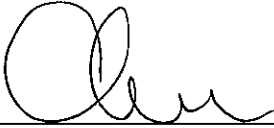


MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 1: Tseung Kwan O Area 137 Magazine Site
(October 2012) Rev. A

Verified by:  _____

Position: Independent Environmental Checker

Date: 24 Oct 2012

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 1: Tseung Kwan O Area 137 Magazine Site
(October 2012) Rev. A

Certified by:  _____

Position: Environmental Team Leader

Date: 24 OCT 2012

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 1: Tseung Kwan O Area 137 Magazine Site
(October 2012) Rev. A

Certified by:  _____

Position: Registered Landscape Architect

Date: 19/10/2012

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 1: Tseung Kwan O Area 137 Magazine Site
(October 2012) Rev. A

1. INTRODUCTION

This landscape and visual plan covers Tseung Kwan O Area 137 Magazine Site in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/B) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”. Further to the Tree Removal Application approved by Lands Department after EIA approval, six trees shall be planted near the boundary of the magazine. No mitigation can be proposed within the magazine.

The landscape and visual mitigation measures of the Project will be commenced by phases with TKO Area 137 come first. The landscape and visual plans for other areas of the Project shall be submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR TSEUNG KWAN O AREA 137 MAGAZINE SITE

2.1. Design Details

Please refer to the attached drawing no. 0158k11a.

2.2. Locations

Please refer to the attached drawing no. 0158k11a.

2.3. Implementation Programme

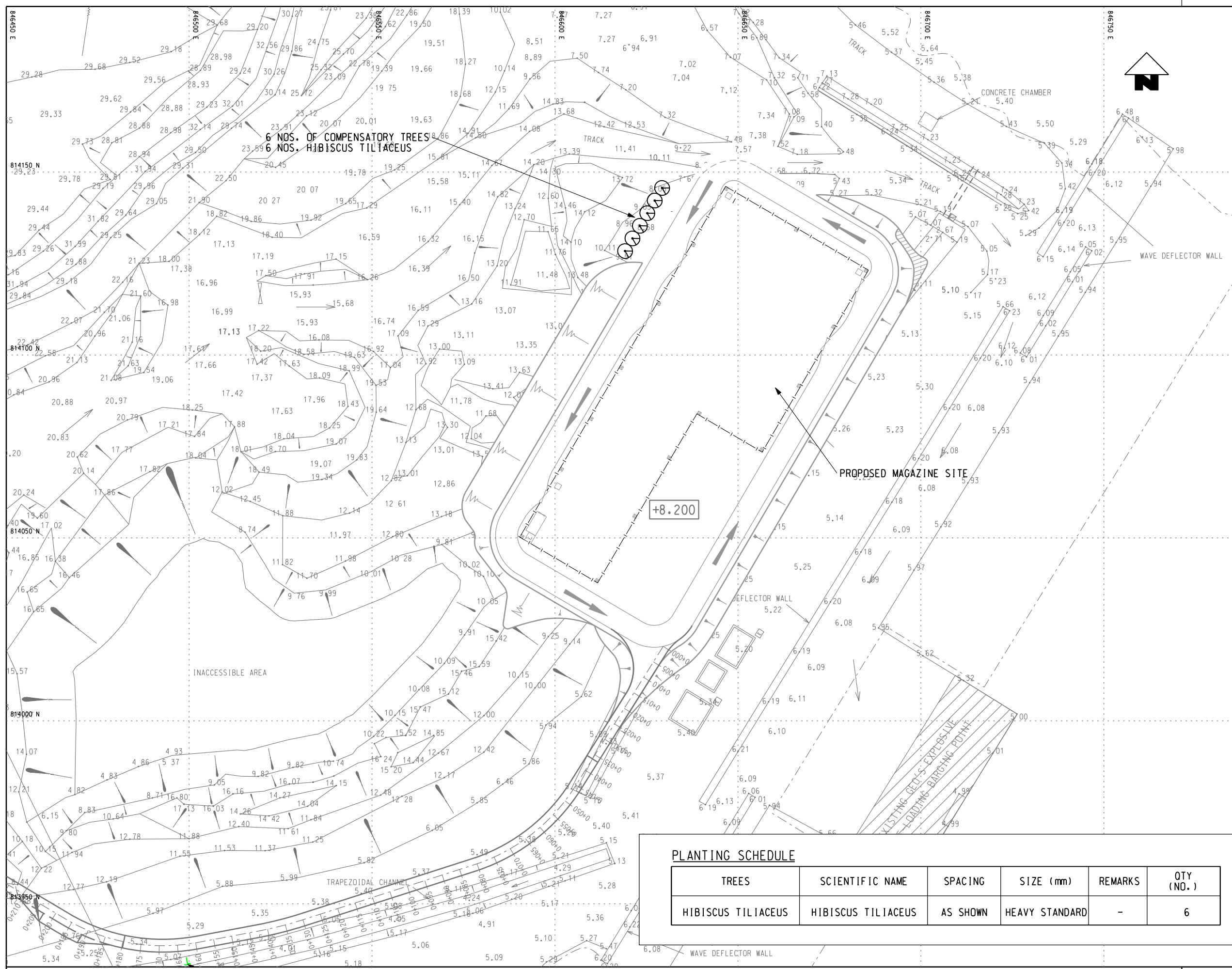
Based on the most updated programme, the landscape treatment works shall be carried out and completed by mid November 2012..

2.4. Maintenance and management schedules

MTR Corporation would be responsible for the maintenance of the compensatory trees during the term of the Short Term Tenancy. The TKO Area 137 magazine site including the compensatory trees will be handed over to Lands Department after the termination of existing Short Term Tenancy for KTE by late 2013. The compensatory trees have been included in the Tree Removal Application Working Paper No. 10 TKO Magazine Site approved by Lands Department on 17 June 2011.

User: C:\Program Files\Bentley\B5\Workspace\Users\untitled.dwg, UserRef: C:\Program Files\Bentley\B5\Workspace\Projects\untitled.dwg
 FILENAME: X:\EP\XTE\1\occtive\02-018\working\00issue\018k11a.dgn
 PLOT: DRV111:SYSTEM\new_project\msmrv\plotdrv\vp8550c.v6.plt
 PRINTED BY: gds1385 05/09/2012 12:28:44 PM
 MODELNAME: PLOT

Maps reproduced with permission of The Director of Lands, (C) Hong Kong Government.

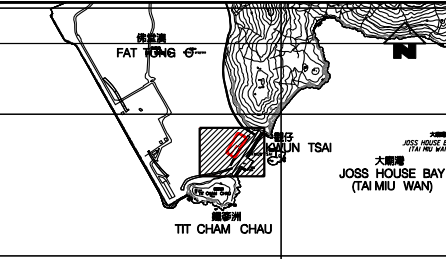


6 NOS. OF COMPENSATORY TREES
 6 NOS. HIBISCUS TILIACEUS

PROPOSED MAGAZINE SITE

PLANTING SCHEDULE

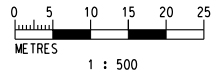
TREES	SCIENTIFIC NAME	SPACING	SIZE (mm)	REMARKS	QTY (NO.)
HIBISCUS TILIACEUS	HIBISCUS TILIACEUS	AS SHOWN	HEAVY STANDARD	-	6



KEY LOCATION PLAN



NOTE
 ALL COMPENSATORY TREES SHALL BE PLANTED WITH MIN. 4.0m CENTRE-TO-CENTRE SPACING



**C1001 - YMT TO WHAMPOA TUNNELS AND HOM STATION
 137 TSEUNG KWAN O MAGAZINE SITE
 LANDSCAPE AND VISUAL PLAN**

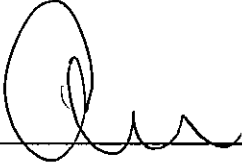
MTR
 Kwun Tong Line Extension
 觀塘綫延綫

CN JOB REF. : J12-0158
 DRAWING NO. : 0158K11
 ISSUE NO. : 00
 SCALE : 1:500 @A1
 DATE : 05SEP2012
 CADD FILENAME : 0158K11A.DGN
 REVISION : A

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 2: Gascoigne Road Rest Garden
(August 2015) – Revision C (November 2017)

Verified by:  (Jacky Chan)
Position: Independent Environmental Checker
Date: 14 Nov 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 2: Gascoigne Road Rest Garden
(August 2015) – Revision C (November 2017)



Certified by:  _____

Name: Kenneth Ng


Position: Registered Landscape Architect (RLA no. 034)

Date: 6/11/2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 2: Gascoigne Road Rest Garden
(August 2015) – Revision C (November 2017)

Certified by: 
_____ (Felice Wong)

Position: Environmental Team Leader

Date: - 6 NOV 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 2: Gascoigne Road Rest Garden (August 2015) –
Revision C (November 2017)

1. INTRODUCTION

This landscape and visual plan covers Gascoigne Road Rest Garden (GAR) in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/D) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”.

The landscape and visual mitigation measures of the Project have been commenced by phases. The landscape and visual plans for other areas of the Project have been submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR GASCOIGNE ROAD REST GARDEN

2.1. Design Details

In the approved KTE EIA, the LDR 1.1 (Gascoigne Road Rest Garden) would be affected by the cable re-provisioning works under KTE project. Landscape and visual mitigation measures in both construction phase and operation phase have been recommended. Following the completion of the project, the garden has been reinstated and no going operation stage impacts were envisaged. The landscape and visual mitigation measures implemented under KTE project was shown in Table 2.1.1. Details of tree transplantation, tree felling and compensatory tree planting have been provided in Table 2.1.2.

Table 2.1.1 Landscape and Visual Mitigation Measures for GAR

ID no.	Landscape / Visual Mitigation Measure	Reference information
CM1	<p><u>Reuse of Existing Topsoil</u></p> <p>Existing topsoil shall be re-used for new planting areas within the project. Potential topsoil resources are located at:- a) Gascoigne Road Rest Garden, b) slopes above Chatham Road North, c) roadside planters in Whampoa Garden. The construction program shall consider using the soil removed from one phase for backfilling another. Suitable storage ground, gathering ground and mixing ground shall be set up as necessary.</p>	<p>The opportunity of reusing the topsoil at GAR was explored in the initial stage of construction. At that time, there was no new planting works within the project and storage area for topsoil was limited. The existing topsoil at GAR could not be utilized for new planting.</p> <p>Nevertheless, part of the topsoil has been applied in trees transplantation works and on-site backfilling works.</p>

CM2	<p><u>Tree Transplantation</u></p> <p>Transplantation is proposed for a number of trees generally able to provide high amenity value and which are likely to survive the transplantation process. All transplantation will be carried out in accordance with ETWB TCW No. 3/2006 and undertaken under separate submission process.</p>	<p>All transplantation has been carried out in accordance with ETWB TCW No. 3/2006 and Tree Removal Application process.</p> <p>Refer to Table 2.1.2 below for transplantation information.</p>
OM1	<p><u>Re-provision of Public Open Spaces</u></p> <p>Every effort should be made to minimise use of public open spaces, however if affected by the Project they shall be re-provisioned to an equal or improved standard at completion of the project. Sensitive design and reinstatement of the affected Public Open Spaces (Gascoigne Road Rest Garden, Yan Fung Street Rest Garden, Fat Kwong Street Playground) shall be made, incorporating replacement facilities to those currently provided and using materials of quality suitable for long term use and acceptable to the relevant government departments including LCSD and PlanD, who shall be consulted on the design of the reinstated public open spaces at an early stage of the design process.</p>	<p>The Gascoigne Road Rest Garden has been designed and reinstated to an equal or improved standard at the completion of the project and handed-over to LCSD in March 2016.</p> <p>The rain shelters and benches have been reinstated in accordance with the prevalent standard.</p> <p>All feature rocks have been reinstated as original to the acceptance of LCSD.</p> <p>The existing railing, kerb planters and gate have been protected.</p> <p>Photos and drawings to show the reinstated rest garden have been provided in Appendix A and Appendix B.</p>
OM2	<p><u>Compensatory Tree Planting</u></p> <p>Suitable land pockets within the project area will be used for the implementation of compensatory mitigation to offset the net loss of key landscape resources and improve visual amenity.</p> <p>A compensatory tree planting proposal including locations of tree</p>	<p>The Tree Removal Application for the Gascoigne Road Rest Garden has been approved by Lands Department dated 14 September 2016. The landscaping works and the compensatory trees have</p>

	<p>compensation will be submitted separately to seek relevant government department's approval, in accordance with ETWB TCW No. 3/2006.</p>	<p>been provided on-site to the satisfaction of LCSD. The establishment period for the site has been ended in April 2017.</p> <p>Refer to Table 2.1.2 below for tree felling and compensatory tree planting information.</p>
--	---	--

Table 2.1.2 Summary of transplanted, felled and compensatory tree planting

Landscape Resource		Woks site / Area	Tree Transplantation	Tree Felling	Compensatory Tree Planting
LDR 1.1	Gascoigne Road Rest Garden	GAR (WS1)	<p>In accordance with the approved TRA, 3 nos. of trees have been transplanted to Siu Ho Wan Depot as temporary receptor location.</p> <p>The health condition of 3 nos. of transplanted trees (<i>Lagerstroemia speciosa</i>, ~390 mm DBH) is considered not appropriate to be transplanted back to the rest garden. As such, additional 5 nos. of trees (<i>Lagerstroemia speciosa</i>, ~500mm DBH) have been compensated.</p>	2 nos. of trees have been felled in the rest garden in accordance with the approved TRA.	In total, together with the compensation for 3 nos. of original transplanted back trees, 8 nos. of trees (<i>Lagerstroemia speciosa</i>) have been compensated at rest garden in accordance with the approved TRA.

2.2. Locations

Please refer to the attached drawings in Appendix B.

2.3. Implementation Programme

The landscape treatment works have been carried out and completed in March 2016.

2.4. Maintenance and management schedules

MTR Corporation shall be responsible for the maintenance of the landscape mitigation measures for one year after completion. The landscape mitigation measures has been completed by MTR and referred back to the Leisure and Cultural Services Department after the warranty period.

Appendix A

Photos of Gascoigne Road Rest Garden



Appendix B

Landscape drawings of Gascoigne Road Rest
Garden

GENERAL LEGEND FOR SITE LOCATION PLAN:

	HYD'S AREA
	MTR'S AREA
	LCSD'S AREA

GENERAL LEGEND FOR EXISTING SITE CONDITIONS AND DEMOLITION PLAN

	EXISTING AREA TO BE AFFECTED BY SITE WORKS
	EXTENT OF LANDSCAPE WORKS AREA
	EXISTING GATE
	EXISTING BOUNDARY FENCE/RAILING
	EXISTING TREE PROPOSED TO BE FELLED

GENERAL LEGEND FOR LANDSCAPE DETAIL PLAN:

	HOARDING LINE		R4 RAILING TYPE 4 TO DWG. NO.	
	EXTENT OF LANDSCAPE WORKS AREA		B1 BENCH TYPE 1 TO DWG. NO.	
	RETAINED TREE & RETAINED TREE NO.		B2 BENCH TYPE 2 TO DWG. NO.	
	PLANTER		B3 BENCH TYPE 3 TO DWG. NO.	
	PROPOSED FINISHED LEVEL		LB1 LITTLE BIN TYPE 1 TO DWG. NO.	
	EXISTING LEVEL		LB2 LITTLE BIN TYPE 2 TO DWG. NO.	
	TOP OF WALL LEVEL		RS1 RAIN SHELTER TYPE 1 (FAT KWONG ST. PLAYGROUND) TO DWG. NO.	
	TOP OF SOIL LEVEL		RS4 RAIN SHELTER TYPE 2 (WUHU STREET TEMP. PLAYGROUND) TO DWG. NO.	
	PAVING TYPE '1' TO DWG. NO.		RS2 RAIN SHELTER TYPE 3 (GASCOIGNE ROAD REST GARDEN) TO DWG. NO.	
	PAVING TYPE '2' TO DWG. NO.		PT1 TREE PIT TO DWG. NO.	
	PAVING TYPE '3' TO DWG. NO.		FW1 FENCE WALL 1 (FAT KWONG STREET PLAYGROUND) TO DWG. NO.	
	KERB TYPE 1 TO DWG. NO.		FW2 FENCE WALL 2 (WUHU STREET PLAYGROUND) TO DWG. NO.	
	KERB TYPE 2 TO DWG. NO.		BC1 BALL COURT 1 (WUHU STREET PLAYGROUND) TO DWG. NO.	
	KERB TYPE 3 TO DWG. NO.		BC2 BALL COURT 2 (FAT KWONG STREET PLAYGROUND) TO DWG. NO.	
	PLANTER WALL TYPE 1 TO DWG. NO.		BC3 BALL COURT 3 (FAT KWONG STREET PLAYGROUND) TO DWG. NO.	
	PLANTER WALL TYPE 2 TO DWG. NO.			
	RAILING TYPE 1 TO DWG. NO.			
	RAILING TYPE 2 TO DWG. NO.			
	RAILING TYPE 3 TO DWG. NO.			

GENERAL LEGEND FOR LANDSCAPE UTILITY PLAN:

	ENTRANCE GATE TYPE 1 (FAT KWONG STREET PLAYGROUND)		IRRIGATION WATER POINT TO DWG. NO.	
	ENTRANCE GATE TYPE 2 (GASCOIGNE ROAD REST GARDEN)		DRAINAGE FALL	
	ENTRANCE GATE TYPE 3 (WUHU ST. TEMPORARY PLAYGROUND)		REINSTATED POLE LIGHT	
			REINSTATED BOLLARD LIGHT	
			HIGHWAY STANDARD ROAD LIGHT	
			EXISTING POLE LIGHT IN GARDEN / PLAYGROUND	
			EXISTING BOLLARD LIGHT	
			EXISTING U-CHANNEL	
			PERFORATED DRAIN PIPE	

GENERAL LEGEND FOR SETTING OUT PLAN:

	SETTING OUT GRID
	SETTING OUT POINT

GENERAL LEGEND FOR PLANTING PLAN:

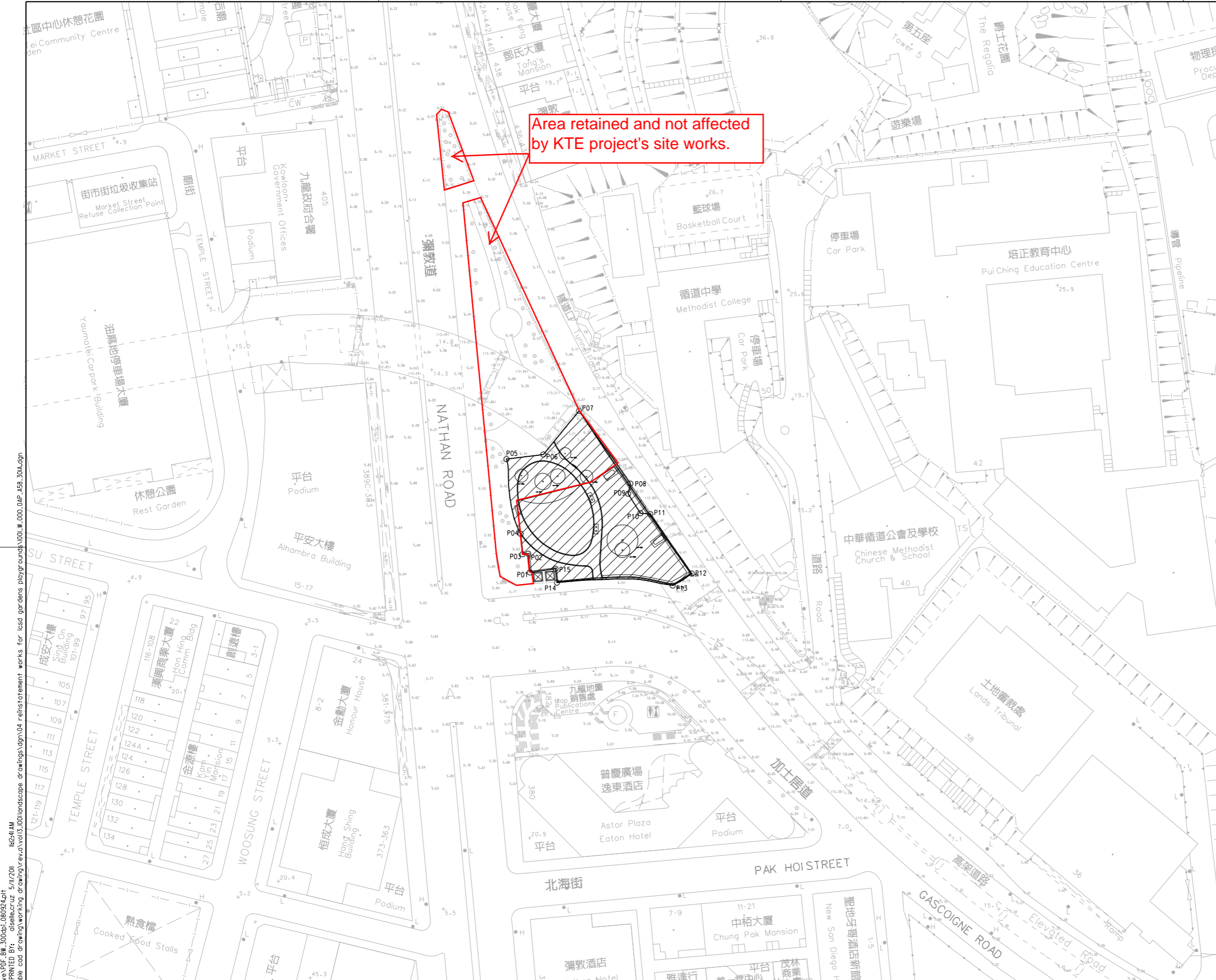
	RETAINED TREE & RETAINED TREE NO.
	NEW HEAVY STANDARD TREE
	NEW SHRUB PLANTING
	NEW GROUND COVER PLANTING

GENERAL LEGEND FOR SOILING PLAN:

	MIN. 1200 mm (DEPTH) PLANTING SOIL MIX
	MIN. 700 mm (DEPTH) PLANTING SOIL MIX

C:\Users\h1\p1\private\PDF_BW_300dpi_080324\p1...
 PRINTED BY: - dlsiebcrcuz_5/11/2011
 FILENAME: c:\vs\ccad\deliver\deliv\cdd\drawing\working\drawing\rev\vol\1001\landscapes\drawings\dgn\04_reinstatement_works_for_lcscd_gardens\playground\1001_W_000_OAP_A58_102A.dgn
 11:22:29 AM
 PLOT DRW:

<p>MTR KWUN TONG LINE EXTENSION ORIGINATOR: ARUP Supported by: • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild</p>			<p>TITLE: CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION REINSTATEMENT WORKS OF GARDENS/PLAYGROUNDS GENERAL LEGEND</p>				
<p>SCALE: NTS</p>			<p>DRAWING NO.: 1001/W/000/OAP/A58/102</p>				
<p>DATE: 25/MAR/2011</p>			<p>REV. A</p>				
<p>DRAWN: HW</p> <p>DESIGNED: EL</p> <p>CHECKED: KN</p> <p>APPROVED: TS</p> <p>DATE: 25/MAR/2011</p> <p><small>DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.</small></p>	<p>BY: KN</p> <p>DATE: 13MAY11</p> <p>APPROVED: TS</p>	<p>WORKING DRAWING</p>					
<p>DESCRIPTION</p>	<p>BY</p>	<p>DATE</p>	<p>APPROVED</p>	<p>DESCRIPTION</p>	<p>BY</p>	<p>DATE</p>	<p>APPROVED</p>



Area retained and not affected by KTE project's site works.

- NOTES:**
- FOR GENERAL NOTES, REFER TO DRAWING NO. 1001/W/000/OAP/A58/101
 - NEW LAYOUT SHOULD MATCH THE EXISTING PLANTER ALIGNMENT

LEGEND:
FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/000/OAP/A58/102

SETTING OUT POINT TABLE

POINT NO.	EASTING	NORTHING
P01	835718.256	818846.385
P02	835717.818	818851.207
P03	835716.322	818851.053
P04	835715.834	818856.419
P05	835712.149	818875.927
P06	835721.788	818877.129
P07	835731.111	818888.546
P08	835744.323	818868.756
P09	835743.916	818866.876
P10	835747.120	818861.803
P11	835749.074	818861.623
P12	835760.023	818845.879
P13	835755.748	818843.178
P14	835725.302	818843.940
P15	835724.977	818847.081



PLOT DRW: C:\Users\h1p\OneDrive\Work\1001\W/000/OAP/A58/301A.dgn
 MODEL NAME: 1001_W_000_OAP_A58_301A.dgn
 FILE NAME: 1001_W_000_OAP_A58_301A.dgn
 DATE: 25/MAR/2011
 TIME: 10:00:00

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING				KN	13MAY11	TS		

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE REVERIFIED ON SITE. © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.	

