**	
220	1st AIP and DDA submission (including Design Checker)	1 day	Mon 11/10/21	Mon 11/10/21	0
221	Comments on 1st AIP and DDA Submission	42 days	Tue 12/10/21	Tue 23/11/21	0
222	2nd AIP and DDA submission (including Design Checker)	1 day	Thu 16/12/21	Thu 16/12/21	0
223	Acceptance on 2nd AIP and DDA Submission	28 days	Fri 17/12/21	Sun 16/1/22	0
224	**Substructure Design**	**105 days**	**Mon 25/10/21**	**Sun 6/2/22**	
225	1st AIP and DDA submission (including Design Checker)	1 day	Mon 25/10/21	Mon 25/10/21	0
226	Comments on 1st AIP and DDA Submission	42 days	Tue 26/10/21	Mon 6/12/21	0
227	2nd AIP and DDA submission (including Design Checker)	1 day	Thu 6/1/22	Thu 6/1/22	0
228	Acceptance on 2nd AIP and DDA Submission	28 days	Fri 7/1/22	Sun 6/2/22	0
229	**Superstructure Design**	**252 days**	**Fri 19/11/21**	**Fri 12/8/22**	



Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
230	1st AIP submission (including Design & IMC Checker)	1 day	Fri 19/11/21	Fri 19/11/21	0
231	Comments on 1st AIP Submission	28 days	Sat 20/11/21	Fri 17/12/21	0
232	2nd AIP submission (including Design & IMC Checker)	1 day	Tue 4/1/22	Tue 4/1/22	0
233	Comments on 2nd AIP Submission	35 days	Wed 5/1/22	Fri 11/2/22	0
234	3rd AIP submission (including Design & IMC Checker)	1 day	Sat 26/2/22	Sat 26/2/22	0
235	Acceptance on 3rd AIP Submission	28 days	Sun 27/2/22	Sat 26/3/22	0
236	**Carpark Ramp**	**88 days**	**Thu 14/4/22**	**Mon 18/7/22**	
237	1st DDA submission (including Design & IMC Checker)	1 day	Thu 14/4/22	Thu 14/4/22	0
238	Comments on 1st DDA Submission	42 days	Tue 19/4/22	Wed 1/6/22	0
239	2nd DDA submission (including Design & IMC Checker)	1 day	Sun 19/6/22	Sun 19/6/22	0
240	Acceptance on 2nd DDA Submission	28 days	Mon 20/6/22	Mon 18/7/22	0
241	**Services Core including external wall (i.e. main lift lobby area)**	**91 days**	**Fri 29/4/22**	**Mon 1/8/22**	
242	1st DDA submission (including Design & IMC Checker)	1 day	Fri 29/4/22	Fri 29/4/22	0
243	Comments on 1st DDA Submission	42 days	Sat 30/4/22	Mon 13/6/22	0
244	2nd DDA submission (including Design & IMC Checker)	1 day	Mon 4/7/22	Mon 4/7/22	0
245	Acceptance on 2nd DDA Submission	28 days	Tue 5/7/22	Mon 1/8/22	0
246	**Car Parking Area including external wall**	**91 days**	**Thu 12/5/22**	**Fri 12/8/22**	
247	1st DDA submission (including Design & IMC Checker)	1 day	Thu 12/5/22	Thu 12/5/22	0
248	Comments on 1st DDA Submission	42 days	Fri 13/5/22	Fri 24/6/22	0
249	2nd DDA submission (including Design & IMC Checker)	1 day	Fri 15/7/22	Fri 15/7/22	0
250	Acceptance on 2nd DDA Submission	28 days	Sat 16/7/22	Fri 12/8/22	0
251	**Precast Design**	**92 days**	**Tue 18/1/22**	**Tue 19/4/22**	
252	1st AIP and DDA submission (including Design Checker)	1 day	Tue 18/1/22	Tue 18/1/22	0
253	Comments on 1st AIP and DDA Submission	42 days	Wed 19/1/22	Fri 4/3/22	0
254	2nd AIP and DDA submission (including Design Checker)	1 day	Thu 17/3/22	Thu 17/3/22	0
255	Comments on 2nd AIP and DDA Submission	28 days	Fri 18/3/22	Tue 19/4/22	0
256	**Building Services & E&M Design (1.2.4.1 - 1.2.4.5, 1.2.9)**	**254 days**	**Tue 16/11/21**	**Wed 27/7/22**	
257	**Drainage Installation (Underground)**	**222 days**	**Tue 16/11/21**	**Sat 25/6/22**	
258	1st AIP submission (including Design & IMC Checker)	1 day	Tue 16/11/21	Tue 16/11/21	0
259	Comments on 1st AIP Submission	28 days	Wed 17/11/21	Tue 14/12/21	0
260	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 31/12/21	Fri 31/12/21	0
261	Comments on 2nd AIP Submission	35 days	Sun 2/1/22	Tue 8/2/22	0
262	3rd AIP submission (including Design & IMC Checker)	1 day	Wed 16/2/22	Wed 16/2/22	0
263	Acceptance on 3rd AIP Submission	28 days	Thu 17/2/22	Wed 16/3/22	0
264	1st DDA submission (including Design & IMC Checker)	1 day	Thu 31/3/22	Thu 31/3/22	0
265	Comments on 1st DDA Submission	42 days	Fri 1/4/22	Thu 19/5/22	0
266	2nd DDA submission (including Design & IMC Checker)	1 day	Fri 27/5/22	Fri 27/5/22	0
267	Acceptance on 2nd DDA Submission	28 days	Sat 28/5/22	Sat 25/6/22	0
268	**ACMV Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
269	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
270	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
271	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
272	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
273	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
274	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
275	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
276	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
277	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
278	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
279	**Electrical Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
280	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
281	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
282	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
283	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
284	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
285	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
286	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
287	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
288	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
289	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0



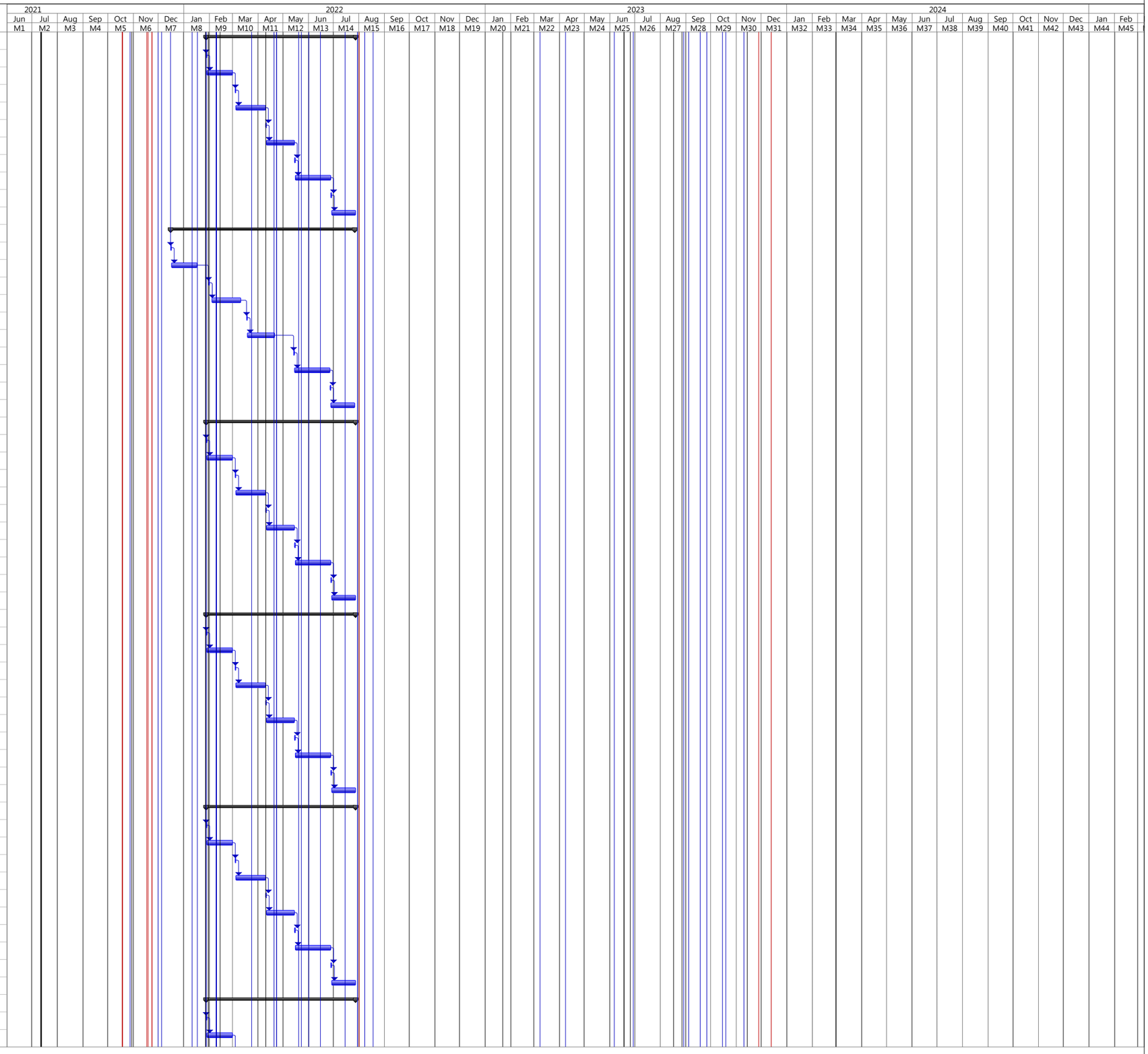
有利建築有限公司
Yau Lee Construction Co., Ltd.

Task Critical Task Milestone Summary Progress

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
290	**Low Voltage Cubicle Switchboard Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
291	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
292	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
293	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
294	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
295	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
296	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
297	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
298	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
299	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
300	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
301	**Fire Service Installation**	**223 days**	**Thu 16/12/21**	**Tue 26/7/22**	
302	1st AIP submission (including Design & IMC Checker)	1 day	Thu 16/12/21	Thu 16/12/21	0
303	Comments on 1st AIP Submission	28 days	Fri 17/12/21	Sun 16/1/22	0
304	2nd AIP submission (including Design & IMC Checker)	1 day	Mon 31/1/22	Mon 31/1/22	0
305	Comments on 2nd AIP Submission	35 days	Fri 4/2/22	Thu 10/3/22	0
306	3rd AIP submission (including Design & IMC Checker)	1 day	Fri 18/3/22	Fri 18/3/22	0
307	Acceptance on 3rd AIP Submission	28 days	Sat 19/3/22	Wed 20/4/22	0
308	1st DDA submission (including Design & IMC Checker)	1 day	Sat 14/5/22	Sat 14/5/22	0
309	Comments on 1st DDA Submission	42 days	Sun 15/5/22	Sun 26/6/22	0
310	2nd DDA submission (including Design & IMC Checker)	1 day	Mon 27/6/22	Mon 27/6/22	0
311	Acceptance on 2nd DDA Submission	28 days	Tue 28/6/22	Tue 26/7/22	0
312	**Lift Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
313	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
314	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
315	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
316	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
317	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
318	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
319	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
320	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
321	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
322	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
323	**Burglar Alarm and Security Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
324	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
325	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
326	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
327	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
328	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
329	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
330	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
331	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
332	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
333	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
334	**Diesel Generator Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
335	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
336	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
337	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
338	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
339	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
340	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
341	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
342	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
343	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
344	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
345	**Broadcast Reception Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
346	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
347	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0



Task Critical Task Milestone Summary Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

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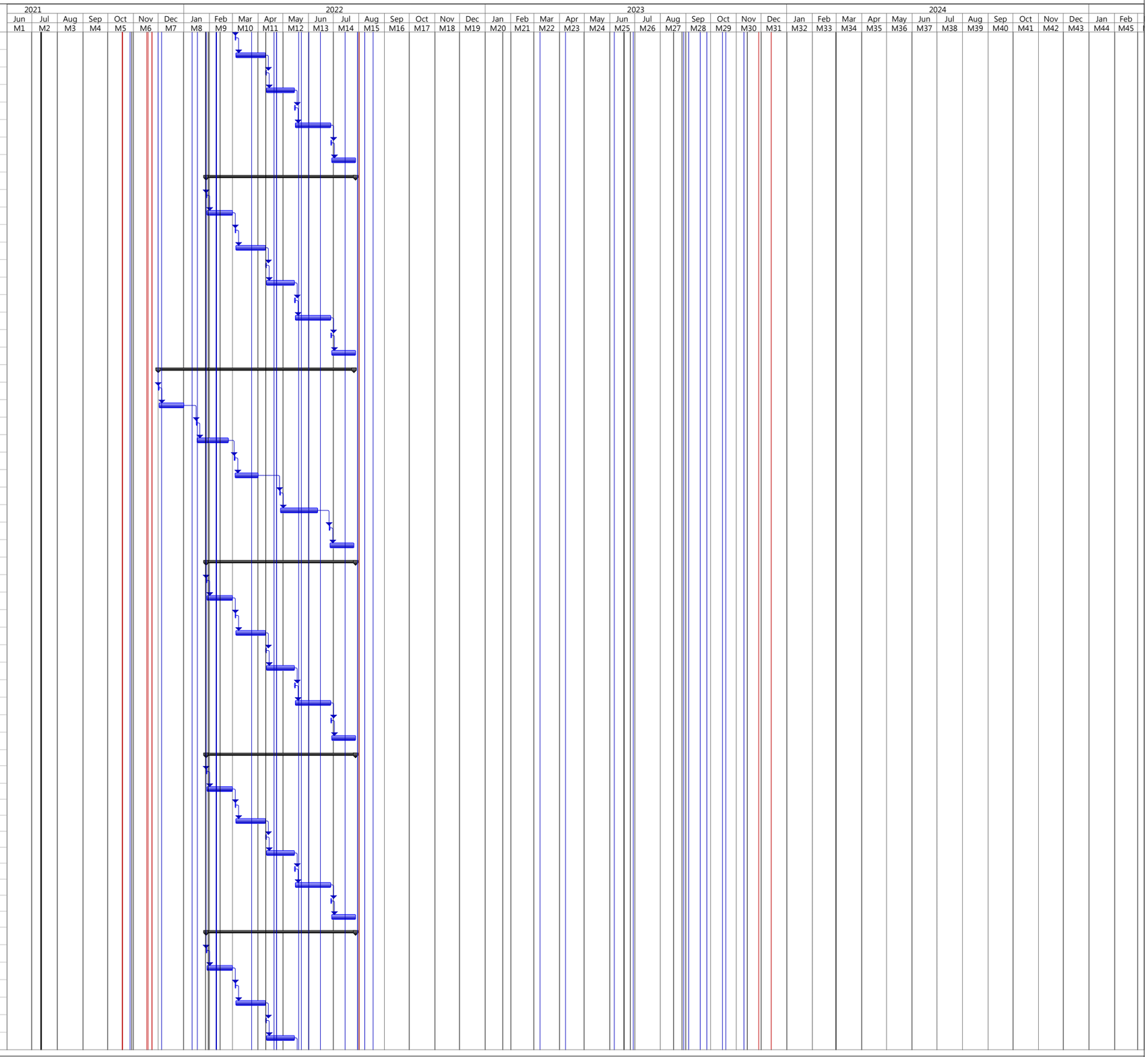
ID	Task Name	Duration	Start	Finish	Time Risk Allowance
348	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
349	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
350	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
351	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
352	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
353	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
354	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
355	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
356	**Audio Electronic Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
357	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
358	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
359	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
360	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
361	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
362	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
363	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
364	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
365	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
366	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
367	**Plumbing Installation**	**237 days**	**Wed 1/12/21**	**Mon 25/7/22**	
368	1st AIP submission (including Design & IMC Checker)	1 day	Wed 1/12/21	Wed 1/12/21	0
369	Comments on 1st AIP Submission	28 days	Thu 2/12/21	Fri 31/12/21	0
370	2nd AIP submission (including Design & IMC Checker)	1 day	Sun 16/1/22	Sun 16/1/22	0
371	Comments on 2nd AIP Submission	35 days	Mon 17/1/22	Wed 23/2/22	0
372	3rd AIP submission (including Design & IMC Checker)	1 day	Thu 3/3/22	Thu 3/3/22	0
373	Acceptance on 3rd AIP Submission	28 days	Fri 4/3/22	Thu 31/3/22	0
374	1st DDA submission (including Design & IMC Checker)	1 day	Wed 27/4/22	Wed 27/4/22	0
375	Comments on 1st DDA Submission	42 days	Thu 28/4/22	Sat 11/6/22	0
376	2nd DDA submission (including Design & IMC Checker)	1 day	Sun 26/6/22	Sun 26/6/22	0
377	Acceptance on 2nd DDA Submission	28 days	Mon 27/6/22	Mon 25/7/22	0
378	**Drainage Installation (Above Ground)**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
379	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
380	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
381	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
382	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
383	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
384	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
385	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
386	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
387	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
388	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
389	**Town Gas Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
390	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
391	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
392	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
393	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
394	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
395	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0
396	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
397	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
398	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
399	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
400	**Compressed Air System Installation**	**181 days**	**Fri 28/1/22**	**Wed 27/7/22**	
401	1st AIP submission (including Design & IMC Checker)	1 day	Fri 28/1/22	Fri 28/1/22	0
402	Comments on 1st AIP Submission	28 days	Sat 29/1/22	Mon 28/2/22	0
403	2nd AIP submission (including Design & IMC Checker)	1 day	Fri 4/3/22	Fri 4/3/22	0
404	Comments on 2nd AIP Submission	35 days	Sat 5/3/22	Sat 9/4/22	0
405	3rd AIP submission (including Design & IMC Checker)	1 day	Sun 10/4/22	Sun 10/4/22	0
406	Acceptance on 3rd AIP Submission	28 days	Mon 11/4/22	Sat 14/5/22	0



Task Critical Task Milestone Summary Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