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **ARUP**

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelIBuild

CADD REF: 1001_W_000_OAP_A58_301A.dgn

TITLE

CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
GASCOIGNE ROAD REST GARDEN
SITE LOCATION PLAN

SCALE: 1 : 500 (A1)

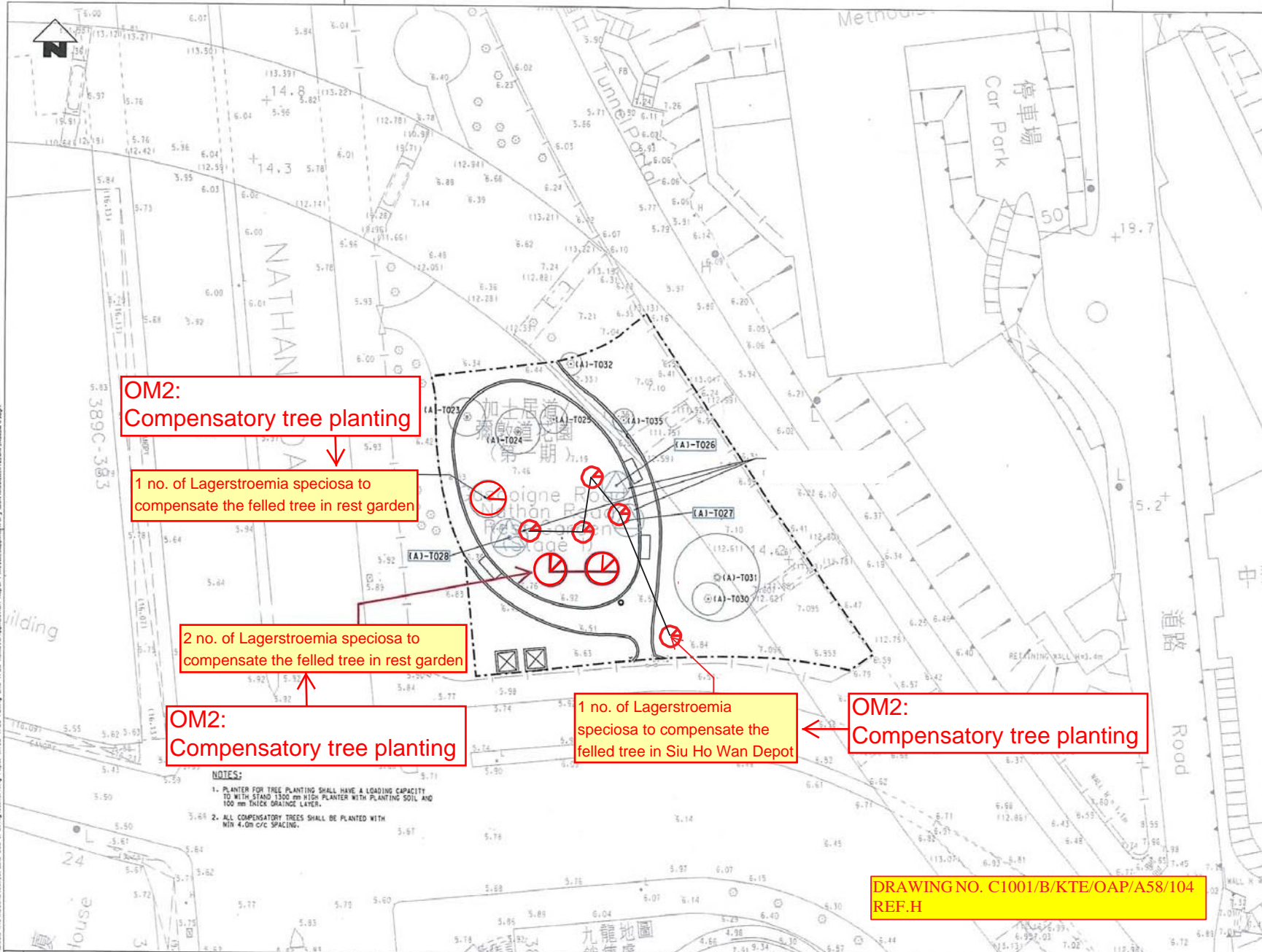
DRAWING NO: 1001/W/000/OAP/A58/301

REV: A



LEGEND

- BOUNDARY OF AFFECTED AREA
- ⊗ COMPENSATORY TREES FOR THE FELLED TREES WITHIN GASCOIGNE ROAD REST GARDEN
- ⊙ (A1)-T03 RETAINED TREES
- ⊙ (A1)-T026 TREE TO BE TRANSPLANTED



OM2:
Compensatory tree planting

1 no. of Lagerstroemia speciosa to compensate the felled tree in rest garden

2 no. of Lagerstroemia speciosa to compensate the felled tree in rest garden

OM2:
Compensatory tree planting

1 no. of Lagerstroemia speciosa to compensate the felled tree in Siu Ho Wan Depot

OM2:
Compensatory tree planting

DRAWING NO. C1001/B/KTE/OAP/A58/104 REF.H

- NOTES:**
1. PLANTER FOR TREE PLANTING SHALL HAVE A LOADING CAPACITY TO WITH STAND 1300 mm HIGH PLANTER WITH PLANTING SOIL AND 100 mm THICK DRAINAGE LAYER.
 2. ALL COMPENSATORY TREES SHALL BE PLANTED WITH 4.0m C/C SPACING.

\V2008-41EVLAD\ADMIN\01\DRAWING\Code_30034_00003.dwg
 PRINTED BY: rayzhuang 8/19/2010 10:17
 \V2008-41EVLAD\ADMIN\01\DRAWING\Code_30034_00003.dwg

NO.	DESCRIPTION	KN	19MAY11	TS	A	DESCRIPTION	DR	DATE	APPROVED	REV
E	TREE REMOVAL APPLICATION	KN	17APR11	TS	DRAWN	HW				
D	TREE REMOVAL APPLICATION	KN	15SEP10	TS	DESIGNED	EL				
C	TREE REMOVAL APPLICATION	KN	17MAR10	TS	CHECKED	KN				
B	TREE REMOVAL APPLICATION	KN	13MAR10	TS	APPROVED	TS				
F	TREE REMOVAL APPLICATION	KN	13MAR10	TS	DATE	25/MAR/2010				
REV										

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR
ARUP

Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

CAO REF. C1001_B.KTE.OAP_A58_104F.dgn

TITLE
CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
TREE COMPENSATORY PLAN
GASCOIGNE ROAD REST GARDEN

SCALE 1 : 200 (A1)

DRAWING NO. **C1001/B/KTE/OAP/A58/104**

REV. **F**

Response to Comments
MTR Kwun Tong Line Extension- Gascoigne Road Rest Garden – Revision B (August 2016)
EP Condition 4.9 – Landscape and Visual Plan

No.	Department	Reference	Comments	MTRC's Response
	EPD	Correspondences dated 3 August 2017	<p>I refer to your letter (ref.: C10009-COR-ENVM-ENV-013705) dated 22 August 2016 enclosing the captioned landscape and visual plan (LVP) for our comment.</p> <p>Please note the comment from landscape perspective below for your follow up:</p>	Noted.
1.			Please provide the name of Independent Environmental Checker (IEC) and Environmental Team (ET) Leader in the covers pages.	Noted. The name of IEC and ET Leader has been provided.
2.			The photos demonstrating the re-provision of the affected opens space (OM1) to an equal or improved standard at completion of project are not found in the attached drawings. Please review.	<p>The re-provision works has been described in the OM1 reference information in Table 2.1.1.</p> <p>The photos and landscape drawings of reinstated Gascoigne Road Rest Garden have been presented in Appendix A and Appendix B.</p>
3.			The details of the trees to be felled, e.g. tree species, DBH, quantity, aggregate loss of tree trunk diameter, etc., are still outstanding under the captioned EP submission. Hence the compensatory tree planting (OM2) could not be verified.	<p>The Tree Removal Application for the Gascoigne Road Rest Garden has been approved by Lands Department dated 14 September 2016. The landscaping works and the compensatory trees have been provided on-site to the satisfaction of LCSD. The establishment period for the site has been ended in April 2017.</p> <p>Summary of tree transplantation, felled trees and compensatory tree planting has been provided in Table 2.1.2.</p>

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 3: Wylie Road Ancillary Building
(September 2015) - Revision B

Verified by:  _____

Position: Independent Environmental Checker

Date: 21 July 2016

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 3: Wylie Road Ancillary Building
(September 2015) - Revision B

Certified by:  _____

Position: Environmental Team Leader

Date: 21 July, 2016

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 3: Wylie Road Ancillary Building
(September 2015) - Revision B

Certified by:  _____

Position: Registered Landscape Architect (no. 034)

Date: 18/07/2016

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 3: Wylie Road Ancillary Building (September
2015) – Revision B

1. INTRODUCTION

This landscape and visual plan covers Wylie Road Ancillary Building (WAB) in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/D) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”.

The landscape and visual mitigation measures of the Project would be commenced by phases. The landscape and visual plans for other areas of the Project would be submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR WYLIE ROAD ANCILLIARY BUILDING

2.1. Design Details

The design of the WAB has been modified as compared with that presented in the approved KTE EIA Report to meet the operational needs. According to the updated design, the WAB will be a two storey building (highest point at 17 m above ground, 27.280 mPD) and the footprint will be approximately 339 m²* (See Figure 6). The footprint and the height of the WAB are approximately same as that assumed in Table 3.3 of the approved KTE EIA report.

The updated design and the mitigation measures to be implemented are intended to achieve the principle design imperative as per Section 5.12.3.1 of the approved KTE EIA report. The relevant recommended mitigation measures as proposed in Table 5.14 of the approved KTE EIA report are listed in *Table 2.1* below.

Table 2.1 Relevant Recommended Operational Phase Landscape and Visual Mitigation Measures (Extracted from Table 5.14 of the approved EIA Report)

ID no.	Landscape / Visual Mitigation Measure	Reference Document
OM2	<u>Compensatory Tree Planting</u> Suitable land pockets within the project area will be used for the implementation of compensatory mitigation to offset the net loss of key landscape resources and improve visual amenity. A compensatory tree planting proposal including locations of tree compensation will be submitted separately to seek relevant government department’s approval, in accordance with ETWB TCW No. 3/2006.	The compensatory tree planting has been provided. Details refer to drawing no.1001/C/WAB/JCL/A58/205 (rev.A5)
OM3	<u>Horizontal and Slope Greening</u>	

	<p>Parapets at WAB and HOM shall be provided with internal permanent planter boxes.</p> <p>The roof at WAB shall be greened to improve visual amelioration from surrounding high level viewers.</p>	<p>Horizontal greening at WAB has been provided. Details refer to drawing no. 1001/C/WAB/JCL/A58/304, 1001/C/WAB/JCL/A58/206, Figure 1, Figure 2, Figure 3, Figure 4 and Figure 5.</p>
OM4	<p><u>Vertical Greening</u></p> <p>Vertical greening / climbers shall be applied to all above ground structures against exposed walls as far as possible subject to technical operational and maintenance constraints. Such planting shall be employed at WAB, HOM Station and WHA Station.</p>	<p>Vertical greening has been provided and details refer to Figure 2, Figure 3, Figure 4 and Figure 5 and drawing no. 1001/C/WAB/JCL/A14/001.</p>
OM5	<p><u>Architectural Design Aesthetics for the WAB at Club de Recreio</u></p> <p>The emergency access and ventilation building shall be designed in a way so as to ensure the form, material and surface detailing of this structure can fit sympathetically into the local context. The form shall consider the Cultural Heritage of the Club de Recreio site as well as other proximate buildings. The structure shall incorporate vertical greening / climbers where possible subject to technical operational and maintenance constraints. Detail Design Intent for the structures can be noted below.</p>	<p>The form and proportions of the WAB is designed to be complimentary to the Wylie Road streetscape. Proximate buildings (Hong Kong Chinese Civil Servants Club and the Philipino Club) are low to medium rise (2-4 storeys). The WAB will be a two storey building (highest point at 17 m above ground, 27.280 mPD) and the footprint (339 m²) is smaller than these adjacent buildings. The material and surface detailing of the WAB structure are designed to fit sympathetically into the local context.</p> <p>Details refer to Figure 2, Figure 3, Figure 4, Figure 5 and Figure 6.</p>

The above mitigation measures for the WAB above would be implemented in accordance with the recommendations of the approved KTE EIA report and Variation of the Environmental Permit.

2.2. Locations

Please refer to the attached drawings.

2.3. Implementation Programme

The landscape treatment works has been carried out and completed in June 2016.

2.4. Maintenance and management schedules

MTR Corporation would be responsible for the maintenance of the landscape mitigation measures after completion for the Wylie Road Ancillary Building. For the area within Club de Recreio, MTR Corporation would provide compensatory trees and reinstate the tennis courts and handover to Club de Recreio for future management and maintenance.

GENERAL LEGEND FOR SITE LOCATION PLAN:



GENERAL LEGEND FOR LANDSCAPE DETAIL PLAN:

- EXTENT OF LANDSCAPE WORKS
- RETAINED TREE & RETAINED TREE NO.
- PLANTER
- PROPOSED LEVEL
- EXISTING LEVEL
- TOP OF WALL LEVEL
- TOP OF SOIL LEVEL
- PAVING TYPE '1' TO DWG NO.
- PAVING TYPE '2' TO DWG NO.
- KERB TYPE 1 TO DWG NO.
- PLANTER WALL TYPE 1 TO DWG NO.
- PLANTER WALL TYPE 2 TO DWG NO.
- PLANTER WALL TYPE 3 TO DWG NO.
- FENCE WALL TYPE 1
- FENCE WALL TYPE 2
- GATE 1 TO DWG NO.
- GATE TYPE 2 TO DWG NO.

- TRIP RAIL R2 TO DWG NO.
- PERFORATED DRAIN PIPE WITHIN PLANTER

GENERAL LEGEND FOR LANDSCAPE UTILITY PLAN:

- IRRIGATION WATER POINT TO DWG
- DRAINAGE FALL
- BOLLARD LIGHT
- COVER U-CHANNEL
- FALL ON PLANTER

GENERAL LEGEND FOR PLANTING PLAN:

- HEAVY STANDARD TREE
- SHRUB / GROUND COVER PLANTING
- CLIMBER

GENERAL LEGEND FOR SOILING PLAN:

- 1200 mm (DEPTH) PLANTING SOIL MIX
- 700 mm (DEPTH) PLANTING SOIL MIX
- 300 mm (DEPTH) PLANTING SOIL MIX

PLOT DRW: C:\Mstr\Plot\driver\..._300dpi_Color_300dpi_080223.dwg
 MODELNAME: A:\2175 L Drive\3275 K1E_000\Detailed Design\DRAWING\T4\A58\001.C.MB...JCL_A58_102A2.dgn
 FILENAME: A:\2175 L Drive\3275 K1E_000\Detailed Design\DRAWING\T4\A58\001.C.MB...JCL_A58_102A2.dgn

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A2	CLIMBER LEGEND ADDED				TFL	16SEP15	RGH		
A1	FIRST ISSUE				HPW	18JAN13	RGH		

DRAWN	PCL
DESIGNED	HPW
CHECKED	RGH
APPROVED	RGH
DATE	18/JAN/13

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR

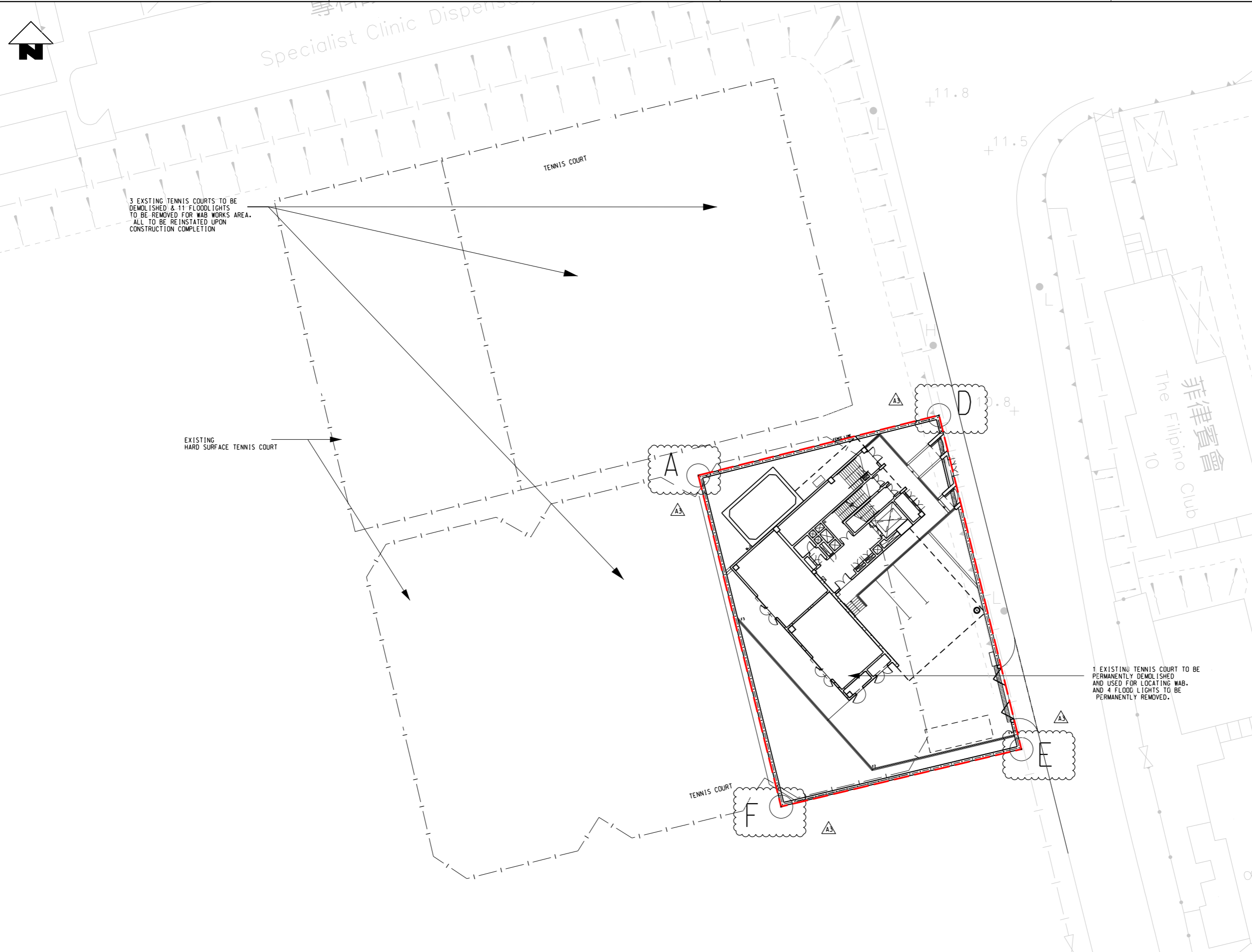
西松建設
Nishimatsu Construction Co. Ltd.

JACOBS

10th Floor, Cornhill House, Takoo Place, 979 King's Road, Quarry Bay, Hong Kong, China
 802.2885.9788 Fax 802.2665.9991
 www.jacobs.com

CADD REF. 1001_C_WAB_JCL_A58_102A2.dgn

TITLE	CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION WYLE ROAD ANCILLARY BUILDING GENERAL LEGEND		
SCALE	N.T.S.	DRAWING NO.	1001/C/WAB/JCL/A58/102
REV.			A2



COORDINATE		
	E	N
A	836208.547	818775.893
D	836234.440	818782.366
E	836243.297	818746.442
F	836217.453	818740.268

▲

0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A3	SITE BOUNDARY SETTING OUT REVISED	TFL	26AUG15	RGH					
A2	GENERAL REVISION	TFL	03DEC14	RGH					
A1	FIRST ISSUE	HPW	18JAN13	RGH					

DRAWN	PCL
DESIGNED	HPW
CHECKED	RGH
APPROVED	RGH
DATE	18/JAN/13

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR

Nishimatsu Construction Co. Ltd.

JACOBS

10th Floor, Cornhill House, Takao Place, 979 King's Road, Quarry Bay, Hong Kong, China
 852 2885 9788 Fax 852 2565 5061
 www.jacobs.com

CADD REF. 1001_C_WAB_JCL_A58_201A3.dgn

TITLE

CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 WYLIE ROAD ANCILLARY BUILDING
 SITE LOCATION PLAN

SCALE 1 : 200 (A1) DRAWING NO. 1001/C/WAB/JCL/A58/201 REV. A3

Type 類型	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Live - Crown Ratio 活冠比	Spacing 種植間距	Remarks 註	Quantity 數量
TREE 樹種							
HIB.TIL.	HIBISCUS TILIAEUS	黃槿	HE.ST.	>60%	170 mm TRUNK DIA.	AS SHOWN	8
CAL.VIM.	CALLISTEMON VIMINALIS	串錢柳	HE.ST.	>60%	75 mm TRUNK DIA.	AS SHOWN	16

NOTES:
 FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/101
 FOR LATEST APPROVED LAYOUT PLAN, REFER TO DRAWING NO. C1001/B/WAB/NCC/A21/A050 E

LEGENDS:
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/102



Area reinstated and to be handover to Club de Recreio (Area excluded from LVP submission under EIA)

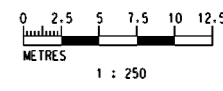
Area to be maintained by MTRC and compensated trees to be maintained by MTRC one year after completion of landscape works

COMPENSATORY TREE OF SPECIES HIBISCUS TILIAEUS 黃槿 WAS PROPOSED: 170mm TRUNK DIA QUANTITY: 1 No.

4 Nos. CAL. VIM. TO BE ADDED FRONTING WYLIE ROAD

THE BOUNDARY OF SIT NO. RDS/KTE - 014

TREE T11 WAS FELLED ON 29-9-2012 DUE TO HEALTH AND STRUCTURAL PROBLEM



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A5	TREES SPECIES AND LOCATIONS REVISED	AN	21APR16	RGH					
A4	TREES ADDED	HPW	19FEB16	RGH					
A3	FENCE WALL REVISED	TFL	16SEP15	RGH					
A2	GERENAL REVISION	TFL	03DEC14	RGH					
A1	FIRST ISSUE	HPW	18JAN13	RGH					

DRAWN: PCL
 DESIGNED: HPW
 CHECKED: RGH
 APPROVED: RGH
 DATE: 21/APR/16

ORIGINATOR: **MTR**

KWUN TONG LINE EXTENSION

西松建設
 Nishimatsu Construction Co. Ltd.

JACOBS
 101 Floor, Cornhill House, Times Place, 979 King's Road, Quarry Bay, Hong Kong, China
 Tel: 2880 9788 Fax: 852 2565 5561
 www.jacobs.com

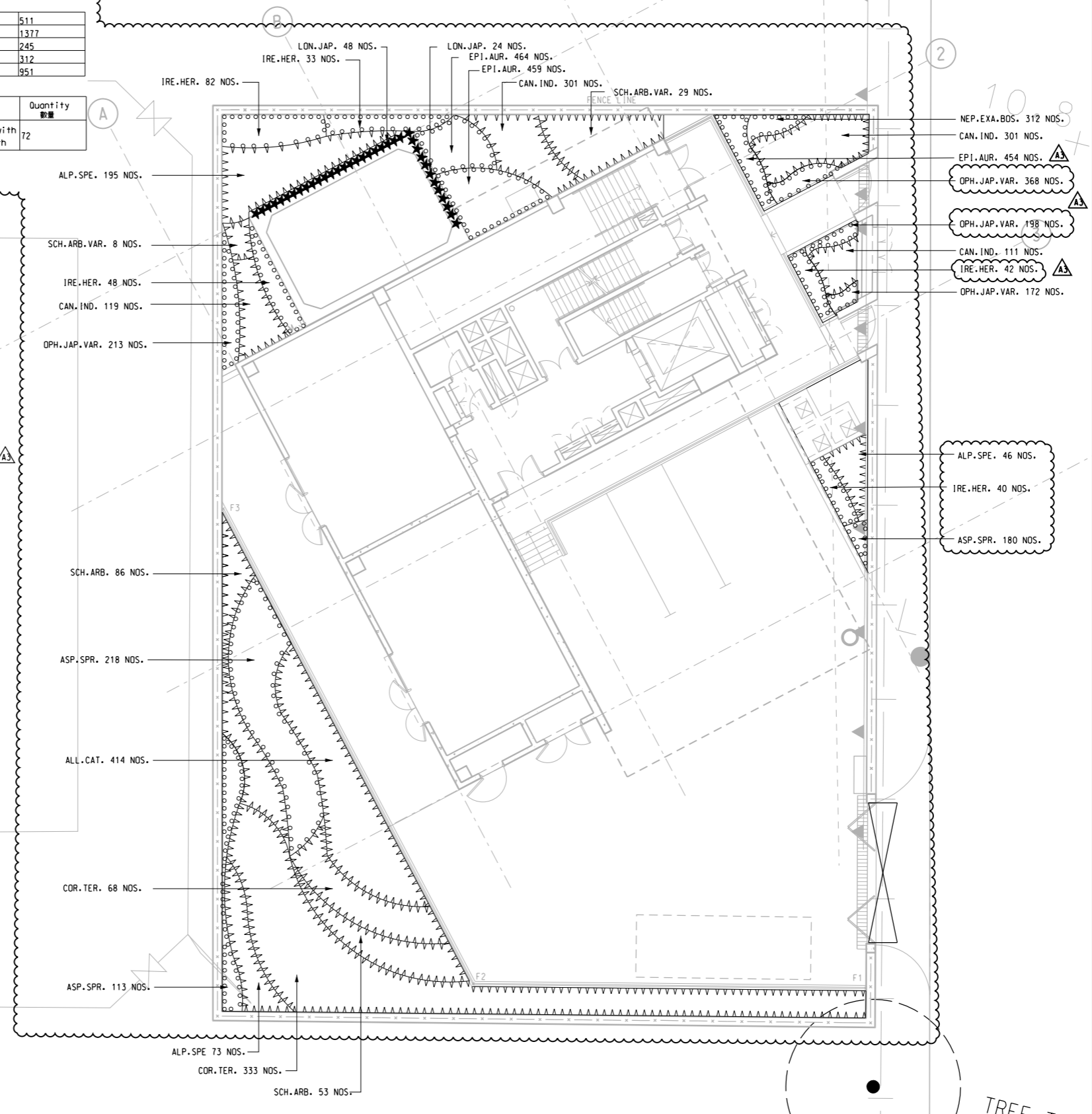
CADD REF.: 1001_C_WAB_JCL_A58_205A5.dgn

TITLE: **CONTRACT 1001**
YMT TO WHAMPOA TUNNELS AND HOM STATION
WYLIE ROAD ANCILLARY BUILDING
LEVEL C TREE PLANTING PLAN

SCALE: 1 : 250 (A1)
 DRAWING NO.: 1001/C/WAB/JCL/A58/205
 REV: A5

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間距	Remarks 註	Quantity 數量
SHRUB ***						
ALL.CAT.	ALLAMANDA CATHARTICA	軟枝黃蟬	700	250	350H X 300W	414
ALP.SPE.	ALPINIA SPECIOSA	鴨山薑	450	300	400H X 300W	314
CAN.IND.	CANNA INDICA	美人蕉	700	200	300H X 200W	832
CDR.TER.	CORDYLINE TERMINALIS	構樹	700	400	700H X 450W	401
SCH.ARB.	SCHEFFLERA ARBORICOLA	八葉木	700	400	600H X 450W	139
SCH.ARB.VAR.	SCHEFFLERA ARBORICOLA VARIEGATA	花葉八葉木	700	400	600H X 450W	37
GROUND COVER ***						
ASP.SPR.	ASPARAGUS SPRENGERI	天冬	700	100	150H X 100W	511
EPI.AUR.	EPIPREMNUM AUREUM	綠蘿	200	100	150H X 100W	1377
IRE.HER.	IREGINE HERBSTII	血見草	700	250	200H X 200W	245
NEP.EXA.BDS.	NEPHROLEPIS EXALTATA 'BOSTONIENSIS'	波斯銀蕨	700	100	300H X 150W	312
OPH.JAP.VAR.	OPHIPOGON JAPONICUS 'VARIEGATA'	花葉沿階草	700	100	150H X 100W	951

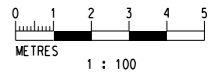
Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Height 高度	Standard 規格	Spacing 種植間距	Remarks 註	Quantity 數量
CLIMBER 爬藤類							
LON.JAP.	LONICERA JAPONICUS	忍冬	300	300	150	min.5 shoots with vigorous growth	72



網球場
Tennis Courts

WIP
Dec 2011

NOTES:
FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/101
LEGENDS:
FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/102



PLOT DRW: C:\msm\p\dr\ver\... Color... 10x4740.AM
MODELNAME: A3:3275 L Drive 3275 KIE 1001Detailed Design\DRAWING\T4\N001.C.Mid...CL_A58_206A3.dgn

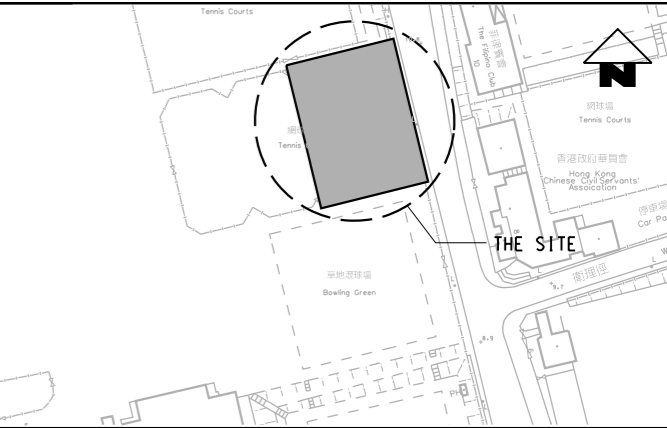
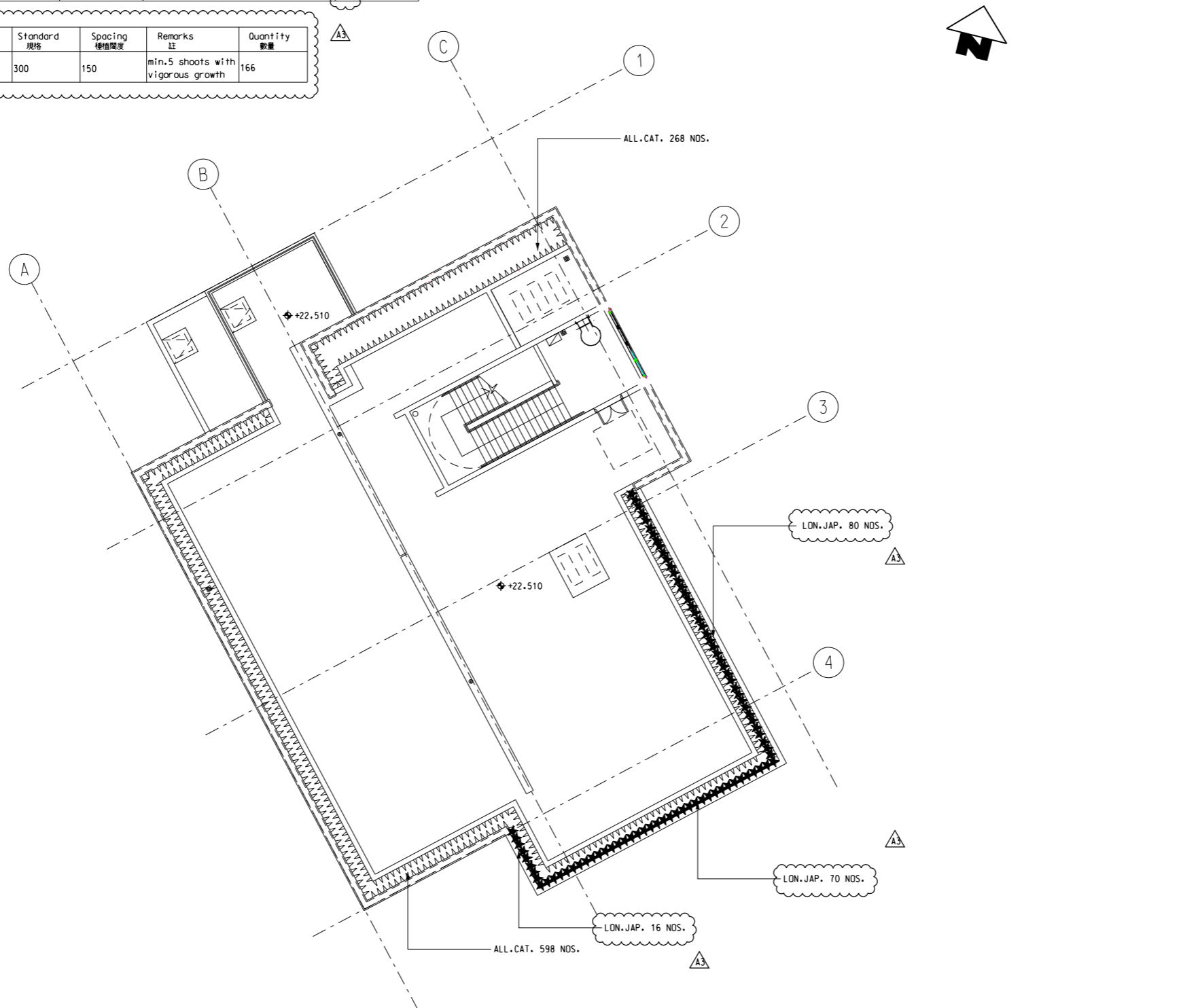
REV	DESCRIPTION	BY	DATE	APPROVED
A3	FENCE WALL REVISED & GENERAL REVISED	TFL	16SEP15	RGH
A2	GENERAL REVISION	TFL	03DEC14	RGH
A1	FIRST ISSUE	HPW	18JAN13	RGH

DRAWN	PCL
DESIGNED	HPW
CHECKED	RGH
APPROVED	RGH
DATE	18/JAN/13
KWUN TONG LINE EXTENSION 	
1001_C_WAB_JCL_A58_206A3.dgn	

TITLE CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION WYLIE ROAD ANCILLARY BUILDING LEVEL G SHRUBS PLANTING PLAN	
SCALE 1 : 100 (A1)	DRAWING NO. 1001/C/WAB/JCL/A58/206
REV. A3	

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間距	Remarks 註	Quantity 數量
SHRUB 灌木類						
ALL.CAT.	ALLAMANDA CATHARTICA	軟枝黃蟬	700	250	POTTED	866

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Height 高度	Standard 規格	Spacing 種植間距	Remarks 註	Quantity 數量
CLIMBER 爬藤類							
LON.JAP.	LONICERA JAPONICUS	忍冬	300	300	150	min.5 shoots with vigorous growth	166

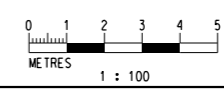


KEY LOCATION PLAN

NOTES:
FOR GENERAL NOTE,
REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/101

LEGENDS:
FOR GENERAL LEGEND,
REFER TO DRAWING NO. 1001/C/WAB/JCL/A58/102

◆ +22.510 FINISH FLOOR LEVEL

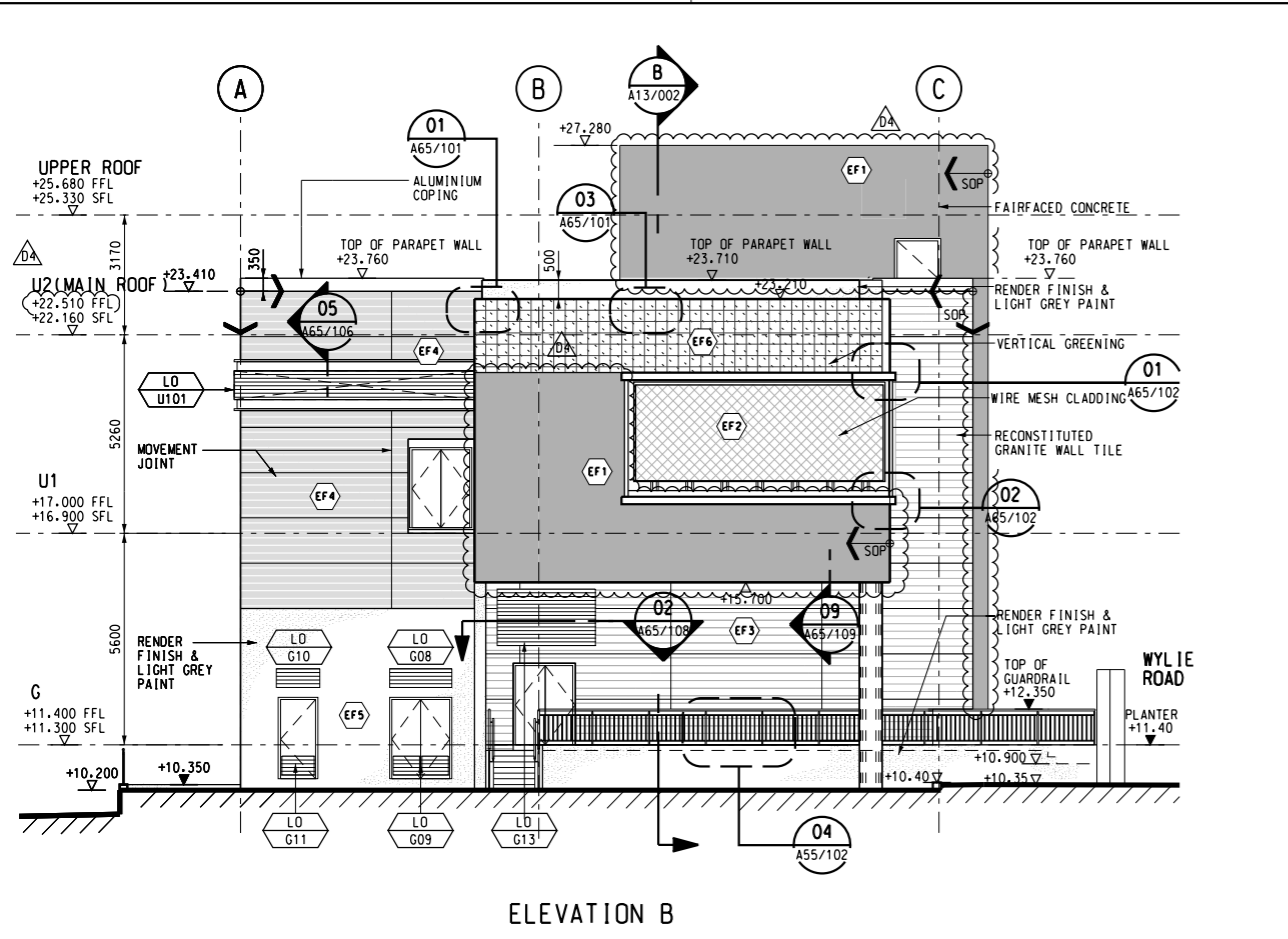


PLOT DRY: C:\Mstrn\Plot\driver\...
 MODELNAME: A3_3275_L_Drive\3275_XIE_000\Detailed Design\DRAWING\T4\N001.C.MAB...
 FILENAME: A3_3275_L_Drive\3275_XIE_000\Detailed Design\DRAWING\T4\N001.C.MAB...

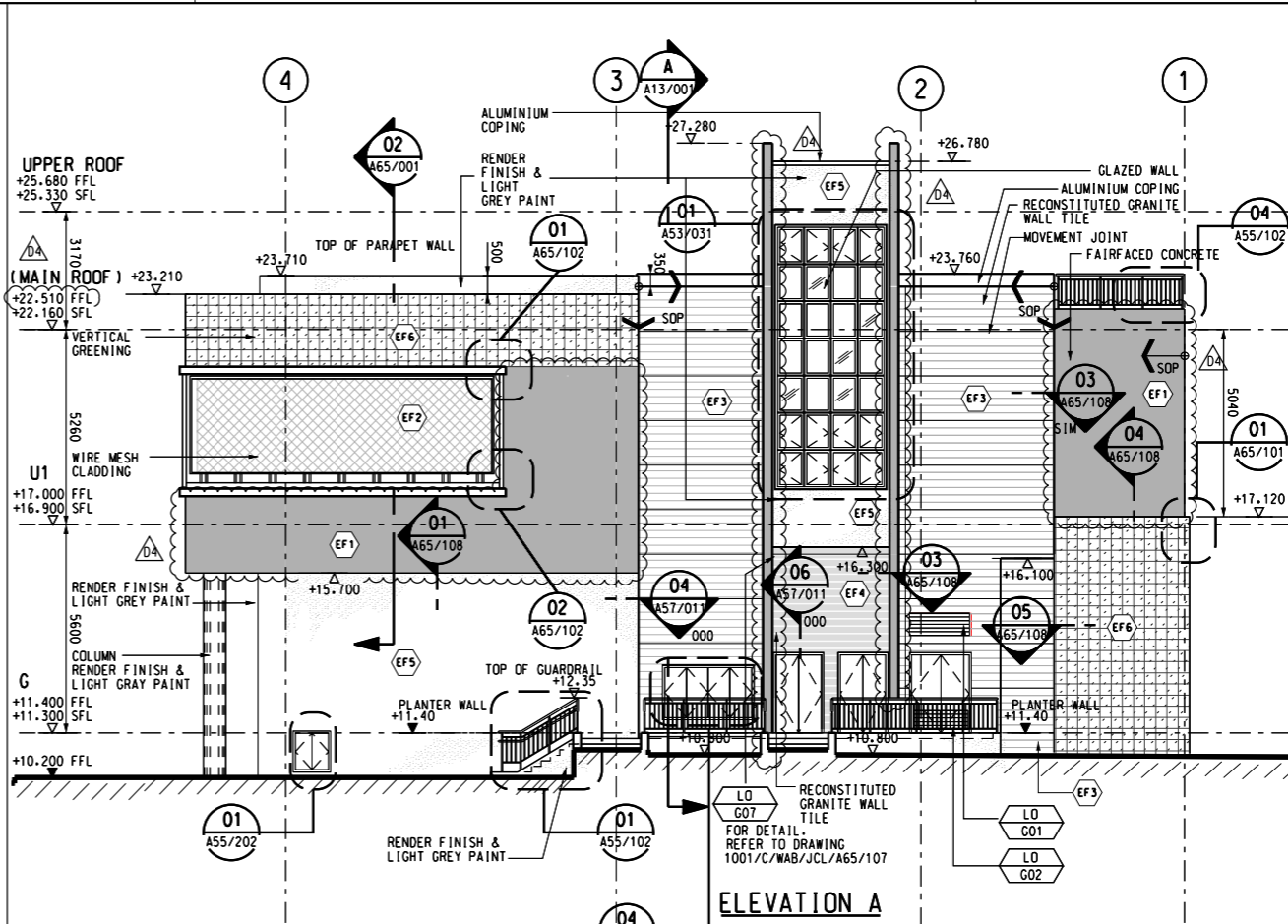
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A3	ROOF PLANTING UPDATED	TFL	16SEP15	RGH					
A2	GERENAL REVISION	TFL	11SEP14	RGH					
A1	FIRST ISSUE	HPW	18JAN13	RGH					

DRAWN	PCL
DESIGNED	HPW
CHECKED	RGH
APPROVED	RGH
DATE	18/JAN/13
ORIGINATOR	
KWUN TONG LINE EXTENSION	
CADD REF.	1001_C_WAB_JCL_A58_304A3.dgn

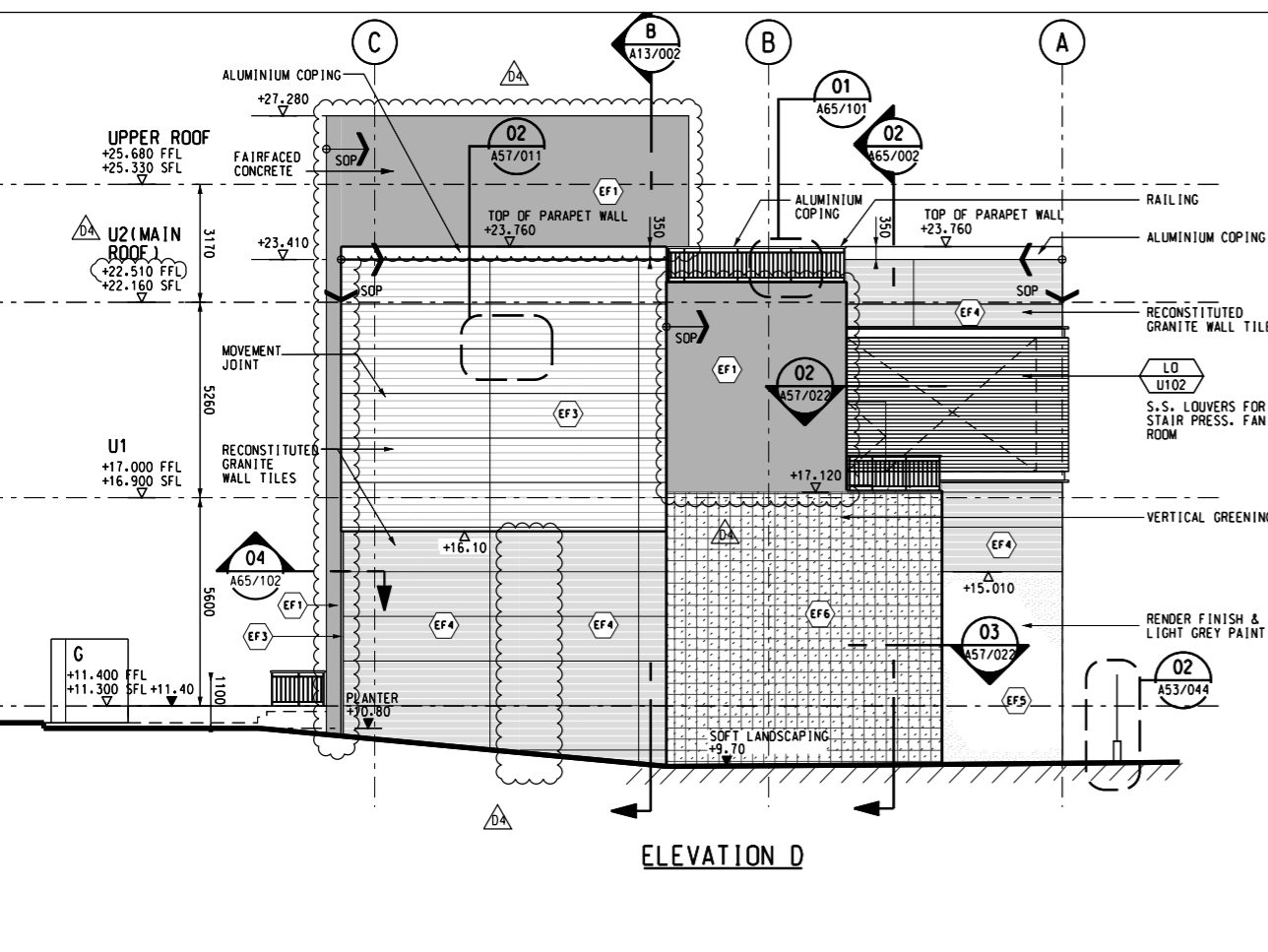
TITLE	
CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION WYLIE ROAD ANCILLARY BUILDING ROOF LANDSCAPE SHRUBS PLANTING	
SCALE	1 : 100 (A1)
DRAWING NO.	1001/C/WAB/JCL/A58/304
REV.	A3