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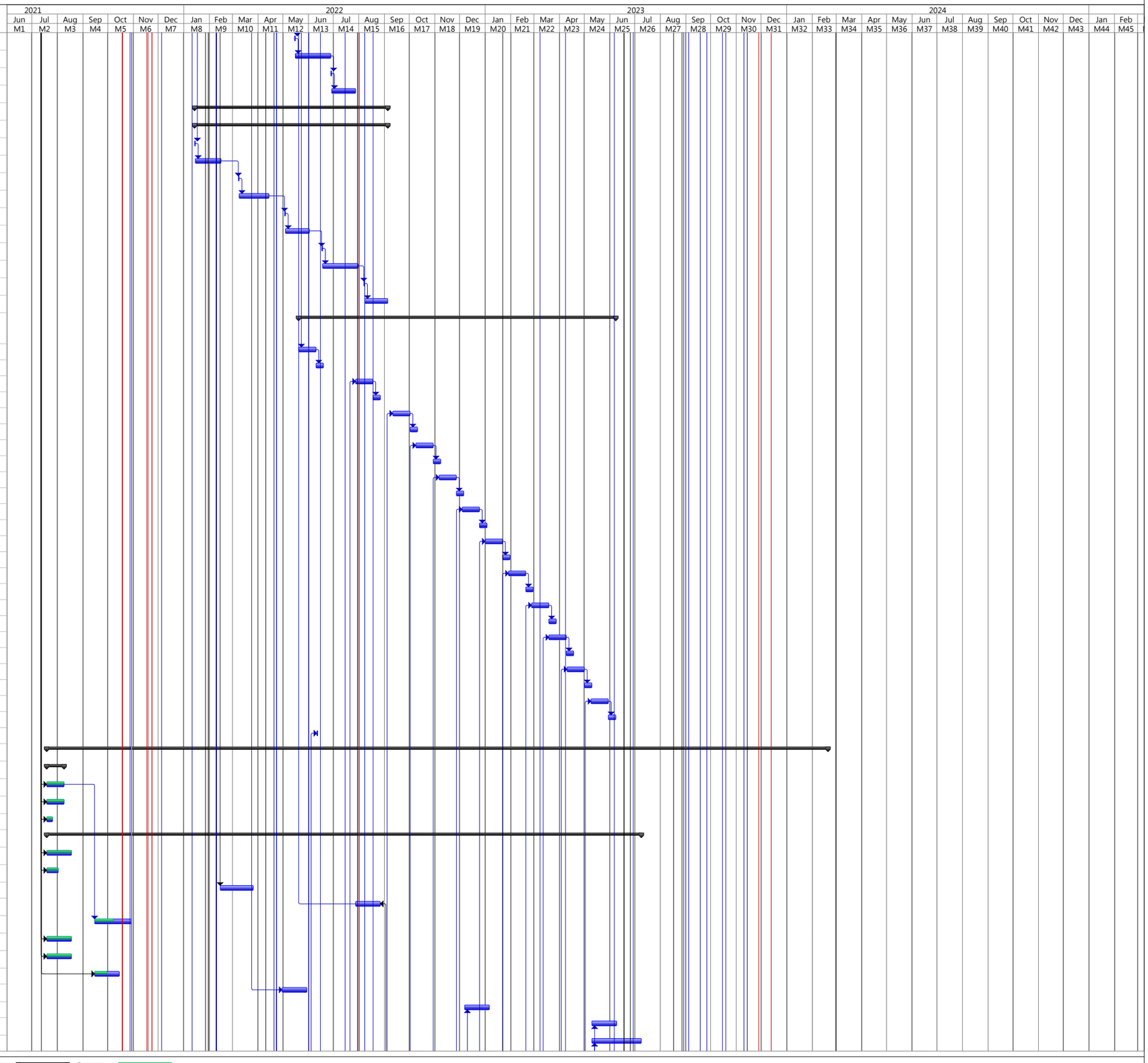
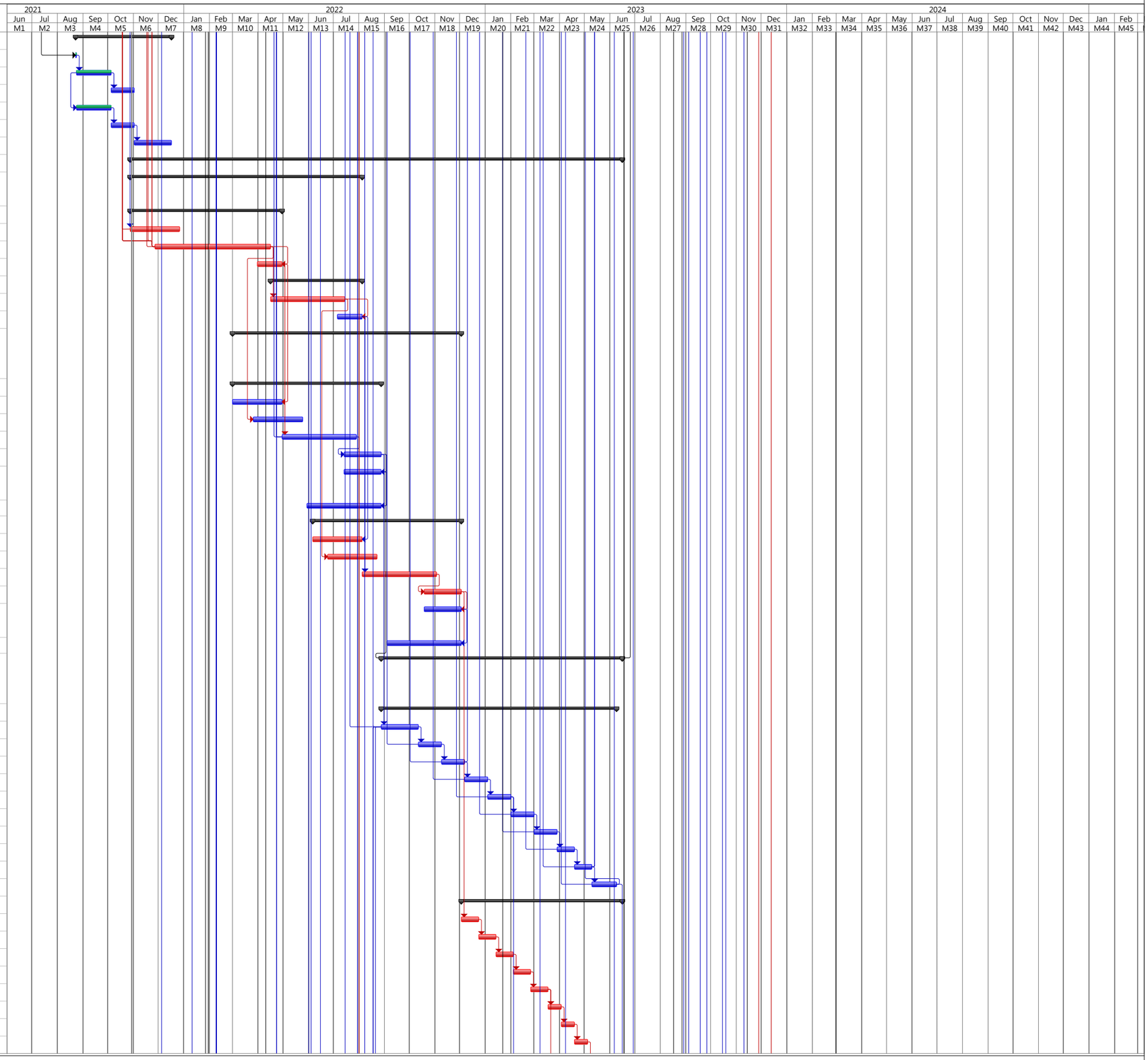
ID	Task Name	Duration	Start	Finish	Time Risk Allowance
407	1st DDA submission (including Design & IMC Checker)	1 day	Sun 15/5/22	Sun 15/5/22	0
408	Comments on 1st DDA Submission	42 days	Mon 16/5/22	Mon 27/6/22	0
409	2nd DDA submission (including Design & IMC Checker)	1 day	Tue 28/6/22	Tue 28/6/22	0
410	Acceptance on 2nd DDA Submission	28 days	Wed 29/6/22	Wed 27/7/22	0
411	**Landscape Design (1.2.5.1 - 1.2.5.5, 1.2.10)**	**234 days**	**Fri 14/1/22**	**Sun 4/9/22**	
412	**Landscape Design Proposal**	**234 days**	**Fri 14/1/22**	**Sun 4/9/22**	
413	1st AIP submission (including Design & IMC Checker)	1 day	Fri 14/1/22	Fri 14/1/22	0
414	Comments on 1st AIP Submission	28 days	Sat 15/1/22	Mon 14/2/22	0
415	2nd AIP submission (including Design & IMC Checker)	1 day	Tue 8/3/22	Tue 8/3/22	0
416	Comments on 2nd AIP Submission	35 days	Wed 9/3/22	Wed 13/4/22	0
417	3rd AIP submission (including Design & IMC Checker)	1 day	Tue 3/5/22	Tue 3/5/22	0
418	Acceptance on 3rd AIP Submission	28 days	Wed 4/5/22	Wed 1/6/22	0
419	1st DDA submission (including Design & IMC Checker)	1 day	Fri 17/6/22	Fri 17/6/22	0
420	Comments on 1st DDA Submission	42 days	Sat 18/6/22	Sat 30/7/22	0
421	2nd DDA submission (including Design & IMC Checker)	1 day	Sun 7/8/22	Sun 7/8/22	0
422	Acceptance on 2nd DDA Submission	28 days	Mon 8/8/22	Sun 4/9/22	0
423	**Combined Services Drawings and Combined Builder's Works Drawings**	**384 days**	**Fri 20/5/22**	**Wed 7/6/23**	
424	Submission of UG CSD and CWD to Designer and Checker	21 days	Fri 20/5/22	Thu 9/6/22	7
425	Approval of UG CSD and CWD	9 days	Fri 10/6/22	Sat 18/6/22	1
426	Submission of L1 CSD and CWD to Designer and Checker	21 days	Thu 28/7/22	Wed 17/8/22	7
427	Approval of L1 CSD and CWD	9 days	Thu 18/8/22	Fri 26/8/22	1
428	Submission of L2 CSD and CWD to Designer and Checker	21 days	Sun 11/9/22	Sat 1/10/22	7
429	Approval of L2 CSD and CWD	9 days	Sun 2/10/22	Mon 10/10/22	1
430	Submission of L3 CSD and CWD to Designer and Checker	21 days	Sun 9/10/22	Sat 29/10/22	7
431	Approval of L3 CSD and CWD	9 days	Sun 30/10/22	Mon 7/11/22	1
432	Submission of L3M CSD and CWD to Designer and Checker	21 days	Sun 6/11/22	Sat 26/11/22	7
433	Approval of L3M CSD and CWD	9 days	Sun 27/11/22	Mon 5/12/22	1
434	Submission of L4 CSD and CWD to Designer and Checker	21 days	Sun 4/12/22	Sat 24/12/22	7
435	Approval of L4 CSD and CWD	9 days	Sun 25/12/22	Mon 2/1/23	1
436	Submission of L5 CSD and CWD to Designer and Checker	21 days	Sun 1/1/23	Sat 21/1/23	7
437	Approval of L5 CSD and CWD	9 days	Sun 22/1/23	Mon 30/1/23	1
438	Submission of L6 CSD and CWD to Designer and Checker	21 days	Sun 29/1/23	Sat 18/2/23	7
439	Approval of L6 CSD and CWD	9 days	Sun 19/2/23	Mon 27/2/23	1
440	Submission of L7 CSD and CWD to Designer and Checker	21 days	Sun 26/2/23	Sat 18/3/23	7
441	Approval of L7 CSD and CWD	9 days	Sun 19/3/23	Mon 27/3/23	1
442	Submission of L8 CSD and CWD to Designer and Checker	21 days	Sun 19/3/23	Sat 8/4/23	7
443	Approval of L8 CSD and CWD	9 days	Sun 9/4/23	Mon 17/4/23	1
444	Submission of RF CSD and CWD to Designer and Checker	21 days	Mon 10/4/23	Sun 30/4/23	7
445	Approval of RF CSD and CWD	9 days	Mon 1/5/23	Tue 9/5/23	1
446	Submission of UR CSD and CWD to Designer and Checker	21 days	Tue 9/5/23	Mon 29/5/23	7
447	Approval of UR CSD and CWD	9 days	Tue 30/5/23	Wed 7/6/23	1
448	**PQDVC Workstage 3 Part II Presentation**	**1 day**	**Sat 11/6/22**	**Sat 11/6/22**	0
449	**Construction**	**946 days**	**Mon 19/7/21**	**Mon 19/2/24**	
450	**Site Verification**	**21 days**	**Mon 19/7/21**	**Sun 8/8/21**	
451	Condition, Topographic and Utilities Survey	21 days	Mon 19/7/21	Sun 8/8/21	7
452	CCTV survey for the Existing U/G drainage	21 days	Mon 19/7/21	Sun 8/8/21	7
453	Boundary Line Setting out Works	7 days	Mon 19/7/21	Sun 25/7/21	1
454	**Site Mobilization and Preparation (1.1.2 - 1.1.6)**	**720 days**	**Mon 19/7/21**	**Sat 8/7/23**	
455	Set up temporary site office and facilities	30 days	Mon 19/7/21	Tue 17/8/21	7
456	Set up temporary hoarding / fencing for security purpose	14 days	Mon 19/7/21	Sun 1/8/21	3
457	Application for XP to TD & HyD for hoarding works	40 days	Mon 14/2/22	Fri 25/3/22	7
458	Set up revised hoarding	30 days	Thu 28/7/22	Sat 27/8/22	7
459	Set up monitoring checkpoints	45 days	Wed 15/9/21	Fri 29/10/21	7
460	Temporary electrical, water and IT connection	30 days	Mon 19/7/21	Tue 17/8/21	7
461	Set up site temporary drainage system	30 days	Mon 19/7/21	Tue 17/8/21	7
462	Ground Investigation Works	30 days	Wed 15/9/21	Thu 14/10/21	7
463	Erection of tower crane	30 days	Sat 30/4/22	Sun 29/5/22	7
464	Erection of temporary refuse chute	30 days	Wed 7/12/22	Thu 5/1/23	7
465	Erection of material hoist	30 days	Wed 10/5/23	Thu 8/6/23	7
466	Erection of passenger hoist	60 days	Wed 10/5/23	Sat 8/7/23	7



Task Critical Task Milestone Summary Progress

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
467	**Tree Removal and Preservation**	**116 days**	**Mon 23/8/21**	**Thu 16/12/21**	
468	Conducting Initial Tree Survey	1 day	Mon 23/8/21	Mon 23/8/21	0
469	Submission of Initial Tree Survey Report	42 days	Tue 24/8/21	Mon 4/10/21	3
470	Acceptance of Initial Tree Survey Report	28 days	Tue 5/10/21	Mon 1/11/21	7
471	Submission of method statement for tree removal and protection	42 days	Tue 24/8/21	Mon 4/10/21	7
472	Acceptance of method statement for tree removal and protection	28 days	Tue 5/10/21	Mon 1/11/21	7
473	Tree removal and protection works	45 days	Tue 2/11/21	Thu 16/12/21	7
474	**Structural Works**	**596 days**	**Thu 28/10/21**	**Thu 15/6/23**	
475	**Piling Works (2.1.1 - 2.1.19) *Equipment and resources refer to separated method statement (1) & (2)**	**281 days**	**Thu 28/10/21**	**Thu 4/8/22**	
476	**Zone A**	**184 days**	**Thu 28/10/21**	**Fri 29/4/22**	
477	Pre-drilling	60 days	Thu 28/10/21	Sun 26/12/21	7
478	Piling works (29 nos)	140 days	Sat 27/11/21	Fri 15/4/22	14
479	Piling test	30 days	Thu 31/3/22	Fri 29/4/22	7
480	**Zone B**	**111 days**	**Sat 16/4/22**	**Thu 4/8/22**	
481	Piling works (20 nos)	90 days	Sat 16/4/22	Thu 14/7/22	14
482	Piling test	30 days	Wed 6/7/22	Thu 4/8/22	7
483	**Substructure Works (3.1.1 - 3.1.20, 3.2.1 - 3.3.20, 6.1.1.1-6.1.1.4, 6.1.3.1-6.1.3.5) *Equipment and resources refer to separated method statement (3) & (4)**	**277 days**	**Tue 1/3/22**	**Fri 2/12/22**	
484	**Zone A**	**180 days**	**Tue 1/3/22**	**Sat 27/8/22**	
485	Sheet pile Installation	60 days	Tue 1/3/22	Fri 29/4/22	14
486	ELS works	60 days	Sat 26/3/22	Tue 24/5/22	14
487	Pile cap construction	90 days	Sat 30/4/22	Thu 28/7/22	14
488	Substructure & L1 slab	45 days	Thu 14/7/22	Sat 27/8/22	14
489	Underground Services Works (5.1.1 - 5.1.10, 5.2.1 - 5.2.10, 5.3.1 - 5.3.10)	45 days	Thu 14/7/22	Sat 27/8/22	14
490	Backfilling Works	90 days	Mon 30/5/22	Sat 27/8/22	14
491	**Zone B**	**180 days**	**Mon 6/6/22**	**Fri 2/12/22**	
492	Sheet pile Installation	60 days	Mon 6/6/22	Thu 4/8/22	14
493	ELS works	60 days	Fri 24/6/22	Mon 22/8/22	14
494	Pile cap construction	90 days	Fri 5/8/22	Wed 2/11/22	14
495	Substructure & L1 slab	45 days	Wed 19/10/22	Fri 2/12/22	14
496	Underground Services Works (5.1.1 - 5.1.10, 5.2.1 - 5.2.10, 5.3.1 - 5.3.10)	45 days	Wed 19/10/22	Fri 2/12/22	14
497	Backfilling Works	90 days	Sun 4/9/22	Fri 2/12/22	14
498	**Superstructure Works (4.1.1.1 - 4.1.1.20, 4.22.1.1 - 4.22.1.15, 4.22.2.1 - 4.22.2.2) *Equipment and resources refer to separated method statement (5)**	**292 days**	**Sun 28/8/22**	**Thu 15/6/23**	
499	**Carpark Ramp and Service Core**	**285 days**	**Sun 28/8/22**	**Thu 8/6/23**	
500	L1 to L2	45 days	Sun 28/8/22	Tue 11/10/22	14
501	L2 to L3	28 days	Wed 12/10/22	Tue 8/11/22	7
502	L3 to L3M	28 days	Wed 9/11/22	Tue 6/12/22	7
503	L3M to L4	28 days	Wed 7/12/22	Tue 3/1/23	7
504	L4 to L5	28 days	Wed 4/1/23	Tue 31/1/23	7
505	L5 to L6	28 days	Wed 1/2/23	Tue 28/2/23	7
506	L6 to L7	28 days	Wed 1/3/23	Tue 28/3/23	7
507	L7 to L8	21 days	Wed 29/3/23	Tue 18/4/23	7
508	L8 to R/F	21 days	Wed 19/4/23	Tue 9/5/23	7
509	R/F to UR/F	30 days	Wed 10/5/23	Thu 8/6/23	7
510	**Office and Car Parking Space**	**195 days**	**Sat 3/12/22**	**Thu 15/6/23**	
511	L1 to L2	21 days	Sat 3/12/22	Fri 23/12/22	7
512	L2 to L3	21 days	Sat 24/12/22	Fri 13/1/23	7
513	L3 to L3M	21 days	Sat 14/1/23	Fri 3/2/23	7
514	L3M to L4	21 days	Sat 4/2/23	Fri 24/2/23	7
515	L4 to L5	21 days	Sat 25/2/23	Fri 17/3/23	7
516	L5 to L6	16 days	Sat 18/3/23	Sun 2/4/23	7
517	L6 to L7	16 days	Mon 3/4/23	Tue 18/4/23	7
518	L7 to L8	16 days	Wed 19/4/23	Thu 4/5/23	7