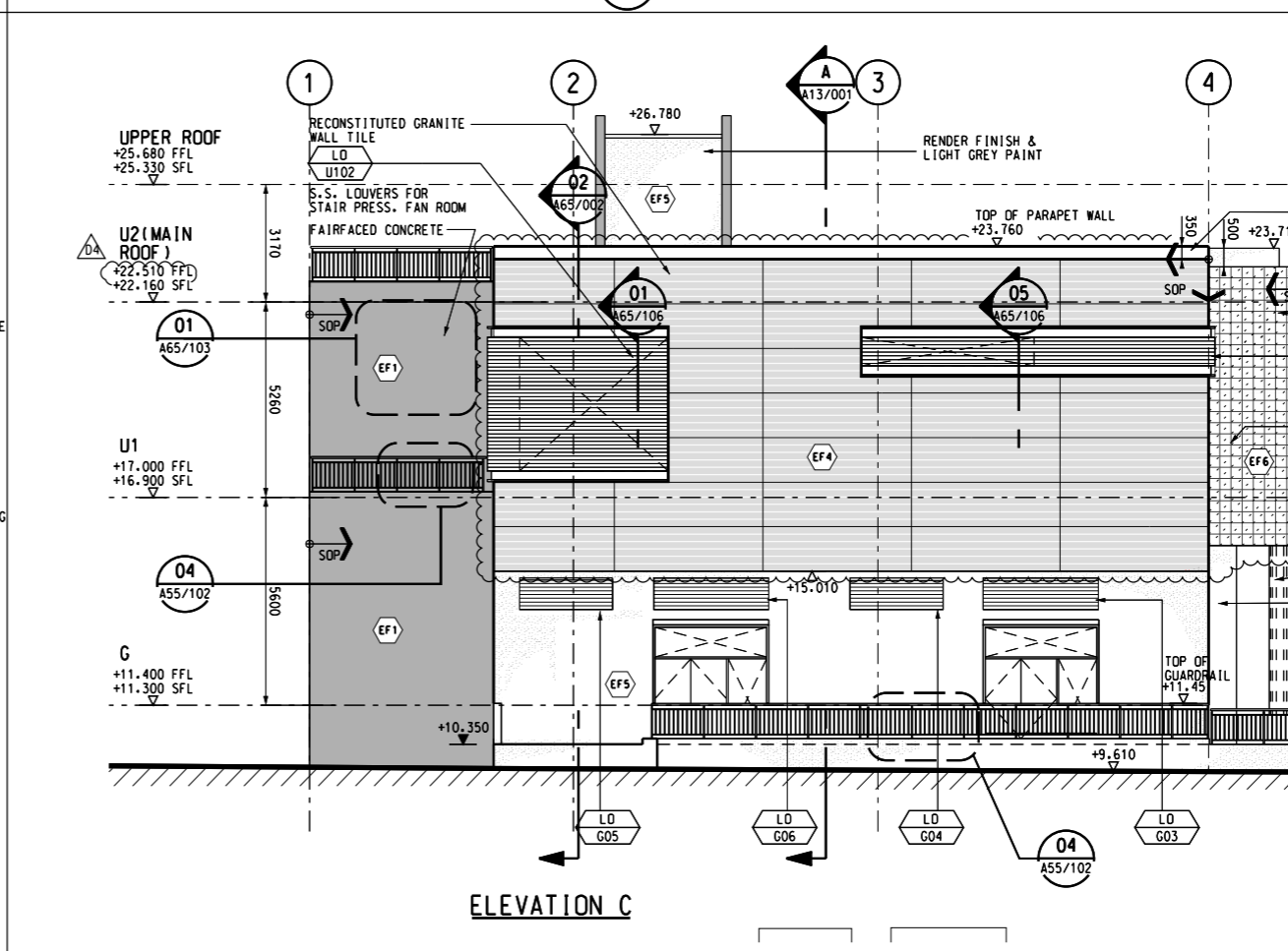
ELEVATION B



ELEVATION A

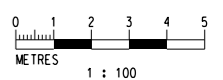


ELEVATION D



ELEVATION C

- NOTE**
- 01. REFER TO LEGENDS & SYMBOLS DRAWING 1001/W/WAB/DAP/A10/001 & 002
 - 02. ALL LOUVRES SHALL BE RAL 7043 TRAFFIC GREY B WITH PVF2 POWDER COATED FINISH.
 - 03. TYPE AND QUANTITY FOR CLIMBING PLANT REFER TO DRAWING 1001/C/WAB/JCL/A58/206 AND 304.
- LEGEND**
- (EF1) CONCRETE FORMWORK TYPE F4 FAIR FACE FINISH
 - (EF2) PROPRIETARY STAINLESS STEEL METAL MESH CLADDING - S5 GRADE 316 FOR DETAILS, REFER TO DRAWING 1001/C/WAB/JCL/A65/102
 - (EF3) EXTERNAL RECONSTITUTED GRANITE WALL TILE TILE SIZE: 227mm x 60mm FACE: SMOOTH SPECIAL SHAPES FOR OUTSIDE CORNERS: L SHAPE TILE 50mm x 60mm x 227mm, AND 108mm x 50mm x 60mm COLOUR: RAL 9001 CREAM WHITE FOR DETAILS, REFER TO DRAWING 1001/W/000/DAP/A57/011
 - (EF4) EXTERNAL RECONSTITUTED GRANITE WALL TILE TILE SIZE: 227mm x 60mm FACE: SMOOTH SPECIAL SHAPES FOR OUTSIDE CORNERS: L SHAPE TILE 50mm x 60mm x 227mm, AND 108mm x 50mm x 60mm COLOUR: RAL 8023 ORANGE BROWN FOR DETAILS, REFER TO DRAWING 1001/W/000/DAP/A57/011
 - (EF5) EXTERIOR RENDER, TOTAL THICKNESS TO BE 22mm UNLESS SPECIFIED OTHERWISE. COLOUR: RAL 7035 LIGHT GREY
 - (EF6) PROPRIETARY STAINLESS STEEL GREEN WALL MESH - GRADE 316, SUITABLE FOR CLIMBING PLANTS. FOR DETAILS, REFER TO DRAWING 1001/C/WAB/JCL/A65/101



PLOT DRW: C:\msm\p\dr\ver\..._color_300dpi_080323.dgn
 DATE: 2015/09/25 15:28:15
 MODELNAME: 1001_C_WAB_JCL_A14_001.dgn

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D4	U2 LEVEL REVISED, MINOR REVISION, WALL FINISH REVISED	PCL	21SEP15	RGH	ML	DRAWN			
D3	GENERAL REVISION	CL	16JUN14	RGH	IVT	DESIGNED			
D2	GENERAL REVISION	CL	24APR14	RGH	PC	CHECKED			
D1	GENERAL REVISION	CL	29OCT12	RGH	TS	APPROVED			
C	GENERAL REVISION	CL	04SEP12	RGH		DATE		5/7/2010	
B	RE-SUBMISSION	CL	30MAR12	RGH					
A	FIRST ISSUE	CL	30JAN12	RGH					

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR
西松建設
 Nishimatsu Construction Co. Ltd.
JACOBS
 100 Floor, Central Plaza, Takapui Place, 979 King's Road, Quarry Bay, Hong Kong, China
 852 2885 9788 Fax 852 2565 5991
 www.jacobs.com.hk

CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 WYLIE ROAD ANCILLARY BUILDING
 ELEVATIONS

SCALE: 1 : 100 (A1)
 DRAWING NO: 1001/C/WAB/JCL/A14/001
 REV: D4

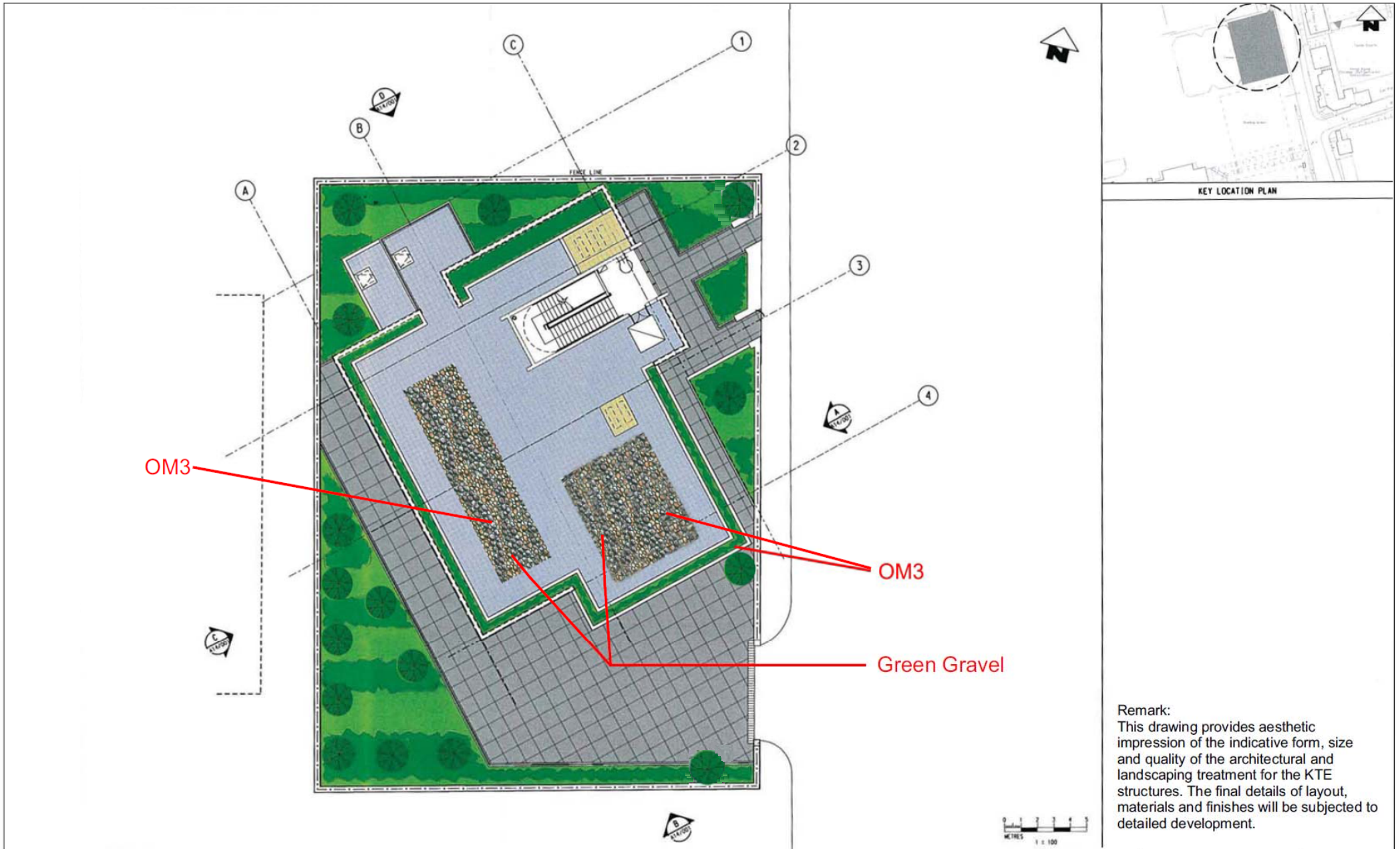


Figure 1

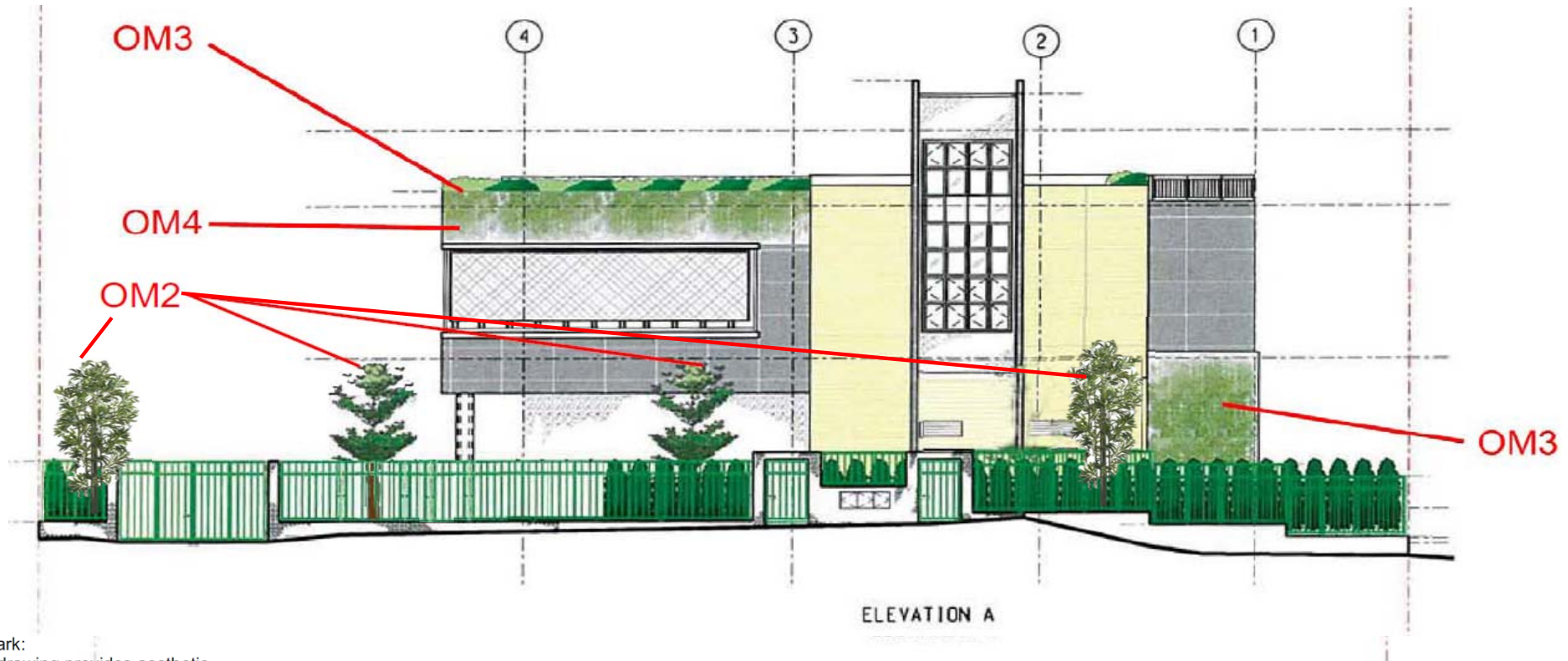
YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building Landscape Master Plan

FILE: 0132172a11b
DATE: 05/02/2016

Environmental
Resources
Management



OM5 - The emergency access and ventilation building are designed in a way so as to ensure the form, material and surface detailing of this structure can fit sympathetically into the local context. The form considers the Cultural Heritage of the Club de Recreio site as well as other proximate buildings. The structure will incorporate vertical greening / climbers where possible subject to technical operational and maintenance constraints.



Remark:
This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subjected to detailed development.

Figure 2

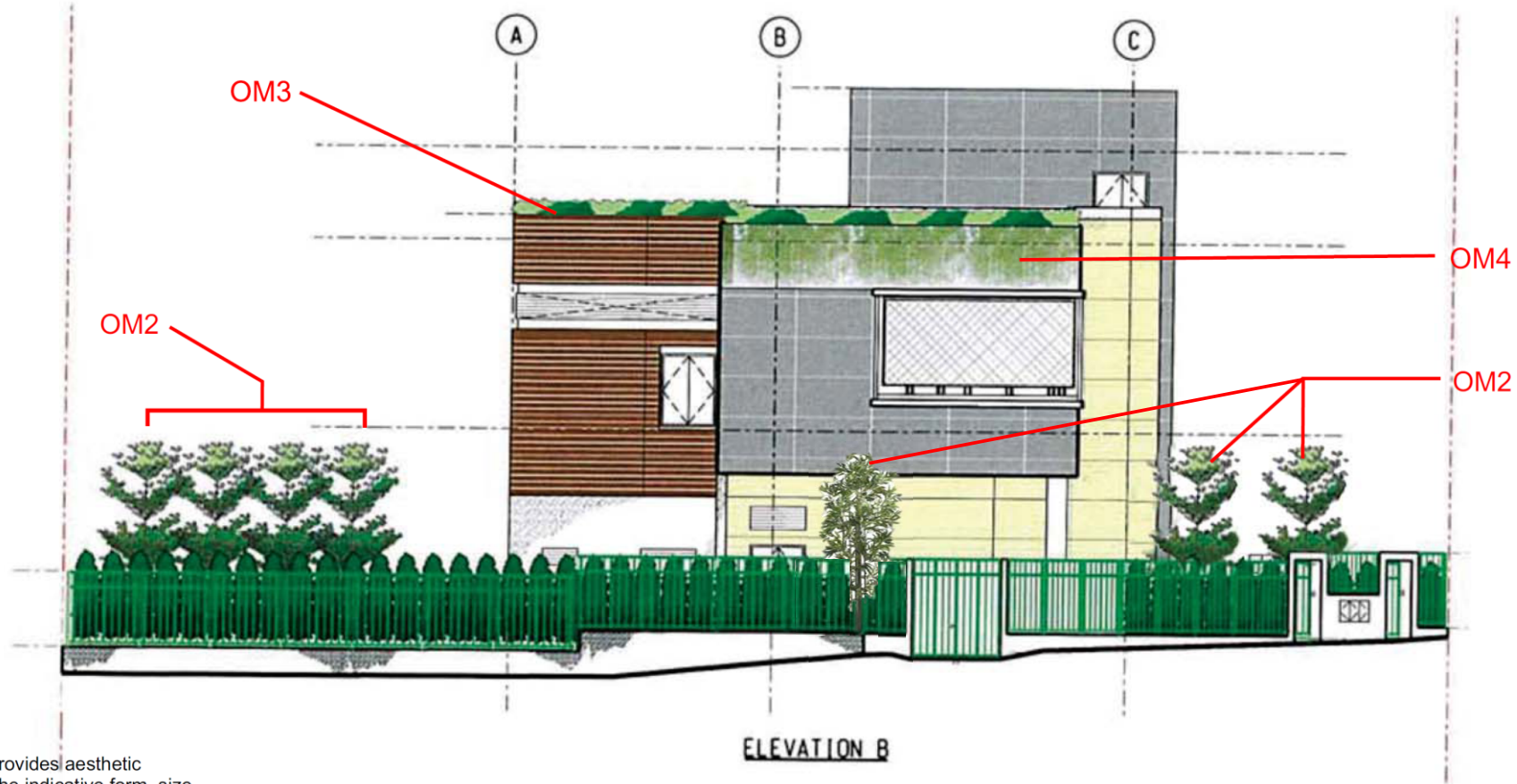
YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building - Elevation A

FILE: 0132172a12b
DATE: 05/02/2016

Environmental
Resources
Management



OM5 - The emergency access and ventilation building are designed in a way so as to ensure the form, material and surface detailing of this structure can fit sympathetically into the local context. The form considers the Cultural Heritage of the Club de Recreio site as well as other proximate buildings. The structure will incorporate vertical greening / climbers where possible subject to technical operational and maintenance constraints.



Remark:
This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subjected to detailed development.

Figure 3

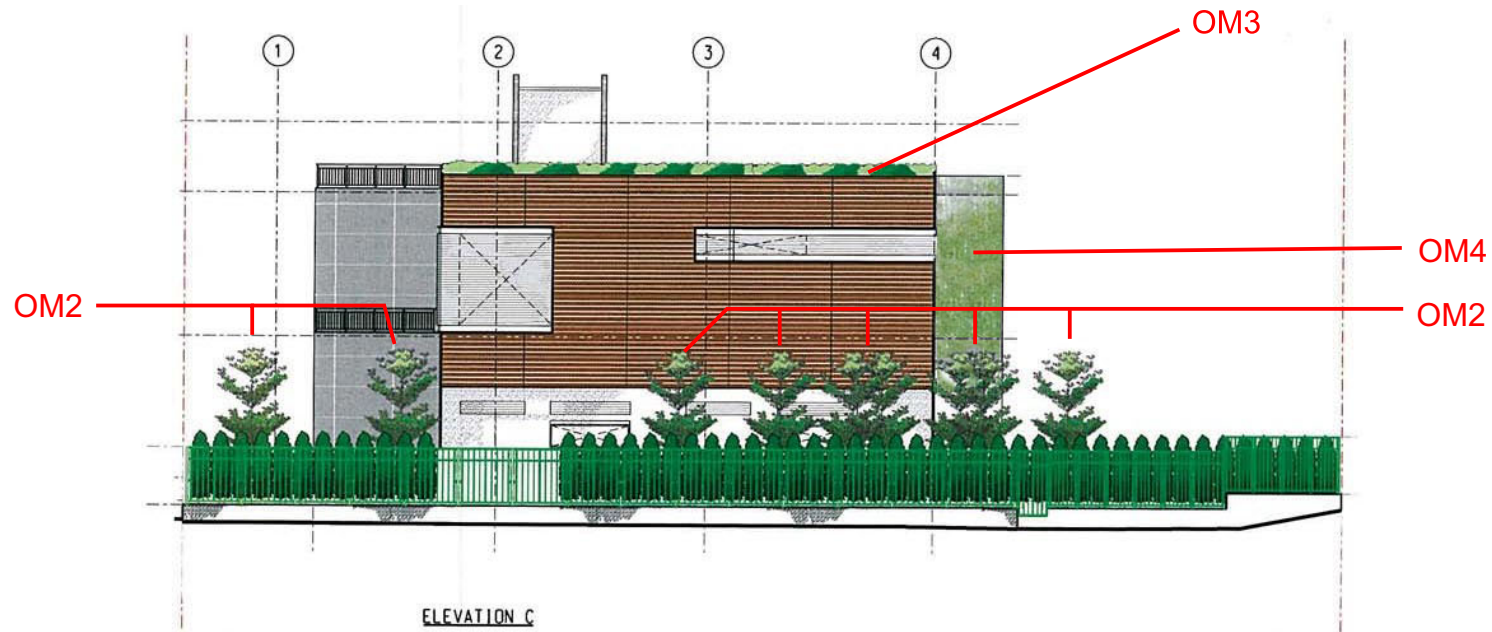
YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building - Elevation B

FILE: 0132172a13
DATE: 05/02/2016

Environmental
Resources
Management



OM5 - The emergency access and ventilation building are designed in a way so as to ensure the form, material and surface detailing of this structure can fit sympathetically into the local context. The form considers the Cultural Heritage of the Club de Recreio site as well as other proximate buildings. The structure will incorporate vertical greening / climbers where possible subject to technical operational and maintenance constraints.



Remark:
This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subjected to detailed development.

Figure 4

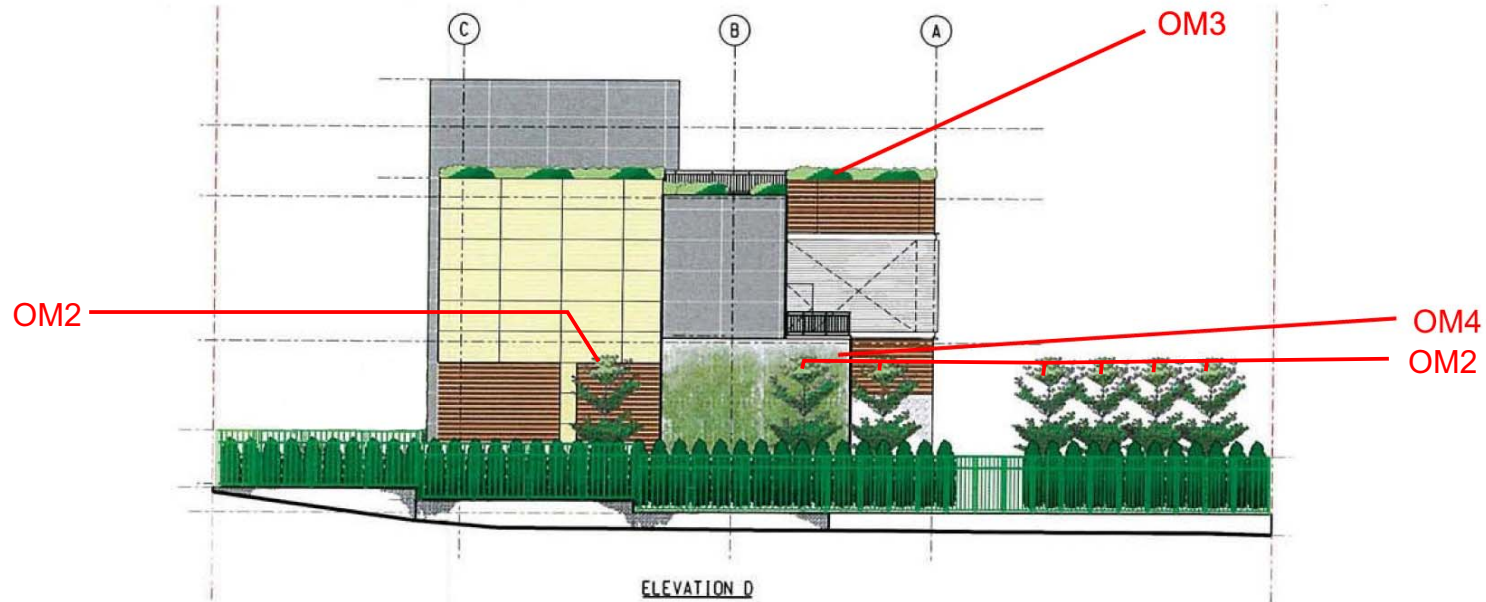
YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building - Elevation C

FILE: 0132172a14
DATE: 05/02/2016

Environmental
Resources
Management



OM5 - The emergency access and ventilation building are designed in a way so as to ensure the form, material and surface detailing of this structure can fit sympathetically into the local context. The form considers the Cultural Heritage of the Club de Recreio site as well as other proximate buildings. The structure will incorporate vertical greening / climbers where possible subject to technical operational and maintenance constraints.



Remark:
This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subjected to detailed development.