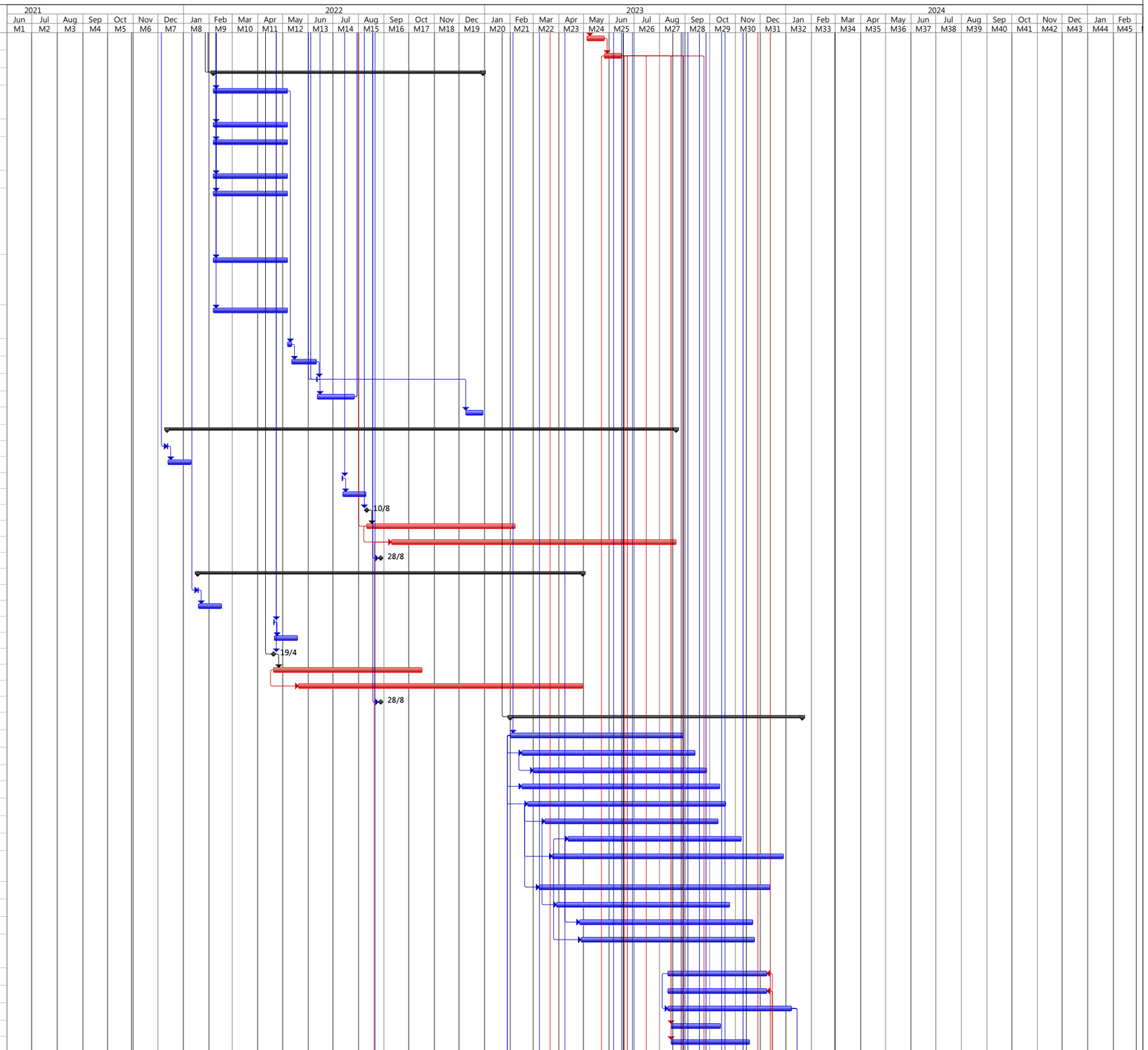
Task Critical Task Milestone Summary Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
519	L8 to R/F	21 days	Fri 5/5/23	Thu 25/5/23	7
520	R/F to UR/F	21 days	Fri 26/5/23	Thu 15/6/23	7
521	**Off-site Mock Up**	**327 days**	**Sun 6/2/22**	**Thu 29/12/22**	
522	Typical lift lobby including lift doors, lift car interiors, signage, indication panels & architraves	90 days	Sun 6/2/22	Fri 6/5/22	14
523	Typical reception counter	90 days	Sun 6/2/22	Fri 6/5/22	14
524	Typical public male & female toilets, each containing 3 water closets, 3 urinals (for male toilet only), and 3 wash hand basins	90 days	Sun 6/2/22	Fri 6/5/22	14
525	Accessible toilet	90 days	Sun 6/2/22	Fri 6/5/22	14
526	Typical staff toilets cum changing areas, shower and locker space (male & female) each with 3 water closets, 3 urinals (for male toilet only), 3 wash hand basins, 2 shower cubicles, and changing areas with 6 tiers of lockers	90 days	Sun 6/2/22	Fri 6/5/22	14
527	System of external wall with windows (about 6m wide by 2 storey high) including all projections and sun-shading devices cladding, openable windows, blinds and parapet wall	90 days	Sun 6/2/22	Fri 6/5/22	14
528	A section of internal space with wall/floor/ceiling finishes of about 3m deep	90 days	Sun 6/2/22	Fri 6/5/22	14
529	Project Manager's inspection of off-site mock up	5 days	Sat 7/5/22	Wed 11/5/22	1
530	Fine-Tune of off-site mock up	30 days	Thu 12/5/22	Fri 10/6/22	14
531	PQDVC Workstage 3 Part II Presentation	1 day	Sat 11/6/22	Sat 11/6/22	0
532	Incorporate comments received after PQDVC to mock up	45 days	Sun 12/6/22	Tue 26/7/22	14
533	Demolish the off-site mock-ups (6 months after PQDVC)	21 days	Fri 9/12/22	Thu 29/12/22	3
534	**MiC Fabrication**	**617 days**	**Sun 12/12/21**	**Sun 20/8/23**	
535	Submission of MiC QA/QC Plan	1 day	Sun 12/12/21	Sun 12/12/21	0
536	Comment on MiC QA/QC Plan	28 days	Mon 13/12/21	Sun 9/1/22	7
537	Submission of MiC Shop Drawing	1 day	Tue 12/7/22	Tue 12/7/22	0
538	Acceptance of MiC Shop Drawing	28 days	Wed 13/7/22	Tue 9/8/22	7
539	Acceptance of MiC Design with all details & materials	0 days	Wed 10/8/22	Wed 10/8/22	0
540	MiC mould manufacturing	180 days	Thu 11/8/22	Mon 6/2/23	14
541	MiC units fabrication	345 days	Sat 10/9/22	Sun 20/8/23	14
542	Commencement of MiC delivery/ installation	0 days	Sun 28/8/22	Sun 28/8/22	0
543	**Precast Fabrication**	**467 days**	**Tue 18/1/22**	**Sat 29/4/23**	
544	Submission of Precast QA/QC Plan	1 day	Tue 18/1/22	Tue 18/1/22	0
545	Comment on Precast QA/QC Plan	28 days	Wed 19/1/22	Tue 15/2/22	7
546	Submission of Precast Shop Drawing	1 day	Wed 20/4/22	Wed 20/4/22	0
547	Acceptance of Precast Shop Drawing	28 days	Thu 21/4/22	Wed 18/5/22	7
548	Acceptance of Precast Design with all details	0 days	Tue 19/4/22	Tue 19/4/22	0
549	Precast mould manufacturing	180 days	Wed 20/4/22	Sun 16/10/22	14
550	Precast fabrication	345 days	Fri 20/5/22	Sat 29/4/23	14
551	Commencement of Precast delivery/ installation	0 days	Sun 28/8/22	Sun 28/8/22	0
552	**Architectural Works**	**354 days**	**Wed 1/2/23**	**Sat 20/1/24**	
553	Panel Wall/Blockwall (4.3.1.1 - 4.3.1.10, 4.3.2.1 - 4.3.2.10)	210 days	Wed 1/2/23	Tue 29/8/23	14
554	Door subframe (4.4.1.1 - 4.4.1.10)	210 days	Wed 15/2/23	Tue 12/9/23	14
555	Window Frame / Glass Wall Bracket Fixing	210 days	Wed 1/3/23	Tue 26/9/23	14
556	Ceiling plastering (4.5.3.1 - 4.5.3.18, 4.6.3.1 - 4.6.3.20)	240 days	Wed 15/2/23	Thu 12/10/23	14
557	Wall plastering (4.5.1.1 - 4.5.1.18)	240 days	Wed 22/2/23	Thu 19/10/23	14
558	Waterproofing application (4.5.2.1 - 4.5.2.18)	210 days	Wed 15/3/23	Tue 10/10/23	14
559	Wall tiling (4.5.1.1 - 4.5.1.18)	210 days	Wed 12/4/23	Tue 7/11/23	14
560	Window / Glass Wall / Cladding Fixing (4.2.1.1 - 4.2.1.30, 4.2.2.1 - 4.2.2.20)	280 days	Fri 24/3/23	Thu 28/12/23	14
561	Painting (4.5.1.1 - 4.5.1.18, 4.5.3.1 - 4.5.3.18)	280 days	Wed 8/3/23	Tue 12/12/23	14
562	Floor screeding (4.5.2.1 - 4.5.2.18, 4.5.4.1 - 4.5.4.10)	210 days	Wed 29/3/23	Tue 24/10/23	14
563	Floor finishes (4.5.2.1 - 4.5.2.18, 4.5.4.1 - 4.5.4.10, 4.5.5.1 - 4.5.5.10)	210 days	Wed 26/4/23	Tue 21/11/23	14
564	Steel and metal work (4.4.2.1 - 4.4.2.30, 4.4.4.1 - 4.4.4.10, 4.7.3.1 - 4.7.3.10, 6.1.4.1 - 6.1.4.10, 6.1.5.1 - 6.1.5.10, 6.1.6.1 - 6.1.6.10)	210 days	Fri 28/4/23	Thu 23/11/23	14
565	Timber doorset and Ironmongery installation (4.4.1.12 - 4.4.1.30)	120 days	Fri 11/8/23	Fri 8/12/23	14
566	Signage (4.9.1.1 - 4.9.1.10)	120 days	Fri 11/8/23	Fri 8/12/23	14
567	Fitting-out works (4.7.1.1 - 4.7.1.10, 4.7.2.1 - 4.7.2.18)	150 days	Fri 11/8/23	Sun 7/1/24	14
568	Roofing Works (4.6.1.1 - 4.6.1.20)	60 days	Tue 15/8/23	Fri 13/10/23	14
569	External wall finishes (4.6.2.1 - 4.6.2.20)	95 days	Tue 15/8/23	Fri 17/11/23	7

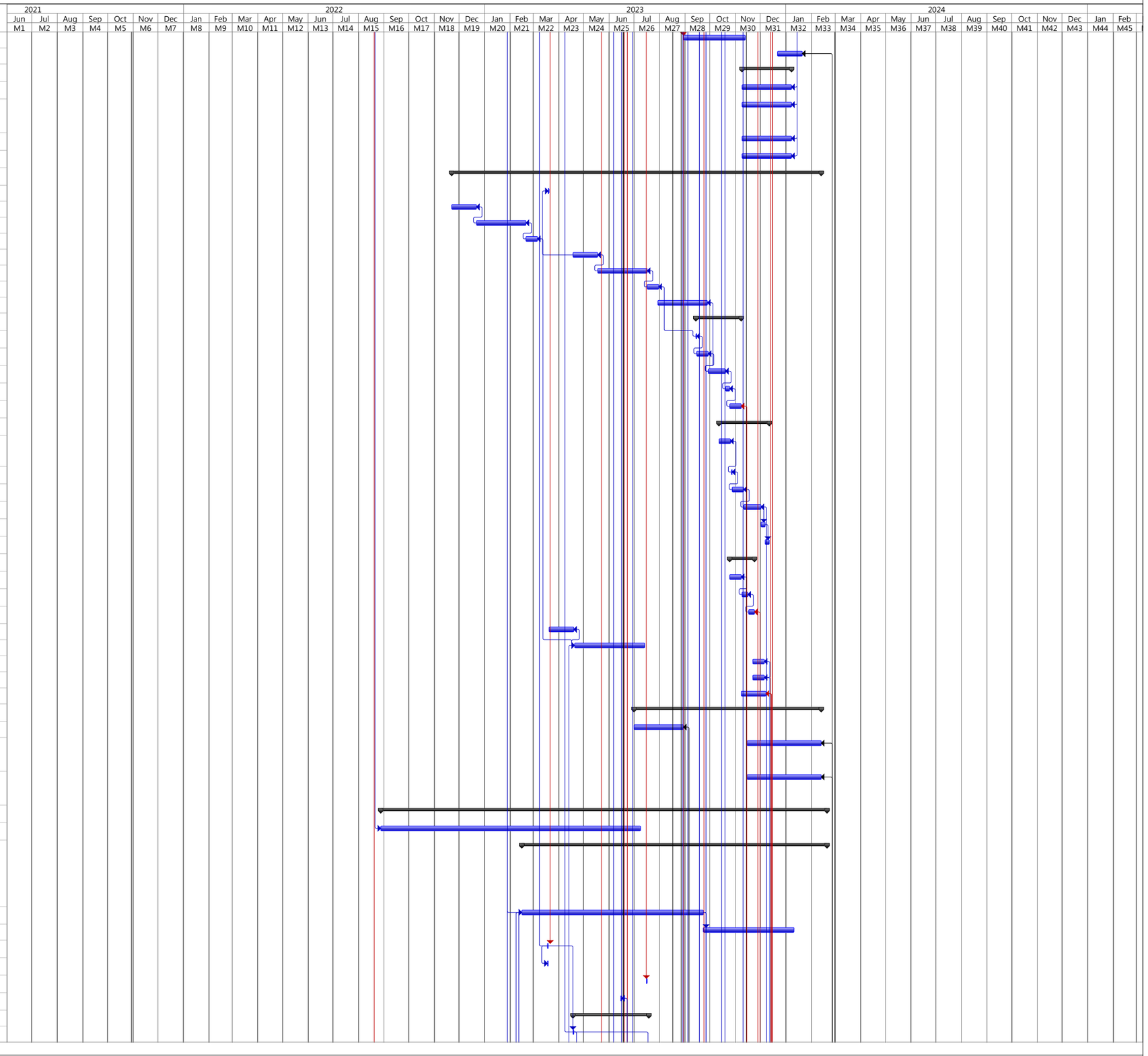


Task | Critical Task | Milestone | Summary | Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

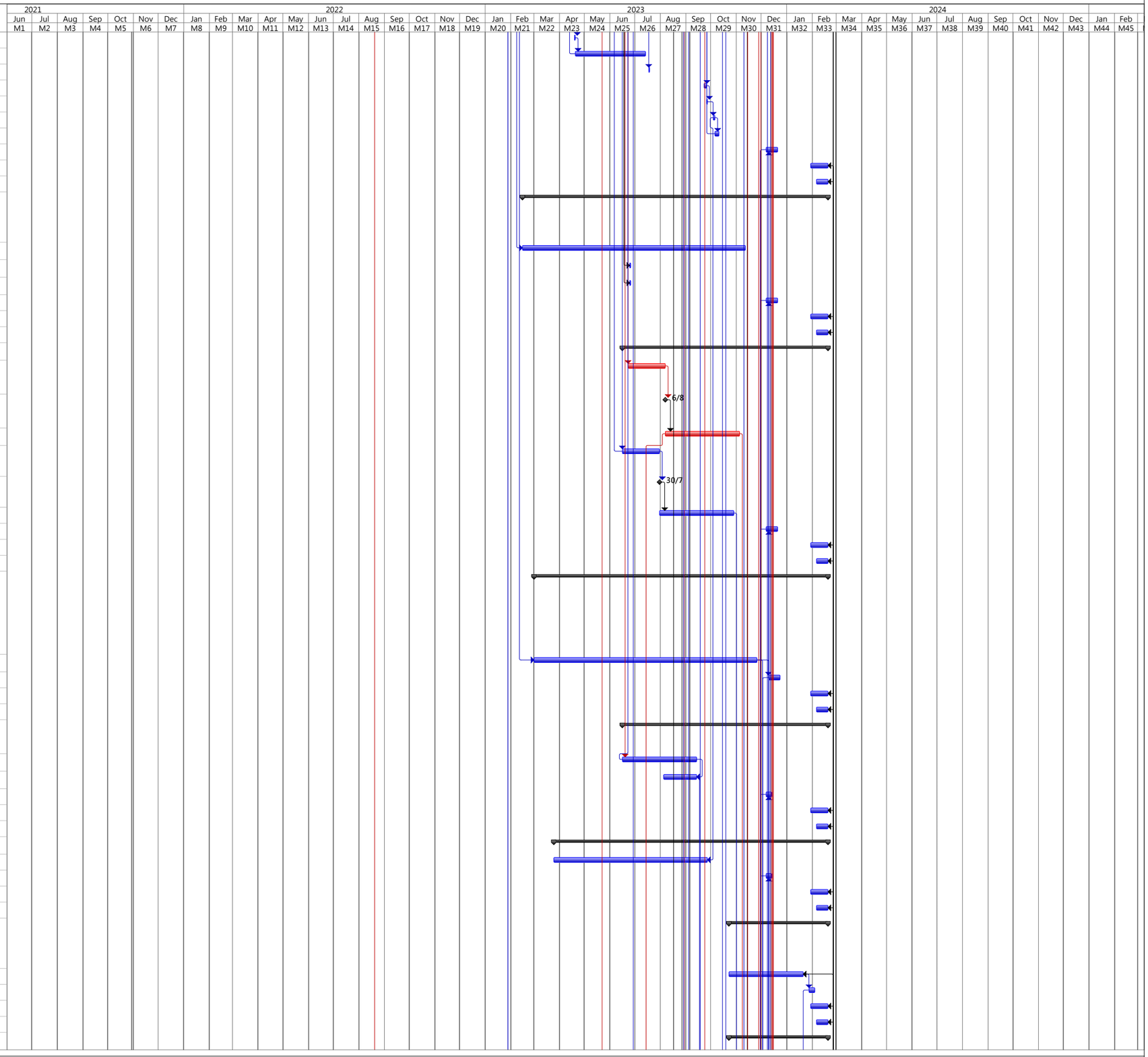
Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
570	Architectural Fins fixing	75 days	Wed 30/8/23	Sun 12/11/23	7
571	PV Panel Fixing	30 days	Fri 22/12/23	Sat 20/1/24	7
572	**Special Interior Design Areas**	**60 days**	**Thu 9/11/23**	**Sun 7/1/24**	
573	Main entrance hall, lift lobbies for visitor lifts at all floors	60 days	Thu 9/11/23	Sun 7/1/24	21
574	Enquiry Counter / Reception / Security Counters of Main Entrance Lobby	60 days	Thu 9/11/23	Sun 7/1/24	21
575	Conference / Meeting Rooms in various departments	60 days	Thu 9/11/23	Sun 7/1/24	21
576	Lift cars interior of all passenger type lifts for visitors	60 days	Thu 9/11/23	Sun 7/1/24	21
577	**External Work**	**448 days**	**Tue 22/11/22**	**Mon 12/2/24**	
578	Submission of HBP1 for water connection and drainage connection	1 day	Sun 19/3/23	Sun 19/3/23	0
579	TTA submission to TD & HyD (for HKE cabling works if done by YL)	30 days	Tue 22/11/22	Thu 22/12/22	7
580	XP submission and Acceptance	60 days	Thu 22/12/22	Mon 20/2/23	7
581	Apply for road works advice and grant road permit	14 days	Mon 20/2/23	Mon 6/3/23	3
582	TTA submission to TD & HyD (for outside site boundary works)	30 days	Tue 18/4/23	Thu 18/5/23	7
583	XP submission and Acceptance	60 days	Thu 18/5/23	Mon 17/7/23	7
584	Apply for road works advice and grant road permit	14 days	Mon 17/7/23	Mon 31/7/23	3
585	Underground Drainage Works	60 days	Sun 30/7/23	Thu 28/9/23	7
586	**Last Manhole Connection outside Site Boundary**	**55 days**	**Thu 14/9/23**	**Wed 8/11/23**	
587	Mobilization	1 day	Thu 14/9/23	Fri 15/9/23	0
588	Excavation	14 days	Fri 15/9/23	Fri 29/9/23	3
589	Last Manhole to Government Manhole Connection with T&C	21 days	Fri 29/9/23	Fri 20/10/23	7
590	Backfilling	5 days	Fri 20/10/23	Wed 25/10/23	1
591	Repaving	14 days	Wed 25/10/23	Wed 8/11/23	3
592	**Water Main Connection**	**61 days**	**Thu 12/10/23**	**Mon 11/12/23**	
593	Underground Water Pipes Laying from Water Meter to Site Boundary	14 days	Thu 12/10/23	Thu 26/10/23	3
594	Mobilization	1 day	Fri 27/10/23	Sat 28/10/23	0
595	Excavation	14 days	Sat 28/10/23	Sat 11/11/23	5
596	Water Main Connection with T&C	21 days	Sat 11/11/23	Sat 2/12/23	7
597	Backfilling	5 days	Sat 2/12/23	Wed 6/12/23	1
598	Repaving	5 days	Thu 7/12/23	Mon 11/12/23	1
599	**Construction of Run in/out (6.1.2.1 - 6.1.2.20)**	**30 days**	**Wed 25/10/23**	**Fri 24/11/23**	
600	Excavation and spare cable duct laying	14 days	Wed 25/10/23	Wed 8/11/23	3
601	Backfilling	7 days	Thu 9/11/23	Thu 16/11/23	1
602	Re-paving	7 days	Fri 17/11/23	Fri 24/11/23	1
603	Cable Trench Construction outside TX room	30 days	Mon 20/3/23	Wed 19/4/23	3
604	**Cabling Works by HKE**	85 days	Thu 20/4/23	Thu 13/7/23	14
605	**Town Gas Lead-in Connection (final connection after FSI)**	14 days	Wed 22/11/23	Tue 5/12/23	3
606	**FTNS Connection**	14 days	Wed 22/11/23	Tue 5/12/23	3
607	**Hoarding Removal**	30 days	Wed 8/11/23	Fri 8/12/23	7
608	**Landscape Works (including roof garden)**	**227 days**	**Sat 1/7/23**	**Mon 12/2/24**	
609	Laying Irrigation Pipeworks	60 days	Sat 1/7/23	Wed 30/8/23	
610	Hard Landscape including paving, metal works and furniture (5.4.1 - 5.4.10, 7.1.1 - 7.1.10)	90 days	Wed 15/11/23	Mon 12/2/24	14
611	Soft Landscape (including vertical greening) (7.2.1 - 7.2.10, 4.6.6.1 - 4.6.6.20)	90 days	Wed 15/11/23	Mon 12/2/24	14
612	**BS Installation Works**	**541 days**	**Sun 28/8/22**	**Mon 19/2/24**	
613	Concealed Conduit Installation	315 days	Sun 28/8/22	Sat 8/7/23	14
614	**Electrical Installation (4.13.1-4.13.1.20, 4.13.2.1-4.13.2.10, 4.013.3.1-4.13.4.10, 4.13.5.1-4.13.5.10, 4.13.7.1-4.13.7.5, 4.13.9.1-4.13.9.5, 4.13.10.1-4013.10.5, 4.13.11.1-4.13.11.5, 4.13.12.1-4.13.12.5, 4.13.13.1-4.13.13.5, 4.13.14.1-4.13.14.2)**	**370 days**	**Wed 15/2/23**	**Mon 19/2/24**	
615	Electrical Installation	220 days	Wed 15/2/23	Fri 22/9/23	14
616	Electrical Fitting Installation after Power-on	110 days	Sat 23/9/23	Wed 10/1/24	14
617	Handover of TX Room to sub-contractor	1 day	Sat 18/3/23	Sat 18/3/23	0
618	Handover of Main Switch Room to sub-contractor	1 day	Sat 18/3/23	Sat 18/3/23	0
619	Handover of meter rooms to sub-contractor	1 day	Sun 16/7/23	Sun 16/7/23	0
620	Handover of Generator Room to sub-contractor	1 day	Thu 15/6/23	Fri 16/6/23	0
621	**Transformer Room Installation by HKE**	**92 days**	**Tue 18/4/23**	**Tue 18/7/23**	
622	Handover of transformer rooms to HKE	1 day	Tue 18/4/23	Tue 18/4/23	0



Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
623	Handover of external underground cable duct and pit to HKE	1 day	Wed 19/4/23	Wed 19/4/23	0
624	Cabling work by HKE	85 days	Thu 20/4/23	Thu 13/7/23	14
625	Power energization to TX Room	1 day	Tue 18/7/23	Tue 18/7/23	0
626	T&C prior to HKE Power on Inspection	3 days	Sat 23/9/23	Mon 25/9/23	0
627	Form WR1 Submission to HKE	1 day	Tue 26/9/23	Tue 26/9/23	0
628	HKE Inspection	2 days	Wed 4/10/23	Thu 5/10/23	0
629	Energization of LV Switchboard	5 days	Fri 6/10/23	Tue 10/10/23	1
630	T&C of Electrical Installation	14 days	Thu 7/12/23	Wed 20/12/23	3
631	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
632	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
633	**FS Installation (4.15.1.1-4.15.1.10, 4.15.2.1-4.15.2.20, 4.15.3.1-4.15.3.10, 4.15.4.1-4.15.4.10, 4.15.5.1-4.15.5.10, 4.15.6.1-4.15.6.10)**	**370 days**	**Wed 15/2/23**	**Mon 19/2/24**	
634	Fire Services and Water Pump Installation	270 days	Wed 15/2/23	Sat 11/11/23	14
635	Handover of fire tank and fire pump room to sub-contractor	1 day	Sun 25/6/23	Sun 25/6/23	0
636	Handover of pump room, sump and tank to sub-contractor	1 day	Sun 25/6/23	Sun 25/6/23	0
637	T&C of FS Installation	14 days	Thu 7/12/23	Wed 20/12/23	7
638	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
639	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	7
640	**Lift Installation (4.16.1.1-4.16.1.20)**	**249 days**	**Fri 16/6/23**	**Mon 19/2/24**	
641	Builder's works and E&M installation in Lift Shaft & Lift Machine Room (Fireman lift & cargo lift)	45 days	Fri 23/6/23	Sun 6/8/23	14
642	Handover of lift shaft and Lift Machine Room to sub-contractor (Fireman lift & cargo lift)	0 days	Sun 6/8/23	Sun 6/8/23	0
643	Lift Installation (Fireman lift & cargo lift)	90 days	Mon 7/8/23	Sat 4/11/23	14
644	Builder's works and E&M installation in Lift Shaft & Lift Machine Room (passenger lift 1&2)	45 days	Fri 16/6/23	Sun 30/7/23	14
645	Handover of lift shaft and Lift Machine Room to sub-contractor (passenger lift 1&2)	0 days	Sun 30/7/23	Sun 30/7/23	0
646	Lift Installation (passenger lift 1&2)	90 days	Mon 31/7/23	Sat 28/10/23	14
647	T&C of Lift Installation	14 days	Thu 7/12/23	Wed 20/12/23	3
648	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
649	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
650	**Air Conditioning, Refrigeration, Ventilation and Central Monitoring & Control System Install (4.12.1.1-4.12.1.20, 4.12.2.1-4.12.2.15, 4.12.3.1-4.12.3.25, 4.12.4.1-4.12.4.20, 4.12.5.1-4.12.5.10, 4.12.6.1-4.12.6.10, 4.12.7.1-4.12.7.20, 4.12.12.1-4.12.12.5)**	**356 days**	**Wed 1/3/23**	**Mon 19/2/24**	
651	ACMV installation	270 days	Wed 1/3/23	Sat 25/11/23	14
652	T&C of ACMV Installation	14 days	Sun 10/12/23	Sat 23/12/23	7
653	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
654	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	7
655	**Emergency Generator and Fuel Storage Installation at L2 (4.18.1.1-4.18.1.6)**	**249 days**	**Fri 16/6/23**	**Mon 19/2/24**	
656	Generator Installation	90 days	Fri 16/6/23	Wed 13/9/23	14
657	Fuel System	40 days	Sat 5/8/23	Wed 13/9/23	14
658	T&C of Genset Installation	7 days	Thu 7/12/23	Wed 13/12/23	1
659	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
660	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	7
661	**Low Voltage Cubicle Switchboard Installation (4.14.1.1-4.14.1.10)**	**332 days**	**Sat 25/3/23**	**Mon 19/2/24**	
662	Low Voltage Cubicle Switchboard Installation	186 days	Sat 25/3/23	Wed 27/9/23	14
663	T&C of LVSB Installation	7 days	Thu 7/12/23	Wed 13/12/23	1
664	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
665	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	7
666	**Burglar Alarm and Security Installation (4.17.1.1-4.17.1.10, 4.17.2.1-4.17.2.10, 4.17.3.1-4.17.3.10, 4.17.4.1-4.17.4.10, 4.17.6.1-4.17.6.10, 4.17.8.1-4.17.8.10)**	**120 days**	**Mon 23/10/23**	**Mon 19/2/24**	
667	Burglar Alarm and Security Installation	90 days	Mon 23/10/23	Sat 20/1/24	14
668	T&C of Burglar Alarm and Security Installation	7 days	Sun 28/1/24	Sat 3/2/24	1
669	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
670	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
671	**Broadcast Reception Installation (4.19.1.1-4.19.1.10)**	**120 days**	**Mon 23/10/23**	**Mon 19/2/24**	



Task | Critical Task | Milestone | Summary | Progress

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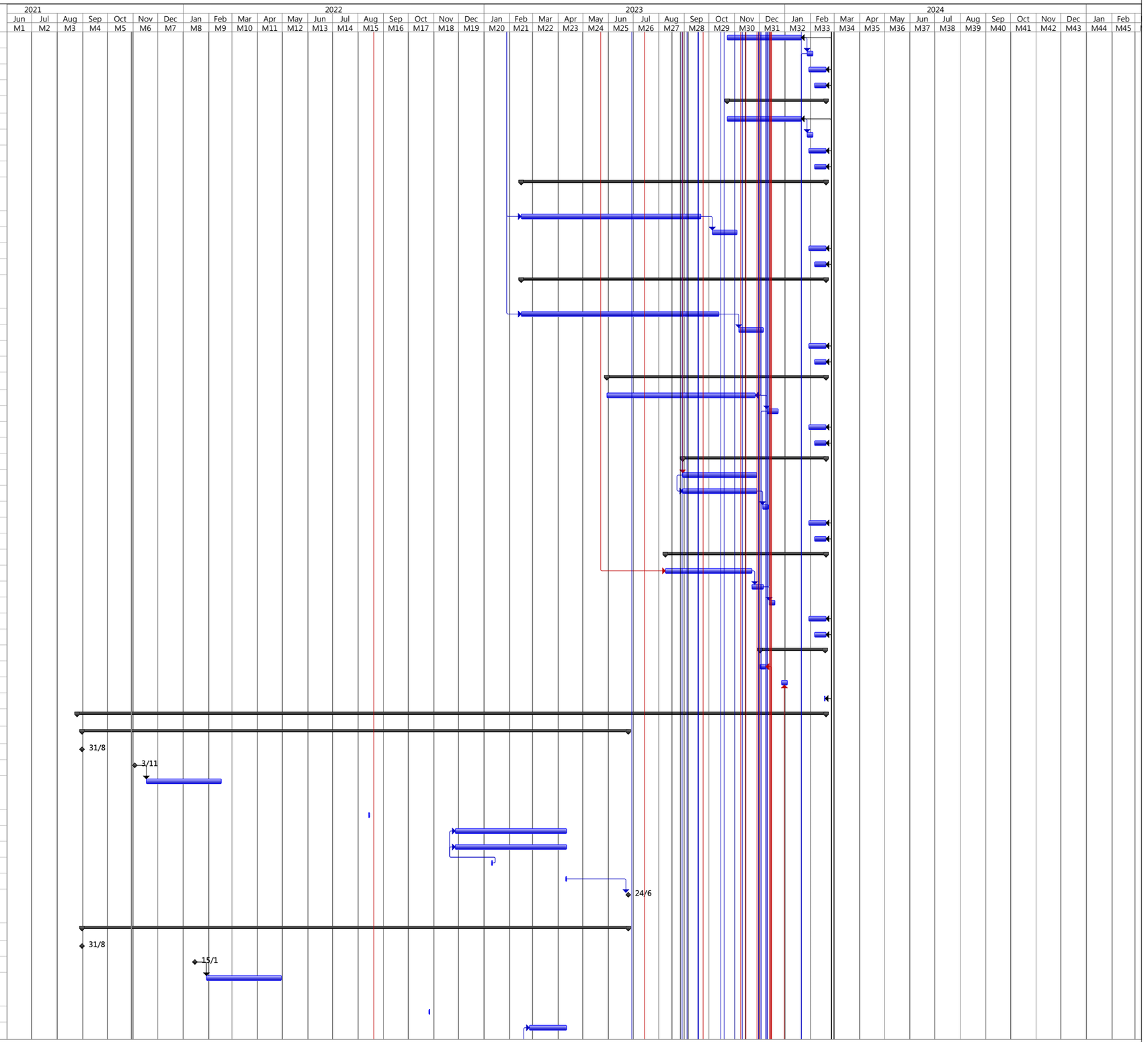
Yau Lee Construction Co., Ltd.

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
672	Broadcast Reception Installation	90 days	Mon 23/10/23	Sat 20/1/24	14
673	T&C of Broadcast Reception Installation	7 days	Sun 28/1/24	Sat 3/2/24	1
674	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
675	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
676	**Audio Electronics Installation (4.19.1.1-4.19.1.10)**	**120 days**	**Mon 23/10/23**	**Mon 19/2/24**	
677	Audio Electronics Installation	90 days	Mon 23/10/23	Sat 20/1/24	14
678	T&C of Audio Electronics Installation	7 days	Sun 28/1/24	Sat 3/2/24	1
679	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	7
680	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
681	**Plumbing Installation (4.11.1.1-4.11.1.10, 4.11.2.1-4.11.2.10, 4.11.3.1-4.11.3.10, 4.11.5.1-4.11.5.10, 4.11.6.1-4.11.6.2)**	**370 days**	**Wed 15/2/23**	**Mon 19/2/24**	
682	Plumbing Installation	218 days	Wed 15/2/23	Wed 20/9/23	14
683	T&C of Plumbing Installation	30 days	Thu 5/10/23	Fri 3/11/23	14
684	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
685	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
686	**Drainage Installation (4.8.1.1-4.8.1.10, 4.8.2.1-4.8.2.10, 4.8.3.1-4.8.3.10, 4.8.4)**	**370 days**	**Wed 15/2/23**	**Mon 19/2/24**	
687	Drainage Installation	240 days	Wed 15/2/23	Thu 12/10/23	14
688	T&C of Drainage Installation	30 days	Mon 6/11/23	Tue 5/12/23	14
689	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
690	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
691	**Compressed Air System Installation (4.20.1.1-4.20.1.10)**	**266 days**	**Tue 30/5/23**	**Mon 19/2/24**	
692	Compressed Air System Installation	180 days	Tue 30/5/23	Sat 25/11/23	14
693	T&C for Compressed Air System Installation	14 days	Sun 10/12/23	Sat 23/12/23	3
694	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
695	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
696	**Town Gas Installation (4.21.1.1-4.21.1.10, 4.21.2.1-4.21.2.10)**	**174 days**	**Wed 30/8/23**	**Mon 19/2/24**	
697	Gas pipe installation	90 days	Wed 30/8/23	Mon 27/11/23	14
698	Gas Boiler and Laboratory facilitaties installation	90 days	Wed 30/8/23	Mon 27/11/23	14
699	T&C for TG Installation	7 days	Tue 5/12/23	Mon 11/12/23	1
700	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
701	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
702	**FTNS Installation**	**195 days**	**Wed 9/8/23**	**Mon 19/2/24**	
703	FTNS Installation	105 days	Wed 9/8/23	Tue 21/11/23	14
704	Connection of Direct Telephone Link	14 days	Wed 22/11/23	Tue 5/12/23	2
705	T&C for FTNS Installation	7 days	Wed 13/12/23	Tue 19/12/23	1
706	Submission of As-built drawing	21 days	Tue 30/1/24	Mon 19/2/24	5
707	Submission of O&M Manual	14 days	Tue 6/2/24	Mon 19/2/24	3
708	**Drop-arm Barrier Installation (4.17.9.1 - 4.17.9.10)**	**79 days**	**Sat 2/12/23**	**Sun 18/2/24**	
709	Connection of Under Vehicle Conduits	7 days	Sat 2/12/23	Fri 8/12/23	1
710	Drop-arm Station Installation and T&C	7 days	Thu 28/12/23	Wed 3/1/24	1
711	Drop-arm Fixing	1 day	Sun 18/2/24	Sun 18/2/24	0
712	**Handing over to Users for FPE installation**	**909 days**	**Wed 25/8/21**	**Mon 19/2/24**	
713	**FPE for HKPF – T HKI (tentative date only)**	**663 days**	**Tue 31/8/21**	**Sat 24/6/23**	
714	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
715	Provision of further details for Composite Drawings preparation	0 days	Wed 3/11/21	Wed 3/11/21	0
716	Submission and approval of composite drawings for FPE installation	91 days	Wed 17/11/21	Tue 15/2/22	7
717	Cast-in Items for Equipment provided by Client	1 day	Sun 14/8/22	Sun 14/8/22	0
718	Builder's works for FPE installation	135 days	Sun 27/11/22	Mon 10/4/23	14
719	Building services works for FPE installation	135 days	Sun 27/11/22	Mon 10/4/23	14
720	Delivery of FPE by Client (1st batch)	1 day	Tue 10/1/23	Tue 10/1/23	0
721	Delivery of FPE by Client (2nd batch)	1 day	Mon 10/4/23	Mon 10/4/23	0
722	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Sat 24/6/23	Sat 24/6/23	0
723	**FPE for HKPF – SMD (tentative date only)**	**663 days**	**Tue 31/8/21**	**Sat 24/6/23**	
724	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
725	Provision of further details for Composite Drawings preparation	0 days	Sat 15/1/22	Sat 15/1/22	0
726	Submission and approval of composite drawings for FPE installation	91 days	Sat 29/1/22	Fri 29/4/22	7
727	Cast-in Items for Equipment provided by Client	1 day	Wed 26/10/22	Wed 26/10/22	0
728	Builder's works for FPE installation	45 days	Sat 25/2/23	Mon 10/4/23	7

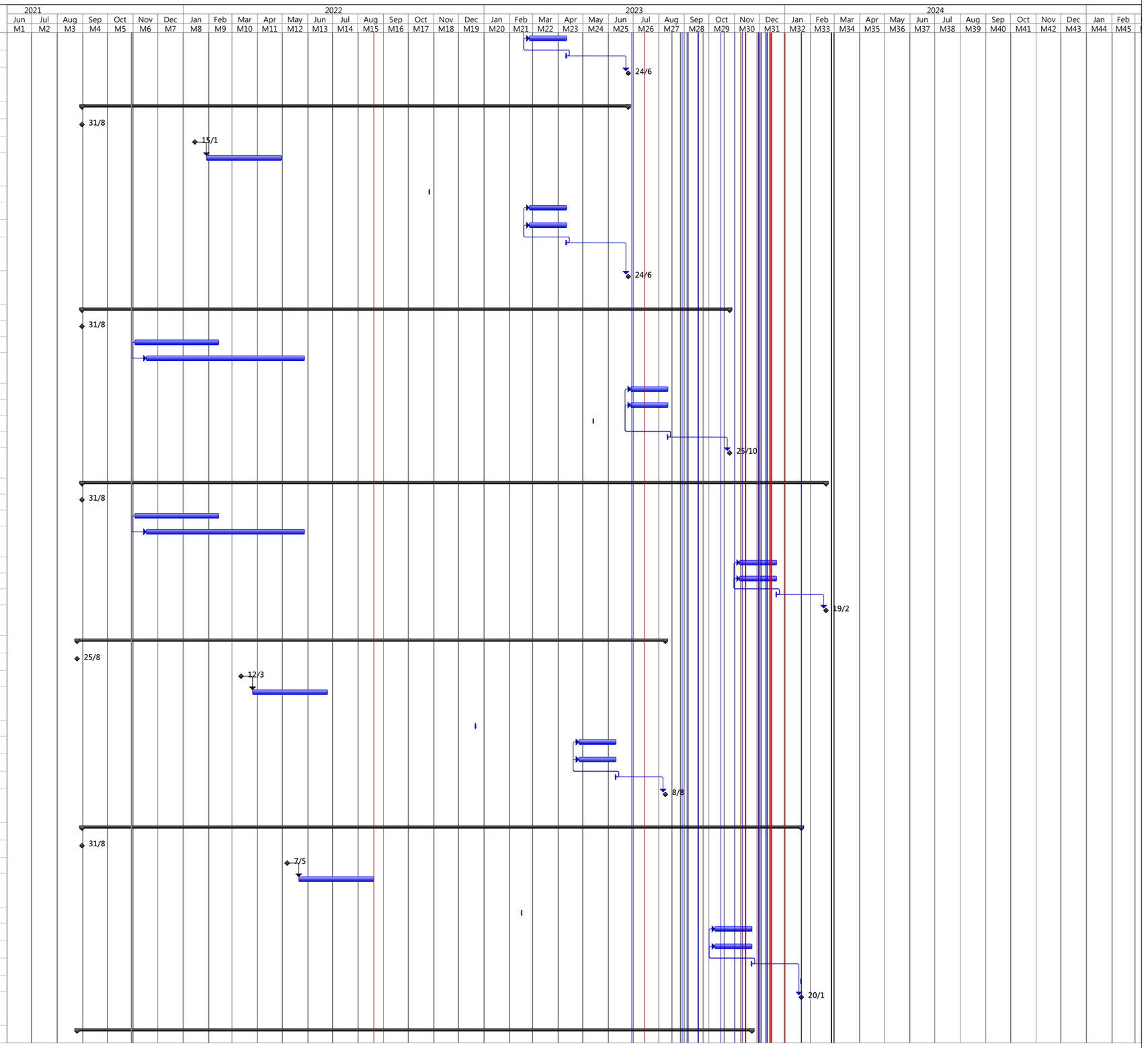


有利建築有限公司
Yau Lee Construction Co., Ltd.