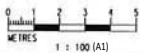


Figure 5

YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building - Elevation D

FILE: 0132172a15b
DATE: 05/02/2016

Environmental
Resources
Management



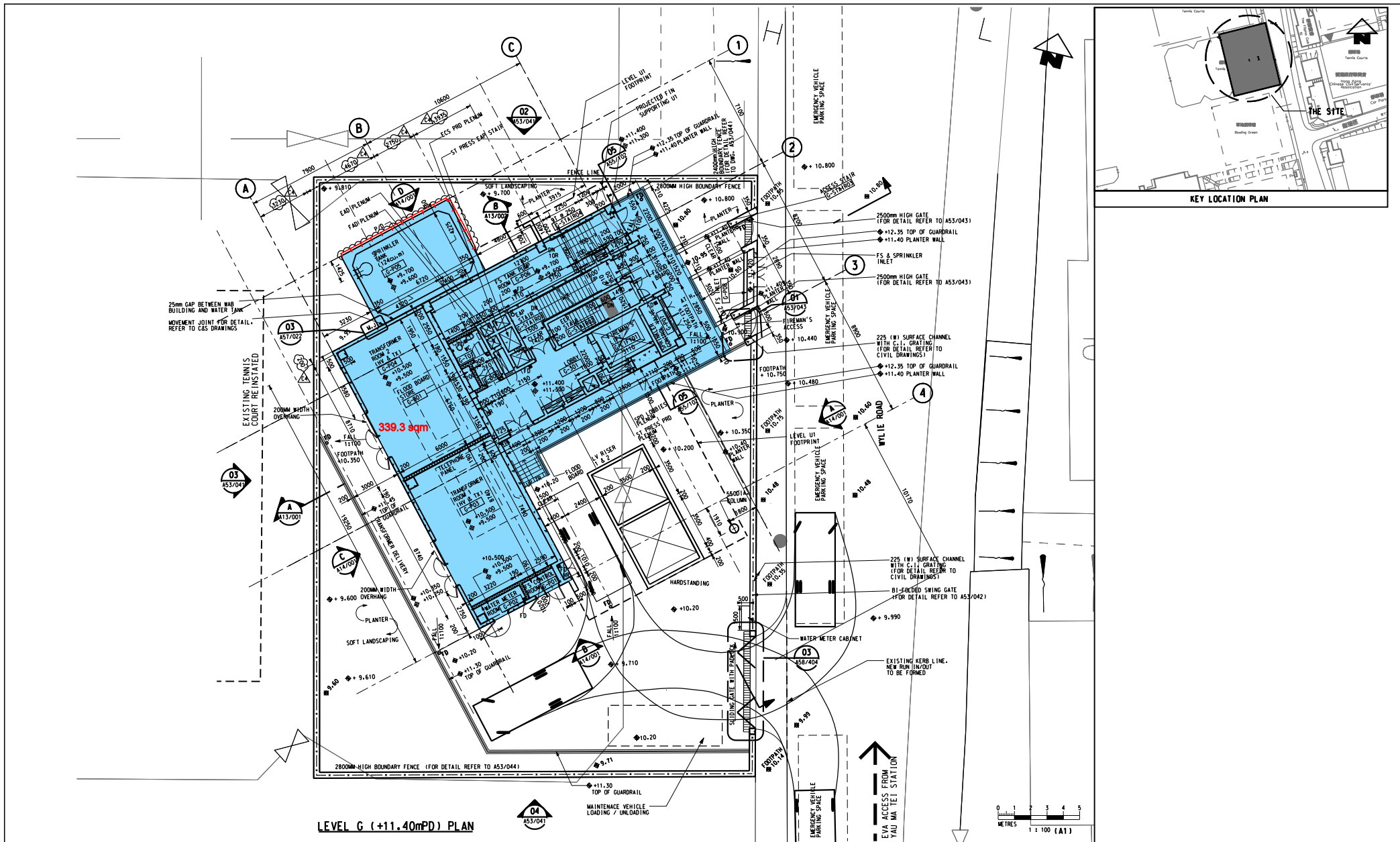


Figure 6

YMT to Whampoa Tunnels and HOM Station
Wylie Road Ancillary Building - Level G Plan

FILE: 0132172a16
DATE: 09/12/2015


Environmental
Resources
Management



MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 4: Ho Man Tin Station and Yan Fung Street Rest
Garden (May 2016) – Revision B (November 2017)

Verified by:  (Jacky Chan)



Position: Independent Environmental Checker

Date: 14 Nov 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 4: Ho Man Tin Station and Yan Fung Street Rest
Garden (May 2016) – Revision B (November 2017)

Certified by:  

Name: Kenneth Ng

Position: Registered Landscape Architect (RLA no. 034)

Date: 6/11/2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 4: Ho Man Tin Station and Yan Fung Street Rest
Garden (May 2016) – Revision B (November 2017)



Certified by: _____
(Felice Wong)

Position: Environmental Team Leader

Date: - 6. NOV 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 4: Ho Man Tin Station and Yan Fung Street Rest
Garden (May 2016) – Revision B(November 2017)

1. INTRODUCTION

This landscape and visual plan covers Ho Man Tin Station (HOM) and Yan Fung Street Rest Garden (the Garden) in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/D) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”.

The landscape and visual mitigation measures of the Project have been commenced by phases. The landscape and visual plans for other areas of the Project have been submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR HO MAN TIN STATION AND YAN FUNG STREET REST GARDEN

2.1. Design Details

In accordance to the approved EIA and the later on Variation of the Environment Permit (VEP) recommendations, landscape and visual mitigation measures are required to mitigate the impacts. The summary of the landscape impacts on LRs and LCA as stated in the approved EIA are provided in Table 2.1 below. Relevant landscape resources for HOM and the Garden with the mitigation measures recommended in EIA / VEP are shown in the Table 2.1.1. KTE project have implemented the recommended mitigation measures accordingly. Construction drawings, site photos and updated landscape master plan for the mitigation measures are presented in Appendix A , Appendix B and Appendix C respectively. For ease of reference, Table 2.1.2 indicates the provision of type of mitigation measures in the construction drawings and photos.

Table 2.1 Landscape impacts on LRs and LCA and the recommended landscape mitigation for Ho Man Tin Station.

LDR / LCA	Description	Sensitivity to change	Magnitude of Change		Significance Threshold Without mitigation		Mitigation measures	Significance Threshold Without mitigation		
			Construction	Operation	Construction	Operation		Construction	Day 1	Year 10
LDR 1.2	Yan Fung Street Rest Garden Slopes adjacent to Chatham Road North	High	Intermediate	Small	Moderate	Moderate	OM 1, 2 CM1, 2	Moderate	Slight	Slight
LDR 3.2	slopes adjacent to Yan Fung Street	High	Large	Large	Significant	Significant	OM 2, 3, 4	Significant	Significant	Moderate
LDR 6.1	Site formation levels for use by HOM Station	Low	Large	Large	Moderate	Slight Beneficial	OM2, 3, 4 CM1, 2	Moderate	Beneficial	Beneficial
LDR 7.1	Ho Man Tin - Valley Road Estate	Low	Large	Large	Moderate	Moderate	OM 2, 3, 4 CM 1,2,3,4	Moderate	Slight	Negligible Slight
LCA 06		Low	Large	Large	Moderate	Moderate	OM1,2,3,4,6	Moderate	Slight	Beneficial

Remarks:

No KTE related works at Yan Fung Street Rest Garden. The garden is retained as original. No re-provision is required.

Table 2.1.1 Landscape and Visual Mitigation Measures for LDR 1.2, LDR3.2, LDR 6.1 and LDR7.1.

Landscape Resource		Woks site / Area	Mitigation Measures recommended in EIA	Mitigation Measure has been / to be implemented
LDR 1.2	Yan Fung Street Garden	HOM station (WS19)	<p>OM 1 - Re-provision of Public Open Spaces</p> <p>OM2 - Compensatory Tree Planting</p>	<p>No KTE related works at Yan Fung Street Rest Garden. The garden is retained as original. No re-provision is required. The location of Yan Fung Street Rest Garden was shown in Drawing no. 1001/W/HOM/OAP/A58/111 and the condition of the garden before and after the KTE project has been shown in Photos in Appendix B</p>
LDR 3.2	Slopes adjacent to Chatham Road North	HOM station (WS 15a)	<p>CM 1 - Re-use of Existing Topsoil</p> <p>CM 2 – Tree Transplanting</p> <p>OM 2 - Compensatory Tree Planting</p> <p>OM 3 - Horizontal and Slope Greening</p> <p>OM 4 - Vertical Greening</p>	<p>The topsoil on the slopes was eroded and stony, with certain amount of foreign substances such as building rubble. The reuse was considered as inappropriate.</p> <p>All transplantation has been carried out in accordance with ETWB TCW No. 3/2006 and Tree Removal Application process.</p> <p>OM 2 – Compensatory Tree planting have been provided at graded slope and terraces adjacent to Chatham Road North and in front of the HOM station in accordance with ETWB TCW No. 3/2005 and Tree Removal Application process.</p> <p>OM 3 - Horizontal and slope greening including hydroseeding, shrub and whips planting have been provided at HOM station.</p> <p>OM 4 - Vertical greening including climbers planting have been provided at HOM station.</p> <p>The above measures have mitigated the loss of hill slopes adjacent to Chatham Road North</p>

LDR 6.1	Slope adjacent to Yan Fung Street	HOM station (WS15a, WS20)	<p>OM 2 - Compensatory Tree Planting</p> <p>OM 3 - Horizontal and Slope Greening</p> <p>OM 4 - Vertical Greening</p>	<p>OM 2 – Compensatory Tree planting have been provided at graded slope and terraces adjacent to Chatham Road North and in front of the HOM station in accordance with ETWB TCW No. 3/2005 and Tree Removal Application process.</p> <p>OM 3 - Horizontal and slope greening including hydroseeding, shrub and whips planting have been provided at HOM station.</p> <p>OM 4 - Vertical greening including climbers planting have been provided at HOM station.</p> <p>The above measures have mitigated the loss of hill slopes adjacent to Chatham Road North</p>
LDR 7.1	Site formation levels for use by HOM Station	HOM station (WS 15a)	<p>CM 1 - Reuse of Existing Topsoil</p> <p>CM 2 – Tree Transplanting</p> <p>OM 2 - Compensatory Tree Planting</p> <p>OM 3 - Horizontal and Slope Greening</p>	<p>The topsoil of the site was found low in nutrient value for new planting within the project. The reuse of topsoil was considered as inappropriate.</p> <p>In accordance with the approved TRA, no tree was proposed to be transplanted for this area.</p> <p>OM 2 - Compensatory Tree planting have been provided at graded slope and terraces adjacent to Chatham Road North and in front of the HOM station in accordance with ETWB TCW No. 3/2005 and Tree Removal Application process.</p> <p>OM 3 - Horizontal and slope greening including hydroseeding, shrub and whips planting have been provided at HOM station. In addition, temporary hydroseeding of slope around station and temporary potted roof planting would be provided.</p> <p>OM 4 - Vertical greening including climbers planting</p>

			OM 4 - Vertical Greening	have been provided at HOM station.
--	--	--	--------------------------	------------------------------------

Table 2.1.2 Tree transplanting and Compensatory Tree Planting Summary

Landscape Resource		Woks site / Area	Tree Transplantation	Compensatory tree planting
LDR 1.2	Yan Fung Street Garden	HOM station (WS19)	No tree affected by the works of KTE project	No tree affected by the works of KTE project
LDR 3.2	Slopes adjacent to Chatham Road North	HOM station (WS 15a)	16 nos. of trees have been transplanted to Siu Ho Wan Depot as permanent planting location in accordance with the approved TRA.	Trees (668 nos.) have been felled and off-site compensation (596 nos.) has been provided in accordance with approved TRA. To mitigation the landscape impact, a total of 152 nos. of trees have been compensated adjacent to Chatham Road North and Yan Fung Street to mitigate the landscape impact. Details of compensatory trees at HOM could be referred to Tree Planting Plan, Planting Schedule and Photos in Appendix B.
LDR 6.1	Slope adjacent to Yan Fung Street	HOM station (WS15a, WS20)	No tree has been transplanted.	5 nos. of trees have been felled at the slopes adjacent to Yan Fung Street. A total of 152 nos. of trees have been compensated adjacent to Chatham Road North and Yan Fung Street to mitigate the landscape impact.

LDR 7.1	Site formation levels for use by HOM Station	HOM station (WS 15a)	No tree has been transplanted.	170 nos. of trees have been felled in accordance with the approved TRA. A total of 152 nos. of trees have been compensated adjacent to Chatham Road North and Yan Fung Street to mitigate the landscape impact. In addition, 139 nos. of compensatory trees have been proposed to be planted at the HOM topside development.
------------	--	----------------------	--------------------------------	--

Table 2.1.3 Drawings with Landscape and Visual Mitigation Measures

Landscape and Visual Mitigation Measure	Relevant Drawings
OM 2 - Compensatory Tree Planting	1001/W/HOM/OAP/A58/137 to 141 and Photos in Appendix B
Planting Plan Schedule	1001/W/HOM/OAP/A58/152
OM 3 - Horizontal and Slope Greening	<p><i>Shrub Planting</i></p> <p>1001/W/HOM/OAP/A58/144 to 150 1001/W/HOM/OAP/A58/161 1001/W/HOM/OAP/A58/164 1001/W/HOM/OAP/A58/181 1001/W/HOM/OAP/A12/296 1001/W/HOM/OAP/A12/451</p> <p><i>Whips Tree Planting</i></p> <p>1001/W/HOM/OAP/A58/166</p> <p><i>Pot Planting at Roof of HOM</i></p> <p>1001/W/HOM/OAP/A58/167 to 168</p> <p><i>Slope Greening</i></p> <p>1001/W/HOM/OAP/C21/431</p> <p>And relevant Photos in Appendix B</p>
OM 4 - Vertical Greening	1001/W/HOM/OAP/A58/144 1001/W/HOM/OAP/A58/147 to 148
- <i>External Elevation with Vertical Greening</i>	1001/W/HOM/OAP/A14/001 to 003 1001/W/HOM/OAP/A14/112 1001/W/HOM/OAP/A14/132 1001/W/HOM/OAP/A14/141 to 143 1001/W/HOM/OAP/A14/154 1001/W/HOM/OAP/A14/301 to 302 And relevant Photos in Appendix B

2.2. Locations

Please refer to the attached construction drawings in Appendix A.

2.3. Implementation Programme

The landscape treatment works have been carried out in September 2016.

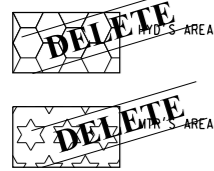
2.4. Maintenance and management schedules

MTR Corporation would be responsible for the maintenance of the landscape mitigation measures after the completion for HOM except for the landscape planting at slope 11 NW-D/FR40 as shown in Drawing no. 1001/W/HOM/OAP/A58/166, which would be maintained by Highways Department after the warranty period.

Appendix A

Landscape and Visual Drawings for
Ho Man Tin Station and Yan Fung Street Rest Garden
(May 2016) – Revision B (November 2017)

GENERAL LEGEND FOR SITE LOCATION PLAN:



GENERAL LEGEND FOR LANDSCAPE DETAIL PLAN:

	LANDSCAPE WORKS BOUNDARY LINE	
	EXPANSION JOINT	
	RETAINED TREE & RETAINED TREE NO.	
	PLANTER	
	PROPOSED LEVEL	
	EXISTING LEVEL	
	TOP OF WALL LEVEL	
	TOP OF SOIL LEVEL	
	CONCRETE BLOCK PAVING TYPE 1 TO DWG NO.	1 201
	CONCRETE BLOCK PAVING TYPE 2 TO DWG NO.	2 201
	NATURAL GRANITE PAVING TYPE 3 TO DWG NO.	3 201
	CONCRETE BLOCK PAVING TYPE 4 TO DWG NO.	4 201
	NATURAL GRANITE PAVING TYPE 5 TO DWG NO.	5 201
	NATURAL GRANITE PAVING TYPE 6 TO DWG NO.	6 201
	NATURAL GRANITE PAVING TYPE 7 TO DWG NO.	7 201
	CONCRETE BLOCK PAVING TYPE 8 TO DWG NO.	8 201
	CONCRETE BLOCK PAVING TYPE 9 TO DWG NO.	1 202
	CONCRETE BLOCK PAVING TYPE 10 TO DWG NO.	2 202

	CONCRETE BLOCK PAVING TYPE 1 TO DWG NO.	- 205
	CONCRETE BLOCK PAVING TYPE 2 TO DWG NO.	- 204
	CONCRETE BLOCK PAVING FOR EVA TO DWG NO.	- 206
	NATURAL GRANITE PAVING TYPE 14 TO DWG NO.	- 201
	NATURAL GRANITE PAVING TYPE 15 TO DWG NO.	- 201
	PLANTER KERB TYPE 1 TO DWG NO.	1 301
	KERB EDGE TYPE 2 TO DWG NO.	6 301
	HYD STANDARD KERB TO DWG NO.	- 303
	HYD STANDARD KERB 1 TO DWG NO.	2 302
	HYD STANDARD KERB 2 TO DWG NO.	3 302
	PLANTER WALL TYPE 1 TO DWG NO.	1 312
	PLANTER WALL TYPE 2 TO DWG NO.	2 313
	PLANTER WALL TYPE 4 TO DWG NO.	4 312
	PLANTER WALL TYPE 4A TO DWG NO.	4 313
	FEATURE WALL TYPE 4B TO DWG NO.	- 312
	FEATURE WALL TYPE 5 TO DWG NO.	7 403
	FEATURE WALL TYPE 6 TO DWG NO.	1 505
	FEATURE WALL TYPE 7 TO DWG NO.	2 505
	FEATURE WALL TO DWG NO.	1-5 404

	STAIR 1 TO DWG NO.	- 501
	STAIR 2 TO DWG NO.	- 507
	STAIR 3 TO DWG NO.	- 501
	RAILING TYPE 1 TO DWG NO.	1 502
	RAILING TYPE 2 TO DWG NO.	- 502
	RAILING TYPE 3 TO DWG NO.	1 506
	RAILING TYPE 4 TO DWG NO.	5 501
	RAILING TYPE 5 TO DWG NO.	2 506
	SITTING BENCH TO DWG NO.	- 401
	TREE PIT TO DWG NO.	- 315
	GATE 1 TO DWG NO.	- 508
	GATE 2 TO DWG NO.	- 508
	FENCE TYPE 1 TO DWG NO.	- 404
	LITTER BIN 1 TO DWG NO.	- 708
	LITTER BIN 2 TO DWG NO.	- 708
	GATE 1 TO DWG NO.	- 208
	GATE 2 TO DWG NO.	- 208
	FENCE TYPE 1 TO DWG NO.	- 208

GENERAL LEGEND FOR LANDSCAPE UTILITY PLAN:

	IRRIGATION WATER POINT TO DWG	- 707
	DRAINAGE FALL	
	HYD STANDARD ROAD LIGHT	
	HYD POLE LIGHT IN GARDEN / PLAYGROUND	
	WALL RECESSED LIGHT TO DWG NO.	6 706
	POLE LIGHT TO DWG NO.	6 704
	PLANTER UPLIGHT TO DWG NO.	6 705
	BOLLARD LIGHT TO DWG NO.	6 706
	BOLLARD LIGHT TO DWG NO.	6 704
	U-CHANNEL 1 TO DWG NO.	- 702
	U-CHANNEL 2 TO DWG NO.	- 703
	PERFORATED DRAINING PIPE INSIDE PLANTER	

GENERAL LEGEND FOR SETTING OUT PLAN:

	50 x 1000 mm SETTING-OUT GRID	
	SDP SETTING-OUT POINT	
	HEAVY STANDARD TREE	
	GREEN ROOF PLANTING	
	SHRUB PLANTING	
	GROUND COVER PLANTING	
	CLIMBER PLANTING	
	POTTED PLANTS COME WITH CLAY POTS TO DWG NO.	- 167,168

GENERAL LEGEND FOR SOILING PLAN:

	1200 mm (DEPTH) PLANTING SOIL MIX
	700 mm (DEPTH) PLANTING SOIL MIX
	300 mm (DEPTH) PLANTING SOIL MIX
	150 mm (DEPTH) PLANTING SOIL MIX

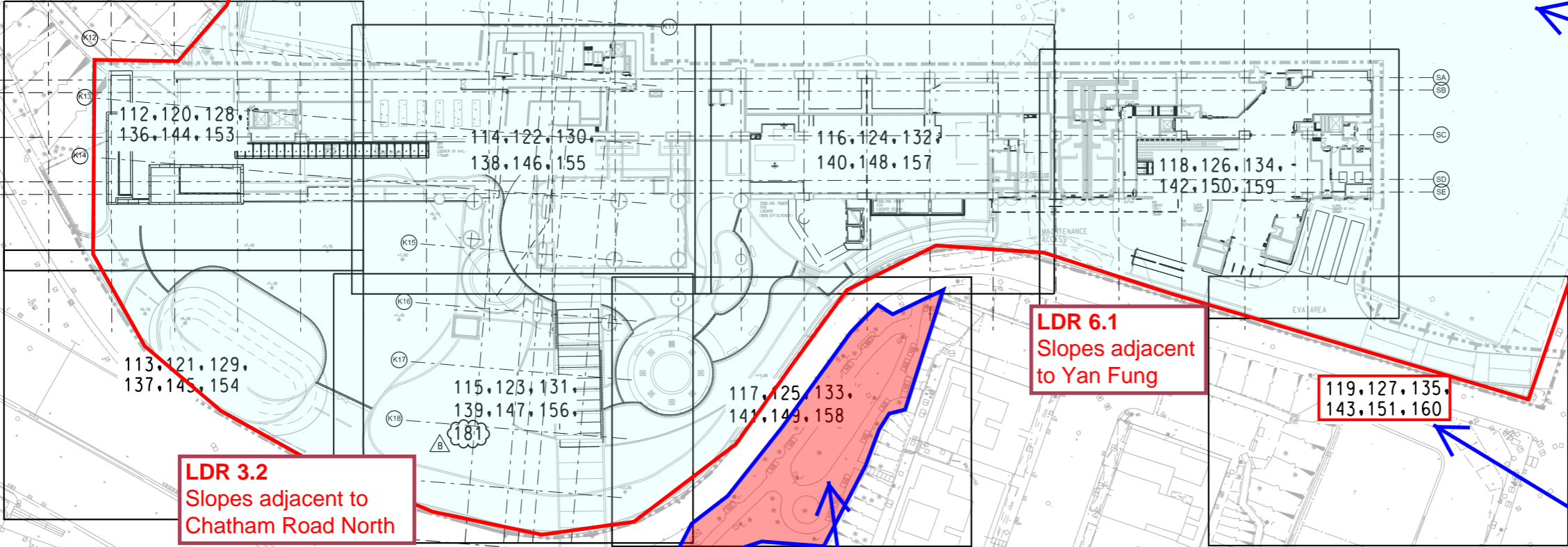
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	DRAWN: HW DESIGNED: EL CHECKED: KN APPROVED: TS DATE: 25/MAR/2011	KWUN TONG LINE EXTENSION ORIGINATOR: ARUP Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild	TITLE: CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION - GENERAL LEGEND	SCALE: NTS DRAWING NO: 1001/W/HOM/OAP/A58/102 REV: B
										B LEGEND UPDATE A WORKING DRAWING			

NOTE
 1. FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGEND
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102

LDR 7.1
 Site formation levels for use nu HOM

Ho Man Tin Station Area
 Area affected by KTE project's site works with landscape and visual mitigation measures.



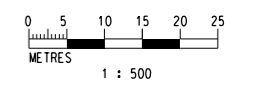
LDR 6.1
 Slopes adjacent to Yan Fung

LDR 3.2
 Slopes adjacent to Chatham Road North

Key Plan
 The drawing numbers for different zones have been shown in this key plan.

LDR 1.2
 Yan Fung Street Rest Garden

Yan Fung Street Rest Garden
 Area retained as original and not affected by KTE project's site works.



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	NEW DRAWING ADD		07OCT14	TS	HHW				
A	WORKING DRAWING		13MAY11	TS	KN				

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

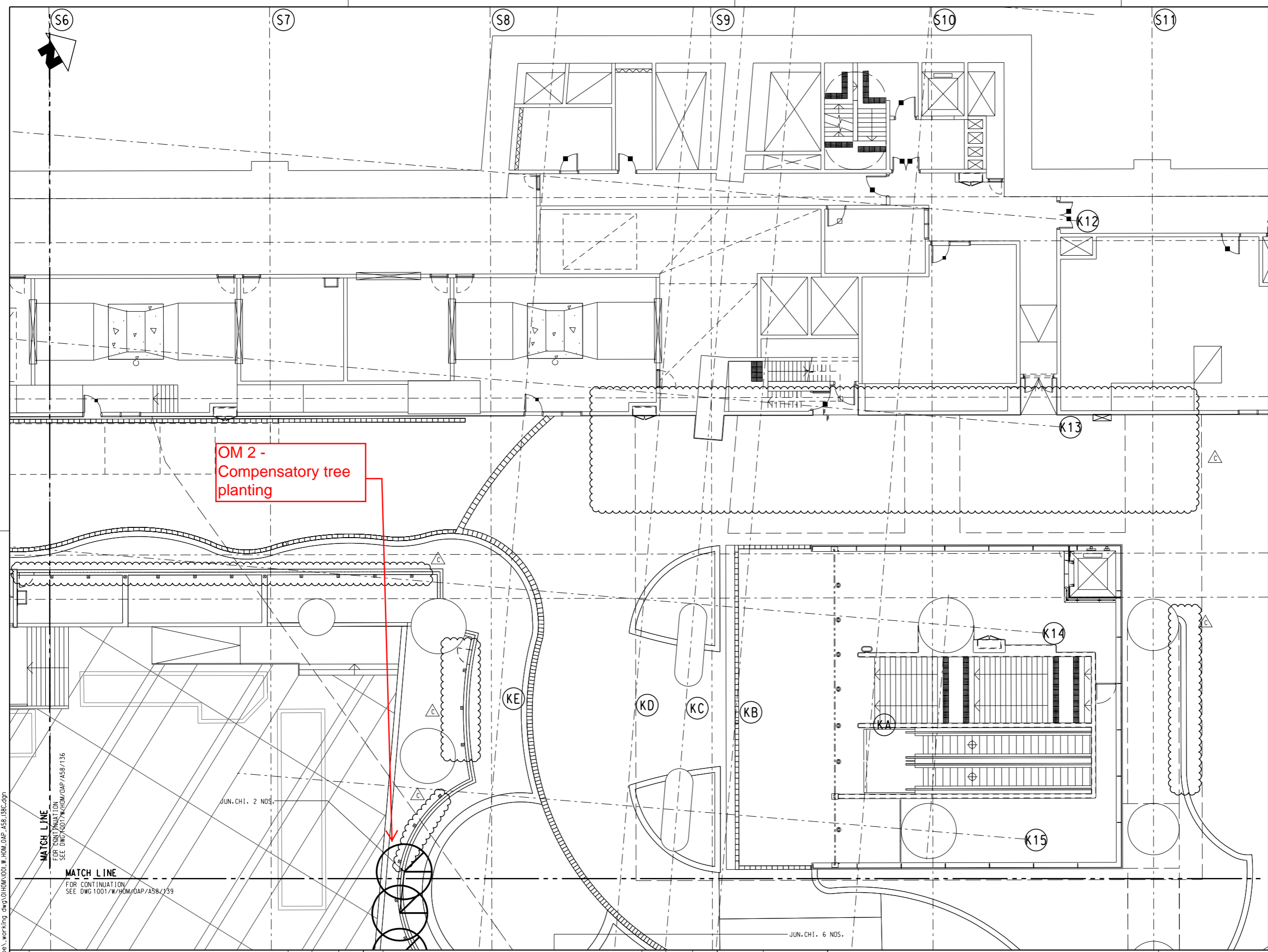
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

MTR
 KWUN TONG LINE EXTENSION

ORIGINATOR: **ARUP**
 Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_111B.dgn

TITLE	CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION SITE LOCATION PLAN
SCALE	1 : 500 (A1)
DRAWING NO.	1001/W/HOM/OAP/A58/111
REV.	B



OM 2 -
Compensatory tree
planting

MATCH LINE
FOR CONTINUATION
SEE DWG 1001/W/HOM/OAP/A58/136

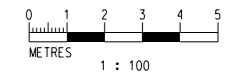
MATCH LINE
FOR CONTINUATION
SEE DWG 1001/W/HOM/OAP/A58/139

JUN. CHI. 2 NOS.

JUN. CHI. 6 NOS.

NOTES:
FOR GENERAL NOTE .
REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
FOR GENERAL LEGEND .
REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C	BACKGROUND UPDATED	HC	06JAN16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR

ARUP

KWUN TONG LINE EXTENSION

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_138C.dgn

CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION -
TREE PLANTING PLAN
SHEET 3

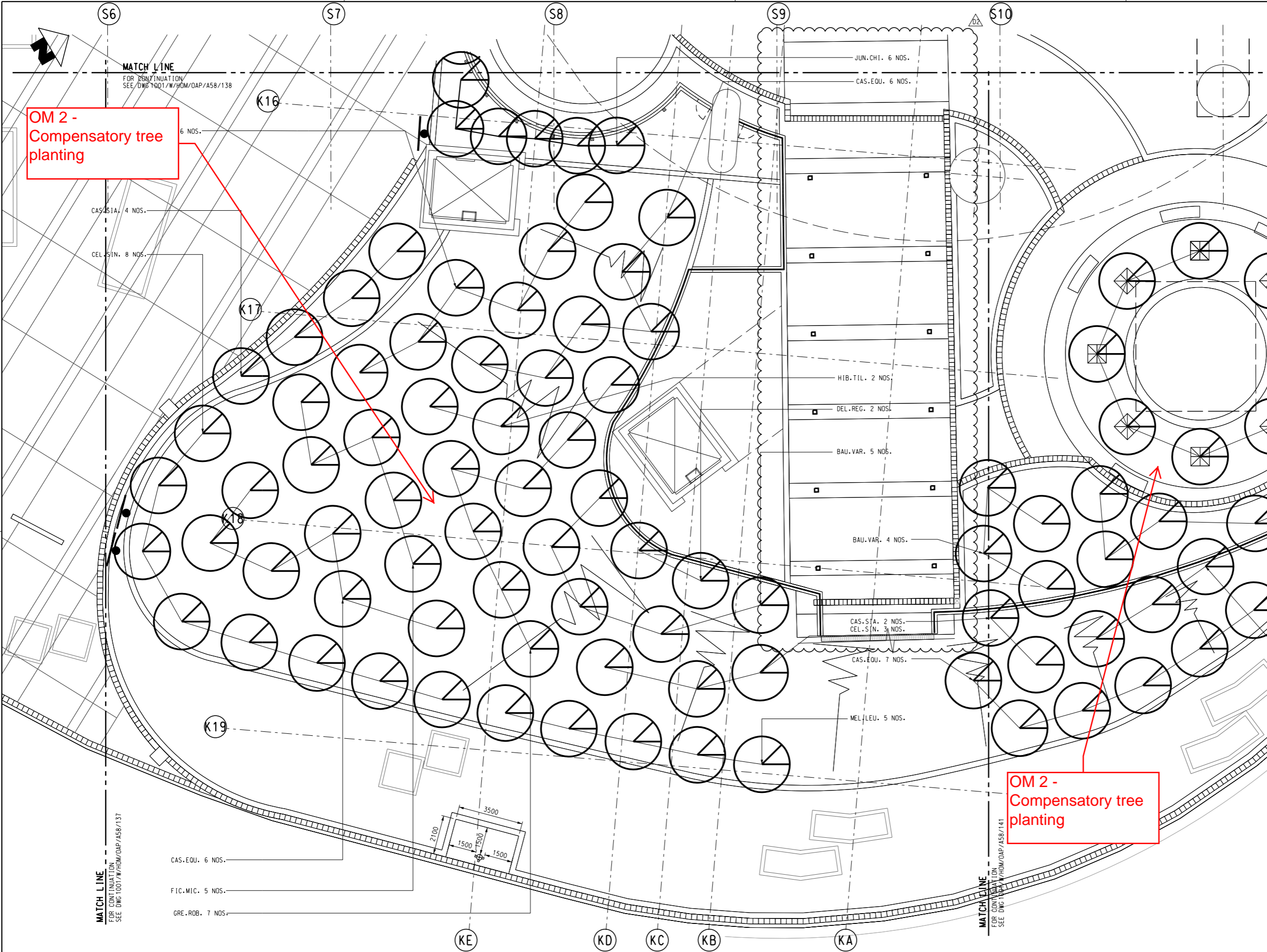
SCALE 1 : 100 (A1)

DRAWING NO. 1001/W/HOM/OAP/A58/138

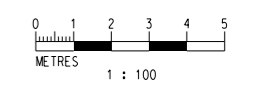
REV. C

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

PLOT DRW: C:\usm\h\p\drive\MTR\PDF_BW_300dpi_IDA_Arch\100827.dwg
 Date PLOT: 3/27/2016 10:34:42 AM
 MODELNAME: K:\MTR\landscape\working_dwg\1001\W_HOM_OAP_A58_1392.dgn
 FILENAME:



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED

D2	REVISED AS PER DMS 254	HC	XXXX	TS	DRAWN	HW
D1	ADDED STREET FIRE HYDRANT (DMS 240)	HC	25FEB16	TS	DESIGNED	EL
C	BACKGROUND UPDATED	HC	06JAN16	TS	CHECKED	KN
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS	APPROVED	TS
A	WORKING DRAWING	KN	13MAY11	TS	DATE	25/MAR/2011

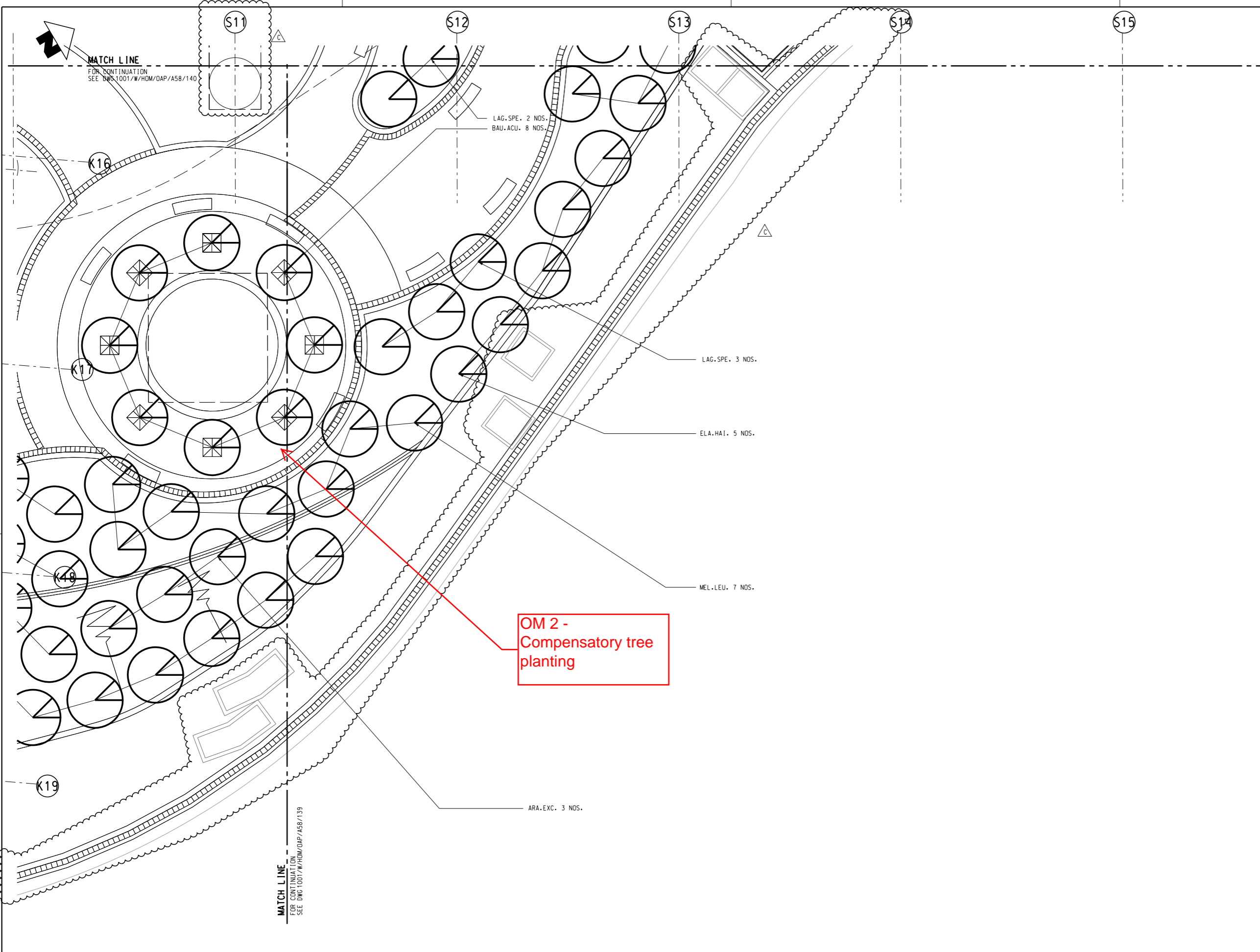
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR
ARUP
 CADD REF. 1001_W_HOM_OAP_A58_1392.dgn

Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

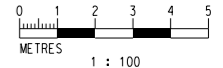
TITLE
CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION -
TREE PLANTING PLAN
SHEET 4

SCALE 1 : 100 (A1)
 DRAWING NO. 1001/W/HOM/OAP/A58/139
 REV. D2



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C	BACKGROUND UPDATES	HC	06JAN16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR

ARUP

KWUN TONG LINE EXTENSION

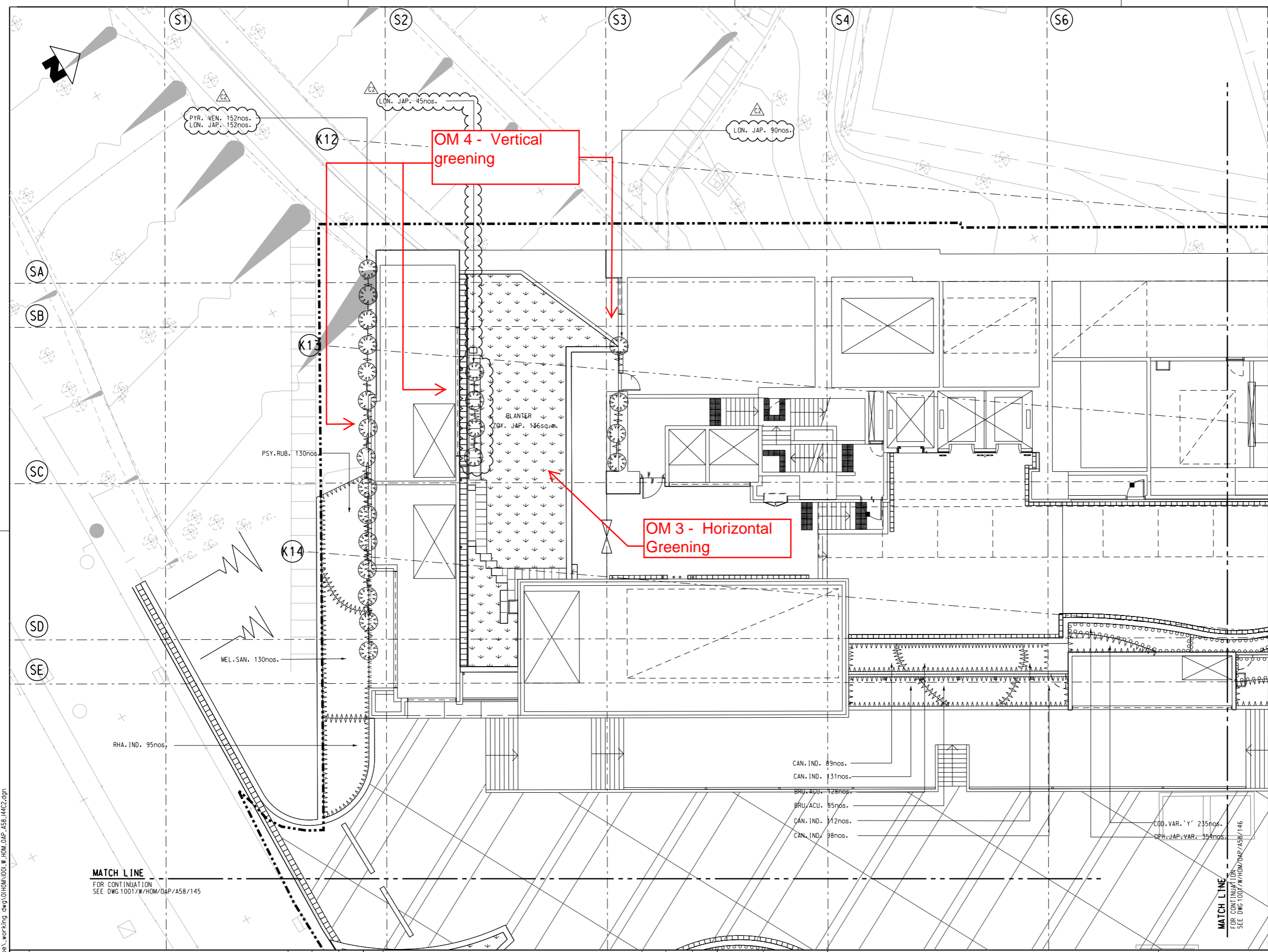
ORIGINATOR: **ARUP**

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

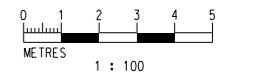
CADD REF. 1001_W_HOM_OAP_A58_141C.dgn

TITLE		CONTRACT 1001	
		YMT TO WHAMPOA TUNNELS AND HOM STATION	
		HO MAN TIN STATION -	
		TREE PLANTING PLAN	
		SHEET 6	
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1001/W/HOM/OAP/A58/141	C	



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



MATCH LINE
 FOR CONTINUATION
 SEE DWG 1001/W/HOM/OAP/A58/145

MATCH LINE
 FOR CONTINUATION
 SEE DWG 1001/W/HOM/OAP/A58/146

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C2	REVISED AS PER DMS 254	HC	XXXX	TS					
C1	ADDED PLANTER	HC	25FEB16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

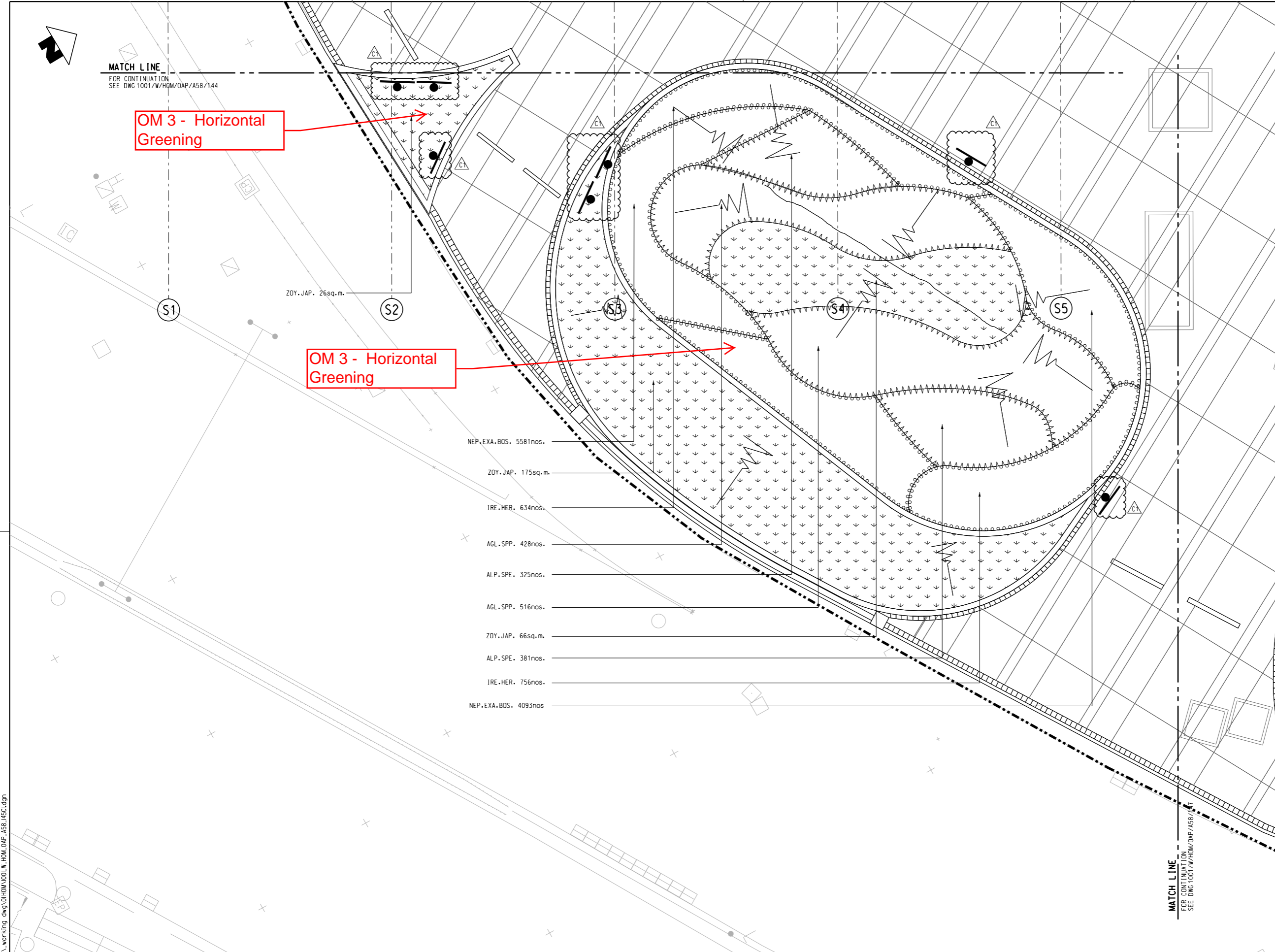
ARUP
 ORIGINATOR
 Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

DATE: 25/MAR/2011
 DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

CADD REF. 1001_W_HOM_OAP_A58_144C2.dgn

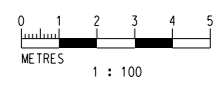
CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION -
SHRUB PLANTING PLAN
SHEET 1

SCALE 1 : 100 (A1)
 DRAWING NO. 1001/W/HOM/OAP/A58/144
 REV. C2



NOTES:
FOR GENERAL NOTE .
REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
FOR GENERAL LEGEND .
REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C1	SOFTLANDSCAPE UPDATE	HC	25FEB16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	CC
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

MTR

ARUP

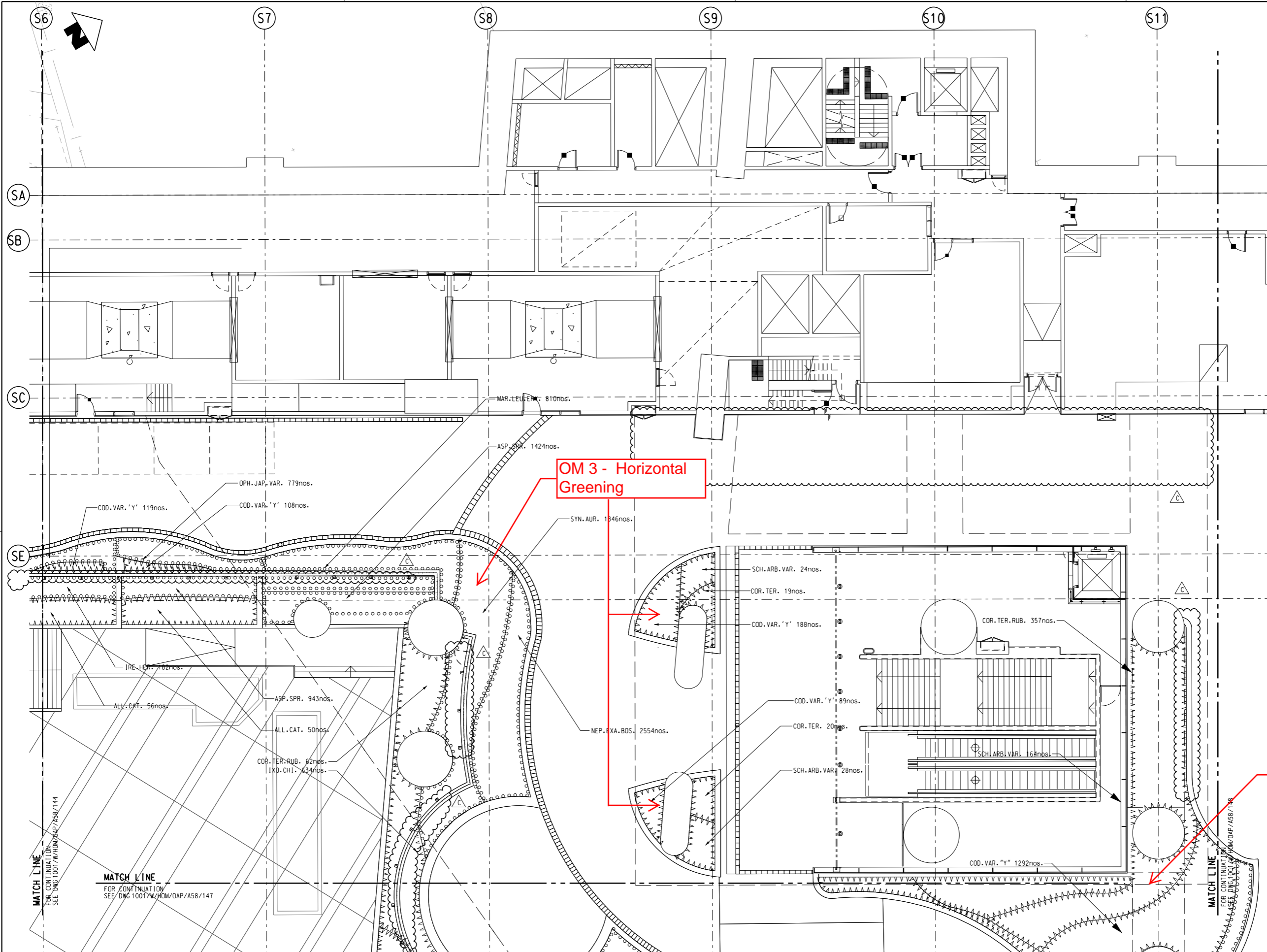
KWUN TONG LINE EXTENSION

Supported by:

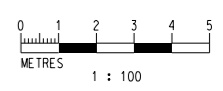
- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_145C1.dgn

TITLE		CONTRACT 1001	
		YMT TO WHAMPOA TUNNELS AND HOM STATION	
		HO MAN TIN STATION -	
		SHRUB PLANTING PLAN	
		SHEET 2	
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1001/W/HOM/OAP/A58/145	C1	



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C	BACKGROUND UPDATED	HC	06JAN16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