Task | Critical Task | Milestone | Summary | Progress

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
729	Building services works for FPE installation	45 days	Sat 25/2/23	Mon 10/4/23	7
730	Delivery of FPD by Client	1 day	Mon 10/4/23	Mon 10/4/23	0
731	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Sat 24/6/23	Sat 24/6/23	0
732	**FPE for HKPF – CRM (tentative date only)**	**663 days**	**Tue 31/8/21**	**Sat 24/6/23**	
733	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
734	Provision of further details for Composite Drawings preparation	0 days	Sat 15/1/22	Sat 15/1/22	0
735	Submission and approval of composite drawings for FPE installation	91 days	Sat 29/1/22	Fri 29/4/22	7
736	Cast-in Items for Equipment provided by Client	1 day	Wed 26/10/22	Wed 26/10/22	0
737	Builder's works for FPE installation	45 days	Sat 25/2/23	Mon 10/4/23	7
738	Building services works for FPE installation	45 days	Sat 25/2/23	Mon 10/4/23	7
739	Delivery of FPD by Client	1 day	Mon 10/4/23	Mon 10/4/23	0
740	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Sat 24/6/23	Sat 24/6/23	0
741	**FPE for HKPF – TSD (tentative date only)**	**786 days**	**Tue 31/8/21**	**Wed 25/10/23**	
742	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
743	Provision of further details for Composite Drawings preparation	102 days	Wed 3/11/21	Sat 12/2/22	0
744	Submission and approval of composite drawings for FPE installation	192 days	Wed 17/11/21	Fri 27/5/22	14
745	Builder's works for FPE installation	45 days	Wed 28/6/23	Fri 11/8/23	7
746	Building services works for FPE installation	45 days	Wed 28/6/23	Fri 11/8/23	7
747	Delivery of FPE by Client (1st batch)	1 day	Sat 13/5/23	Sat 13/5/23	0
748	Delivery of FPE by Client (2nd batch)	1 day	Fri 11/8/23	Fri 11/8/23	0
749	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Wed 25/10/23	Wed 25/10/23	0
750	**FPE for HKPF – ITB (tentative date only)**	**903 days**	**Tue 31/8/21**	**Mon 19/2/24**	
751	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
752	Provision of further details for Composite Drawings preparation	102 days	Wed 3/11/21	Sat 12/2/22	0
753	Submission and approval of composite drawings for FPE installation	192 days	Wed 17/11/21	Fri 27/5/22	14
754	Builder's works for FPE installation	45 days	Tue 7/11/23	Thu 21/12/23	7
755	Building services works for FPE installation	45 days	Tue 7/11/23	Thu 21/12/23	7
756	Delivery of FPD by Client	1 day	Thu 21/12/23	Thu 21/12/23	0
757	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Mon 19/2/24	Mon 19/2/24	0
758	**FPE for FEHD (tentative date only)**	**714 days**	**Wed 25/8/21**	**Tue 8/8/23**	
759	Confirmation of list of FPE by Client	0 days	Wed 25/8/21	Wed 25/8/21	0
760	Provision of further details for Composite Drawings preparation	0 days	Sat 12/3/22	Sat 12/3/22	0
761	Submission and approval of composite drawings for FPE installation	91 days	Sat 26/3/22	Fri 24/6/22	7
762	Cast-in Items for Equipment provided by Client	1 day	Wed 21/12/22	Wed 21/12/22	0
763	Builder's works for FPE installation	45 days	Wed 26/4/23	Fri 9/6/23	7
764	Building services works for FPE installation	45 days	Wed 26/4/23	Fri 9/6/23	7
765	Delivery of FPD by Client	1 day	Fri 9/6/23	Fri 9/6/23	0
766	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Tue 8/8/23	Tue 8/8/23	0
767	**FPE for EMSD (tentative date only)**	**873 days**	**Tue 31/8/21**	**Sat 20/1/24**	
768	Confirmation of list of FPE by Client	0 days	Tue 31/8/21	Tue 31/8/21	0
769	Provision of further details for Composite Drawings preparation	0 days	Sat 7/5/22	Sat 7/5/22	0
770	Submission and approval of composite drawings for FPE installation	91 days	Sat 21/5/22	Fri 19/8/22	7
771	Cast-in Items for Equipment provided by Client	1 day	Wed 15/2/23	Wed 15/2/23	0
772	Builder's works for FPE installation	45 days	Sun 8/10/23	Tue 21/11/23	7
773	Building services works for FPE installation	45 days	Sun 8/10/23	Tue 21/11/23	7
774	Delivery of FPE by Client (1st batch)	1 day	Tue 21/11/23	Tue 21/11/23	0
775	Delivery of FPE by Client (2nd batch)	1 day	Sat 20/1/24	Sat 20/1/24	0
776	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Sat 20/1/24	Sat 20/1/24	0
777	**FPE for GL (tentative date only)**	**819 days**	**Wed 25/8/21**	**Tue 21/11/23**	



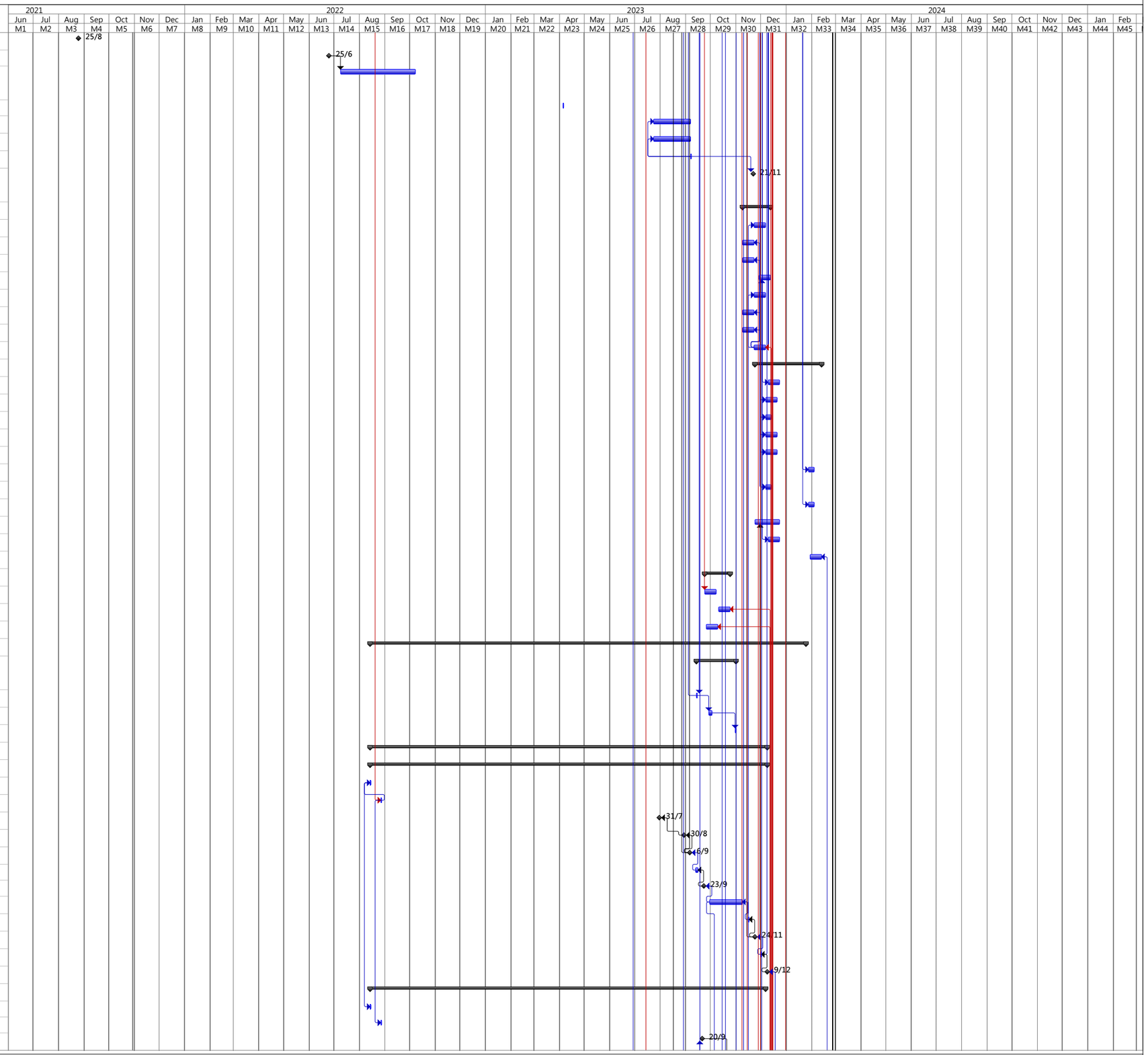
Task | Critical Task | Milestone | Summary | Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Contract No. SS H504, Programme No. 184GK
Design and Construction of Chai Wan Government Complex and Vehicle Depot

Programme (Rev. 3)

ID	Task Name	Duration	Start	Finish	Time Risk Allowance
778	Confirmation of list of FPE by Client	0 days	Wed 25/8/21	Wed 25/8/21	0
779	Provision of further details for Composite Drawings preparation	0 days	Sat 25/6/22	Sat 25/6/22	0
780	Submission and approval of composite drawings for FPE installation	91 days	Sat 9/7/22	Fri 7/10/22	7
781	Cast-in Items for Equipment provided by Client	1 day	Wed 5/4/23	Wed 5/4/23	0
782	Builder's works for FPE installation	45 days	Mon 24/7/23	Wed 6/9/23	7
783	Building services works for FPE installation	45 days	Mon 24/7/23	Wed 6/9/23	7
784	Delivery of FPD by Client	1 day	Thu 7/9/23	Thu 7/9/23	0
785	Completion by Client's supplier & handover back to Contractor's for remained touch-up works	0 days	Tue 21/11/23	Tue 21/11/23	0
786	**Testing & Commissioning (Self Test for FSD Inspection)**	**34 days**	**Thu 9/11/23**	**Tue 12/12/23**	
787	T&C of ACMV Installation	14 days	Thu 23/11/23	Wed 6/12/23	3
788	T&C of Electrical Installation	14 days	Thu 9/11/23	Thu 23/11/23	3
789	T&C of Low Voltage Cubicle Switchboard Installation	14 days	Thu 9/11/23	Thu 23/11/23	3
790	T&C of FS Installation	14 days	Wed 29/11/23	Tue 12/12/23	3
791	T&C of Lift Installation	14 days	Thu 23/11/23	Wed 6/12/23	3
792	T&C of Burglar Alarm and Security Installation	14 days	Thu 9/11/23	Thu 23/11/23	3
793	T&C of Genset Installation	14 days	Thu 9/11/23	Thu 23/11/23	3
794	System Interfacing Test	14 days	Thu 23/11/23	Thu 7/12/23	3
795	**Testing & Commissioning (Handover Inspection)**	**81 days**	**Fri 24/11/23**	**Mon 12/2/24**	
796	T&C of ACMV Installation	14 days	Sun 10/12/23	Sat 23/12/23	3
797	T&C of Electrical Installation	14 days	Thu 7/12/23	Wed 20/12/23	3
798	T&C of Low Voltage Cubicle Switchboard Installation	7 days	Thu 7/12/23	Wed 13/12/23	1
799	T&C of FS Installation	14 days	Thu 7/12/23	Wed 20/12/23	3
800	T&C of Lift Installation	14 days	Thu 7/12/23	Wed 20/12/23	3
801	T&C of Burglar Alarm and Security Installation	7 days	Sun 28/1/24	Sat 3/2/24	1
802	T&C of Genset Installation	7 days	Thu 7/12/23	Wed 13/12/23	1
803	T&C of Broadcast Reception Installation	7 days	Sun 28/1/24	Sat 3/2/24	1
804	T&C of Plumbing & Drainage Installation	30 days	Fri 24/11/23	Sat 23/12/23	7
805	T&C for Compressed Air System Installation	14 days	Sun 10/12/23	Sat 23/12/23	3
806	System Interfacing Test	14 days	Tue 30/1/24	Mon 12/2/24	3
807	**Dismantling Works**	**31 days**	**Sun 24/9/23**	**Tue 24/10/23**	
808	Dismantling tower crane (subject to roof plants unloading)	14 days	Sun 24/9/23	Sat 7/10/23	5
809	Dismantling material hoist	14 days	Wed 11/10/23	Tue 24/10/23	5
810	Dismantling refuse chute	14 days	Tue 26/9/23	Mon 9/10/23	5
811	**Statutory & Utilities Submission, Inspection and Certificate Issuance**	**529 days**	**Sun 14/8/22**	**Wed 24/1/24**	
812	**D.G. Inspection (Fuel Tank Rooms at G/F & 1/F, UG Fuel Tanks, Cat 2, Cat 3 and Cat 5 DG Stores at Gov Lab)**	**48 days**	**Thu 14/9/23**	**Tue 31/10/23**	
813	Issue letter to FSD for DG inspection	1 day	Thu 14/9/23	Thu 14/9/23	0
814	D.G. inspection by FSD	4 days	Fri 29/9/23	Mon 2/10/23	1
815	Issuance of D.G. Certificate	1 day	Tue 31/10/23	Tue 31/10/23	0
816	**Water Supply (Plumbing & FS Water Supply)**	**482 days**	**Sun 14/8/22**	**Sat 9/12/23**	
817	**Plumbing**	**482 days**	**Sun 14/8/22**	**Sat 9/12/23**	
818	Initial Submission of Form WWO46 Part I & II	1 day	Sun 14/8/22	Sun 14/8/22	0
819	Initial Acceptance of Form WWO46 Part III	1 day	Sat 27/8/22	Sat 27/8/22	0
820	VPLD and Layout Final Amendment Submission to WSD (Plumbing)	0 days	Mon 31/7/23	Mon 31/7/23	0
821	Acceptance of Final Amendment Submission by WSD (Plumbing)	0 days	Wed 30/8/23	Wed 30/8/23	0
822	Form WWO46 Part IV Submission (Plumbing)	0 days	Wed 6/9/23	Wed 6/9/23	0
823	WSD Inspection of Plumbing System	3 days	Wed 13/9/23	Sat 16/9/23	1
824	Issuance of WWO46 Part Va from WSD (Plumbing)	0 days	Sat 23/9/23	Sat 23/9/23	0
825	System Flushing	40 days	Sat 30/9/23	Thu 9/11/23	7
826	Water Sampling and Submit Test Report to WSD	1 day	Thu 16/11/23	Fri 17/11/23	0
827	Issuance of WWO46 Part Vb from WSD (Plumbing)	0 days	Fri 24/11/23	Fri 24/11/23	0
828	Available of Water Supply	1 day	Fri 1/12/23	Sat 2/12/23	0
829	Issuance of Water Connection Advice (Plumbing)	0 days	Sat 9/12/23	Sat 9/12/23	0
830	**FS Water Supply**	**480 days**	**Sun 14/8/22**	**Thu 7/12/23**	
831	Initial Submission of Form WWO46 Part I & II	1 day	Sun 14/8/22	Sun 14/8/22	0
832	Initial Acceptance of Form WWO46 Part III	1 day	Sat 27/8/22	Sat 27/8/22	0
833	VPLD and Layout Final Amendment Submission to WSD (FS)	0 days	Wed 20/9/23	Wed 20/9/23	0

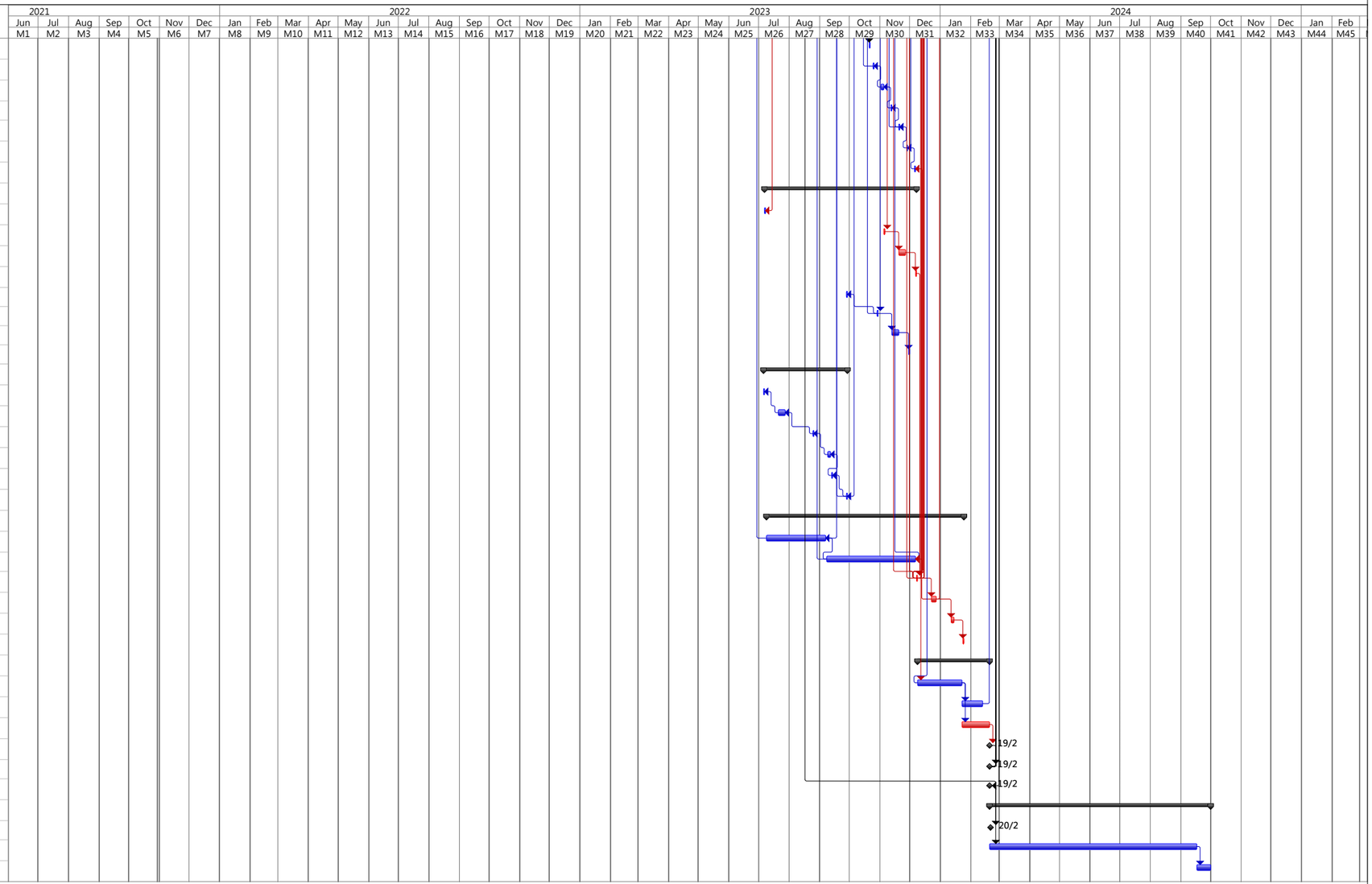


Task | Critical Task | Milestone | Summary | Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Programme (Rev. 3)