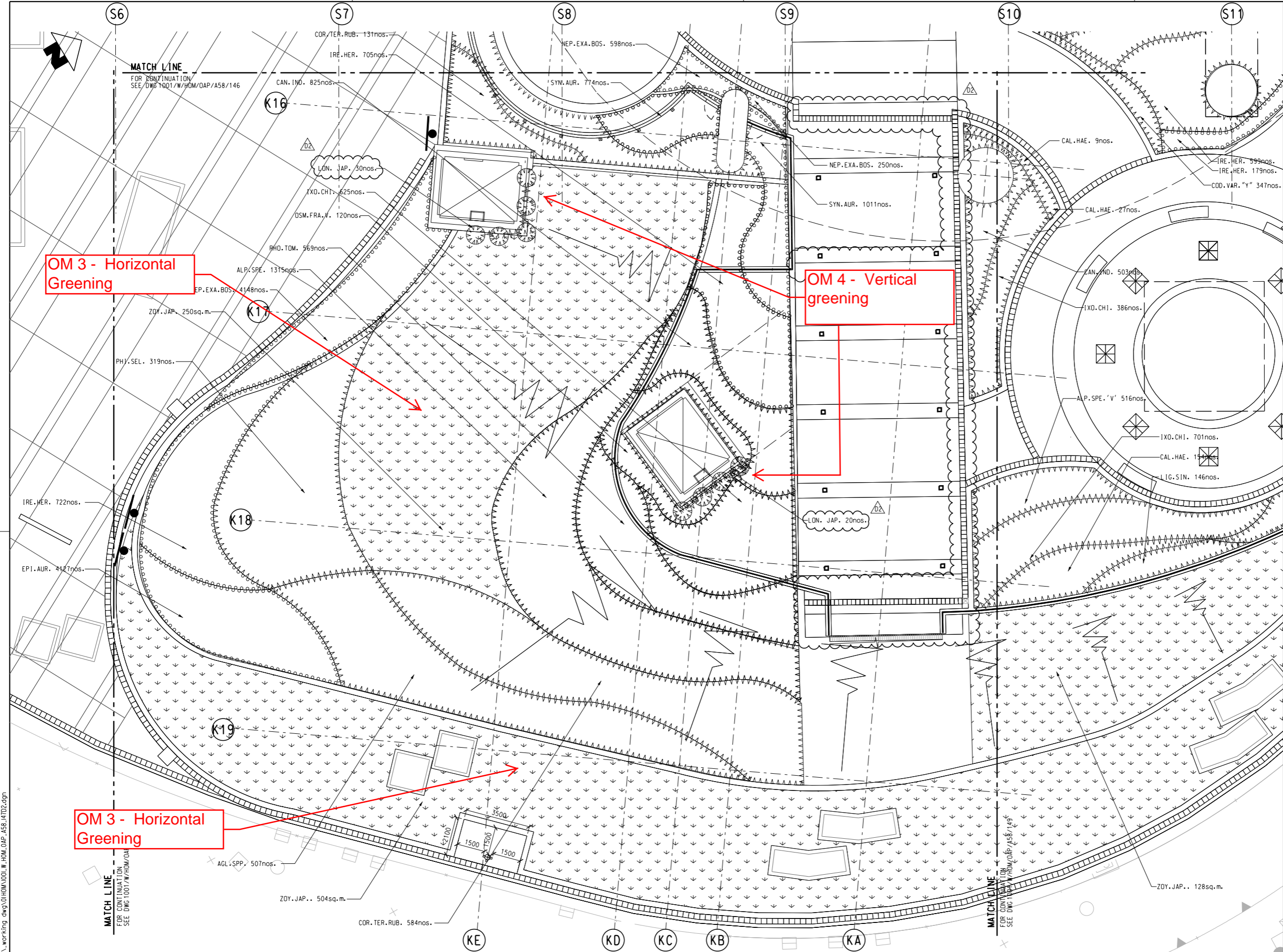
DRAWN	CC
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR
ARUP
 CADD REF. 1001_W_HOM_OAP_A58_146.dgn

Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

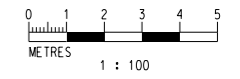
CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 HO MAN TIN STATION -
 SHRUB PLANTING PLAN
 SHEET 3

SCALE 1 : 100 (A1)
 DRAWING NO. 1001/W/HOM/OAP/A58/146
 REV. C



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED

D2	REVISED AS PER DAMS 254	HC	XXXX	TS
D1	ADDED STREET FIRE HYDRANT (DAMS 240)	HC	25FEB16	TS
C	BACKGROUND UPDATED	HC	06JAN16	TS
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS
A	WORKING DRAWING	KN	13MAY11	TS

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR

ARUP

KWUN TONG LINE EXTENSION

ORIGINATOR: **ARUP**

Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_147D2.dgn

TITLE

CONTRACT 1001

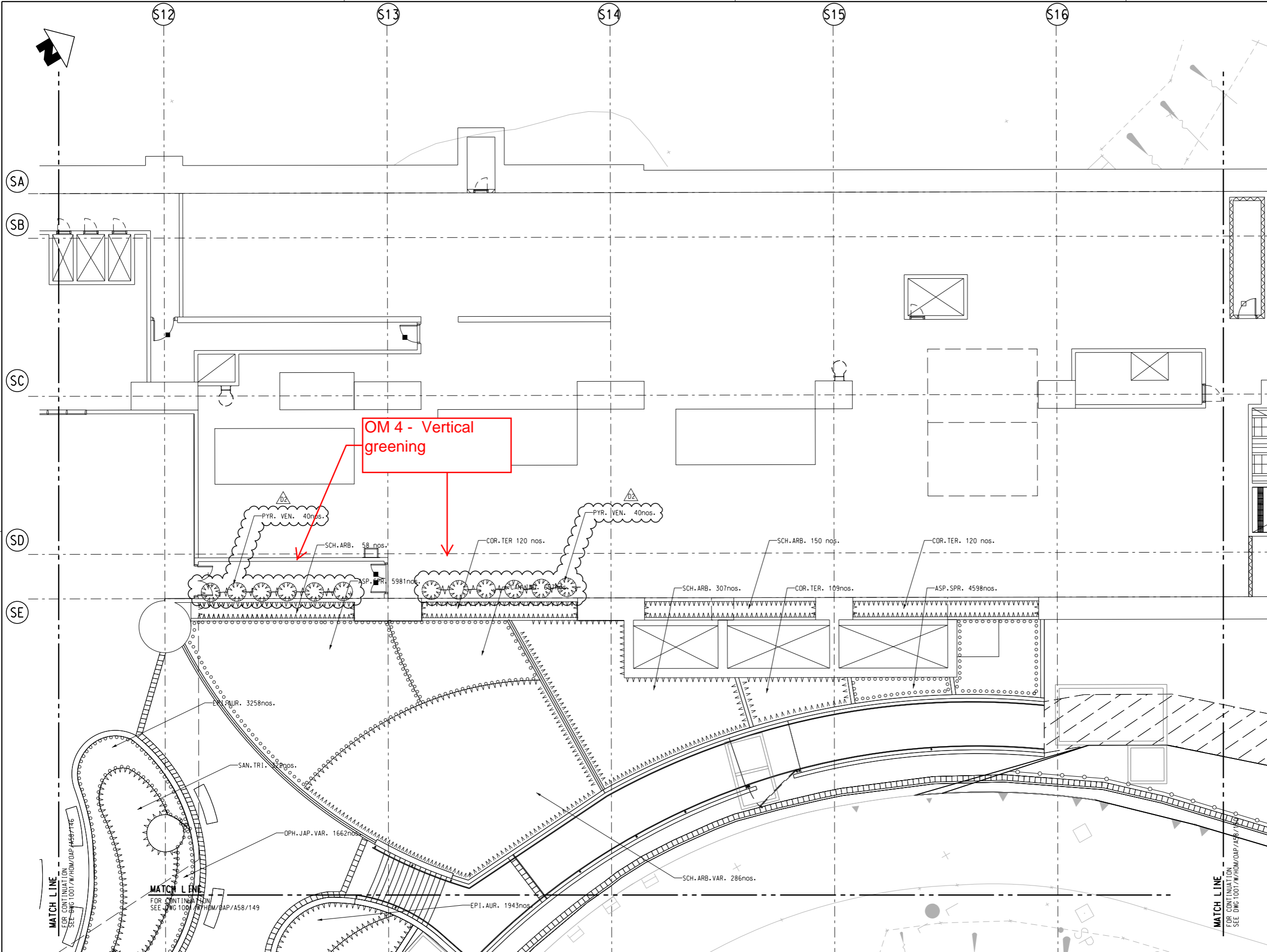
YMT TO WHAMPOA TUNNELS AND HOM STATION

HO MAN TIN STATION - SHRUB PLANTING PLAN SHEET 4

SCALE 1 : 100 (A1)

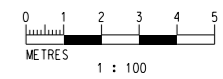
DRAWING NO. 1001/W/HOM/OAP/A58/147

REV. D2



NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101

LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	KN	13MAY11	TS
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS
C	DAMs 0186 & BACKGROUND UPDATES	HC	06JAN16	TS
D1	SOFTLANDSCAPE UPDATE	HC	25FEB16	TS
D2	REVISED AS PER 254	HC	XXXX	TS

REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	KN	13MAY11	TS
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS
C	DAMs 0186 & BACKGROUND UPDATES	HC	06JAN16	TS
D1	SOFTLANDSCAPE UPDATE	HC	25FEB16	TS
D2	REVISED AS PER 254	HC	XXXX	TS

MTR

ARUP

ORIGINATOR

DATE: 25/MAR/2011

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_1482.dgn

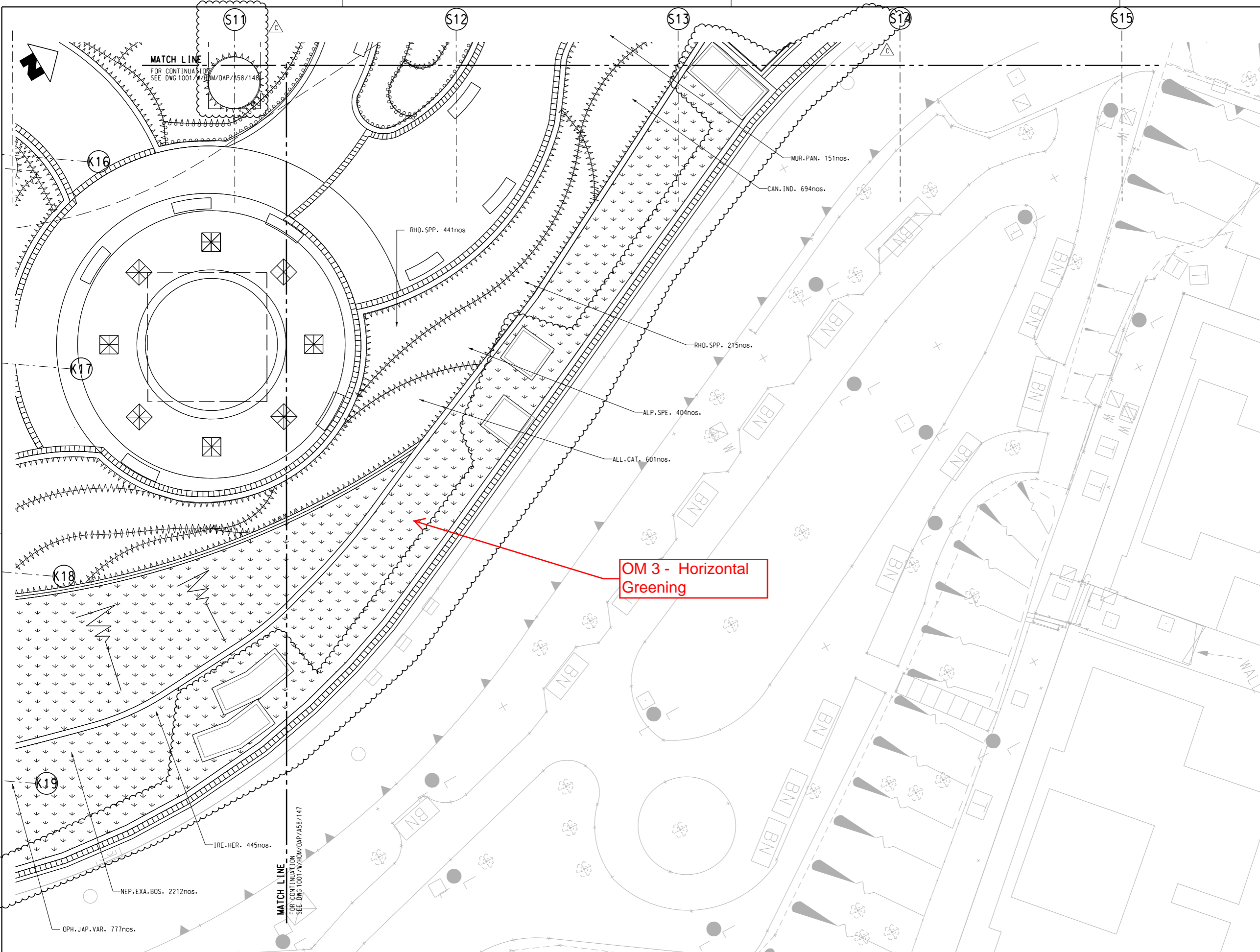
TITLE

CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION -
SHRUB PLANTING PLAN
SHEET 5

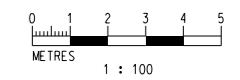
SCALE 1 : 100 (A1)

DRAWING NO. 1001/W/HOM/OAP/A58/148

REV. D2



NOTES:
 FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
LEGENDS:
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C	BACKGROUND UPDATES	HC	06JAN16	TS					
B	SOFTLANDSCAPE UPDATE	THW	02DEC14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	CC
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

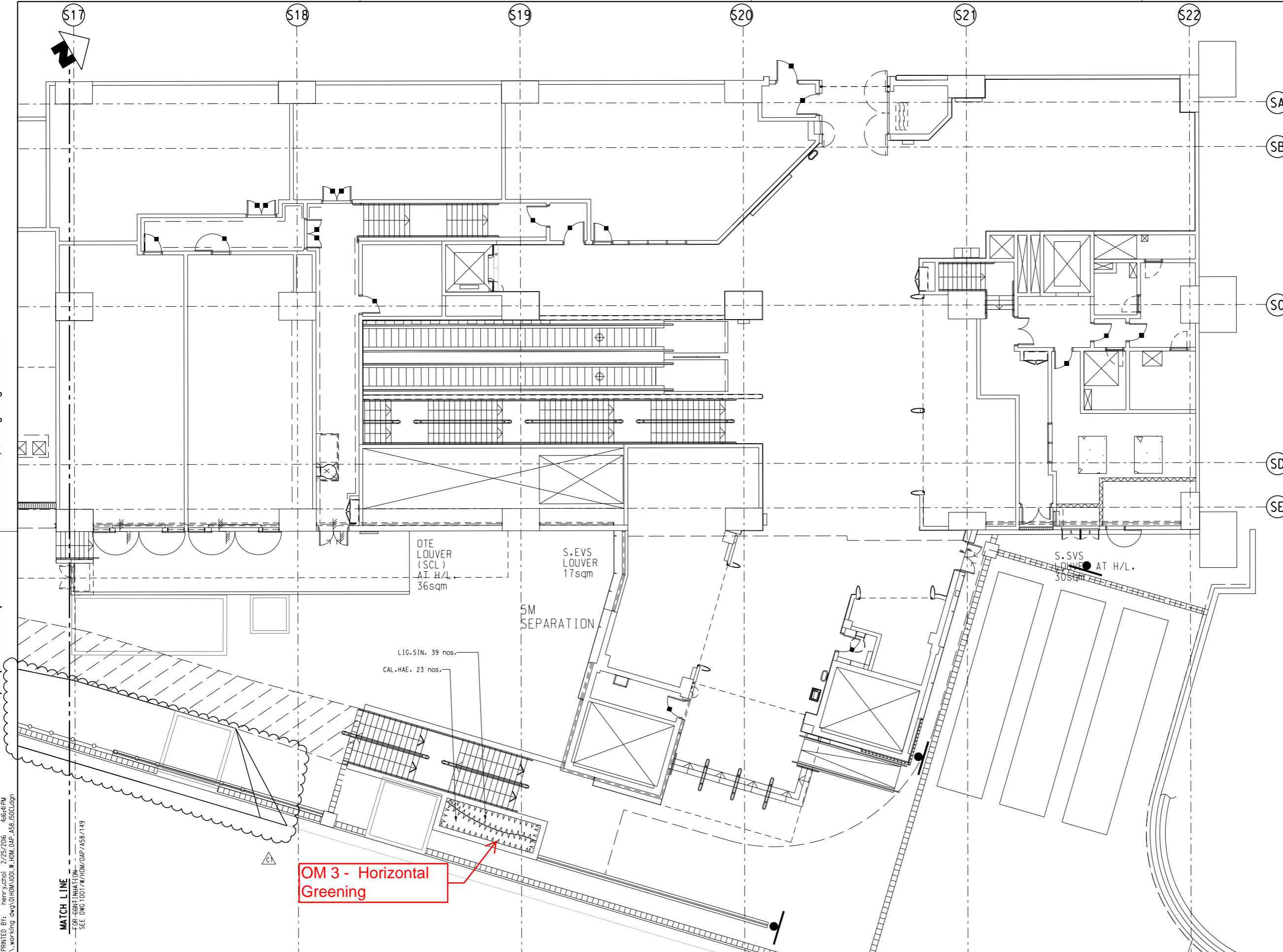
MTR
ARUP
 KWUN TONG LINE EXTENSION
 Originator: ARUP
 Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild
 CADD REF: 1001_W_HOM_OAP_A58_149C.dgn

TITLE
 CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 HO MAN TIN STATION -
 SHRUB PLANTING PLAN
 SHEET 6
 SCALE: 1 : 100 (A1)
 DRAWING NO: 1001/W/HOM/OAP/A58/149
 REV: C

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

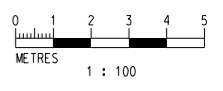
PLOT DRW: C:\Users\hlp\Private\MTR\PDF_BW_300dpi_IDA_Arch\100827.dwg
 Date PLOTTED: 27/25/2016 4:56:41 PM
 MODELNAME: K:\RUP\Landscope\working_dwg\1001\W\HOM\OAP\A58_150C.dgn
 FILENAME:

MATCH LINE
 FOR CONTINUA TION
 SEE DWG 1001/W/HOM/OAP/A58/149



OM 3 - Horizontal Greening

NOTES:
 FOR GENERAL NOTE .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
LEGENDS:
 FOR GENERAL LEGEND .
 REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C1	BACKGROUND UPDATED		25FEB16	TS					
B	BACKGROUND UPDATES		06JAN16	TS					
A	WORKING DRAWING		13MAY11	TS					

DRAWN	CC
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR
ARUP
 Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

TITLE
 CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 HO MAN TIN STATION -
 SHRUB PLANTING PLAN
 SHEET 7

SCALE 1 : 100 (A1)
 DRAWING NO. 1001/W/HOM/OAP/A58/150
 REV. C1

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

CADD REF. 1001_W_HOM_OAP_A58_150C1.dgn

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間度	Remarks 註	Quantity 數量
TREE 樹類						
ARA.EXC.	ARAUCARIA EXCELSA	南洋杉	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	3
BAU.ACU.	BAUHINIA ACUMINATA	白花洋躑甲	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	8
BAU.BLA.	BAUHINIA BLAKEANA	洋紫荊	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	40
BAU.VAR.	BAUHINIA VARIEGATA	宮粉洋躑甲	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	13
CAS.EOU.	CASUARINA EQUISETIFOLIA	木麻黃	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	26
CAS.SIA.	CASSIA SIAMEA	鐵刀木	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	6
CAS.SUR.	CASSIA SURATTENSIS	黃槐	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	5
CEL.SIN.	CELTIS SINENSIS	朴樹	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	55
DEL.REG.	DELONIX REGIA	鳳凰木	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	2
ELA.HAI.	ELAEOCARPUS HAINANENSIS	水石榕	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	5
FIC.MIC.	FICUS MICROCARPA	細葉榕	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	5
GRE.ROB.	GREVILLEA ROBUSTA	銀樺	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	17
HIB.TIL.	HIBISCUS TILIACEUS	黃槿	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	6
JUN.CHI.	JUNIPERUS CHINENSIS	龍柏	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	8
LAG.SPE.	LAGERSTROEMIA SPECIOSA	大葉紫薇	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	5
MEL.LEU.	MELALEUCA LEUCADENDRON	白千層	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	42
TER.MAN.	TERMINALIA MANTALYI	小葉欖仁樹	HE.ST.	AS SHOWN	150 mm TRUNK DIAMETER	45

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間度	Remarks 註	Quantity 數量
SHRUB 灌木類						
AGL.SPP.	AGLAONEMA SPP.	萬年青	500Hx450W	400	POTTED	1451
ALL.CAT.	ALLAMANDA CATHARTICA	軟枝黃蟬	350Hx300W	250	POTTED	807
ALL.NER.	ALLAMANDA NERIIFOLIA	硬枝黃蟬	350Hx300W	350	POTTED	42
ALP.SPE.	ALPINA SPECIOSA	鸚山蕨	400Hx300W	300	POTTED	2425
ALP.SPE.'V'	ALPINA SPECIOSA 'VARIEGATA'	花葉鸚山蕨	400Hx300W	300	POTTED	516
BOU.GLA.	BOUGAINVILLEA GLABRA	勒杜鵑	500Hx450S	400	POTTED	1170
BRJ.TOM.	BRJDELJA TOMENIOSA	上密樹	900mm HIGH	1000	POTTED	18
BRJ.TOM.	BRJDELJA TOMENIOSA	上密樹	200Hx300W	300	POTTED	1103
BRU.ACU.	BRUNFELSIA ACUMINATA	鸞尾茉莉	350Hx300W	250	POTTED	213
CAL.HAE.	CALLIANDRA HAEMATOCEPHALA	紅絨球	900Hx300W	700	POTTED	186
CAN.IND.	CANNA INDICA	美人蕉	300Hx200W	200	POTTED	3109
COD.VAR.'Y'	CODIAEUM VARIEGATUM (YELLOW)	灑金榕 (黃色)	300Hx250W	200	POTTED	2378
COR.TER.	CORDYLINA TERMINALIS	鐵樹	700Hx450W	400	POTTED	388
COR.TER.RUB.	CORDYLINA TERMINALIS 'RUBRA'	紅鐵	700Hx450W	400	POTTED	1238
DUR.REP.'GL'	DURANTA REPEN 'GOLDEN LEAVE'	金蓮翹	450H X 400W	300	POTTED	86
DUR.REP.VAR.	DURANTA REPEN 'VARIEGATA'	花葉連翹	450H X 400W	250	POTTED	261
FIC.PUM.	FICUS PUMILA	薜荔	700L	300	POTTED	258
GDR.AXI.	GORDONIA AXILLARIS	大頭茶	1000mm HIGH	1000	POTTED	11
IXO.CHI.	IXORA CHINENSIS	龍船花	350Hx300W	250	POTTED	2430
LIG.SIN.	LIGUSTRUM SINENSE	山指甲	700Hx500W	450	POTTED	185
LIG.SIN.	LIGUSTRUM SINENSE	山指甲	1200mm HIGH	1000	POTTED	57
MEL.SAN.	MELASTOMA SANGUINEUM	毛棧	700 HIGH	400	POTTED	1056
MUR.PAN.	MURRAYA PANICULATA	九里香	600Hx400W	350	POTTED	151
NER.IND.	NERIUM INDICUM	夾竹桃	1000 HIGH	1000	POTTED	13
OSM.FRA.V.	OSMANTHUS FRAGRANS VAR	四季桂桂花	900Hx500W	450	POTTED	120
PHI.SEL.	PHILODENDRON SELLOUM	春羽	500Hx600W	500	POTTED	319
PHY.EMB.	PHYLLANTHUS EMBLICA	油甘子	1000 HIGH	1000	POTTED	26
PSY.RUB.	PSYCHORTIA RUBRA	九節	700mm HIGH	400	POTTED	838
RHA.IND.	RHAPHIOLEPIS INDICA	車輪梅	700mm HIGH	400	POTTED	1110
RHO.DIM.	RHOEO DISCOLOR	蚌花	400Hx400W	300	POTTED	1145
RHO.SIM.	RHODODENDRON SIMSII.	紅杜鵑	700mm HIGH	400	POTTED	441
RHO.SPP.	RHODODENDRON SPP.	細葉杜鵑	300Hx300W	300	POTTED	215
RHO.TOM.	RHODOMYRTUS TOMENTOSA	桃金娘	500Hx400W	400	POTTED	1329
SAN.TRI.	SANSEVIERIA TRIFASCIATA	虎尾蘭	300Hx250W	300	POTTED	8912
SAN.TRI.HAH.	SANSEVIERIA TRIFASCIATA 'HAHNI'	短葉虎尾蘭	100Hx100W	100	POTTED	8267
SCH.ARB.	SCHEFFLERA ARBORICOLA	八葉木	600Hx450W	400	POTTED	599
SCH.ARB.VAR.	SCHEFFLERA ARBORICOLA VARIEGATA	花葉八葉木	600Hx450W	400	POTTED	558

Climber 爬藤						
LON.JAP.	LONICERA JAPONICA	金銀花	1000LONG	100	POTTED	387
PYR.VEN.	PYROSTEGIA VENUSTA	炮仗花	1000LONG	100	POTTED	232

Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間度	Remarks 註	Quantity 數量
GROUND COVER 地被類						
ASP.SPR.	ASPARAGUS SPRENGERI	天冬	150Hx100W	100	POTTED	12946
EPI.AUR.	EPIPREMNUM AUREUM	綠蘿	150Hx100W	100	POTTED	7385
IRE.HER.	IREGINE HERBSTII	血菟草	200Hx200W	250	POTTED	3777
LIR.SPI.	LIRIOPE SPICATA	蒲草	150Hx100W	100	POTTED	3453
MAR.LEU.ERY.	MARANTA LEUCONEURA 'ERYTHROPHYLLA'	竹芋	300Hx200W	150	POTTED	810
NEP.EXA.BOS.	NEPHROLEPIS EXALATA 'BOSTONIENSIS'	波斯頓蕨	300Hx150W	100	POTTED	17224
OPH.JAP.VAR.	OPHIPOGON JAPONICUS 'VARIEGATA'	花葉沿階草	150Hx100W	100	POTTED	16900
SYN.AUR.	SYNGONIUM AURITUM	白蝴蝶	250Hx200W	150	POTTED	3631

GRASS 草地						
ZOY.JAP.	ZOYSIA JAPONICA	台灣草	300 x 300	-	-	1600 sq.m.