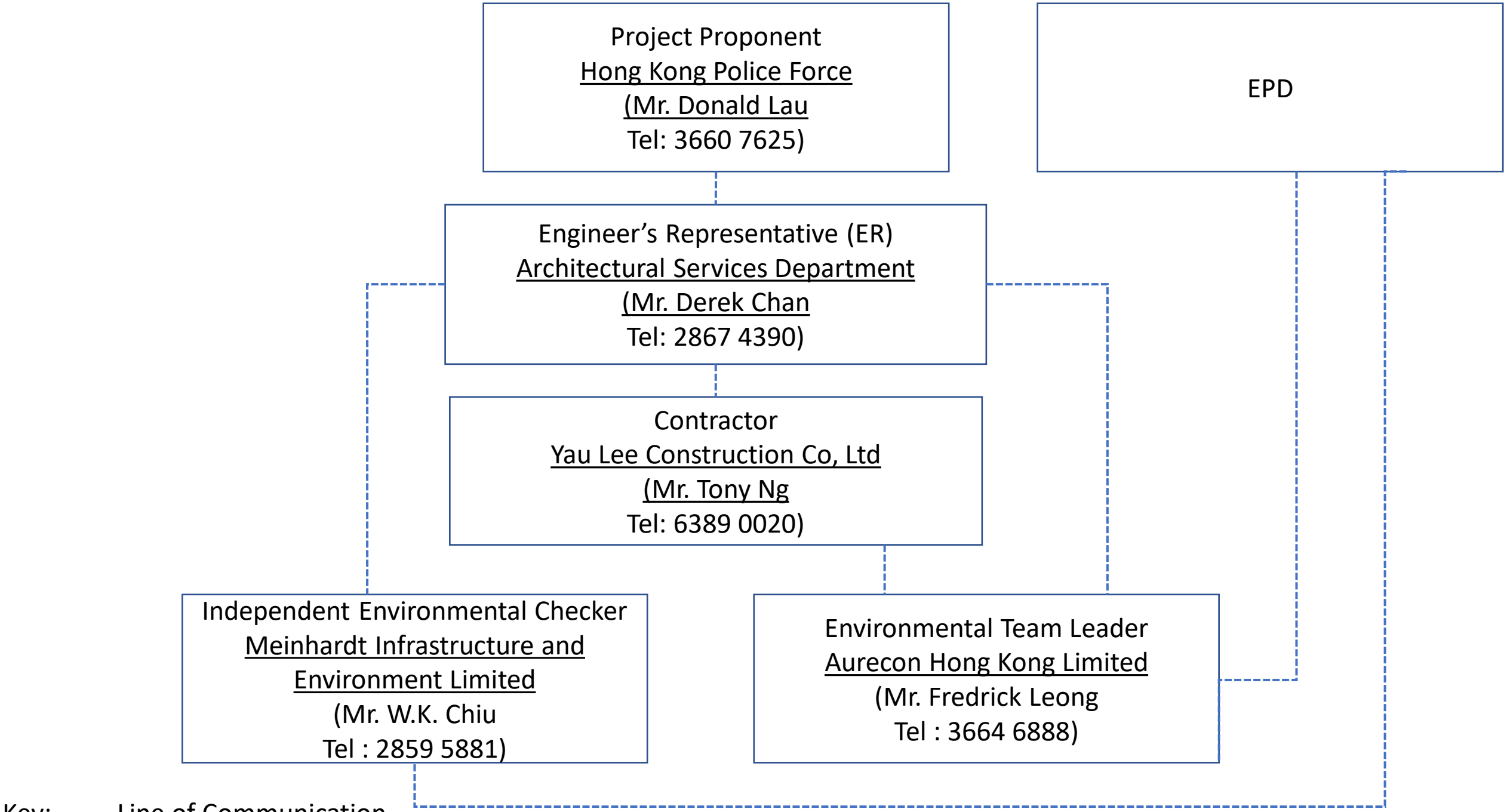
ID	Task Name	Duration	Start	Finish	Time Risk Allowance
834	Acceptance of Final Amendment Submission by WSD (FS)	1 day	Sat 21/10/23	Sat 21/10/23	0
835	Form WWO46 Part IV Submission (FS)	1 day	Wed 25/10/23	Thu 26/10/23	0
836	WSD Inspection of FS System	3 days	Thu 2/11/23	Sun 5/11/23	1
837	Water Sampling and Submit Test Report to WSD	1 day	Sun 12/11/23	Mon 13/11/23	0
838	Issuance of WWO46 Part V from WSD (FS)	1 day	Mon 20/11/23	Tue 21/11/23	0
839	Available of FS Water Supply	1 day	Tue 28/11/23	Wed 29/11/23	0
840	Issuance of FS Connection Advice	1 day	Wed 6/12/23	Thu 7/12/23	0
841	**Lift Inspection by EMSD**	**154 days**	**Fri 7/7/23**	**Thu 7/12/23**	
842	Submission of LE3 to EMSD (Fireman lift & cargo lift)	1 day	Fri 7/7/23	Sat 8/7/23	0
843	Submission of LE5 to EMSD (Fireman lift & cargo lift)	1 day	Sun 5/11/23	Sun 5/11/23	0
844	EMSD inspection (Fireman lift & cargo lift)	7 days	Mon 20/11/23	Sun 26/11/23	1
845	Issuance of Use Permit by EMSD (passenger lift 1&2)	1 day	Thu 7/12/23	Thu 7/12/23	0
846	Submission of LE3 to EMSD (passenger lift 1&2)	1 day	Thu 28/9/23	Fri 29/9/23	0
847	Submission of LE5 to EMSD (passenger lift 1&2)	1 day	Sun 29/10/23	Sun 29/10/23	0
848	EMSD inspection (passenger lift 1&2)	7 days	Mon 13/11/23	Sun 19/11/23	1
849	Issuance of Use Permit by EMSD (passenger lift 1&2)	1 day	Thu 30/11/23	Thu 30/11/23	0
850	**DSD Inspection**	**85 days**	**Thu 6/7/23**	**Fri 29/9/23**	
851	Issuance an letter to DSD for initial inspection	1 day	Thu 6/7/23	Fri 7/7/23	0
852	DSD initial inspection	7 days	Fri 21/7/23	Fri 28/7/23	1
853	Issuance an letter to DSD for handover inspection	1 day	Fri 25/8/23	Sat 26/8/23	0
854	DSD handover inspection	3 days	Sat 9/9/23	Tue 12/9/23	0
855	Submission of as-built drawing to DSD	1 day	Wed 13/9/23	Thu 14/9/23	0
856	Issuance of completion advice by DSD	1 day	Thu 28/9/23	Fri 29/9/23	0
857	**FSD Inspection**	**200 days**	**Sun 9/7/23**	**Wed 24/1/24**	
858	Submission and Acceptance of final amendment of GBP to FSD	60 days	Sun 9/7/23	Thu 7/9/23	14
859	Submission and Acceptance of final amendment of VAC plan to FSD	90 days	Fri 8/9/23	Thu 7/12/23	14
860	Submission of Form 501 & 314 to FSD	1 day	Fri 8/12/23	Fri 8/12/23	0
861	FS 1st Inspection	5 days	Sat 23/12/23	Wed 27/12/23	0
862	FS 2nd Inspection	3 days	Fri 12/1/24	Sun 14/1/24	0
863	Issuance of Fire Certificate (Memo / FS 172) by FSD	1 day	Wed 24/1/24	Wed 24/1/24	0
864	**Completion**	**73 days**	**Sat 9/12/23**	**Mon 19/2/24**	
865	1st Handover inspection by ASD & Users	45 days	Sat 9/12/23	Mon 22/1/24	7
866	2nd Handover inspection by ASD & Users	21 days	Tue 23/1/24	Mon 12/2/24	3
867	Site Clearance and Rectification Works	28 days	Tue 23/1/24	Mon 19/2/24	7
868	Site Handover	0 days	Mon 19/2/24	Mon 19/2/24	0
869	**Planned Completion Date**	0 days	Mon 19/2/24	Mon 19/2/24	0
870	**Completion Date**	**0 days**	**Mon 19/2/24**	**Mon 19/2/24**	0
871	**Final Assessment of BEAM PLUS**	**224 days**	**Tue 20/2/24**	**Mon 30/9/24**	
872	Submission of Final Assessment (FA)	0 days	Tue 20/2/24	Tue 20/2/24	0
873	Final Assessment by BEAM Society Limited	210 days	Tue 20/2/24	Mon 16/9/24	14
874	Award of BEAM Plus FA Certificate	14 days	Tue 17/9/24	Mon 30/9/24	3



Task | Critical Task | Milestone | Summary | Progress

有利建築有限公司
Yau Lee Construction Co., Ltd.

Appendix 2


Project Proponent
Hong Kong Police Force
(Mr. Donald Lau
Tel: 3660 7625)
EPD
Engineer's Representative (ER)
Architectural Services Department
(Mr. Derek Chan
Tel: 2867 4390)
Contractor
Yau Lee Construction Co, Ltd
(Mr. Tony Ng
Tel: 6389 0020)
Independent Environmental Checker
Meinhardt Infrastructure and Environment Limited
(Mr. W.K. Chiu
Tel : 2859 5881)
Environmental Team Leader
Aurecon Hong Kong Limited
(Mr. Fredrick Leong
Tel : 3664 6888)
Key: ----- Line of Communication

Appendix 3

2021 November

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 Noise Monitoring (NM1, NM2a and NM3)	26	27	28
29	30 Noise Monitoring (NM1, NM2a and NM3)	01	02	03	04	05
06	07					

Appendix 4

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C214063
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC21-1260) Date of Receipt / 收件日期 : 28 June 2021

Description / 儀器名稱	:	Precision Acoustic Calibrator
Manufacturer / 製造商	:	LARSON DAVIS
Model No. / 型號	:	CAL200
Serial No. / 編號	:	16878
Supplied By / 委託者	:	Envirotech Services Co. Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 13 July 2021

TEST RESULTS / 測試結果

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

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : Cheuk
K P Cheuk
Project Engineer

Certified By 核證 : K C Lee
Engineer

Date of Issue 簽發日期 : 15 July 2021

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里 一號四樓
Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C214063
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C213954
CL281	Multifunction Acoustic Calibrator	AV210017
TST150A	Measuring Amplifier	C201309

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.9	± 0.2	± 0.2
114 dB, 1 kHz	113.9		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	1.000	1 kHz ± 1 %	± 1

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

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

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

Sun Creation Engineering Limited – Calibration & Testing Laboratory
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Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C214064
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC21-1260) Date of Receipt / 收件日期 : 28 June 2021

Description / 儀器名稱	:	Sound Level Meter
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NL-52
Serial No. / 編號	:	00643040
Supplied By / 委託者	:	Envirotech Services Co. Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 13 July 2021

TEST RESULTS / 測試結果

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

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : Cheuk
K P Cheuk
Project Engineer

Certified By 核證 :
K C Lee
Engineer

Date of Issue 簽發日期 : 15 July 2021

Sun Creation Engineering Limited – Calibration & Testing Laboratory
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Certificate of Calibration
校正證書

Certificate No. : C214064
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration was performed before the test.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C210084
CL281	Multifunction Acoustic Calibrator	AV210017

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	94.6	± 1.1

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L_A	A	Fast	94.00	1	94.6 (Ref.)
				104.00		104.6
				114.00		114.6

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	94.6	Ref.
			Slow			94.6	± 0.3

Certificate of Calibration
校正證書

Certificate No. : C214064
證書編號

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_A	A	Fast	94.00	63 Hz	68.3	-26.2 ± 1.5
					125 Hz	78.3	-16.1 ± 1.5
					250 Hz	85.9	-8.6 ± 1.4
					500 Hz	91.3	-3.2 ± 1.4
					1 kHz	94.6	Ref.
					2 kHz	95.8	+1.2 ± 1.6
					4 kHz	95.6	+1.0 ± 1.6
					8 kHz	93.6	-1.1 (+2.1 ; -3.1)
					16 kHz	86.6	-6.6 (+3.5 ; -17.0)

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_C	C	Fast	94.00	63 Hz	93.7	-0.8 ± 1.5
					125 Hz	94.4	-0.2 ± 1.5
					250 Hz	94.6	0.0 ± 1.4
					500 Hz	94.6	0.0 ± 1.4
					1 kHz	94.6	Ref.
					2 kHz	94.4	-0.2 ± 1.6
					4 kHz	93.8	-0.8 ± 1.6
					8 kHz	91.7	-3.0 (+2.1 ; -3.1)
					16 kHz	84.7	-8.5 (+3.5 ; -17.0)

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Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C214064
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 16652

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	: 63 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	16 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)

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

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

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

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Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C215720
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC21-1859) Date of Receipt / 收件日期 : 6 September 2021

Description / 儀器名稱	:	Sound Level Meter
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NL-52
Serial No. / 編號	:	01010406
Supplied By / 委託者	:	Envirotech Services Co. Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration

DATE OF TEST / 測試日期 : 23 September 2021

TEST RESULTS / 測試結果

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

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : Cheuk
K P Cheuk
Project Engineer

Certified By 核證 : K C Lee
Engineer

Date of Issue 簽發日期 : 24 September 2021

Sun Creation Engineering Limited – Calibration & Testing Laboratory
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Certificate of Calibration
校正證書

Certificate No. : C215720
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration using the internal standard (After Adjustment) was performed before the test 6.1.1.2 to 6.3.2.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C210084
CL281	Multifunction Acoustic Calibrator	AV210017

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	* 96.7	± 1.1

* Out of IEC 61672 Class 1 Spec.

6.1.1.2 After Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	94.0	± 1.1

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L_A	A	Fast	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

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Certificate No. : C215720
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6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	94.0	Ref.
			Slow			94.0	± 0.3

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_A	A	Fast	94.00	63 Hz	67.7	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.5
					250 Hz	85.4	-8.6 ± 1.4
					500 Hz	90.8	-3.2 ± 1.4
					1 kHz	94.0	Ref.
					2 kHz	95.3	+1.2 ± 1.6
					4 kHz	95.1	+1.0 ± 1.6
					8 kHz	93.0	-1.1 (+2.1 ; -3.1)
					16 kHz	86.1	-6.6 (+3.5 ; -17.0)

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_C	C	Fast	94.00	63 Hz	93.2	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.5
					250 Hz	94.0	0.0 ± 1.4
					500 Hz	94.1	0.0 ± 1.4
					1 kHz	94.0	Ref.
					2 kHz	93.9	-0.2 ± 1.6
					4 kHz	93.3	-0.8 ± 1.6
					8 kHz	91.1	-3.0 (+2.1 ; -3.1)
					16 kHz	84.2	-8.5 (+3.5 ; -17.0)

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Certificate of Calibration
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Certificate No. : C215720
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 13748

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	63 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	16 kHz	: ± 0.70 dB
104 dB	1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	1 kHz	: ± 0.10 dB (Ref. 94 dB)

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

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

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Appendix 5

Event and Action Plan for Construction Noise Monitoring

	Action			
	ET	IEC	ER	Contractor
Action Level	1. Notify the ER, IEC and Contractor. 2. Carry out investigation. 3. Report the results of investigation to the ER, IEC and Contractor. 4. Discuss with the IEC and Contractor and formulate remedial measures. 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the investigation results submitted by the ET. 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly. 3. Advise the ER on the effectiveness of the proposed remedial measures.	1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures. 4. Ensure remedial measures are properly implemented.	1. Submit noise mitigation proposals to the IEC and ER. 2. Implement noise mitigation proposals.
Limit Level	1. Notify the ER, IEC, Contractor and EPD. 2. Identify sources. 3. Repeat measurements to confirm findings. 4. Increase monitoring frequency. 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented. 6. Inform the IEC, ER and Contractor the causes and action taken for the exceedances. 7. Assess the effectiveness of the Contractor's remedial action and keep the IEC, EPD and ER informed of the results. 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst the ER, ET and Contractor on the potential remedial action. 2. Review the Contractor's remedial action whenever necessary to assure their effectiveness and advise the ER accordingly.	1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures. 4. Ensure remedial measures are properly implemented. 5. If exceedance continues, consider what portion of work is responsible and instruct the Contractor to stop that portion of works until the exceedance is abated.	1. Take immediate action to avoid further exceedance. 2. Submit proposals for remedial action to the IEC and ER within 3 working days of notification. 3. Implement the agreed proposals. 4. Submit further pro posals if problems still not under control. 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Notes

(1) ET – Environmental Team, IEC – Independent Environmental Checker;

(2) Each step of action should be undertaken within 1 working day unless otherwise specified

Appendix 6

Implementation Schedule for Environmental Mitigation Measures (EMIS)

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
Air Quality					
4.8.2	2.3.1	Dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation and good site practices: • Use of regular watering, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather; • Use of frequent watering for particularly dusty construction areas close to ASRs; • Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines; • Open temporary stockpiles should be avoided or covered. Prevent placing dusty material storage plies near ASRs; • Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations; • Establishment and use of vehicle wheel and body washing facilities at the exit points of the site; • Imposition of speed controls for vehicles on unpaved site roads. 8 km/hr is the recommended limit; • Routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs; • Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) , if applicable, should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3-sides; and • Loading, unloading, transfer, handling or storage of large amount of cement or dry PFA should be carried out in a totally enclosed system or facility, and nay vent or exhaust should be fitted with the an effective fabric filter or	All work sites	Contractor and sub-contractor(s)	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		equivalent air pollution control system.			
Noise					
5.8.3	3.4.1 – 3.4.2	Selection and Optimisation of Construction Processes • Carefully arrange the timing and sequencing of the various construction activities according to the actual site work situation; • Limit the quantity of PME to be operated concurrently; • In the case during school examination, more stringent construction noise criteria should be imposed, the potentially most disruptive construction activities should be avoided, and arranged to be conducted during school holidays as far as practicable; and • Preparation of the Construction Noise Management Plan.	All work sites	Contractor and sub-contractor(s)	√
5.8.4 – 5.8.6	3.4.1 – 3.4.2	Use of QPME and Quiet Working Methods In order to reduce the excessive noise impacts at the NSRs, quieter PME are recommended. Whilst quieter PME are listed, the Contractor may be able to obtain particular models of plant that are quieter than the PMEs given in GW-TM. The associated mitigation measures to the particular PME should be reviewed by the Contractor. The use of plants with SWLs less than those in the GW-TM are summarized in ***Table 5.14*** of the EIA report and the proposed mitigated plant inventory for the	All work sites	Contractor and sub-contractor(s)	N/A

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		construction works of the proposed Project is detailed in ***Appendix 5.8***.			
5.8.7 – 5.8.8	3.4.1 – 3.4.2	Use of movable noise barriers The use of movable noise barrier for certain PME could further minimize the construction noise impact. In general 5dB(A) reduction for mobile PME and 10dB(A) for stationary PME can be achieved provided that the direct line-of site of the PME is blocked. The Contractor shall be responsible for the design of the movable noise barrier with due consideration given to the size of the PME and the requirement of intercepting the line of sight between the NSRs and the PME, as well as ensuring that the barriers should have no openings and gaps.	All work sites	Contractor and sub-contractor(s)	N/A
5.8.9	3.4.1 – 3.4.2	Good site practices • Use of well-maintained and regularly-serviced plant during the works; • Plant operating on intermittent basis should be turned off or throttled down to a minimum; • Plant known to emit noise strongly in one direction should be orientated to face away from the NSRs; • Silencers, mufflers and enclosures for plant should be used where possible and properly maintained throughout the works; • Where possible fixed plants should be sited away from NSRs; and • Stockpiles of excavated materials and other structures such as site buildings should be used effectively to screen noise from the works.	All work sites	Contractor and sub-contractor(s)	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
Water Quality & Sewerage					
6.9.1	4.4.2	In accordance with Professional Persons Environmental Consultative Committee Practice Notes (ProPECC PN) 1/94, potential water quality impact shall be minimised by the implementation of construction phase mitigation measures and general good site practice including the following: • At the establishment of works site, perimeter cut-off drains to direct off-site water around the Site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided to divert the stormwater to silt removal facilities. • Dikes or embankments for flood protection should be implemented around the boundaries of earthwork areas. Temporary ditches should be provided to facilitate the run-off discharge into an appropriate watercourse, through a silt/sediment trap. Silt/sediment traps should also be incorporated in the permanent drainage channels to enhance deposition rates; • The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions. The sizes may vary depending upon the flow rate, but for a flow rate of 0.1m^3/s, a sedimentation basin of 30m^3 would be required and for a	All work sites	Contractor and sub-contractor(s)	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		flow rate of 0.5m^3/s the basin would be 150m^3. The detailed design of the sand/silt raps should be undertaken by the Contractor prior to the commencement of construction. • The construction works should be programmed to minimise surface excavation works during rainy seasons (April to September), as possible. All exposed earth areas should be completed and vegetated as soon as possible after completion of the earthwork, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means; • The overall slope of works sites should be kept to a minimum to reduce the erosive potential of surface water flows, and all trafficked areas and access roads should be protected by coarse stone ballast. An additional advantage accruing from the use of crushed stone is the positive traction gained during the prolonged periods of inclement weather and the reduction of surface sheet flows; • All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure their proper and efficient operation at all times particularly following rainstorms. Deposited silts and grits should be removed regularly and disposed of by spreading evenly over stable, vegetated areas; • Measures should be taken to minimise the ingress of site drainage into excavations. If the excavation of trenches in wet season is inevitable, they should be dug and backfilled in short sections wherever practicable. The water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities; • All open stockpiles of construction materials (for example, aggregates, sand and fill materials) should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system; • Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials			√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		or debris being washed into the drainage system and storm run-off being directed into foul sewers; - Precautions to be taken at any time of the year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecasted and during or after rainstorms, are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface run-off during storm events; - All vehicles and plants should be cleaned before leaving the Project site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing bay should be provided at the exit of Project site where practicable. Wash-water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-washing bay to public roads should be paved with sufficient backfall toward the wheel-washing bay to prevent vehicle tracking of soil and silty water to public roads and drains; - Oil interceptors should be provided in the drainage system downstream of any oil/fuel pollution sources. Oil interceptors should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for oil interceptors to prevent flushing during heavy rain. Any drainage channels connecting storm drains via designed sand/silt removal facilities should be disconnected/removed after completion of construction stage to prevent any direct discharge to the stormwater system; - The construction solid waste, debris and rubbish on-site should be collected, handled and disposed of properly to avoid causing any water quality impacts. The requirements for solid waste management are detailed in Section 8 of EIA report; and - All fuel tanks and storage areas should be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching the nearby WSRs.			√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
6.9.3	4.4.3	There is a need to apply to the EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements as specified in the discharge licence. All the run-off and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the Technical Memorandum. Minimum distances of 100 m should be maintained between the discharge points of construction site effluent and the existing seawater intakes. In addition, no new effluent discharges in nearby typhoon shelters should be allowed. The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., would minimise water consumption and reduce the effluent discharge volume.	All work sites	Contractor and sub-contractor(s)	√
6.9.4	4.4.4	Portable chemical toilets and sewage holding tanks are recommended for the handling of the construction sewage generated by the workforce. A licenced contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	All work sites	Contractor and sub-contractor(s)	√
6.9.6	4.4.5	Any maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should be undertaken within the areas appropriately equipped to control these discharges.	All work sites	Contractor and sub-contractor(s)	√
6.9.7	4.4.6	All sewage arising from the proposed Project should be collected and diverted to the public foul water drainage system via proper connections to minimise water quality impact from the operation of the Project and ensure compliance with Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters under the Water Pollution Control Ordinance (WPCO-TM).	The Government Complex and Vehicle Depot	Contractor and sub-contractor(s), HKPF, FEHD, EMSD and GL	√
6.9.8	4.4.7	Run-offs from the covered areas including vehicle washing bays and vehicle examination / maintenance / repair / testing area would be properly treated prior to discharge into the foul water drainage system. The wastewater treatment	The Government Complex and Vehicle Depot	Contractor and sub-contractor(s)	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		facilities for the proposed Project, which comprised of petrol interceptor and sedimentation tank, would be designed using sedimentation process with adequate treatment capacity. Oily waste collected by petrol interceptors is considered and disposed of as chemical waste. The wastewater treatment facilities for the proposed Project will be designed during the detailed design stage and the treated effluent for discharging into the public foul water drainage system should comply with the effluent standards as stated in the WPCO-TM.			
Landscape and Visual					
7.8.2	5.2.1	Hoardings should be provided with aesthetic treatment and designed to be subtle and camouflaged. It should be compatible with the surrounding landscape and visually "impermeable" to block the view of construction activities from VSRs.	All work sites	Contractor and sub-contractor(s)	√
7.8.3	5.2.1	Temporary landscape treatment, such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office, should be considered during construction phase. Landscape planting in movable planters should also be considered as a temporary greening measure for the Project area (i.e. along Site hoarding). Design of the green roof and the type of species to be used shall be reviewed and confirmed during detailed design stage.	All work sites	Contractor and sub-contractor(s)	N/A

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
7.8.4	5.2.1	Disturbance to existing vegetation should be avoided as far as practicable. Where possible, the construction programme should retain all trees in situ that are not in direct conflict with the development proposals. Subject to the detailed design of the proposed Project, a review shall be carried out before commencement of construction phase to assess the potential conflict of the construction activities with existing roadside trees and the need of corresponding measures. Proper protective fencing should be provided by the Contractor to protect the preserved trees before commencement of any works within the Project site. The protective fencing should be erected along or beyond the perimeter of the tree protection zone of each individual tree.	All work sites	Contractor and sub-contractor(s)	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
7.8.7	5.2.1	A multi-patch of landscape area should be provided on the roof of the proposed building to soften the impact of the built structure. An area of approximately 2600m^2 of shrub, which comprises of a mix of native and ornamental species, is proposed to be provided to enhance the aesthetics of views for those viewing the roof. The type of shrub species will be confirmed during detailed design stage. The planting should be commenced during construction stage and be completed before the completion of construction stage to ensure the measure will be implemented on Day 1 of operation stage. Vegetation maintenance should be provided by the Operator.	The Government Complex and Vehicle Depot	Contractor and sub-contractor(s), Operator	N/A
7.8.8 7.8.9	5.2.1	The exterior of the permanent structure of the proposed Project should use non-reflective external finishes in light colour that is visually unobtrusive with surrounding context. Non-reflective paving materials should be considered to reduce potential glare from surface reflectance. The finishing material and colour will be reviewed and confirmed during detailed design stage. Lighting should be efficiently designed so that minimum amount of lighting is required for safety and security. The design may make reference to the Guidelines on Industry Best Practices for External Lighting Installations by Environmental Bureau, EPD and EMSD. The mounting height and direction of exterior lighting fixtures shall be designed and arranged to point away from sensitive receivers where possible. Specification of lighting operation schedule shall be formed by the operator to impose restriction on lighting operation after business hours, such as limiting the operation of lighting except for security lighting only, and in areas with necessary night-time operation where applicable.	The Government Complex and Vehicle Depot	Contractor and sub-contractor(s), Operator	

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
8.5.1	6.2.1	Recommendations for good site practices: • The Contractor shall prepare a Waste Management Plan (WMP) in accordance with the requirements set out in the ETWB TCW No. 19/2005, Waste Management on Construction Site, for the Engineer's Representative approval. The WMP shall include monthly and yearly Waste Flow Tables that indicate the amounts of waste generated, recycled and disposed of (including final disposal site); • The Contractor's waste management practices and effectiveness shall be audited by the Engineer's Representative on regular basis; • The Contractor shall provide training for site staff for the concept of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; • The Contractor shall ensure sufficient waste disposal points and regular collection of waste; • The Contractor shall use trucks with covering for the open-box bed and enclosed container shall be used to minimise windblown litter and dust during transportation of waste; • The Contractor shall implement regular cleaning and maintenance programme for drainage systems, pumps and oil interceptors; • Separation of chemical wastes for special handling and appropriate treatment at a Chemical Waste Treatment Facility (CWTF); • Encourage collection of aluminium cans, paper and plastic bottles by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the workforce; • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Wheel washing facilities shall be used by all trucks leaving the site to prevent transfer of mud onto public roads;	All works sites	Contractor and Sub-contractors	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		• Make provisions in contract documents to allow and promote the use of recycled aggregates where appropriate; • No waste shall be burnt on-site; • A recording system for the amount of wastes generated, recycled and disposed (including disposal sites) should be proposed; • Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste; and • Adequate numbers of portable toilets should be provided for on-site workers. Portable toilets should be maintained in reasonable states, which will not deter the workers form utilizing them. Night soil should be regularly collected by licensed collectors.			√
8.5.1	6.2.1	<u>C&D Materials / Waste:</u> • Use standard formwork or pre-fabrication as far as practicable so as to minimise the C&D Materials arising; • Consider the use of more durable formwork or plastic facing for construction works; • Avoid the use of wooden hoardings and substitute with metal hoarding to facilitate recycling; • Purchase of construction materials should be carefully planned in order to avoid over-ordering and wastage; • Establish a trip-ticket system in accordance with DevB TC(W) No. 6/2010 and Waste Disposal (Charges for Disposal of Construction Waste) Regulation in order to monitor the disposal of inert C&D Materials at public fill and the remaining C&D Waste to landfills, and control fly-tipping; • Design foundation works to minimise the amount of excavated material to be generated; • Sort construction debris and excavated materials on-site to recover	All work sites	Contractor and Sub-contractors	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		reusable/recyclable portions (i.e. soil, broken concrete, metal, etc.) for backfilling and reinstatement; • Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Specify in design & build contract the use of recycled aggregates where appropriate; • Plan and stock construction materials carefully to minimise the amount of waste to be generated and to avoid unnecessary generation of waste; and • Recommend the use of metal fencing or building panels, which are more durable than wooden panels, for the erection of construction site hoarding.			√
8.5.1	6.2.1	<u>Chemical waste:</u> • Chemical waste producers should be registered with the EPD; • Chemical waste should be handled in accordance with the "Code of Practice on the Packaging, Handling and Storage of Chemical Wastes" including but not limited to the followings: – Good quality containers compatible with the chemical wastes should be used and maintained in good conditions and securely closed, with incompatible chemicals be stored separately. – Appropriate labels should be securely attached on each chemical waste container in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations. – A licensed collector to transport and dispose of the chemical wastes should be employed by the Contractor, to either the Chemical Waste Treatment Centre at Tsing Yi, or any other licensed facilities. • Waste oils, chemicals or solvents should not be discharged to drain; and • Routine cleaning and maintenance programme for drainage systems, sumps	The Government Complex and Vehicle Depot	Contractor and Sub-contractor; HKPF, FEHD, EMSD and GL	√

EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		and oil interceptors during operation.			
8.5.1	6.2.1	General refuse: • Sufficient dustbins should be provided for storage of waste as required under the Public Cleansing and Prevention of Nuisances By-laws; • Sufficient enclosed bins should be provided for general refuse, food and beverage waste to reduce odour, pest and litter impacts; • General refuse arising on-site should be stored in enclosed bins or compaction units separately from C&D and chemical wastes; • A reliable waste collector should be employed to clear general refuse from the construction site on a daily basis and disposed of to the licensed landfill or refuse transfer station; • Office wastes can be reduced by recycling of paper if such volume is sufficiently large to warrant collection. Participation in a local collection scheme by the Contractor should be advocated; and • Waste separation facilities for paper, aluminium cans, plastic bottles, etc. should be provided on-site and collected by individual collectors should be encouraged.	The Government Complex and Vehicle Depot	Contractor and Sub-contractor; HKPF, FEHD, EMSD and GL	√
Hazard to Life					
10.11.1	8.2.1	Recommendations for good site practices in construction phase: • ignition of fire on site should be controlled throughout the construction programme; • any temporary storage of fuel and flammable chemical should be minimised to reduce chance of causing explosion or escalation of fire in the case of emergency event at nearby potentially hazardous sources;	All works area	Contractor and sub-contractors	√

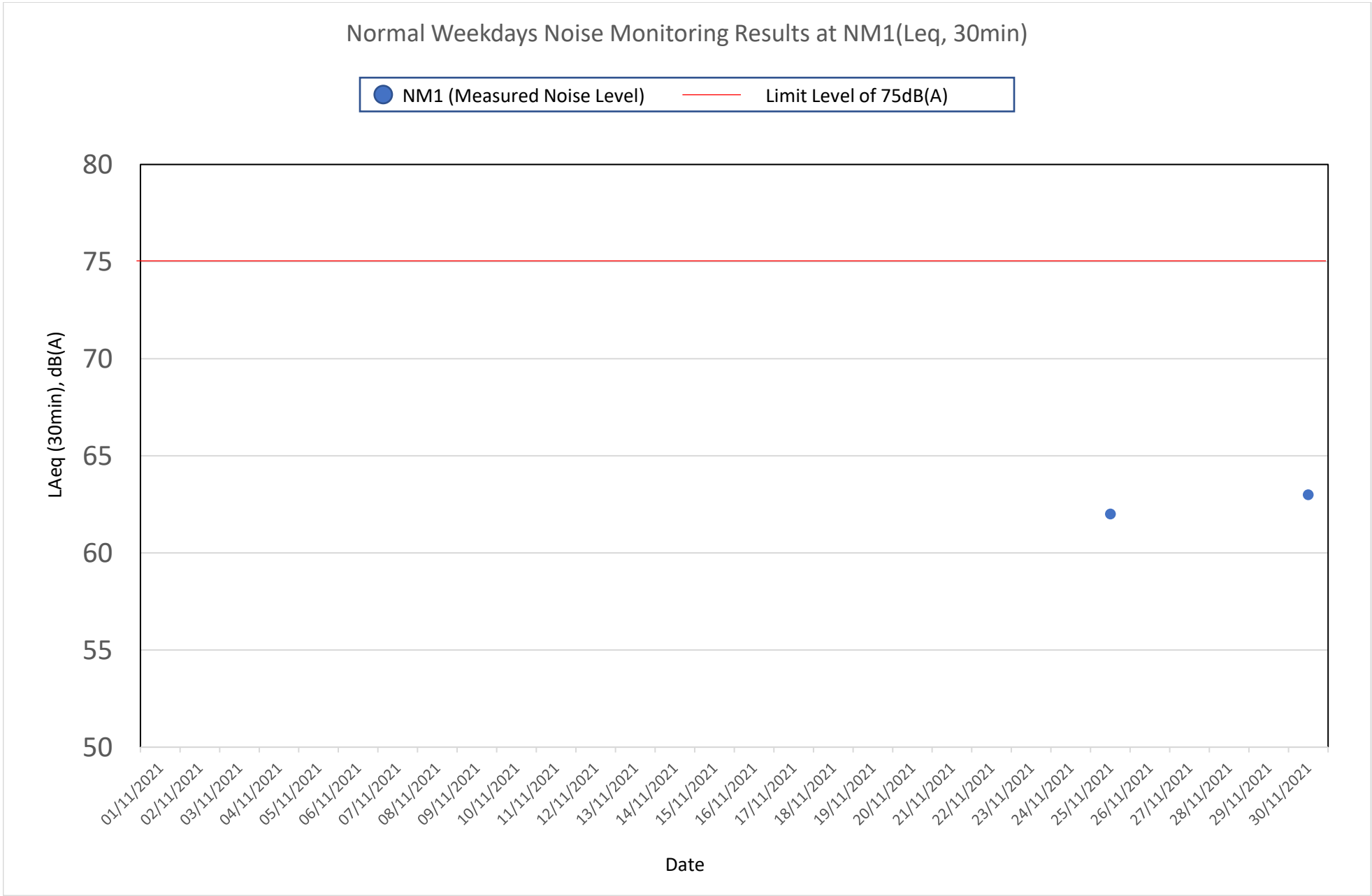
EIA Ref.	EM&A Manual Ref.	Environmental Protection Measures	Location/ Duration of Measures/ Timing of Completion of Measures	Implementation Agent	Status
		• fire extinguisher or other firefighting equipment should be made easily accessible to on-site workers; and • establish communication channel and evacuation plan in the case of emergency event at nearby potentially hazardous sources.			

Remark:
√ Compliance of Mitigation Measures
<> Compliance of Mitigation but need improvement
x Non-compliance of Mitigation Measures
▲ Non-compliance of Mitigation Measures but rectified by Gammon Construction Ltd
Δ Deficiency of Mitigation Measures but rectified by Gammon Construction Ltd
N/A Not Applicable in Reporting Period

Appendix 7

Date(yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	1st set 5mins, dB(A)	2nd set 5mins, dB(A)	3rd set 5mins, dB(A)	4th set 5mins, dB(A)	5th set 5mins, dB(A)	6th set 5mins, dB(A)	Measured Noise Level [Construction Noise Level], Leq 30mins, dB(A)	Unit
2021-11-25	NM1	10:14	0.5	Leq: 62.0 L10: 65.5 L90: 57.2	Leq: 62.0 L10: 64.0 L90: 58.0	Leq: 63.0 L10: 66.1 L90: 57.7	Leq: 62.8 L10: 66.9 L90: 58.1	Leq: 61.9 L10: 64.9 L90: 57.5	Leq: 62.7 L10: 65.4 L90: 59.5	Leq: 62*	dB(A)
2021-11-25	NM2a	11:02	0.5	Leq: 71.6 L10: 74.8 L90: 66.9	Leq: 73.9 L10: 74.2 L90: 66.0	Leq: 74.3 L10: 77.6 L90: 66.2	Leq: 72.9 L10: 75.1 L90: 64.4	Leq: 74.4 L10: 76.0 L90: 65.8	Leq: 77.4 L10: 78.3 L90: 66.3	Leq: 74* [68 #]	dB(A)
2021-11-25	NM3	13:01	1.0	Leq: 66.2 L10: 67.7 L90: 64.8	Leq: 67.5 L10: 69.7 L90: 64.7	Leq: 68.7 L10: 70.7 L90: 65.8	Leq: 67.1 L10: 69.1 L90: 64.9	Leq: 69.1 L10: 71.6 L90: 65.5	Leq: 68.4 L10: 70.5 L90: 65.2	Leq: 68	dB(A)
2021-11-30	NM1	10:16	1.1	Leq: 62.6 L10: 65.3 L90: 58.4	Leq: 63.9 L10: 66.4 L90: 59.0	Leq: 64.0 L10: 66.7 L90: 59.6	Leq: 62.6 L10: 65.3 L90: 58.5	Leq: 63.0 L10: 65.9 L90: 58.4	Leq: 62.4 L10: 65.1 L90: 57.4	Leq: 63*	dB(A)
2021-11-30	NM2a	11:10	0.7	Leq: 73.6 L10: 77.3 L90: 64.9	Leq: 74.0 L10: 77.0 L90: 67.2	Leq: 74.5 L10: 77.4 L90: 68.0	Leq: 70.3 L10: 72.8 L90: 65.2	Leq: 75.5 L10: 76.7 L90: 66.9	Leq: 74.3 L10: 76.8 L90: 67.2	Leq: 74* [65 #]	dB(A)
2021-11-30	NM3	13:11	0.7	Leq: 68.7 L10: 71.0 L90: 65.4	Leq: 69.1 L10: 71.6 L90: 65.7	Leq: 68.5 L10: 70.4 L90: 64.2	Leq: 67.0 L10: 68.9 L90: 64.3	Leq: 66.1 L10: 67.3 L90: 64.5	Leq: 66.9 L10: 68.5 L90: 65.1	Leq: 68	dB(A)

Remark: * A facade correction of +3 dB(A) was applied to the measured noise level.
The measured noise level exceeded the noise level of 70dB(A) and it was higher than the baseline level of 73.4 dB(A). Therefore, baseline correction was carried out and the corrected noise level which solely represent the noise level of Construction works are lower than the noise criteria. As such the EAP was not triggered.


Normal Weekdays Noise Monitoring Results at NM1(Leq, 30min)
NM1 (Measured Noise Level)
Limit Level of 75dB(A)
LAeq (30min), dB(A)
80
75
70
65
60
55
50
01/11/2021
02/11/2021
03/11/2021
04/11/2021
05/11/2021
06/11/2021
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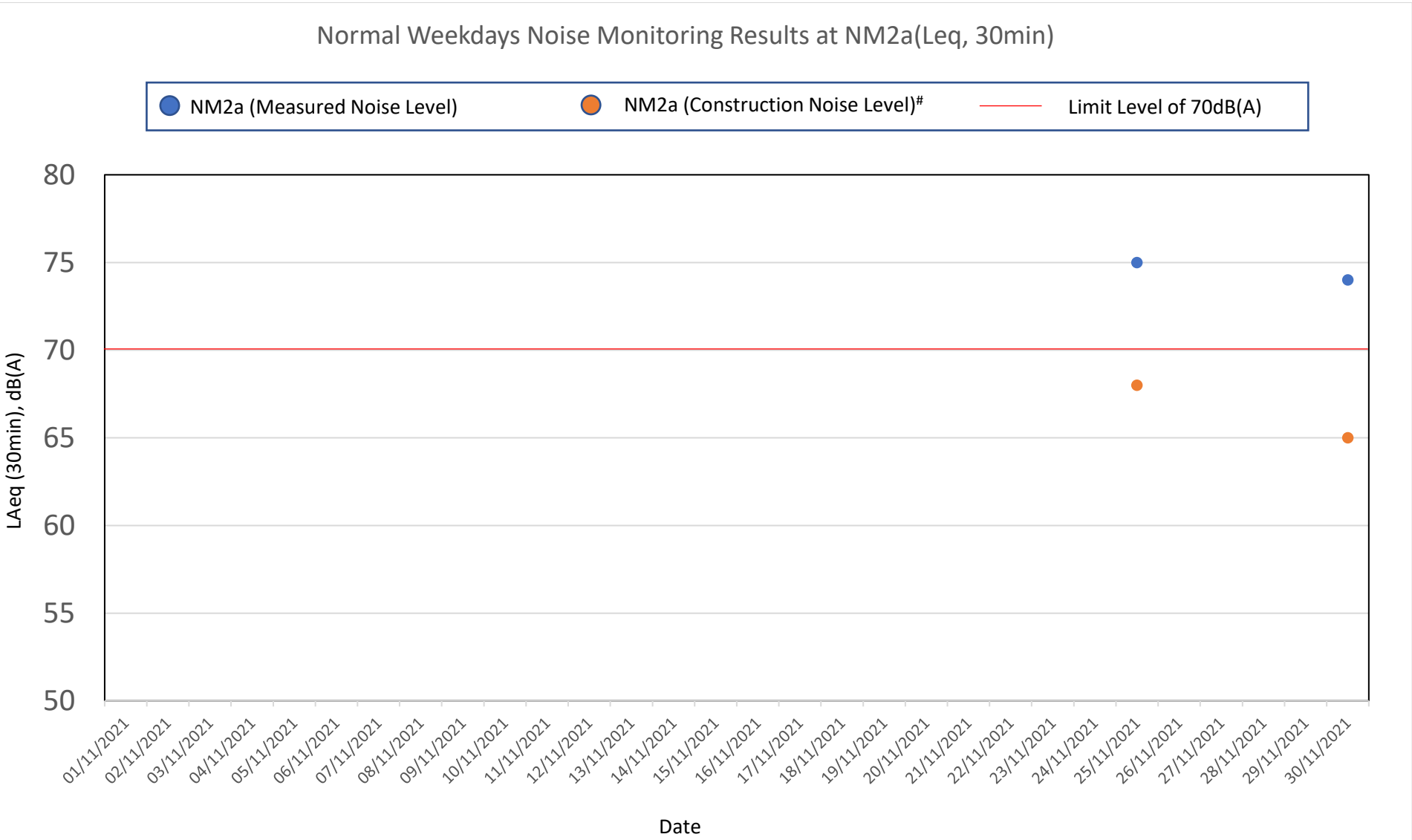
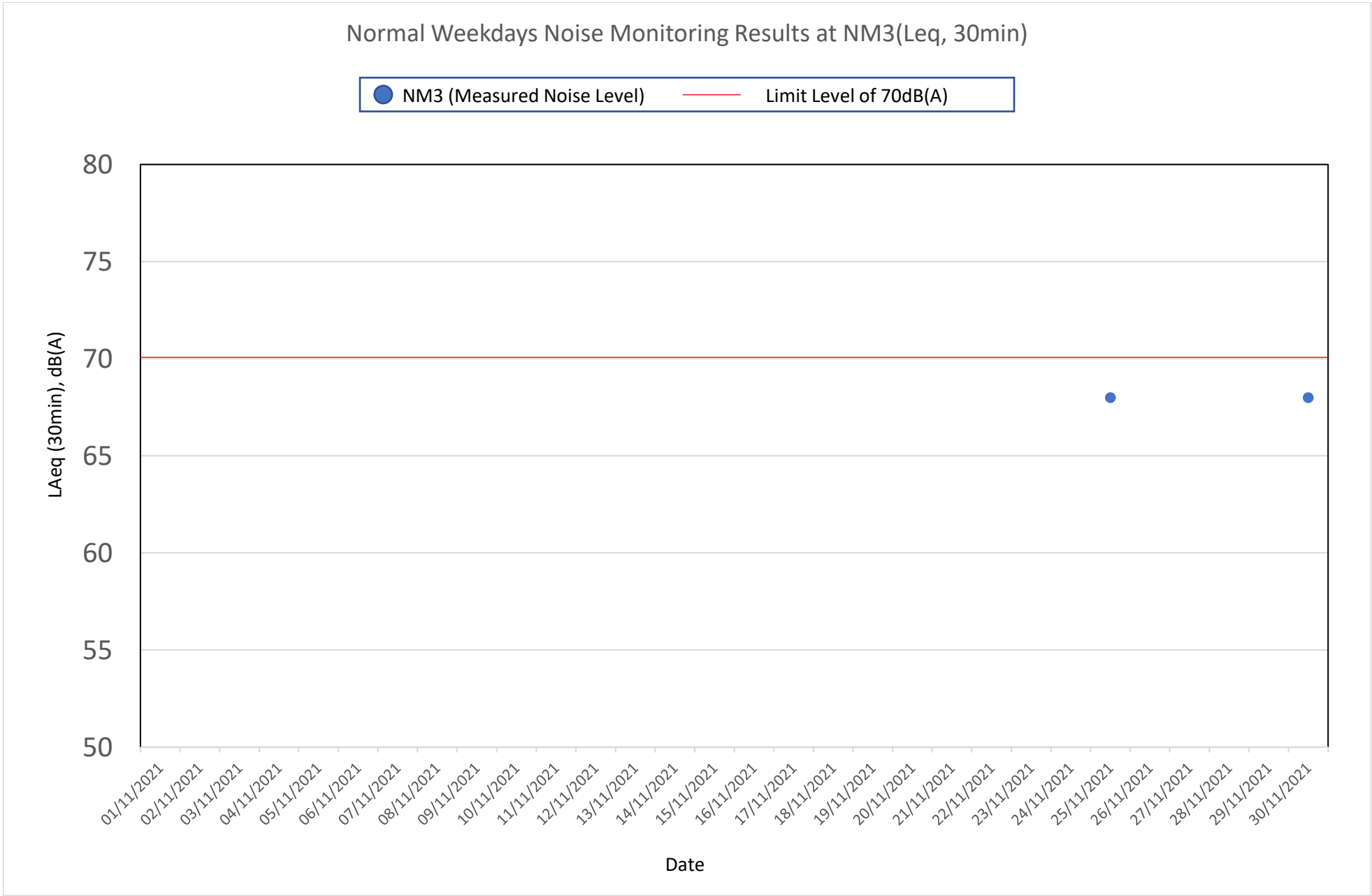
Date



Remark: # The measured noise level exceeded the noise level of 70dB(A) and it was higher than the baseline level of 73.4 dB(A). Therefore, baseline correction was carried out and the corrected noise level which solely represent the noise level of Construction works are lower than the noise criteria. As such the EAP was not triggered.


Normal Weekdays Noise Monitoring Results at NM3(Leq, 30min)
NM3 (Measured Noise Level)
Limit Level of 70dB(A)
LAeq (30min), dB(A)
80
75
70
65
60
55
50
01/11/2021
02/11/2021
03/11/2021
04/11/2021
05/11/2021
06/11/2021
07/11/2021
08/11/2021
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24/11/2021
25/11/2021
26/11/2021
27/11/2021
28/11/2021
29/11/2021
30/11/2021
Date

Appendix 8

Waste Flow Table

Total Quantities of C&D Materials to be Generated from the Contract											
Month	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in Other Projects	Disposed as Public Fill (Inert waste)	Imported Fill	Metals	Timber	Paper / Cardboard Packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse (Non-inert waste)
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
Jul-21	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0.005
Oct-21	0	0	0	0	0	0	0	0	0	0	0.005
Nov-21	0	0	0	0.0	0	0	6.77	0.055	0	0	0.005
Total	0	0	0	0.0	0	0	6.77	0.055	0	0	0.015

- Inert waste will be disposed to Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB). Non-inert waste (General refuse) will be disposed to North East New Territories Landfill (NENT).

-The conversion factor: 1 full load of dumping truck being equivalent to 0.0065m3 by volume & 3/4 load of dumping truck being equivalent to 0.005m3 by volume.

Appendix 9

Inspection Date:	25-Nov 2021	Inspected By:	Keith CHAU
Time:	14:00 – 14:30	Weather Condition:	Sunny
Participants:	Mr. K.H.Lam (Engineer's Representative); Tony Ng (Contractor); Bobo Hui (IEC); Keith Chau (ET)		

A	Permits/Licenses	N/A or Not Observed	Yes	No	Remarks / Photo
A1	Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access?	☐	☒	☐	EP No.: EP-505/2015/A
A2	Are Construction Noise Permits available for inspection/posted at site entrance.	☐	☒	☐	CNP No.: GW-RS0759-21
A3	Is wastewater discharge licence available for inspection?	☐	☒	☐	
A4	Are trip tickets for chemical waste and construction waste disposal available for inspection?	☒	☐	☐	
A5	Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection?	☒	☐	☐	

B	Air Quality	N/A or Not Observed	Yes	No	Remarks / Photo
B1	Is open burning avoided?	☐	☒	☐	
B2	Are completed earthworks sealed as soon as practicable?	☐	☒	☐	
B3	Are plant and equipment well maintained (i. e. without black smoke from powered plant)?	☐	☒	☐	
B4	Any remedial action undertaken?	☒	☐	☐	N.A.
B5	Observed dust source(s)				
		☐ Wind erosion			
		☐ Vehicle/ Equipment Movements			
		☐ Loading/ unloading of materials			
		☒ Others: N.A.			
B6	Are unpaved areas/ designated roads watered regularly to avoid dust generation?	☐	☒	☐	Reminder: The contractor was reminded to increase the frequency of watering haul roads and work areas as the weather has been dry in recent days.
B7	Are dusty materials 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?	☐	☒	☐	
B8	After removal of stockpile, are the remained dusty materials wetted with water and cleared from surface of roads?	☒	☐	☐	N.A.

B9	Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones?	☒	☐	☐	N.A.
B10	Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site?	☒	☐	☐	N.A.
B11	Are wheel washing facilities with high pressure water jet provided at all site exits if practicable?	☐	☒	☐	
B12	Are all vehicles and plant cleaned before they leave the construction site?	☐	☒	☐	
B13	Are hoarding ≥ 2.4m tall provided beside roads or area with public access?	☐	☒	☐	
B14	Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials?	☐	☒	☐	
B15	Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously?	☒	☐	☐	N.A.
B16	Is the area involved demolition activities 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?	☒	☐	☐	N.A.
B17	Is scaffolding erected around the perimeter of a building under construction?	☒	☐	☐	N.A.
B18	Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding?	☒	☐	☐	N.A.
B19	Is the skip hoist for materials transport enclosed by impervious sheeting?	☒	☐	☐	N.A.
B20	Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides?	☒	☐	☐	N.A.
B21	Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcores?	☐	☒	☐	
B22	Are cement or dry PFA delivered in bulk 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?	☒	☐	☐	N.A.
B23	Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility?	☒	☐	☐	N.A.
B24	Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system?	☒	☐	☐	N.A.
B25	Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after last construction activity on the construction site or part of the construction site where the exposed earth lies?	☒	☐	☐	N.A.
B26	Are the worksites wetted with water regularly?	☐	☒	☐	Reminder: The contractor was

					reminded to increase the frequency of watering haul roads and work areas as the weather has been dry in recent days.
B27	Is generation of dust avoided during loading or unloading?	☐	☒	☐	
B28	Are all trucks loaded to a level within the side and tail boards?	☒	☐	☐	N.A.
B29	Are appropriate speed limit sign displayed?	☐	☒	☐	
B30	Are designated roads paved?	☐	☒	☐	
B31	Are site vehicle movements confined to designated roads?	☐	☒	☐	

C	Noise	N/A or Not Observed	Yes	No	Remarks / Photo
C1	Is well-maintained plant operated on-site and plant served regularly?	☐	☒	☐	
C2	Are vehicles and equipment switched off or throttled down while not in use?	☐	☒	☐	
C3	Is the noise directed away from nearby NSRs?	☐	☒	☐	
C4	Are the silencers or mufflers properly fitted on construction equipment and maintained regularly?	☐	☒	☐	
C5	Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs?	☐	☒	☐	
C6	Are material stockpiles, mobile container officer and other structures utilised to screen noisy activates?	☒	☐	☐	N.A.
C7	Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs?	☐	☒	☐	
C8	Are noise barriers (typically density @14kg/m^2) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs?	☒	☐	☐	N.A.
C9	Is the sequencing operation of construction plants where practicable?	☐	☒	☐	
C10	Is the hoarding maintained properly?	☐	☒	☐	
C11	Do air compressors have valid noise labels?	☒	☐	☐	N.A.
C12	Are compressor operated with doors closed?	☒	☐	☐	N.A.
C13	QPME used with valid noise labels?	☒	☐	☐	N.A.
C14	Major noise source(s)				
		☒ Traffic			

	☐ Construction activities inside of site
	☐ Construction activities outside of site
	☐ Others:

D	Water Quality	N/A or Not Observed	Yes	No	Remarks / Photo
Construction Activities					
D1	Are catchpits and perimeter channels constructed in advance of site formation works and earthworks?	☐	☒	☐	
D2	Is wastewater from temporary site facilities controlled to prevent direct discharge to surface or marine water?	☐	☒	☐	
D3	Is minimise surface excavation works during rainy seasons (April to September), as possible?	☒	☐	☐	N.A.
D4	Is the storm drainage directed to storm drains via adequately designed sand/ silt removal facilities e.g. sand traps, silt?	☐	☒	☐	
D5	Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to such silt removal facilities?	☐	☒	☐	
D6	Are the silt removal facilities, channels and manholes maintained regularly?	☐	☒	☐	
D7	Are the temporary access roads surfaced with crushed stone or gravel?	☐	☒	☐	
D8	Is the deposited silt and grit removed regularly?	☐	☒	☐	
D9	Is rainwater pumped out from trenches discharged into storm drains via silt system?	☒	☐	☐	N.A.
D10	Are measures taken to prevent the washout of construction materials, soil, silt or debris into any drainage system?	☐	☒	☐	
D11	Are open stockpiles of construction materials e.g. aggregates and sand on site covered with tarpaulin or similar fabric during rainstorms??	☐	☒	☐	
D12	Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage?	☐	☒	☐	
D13	Are the discharges of surface run-off into foul sewer always prevented?	☐	☒	☐	
D14	Is a wheel washing bay provided at every site exit?	☐	☒	☐	
D15	Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain?	☐	☒	☐	

D16	Is the section of construction road between the wheel washing bay and the public road surfaced with crushed stone or coarse gravel?	☐	☒	☐	
D17	Is wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities screened to remove large objects?	☒	☐	☐	N.A.
D18	Are the vehicle and plant serving areas, vehicle wash bays and lubrication facilities located under roofed areas?	☐	☒	☐	
D19	Is leakage or spillages contained and cleaned up immediately?	☒	☐	☐	N.A.
D20	Does the surface runoff from bunded areas pass through oil/grease traps prior to discharge to the storm water system?	☒	☐	☐	N.A.
D21	Are site drainage systems provided over the entire project site with sediment control facilities?	☐	☒	☐	
D22	Are sedimentation tanks or package treatment systems provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works?	☐	☒	☐	
D23	Is the generated wastewater with high concentrations of SS collected to the sedimentation tanks or package treatment systems for proper treatment prior to disposal?	☐	☒	☐	
D24	Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning?	☐	☒	☐	
D25	Is the sewage generated from toilets collected using a temporary storage system?	☐	☒	☐	
D26	Is there any sediment plume observed in nearby watercourses?	☒	☐	☐	Not observed.
D27	Are slit-grease traps deployed to prevent a direct input of road surface runoff to the marine waters?	☒	☐	☐	N.A.

E	**Waste / Chemical Management**	**N/A or Not Observed**	**Yes**	**No**	**Remarks / Photo**
General Waste					
E1	Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes?	☐	☒	☐	
E2	Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.?	☐	☒	☐	
E3	Does accumulation of waste avoid?	☐	☒	☐	
E4	Is waste disposed regularly?	☐	☒	☐	
Construction Waste					
E5	Are the temporary stockpiles maintained regularly?	☒	☐	☐	N.A.
E6	Is the excavated fill material reused for backfilling and reinstatement?	☒	☐	☐	N.A.

E7	Are the C&D materials sorted and recycled on-site?	☒	☐	☐	N.A.
E8	Is there any contract documents provided to allow and promote the use of recycled aggregates where appropriate?	☒	☐	☐	Not observed.
E9	Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.?	☒	☐	☐	N.A.
E10	Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal?	☐	☒	☐	
E11	Is the durable formwork or plastic facing for construction works used?	☒	☐	☐	N.A.
E12	Do the wooden hoardings avoid to be used?	☐	☒	☐	
E13	Is metal hoarding used to enhance the possibility of recycling?	☐	☒	☐	
E14	Is the segregation and storage of C&D wastes undertaken in designated are?	☐	☒	☐	
E15	Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance?	☐	☒	☐	
E16	Do the excavated materials appear contaminated?	☒	☐	☐	N.A.
E17	If suspected contaminated, appropriate procedures followed?	☒	☐	☐	N.A.
Chemical / Fuel Storage Area					
E18	Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas?	☐	☒	☐	
E19	Are the storage area enclosed 3 sides by walls/ fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste?	☐	☒	☐	
E20	Are the storage areas labelled and separated (if needed)?	☐	☒	☐	
E21	Do the storage areas have adequate ventilation and be covered to prevent rainfall entering?	☐	☒	☐	
E22	Are the containers used for the storage of chemical wastes suitable for the substance that are holding, resist to corrosion, maintained in a good condition, and securely closed?	☐	☒	☐	
E23	If no specification has been approved by EPD, are container with <450L capacity provided for storage of chemicals waste?	☐	☒	☐	
Chemical Waste / Waste Oil					
E24	Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area?	☒	☐	☐	N.A
E25	Are chemicals and waste oil recycled or disposed properly?	☒	☐	☐	N.A
E26	Is waste oil collected and stored for recycling or disposal?	☒	☐	☐	N.A
Records					

E27	Is a licensed waste haulier used for waste collection?	☐	☒	☐	
E28	Are the records of quantities of wastes generated, recycled and disposed properly kept?	☒	☐	☐	N.A
E29	For the demolition material/ waste, is the number of loads for each day recorded as appropriate?	☒	☐	☐	N.A

F	**Landscape and Visual Impacts**	**N/A or Not Observed**	**Yes**	**No**	**Remarks / Photo**
F1	Is the work site confined within site boundaries?	☐	☒	☐	
F2	Is damage to surrounding areas avoided?	☐	☒	☐	
F3	Is the hoardings with aesthetic treatment provided and designed to be subtle and camouflaged?	☐	☒	☐	
F4	Is the temporary landscape treatment provided (such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office)?	☒	☐	☐	Not observed.
F5	Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree?	☐	☒	☐	

G	**Environmental Complaint**	**N/A or Not Observed**	**Yes**	**No**	**Remarks / Photo**
G1	Number of Environmental Complaint received from 25/11/2021 to 25/11/2021	☐	☐	☒	

H	**General Housekeeping**	**N/A or Not Observed**	**Yes**	**No**	**Remarks / Photo**
H1	Are potential stagnant pools cleared and mosquito breeding prevented?	☐	☒	☐	
H2	Are the defined boundaries of working areas identified to prevent loss of vegetation	☐	☒	☐	

I	**Others**	**N/A or Not Observed**	**Yes**	**No**	**Remarks / Photo**
I1	Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets?	☐	☒	☐	

Follow up action for previous Site Inspection:

N.A.

Observations:

N.A.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

Reminder:

The contractor was reminded to increase the frequency of watering haul roads and work areas as the weather has been dry in recent days.

Remark: The contractor has arranged for workers to enhancing the watering in the site area after the site inspection

	Environmental Team Representative:	IEC's Representative:	Contractor's Representative:	Engineer's Representative
Signature:				
Name:	Keith Chau	BoBo Hui	Tony Ng	Henry Lam (SUPD/COW)
Date:	26 Nov 2021	29 Nov 2021	29 Nov 2021	29 Nov 2021

Appendix 10

2021 December

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
29	30	01	02	03	04	05
06	07 Noise Monitoring (NM1, NM2a and NM3)	08	09	10	11	12
13	14 Noise Monitoring (NM1, NM2a and NM3)	15	16	17	18	19
20	21 Noise Monitoring (NM1, NM2a and NM3)	22	23	24	25	26
27	28 Noise Monitoring (NM1, NM2a and NM3)	29	30	31	01	02
03	04	Notes: **The schedule is subject to change due to unforeseeable circumstances (e.g. adverse weather, etc.).**				

Prepared by:

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