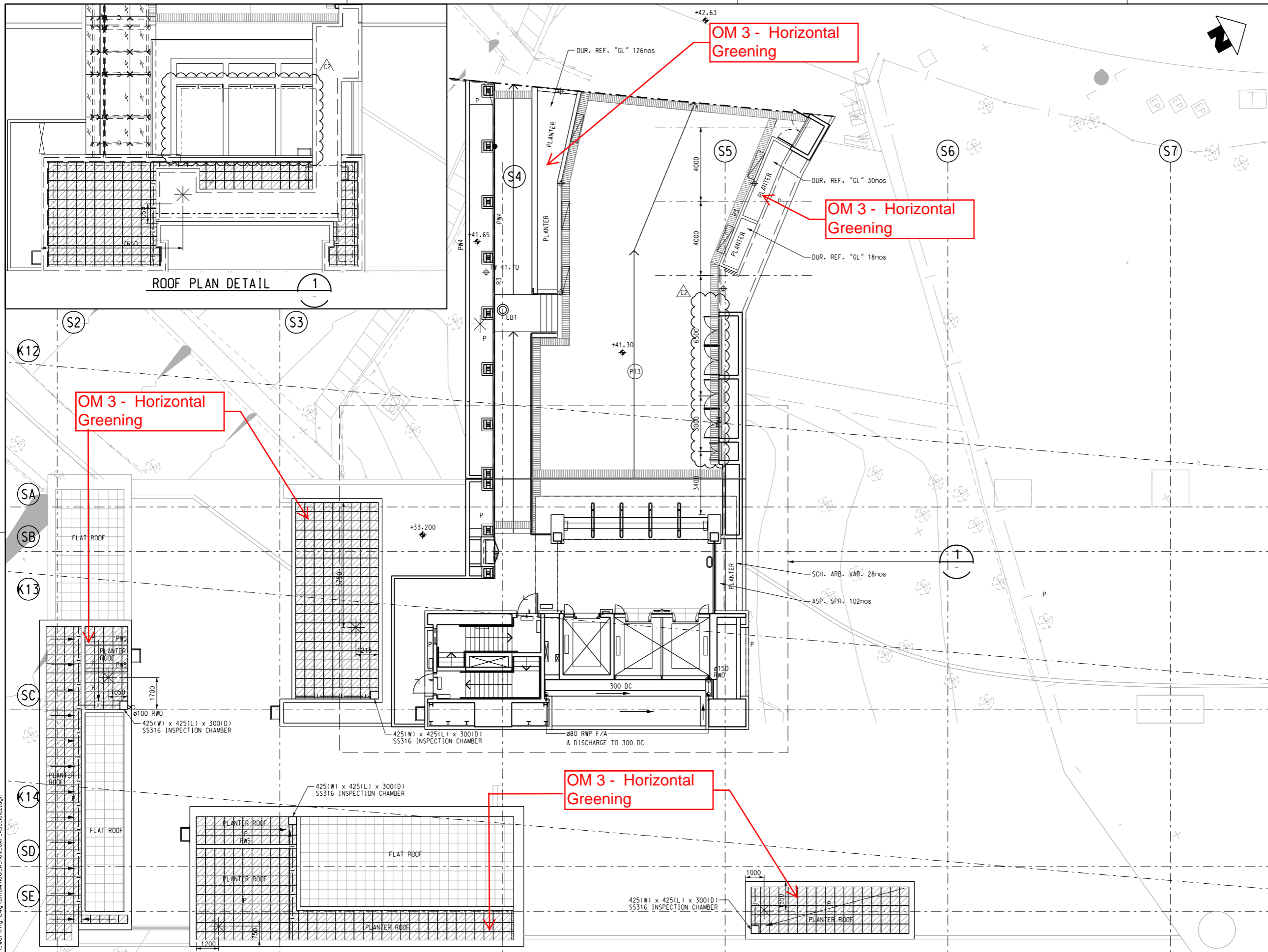
Type 種類	Botanical Name 學名	Chinese Name 中文名稱	Standard 規格	Spacing 種植間度	Remarks 註	Quantity 數量
WHIPS 樹苗						
GDR.AXI.	BAUHINIA VARIEGATA	大頭茶	15mm DIA.	700H	POTTED	591
LIT.GLU.	CINNAMOMUM BURMANII	潺槁樹	15mm DIA.	700H	POTTED	778
MAL.PAN.	GORDONIA AXILLARIS	香楸	15mm DIA.	700H	POTTED	732
MIC.PAN.	LITSEA GLUTINOSA	布渣葉	15mm DIA.	700H	POTTED	651
BAU.VAR.	BAUHINIA VARIEGATA	宮粉洋躑甲	15mm DIA.	1000	POTTED	345
CIN.BUR.	CINNAMOMUM BURMANII	藤香	15mm DIA.	1000	POTTED	345
GDR.AXI.	GORDONIA AXILLARIS	大頭茶	15mm DIA.	1000	POTTED	345
LIT.GLU.	LITSEA GLUTINOSA	潺槁樹	15mm DIA.	1000	POTTED	382
MAL.PAN.	MALLOTUS PANICULATA	白楸	15mm DIA.	1000	POTTED	382
MIC.PAN.	MICROCCOS PANICULATA	布渣葉	15mm DIA.	1000	POTTED	382
SCH.OCT.	SCHEFFLERA OCTOPHYLLA	鴨腳木	15mm DIA.	1000	POTTED	382
STE.LAN.	STERCULIA LANCEOLATA	大頭茶	15mm DIA.	1000	POTTED	345

REV	DESCRIPTION	BY	DATE	APPROVED
E1	UPDATE PLANTING SCHEDULES	HC	30MAR16	TS
D	UPDATE PLANTING SCHEDULES	KN	02DEC14	TS
C	UPDATE OF PLANTING SCHEDULES	HHW	24JAN13	TS
B	UPDATE OF PLANTING SCHEDULES	KN	11APR12	TS
A	WORKING DRAWING	KN	13MAY11	TS

REV	DESCRIPTION	BY	DATE	APPROVED
HC	30MAR16	TS		
KN	02DEC14	TS		
HHW	24JAN13	TS		
KN	11APR12	TS		
KN	13MAY11	TS		

MTR
KWUN TONG LINE EXTENSION
ARUP
 DATE: 25/MAR/2011
 ORIGINATOR: Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild
 CADD REF: 1001_W_HOM_OAP_A58_152E1.dgn

REV	DESCRIPTION	BY	DATE	APPROVED
TITLE: CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION - PLANTING PLAN - SCHEDULE				
SCALE: N.T.S.		DRAWING NO: 1001/W/HOM/OAP/A58/152		REV: E1



- NOTES**
- FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
 - TOP SOIL LEVEL FOR ALL GREEN ROOF TO BE 300mm ABOVE STRUCTURE LEVEL.
- LEGEND**
- FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102
- GREEN ROOF 500x500mm WATER STORAGE UNIT LAYOUT
 - SUB SOIL DRAIN
 - LIGHT POLE



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C2	REVISED AS PER DAMS 254	HC	XXXX	TS					
C1	BACKGROUND UPDATES	HC	25FEB16	TS					
B	IRRIGATION POINT UPDATE	HHW	24SEP14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN: CC
 DESIGNED: EL
 CHECKED: KN
 APPROVED: TS
 DATE: 25/MAR/2011
 ORIGINATOR: ARUP
 Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild

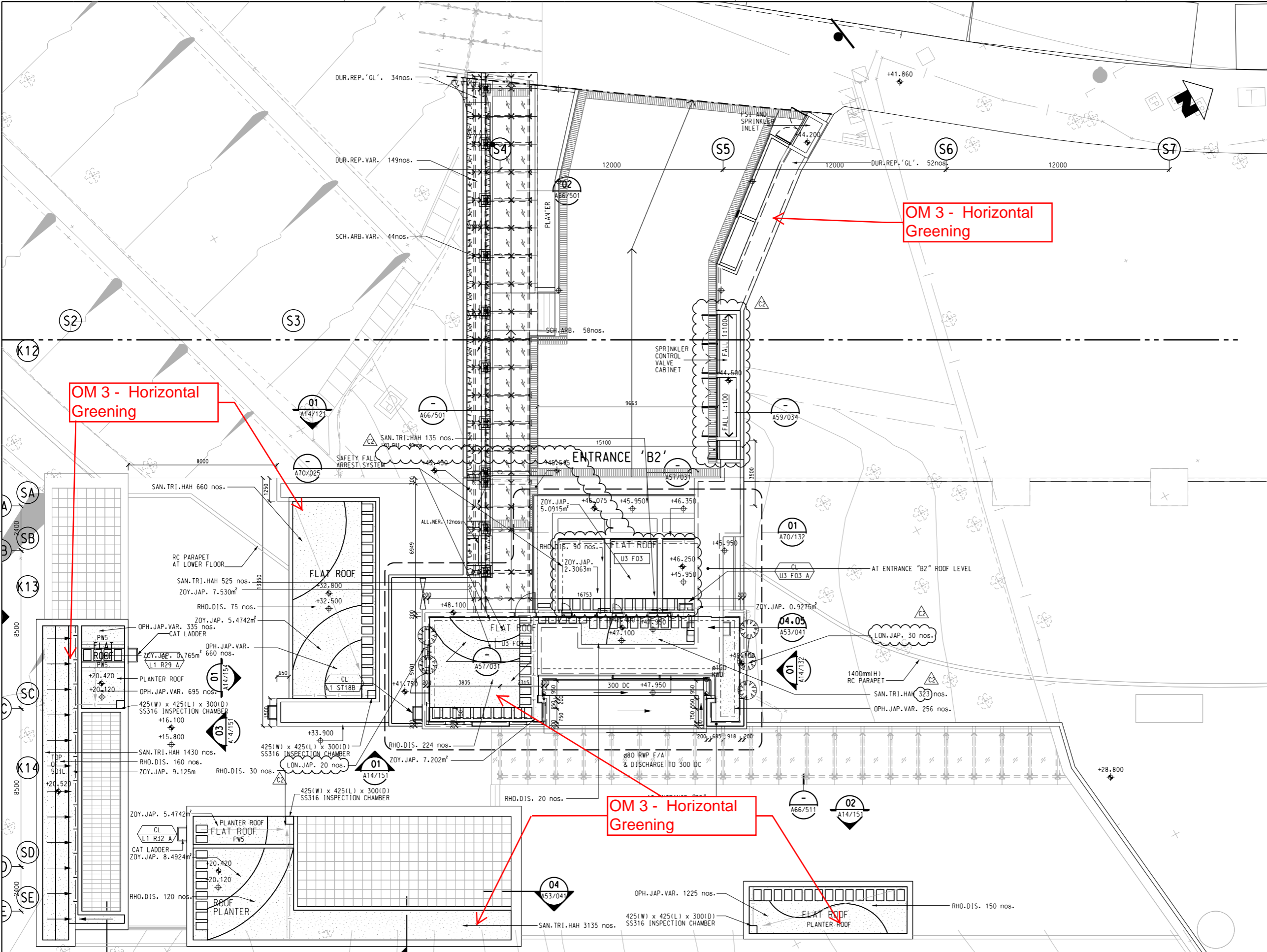
TITLE: CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 HO MAN TIN STATION -
 ENTRANCE 'B2' LANDSCAPE DETAIL PLAN

SCALE: 1 : 100 (A1)
 DRAWING NO.: 1001/W/HOM/OAP/A58/161
 REV: C2

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

PLOT DRY: C:\Users\mhi\p\drive\MTR\OAP_BW_300dpi.dwg Arch: 100827.dwg
 DATE: 3/20/2016 10:34:49 AM
 MODELNAME: MTR\OAP_BW_300dpi.dwg
 FILENAME: C:\Users\mhi\p\drive\MTR\OAP_BW_300dpi.dwg



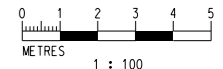
NOTE
 1. FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101.

LEGEND
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102

□ □ □ □ MAINTENANCE PATH 600x400x50mm THK CONCRETE PAVER WITH GAPS

--- SUB SOIL DRAIN

⊕ LIGHT POLE



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C2	REVISED AS PER DAMS 254	HC	XXXX	TS					
C1	BACKGROUND UPDATES	HC	25FEB16	TS					
B	GREEN ROOF UPDATE	HHW	24SEP14	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR

ARUP

KWUN TONG LINE EXTENSION

Supported by:

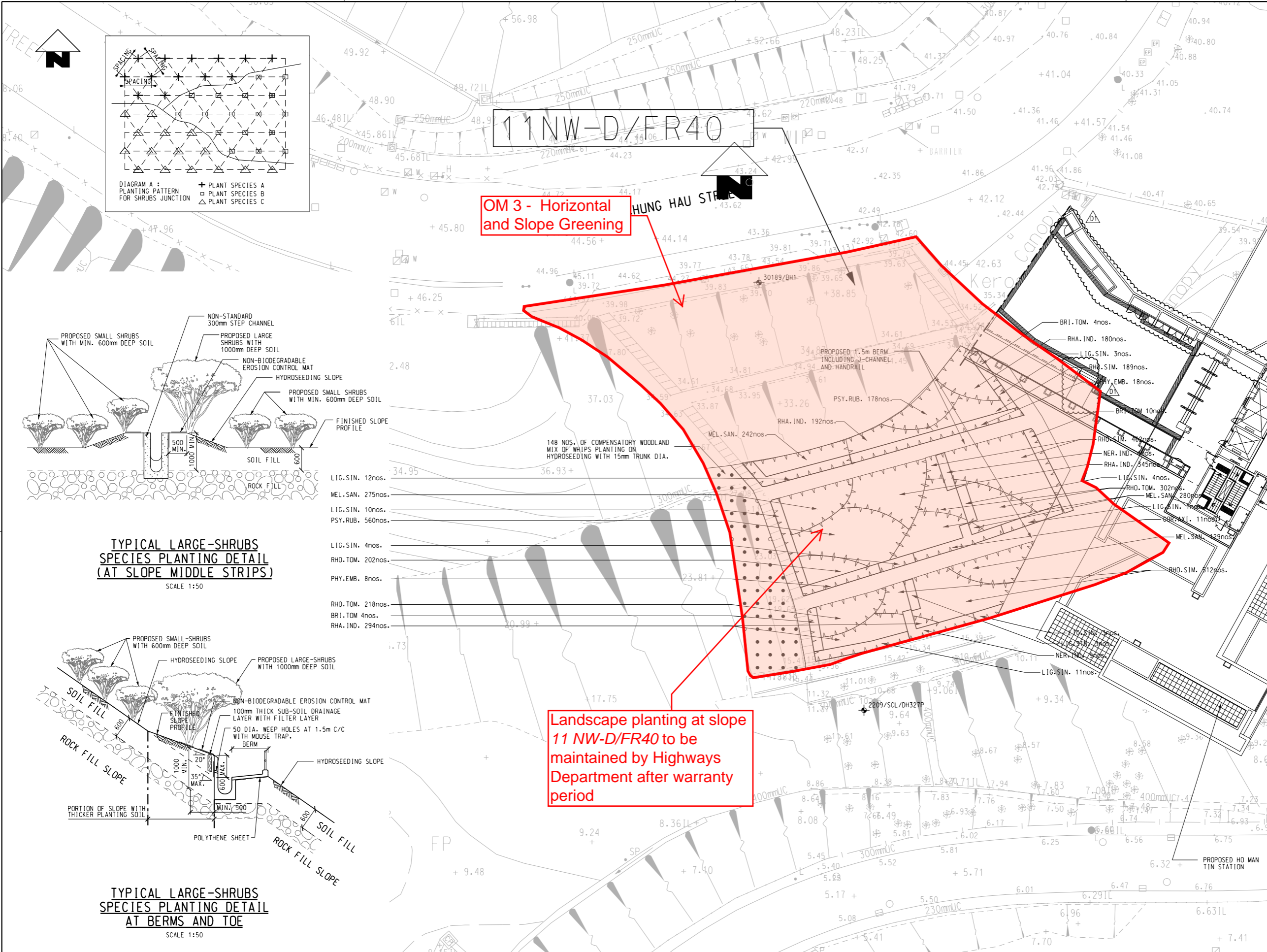
- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A58_164C2.dgn

TITLE		CONTRACT 1001	
		YMT TO WHAMPOA TUNNELS AND HOM STATION	
		HO MAN TIN STATION -	
		ENTRANCE 'B2' LANDSCAPE SHRUB PLANTING	
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1001/W/HOM/OAP/A58/164	C2	

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

PLOT DRW: C:\Users\h1p1o1r\OneDrive\MTR\PDF_BW_300dpi_IDA_Arch\100827.dwg 4/6/17 PM
 MODELNAME: K:\MTR\Landscaping\working\1001\W\HOM\OAP_A58_1661.dgn
 FILENAME:



OM 3 - Horizontal and Slope Greening

Landscape planting at slope 11 NW-D/FR40 to be maintained by Highways Department after warranty period

NOTES
 FOR GENERAL NOTE . REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
 THE COMPENSATORY WOODLAND MIX OF WHIPS WILL BE PLANTED AT 1m SPACING AND SHALL HAVE THE FOLLOWING CHARACTERISTICS:
 (a) AGED BETWEEN 2 - 3 YEARS OLD
 (b) A SINGLE CENTRAL STEM AND ELEMENTARY BRANCH SYSTEM
 (c) A WELL DEVELOPED VIGOROUS ROOT SYSTEM
 (d) A HEIGHT ABOVE SOIL LEVEL OF 600 - 1,750mm
 (e) A SOIL DEPTH OF AT LEAST 1.2m.
 THE COMPENSATORY WOODLAND MIX OF SHRUBS SHALL HAVE ALL THE FOLLOWING CHARACTERISTICS:
 (A) A SHRUB OR ROOTED CUTTING THAT HAS BEEN TRANSPLANTED WITH A BUSHY HABIT.
 (B) PRUNED TO ENCOURAGE BUSHINESS WITH A MINIMUM OF THREE, ONE YEAR OLD BRANCHED LEADING SHOOTS WELL FURNISHED TO PRODUCE A DIAMETER 2/3 OF THE HEIGHT.
 (C) A WELL-DEVELOPED, VIGOROUS ROOT SYSTEM.
 (D) MINIMUM DIMENSIONS NOT LESS THAN THAT STATED IN THE PLANT SCHEDULE.
 (E) GROWN IN A CONTAINER NOT LESS THAN 200mm IN DIAMETER AND 250mm DEEP.

LEGEND
 FOR GENERAL LEGEND . REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102

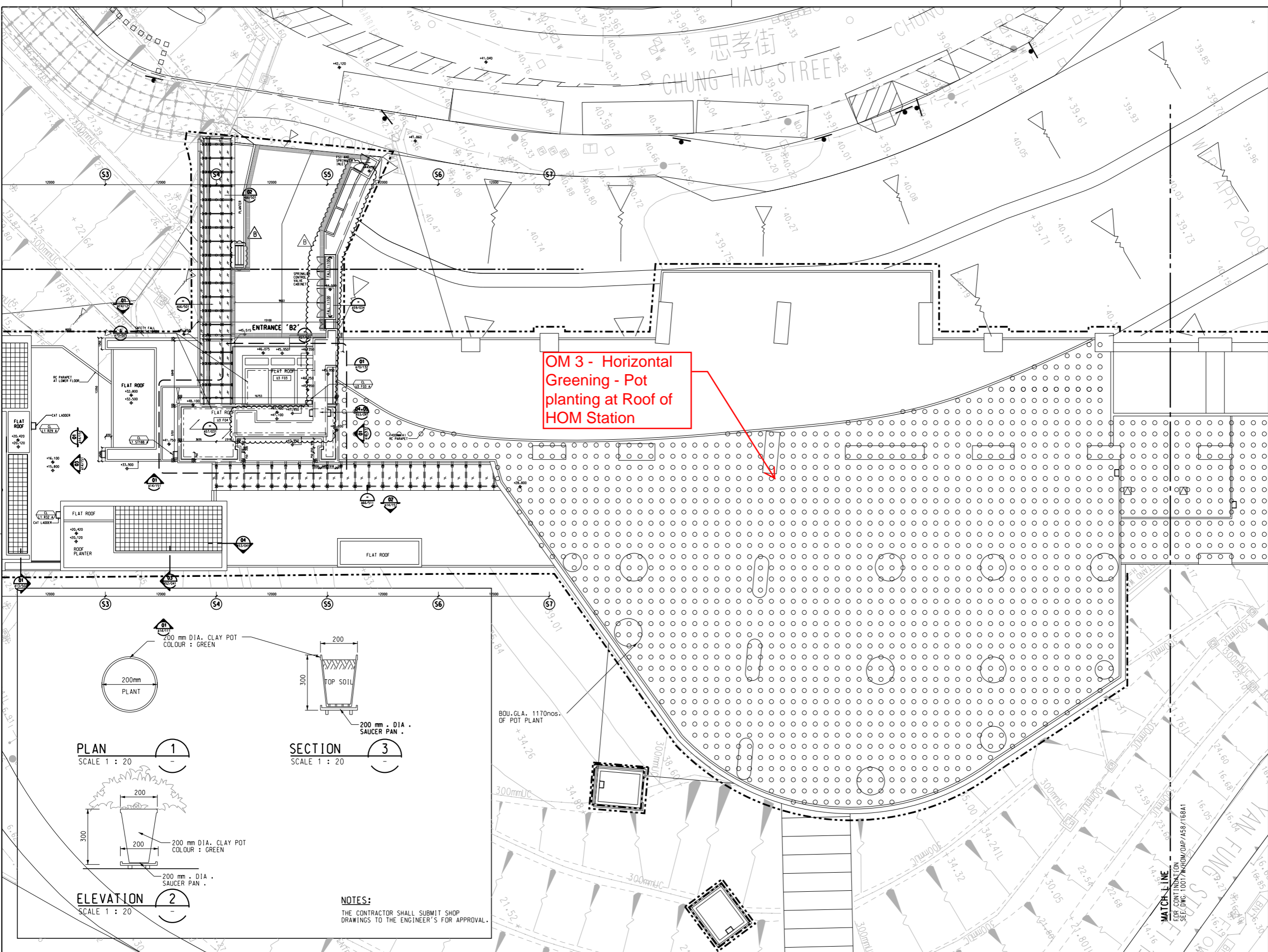
 400 JC PROPOSED 400mm J-CHANNELS (1 IN 100)
 400 SC PROPOSED 400mm STEPPED CHANNELS

ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D1	BACKGROUND UPDATED	HC	25FEB16	TS					
C	GENERAL REVISE OF COMPENSATORY PLANTING	HHW	24JAN13	TS					
B	GENERAL REVISE OF COMPENSATORY PLANTING	KN	11APR12	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN: HW
 DESIGNED: EL
 CHECKED: KN
 APPROVED: TS
 DATE: 25/MAR/2011
 ORIGINATOR: MTR
 KWUN TONG LINE EXTENSION
 Supported by:
 ARUP
 Integrated Design Associates Ltd.,
 Davis Langdon & Seah HK Ltd.,
 Kenneth Ng & Associates Ltd.,
 IntelliBuild
 CADD REF: 1001_W_HOM_OAP_A58_166D1.dgn

TITLE: CONTRACT 1001
 YMT TO WHAMPOA TUNNELS AND HOM STATION
 HO MAN TIN STATION - ENTRANCE 'B2' WHIPS TREE PLANTING PLAN
 SCALE: 1 : 200 (A1)
 DRAWING NO.: 1001/W/HOM/OAP/A58/166
 REV: D1



OM 3 - Horizontal Greening - Pot planting at Roof of HOM Station

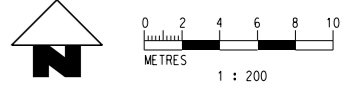
PLAN SCALE 1 : 20

SECTION SCALE 1 : 20

ELEVATION SCALE 1 : 20

NOTES:
 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER'S FOR APPROVAL.

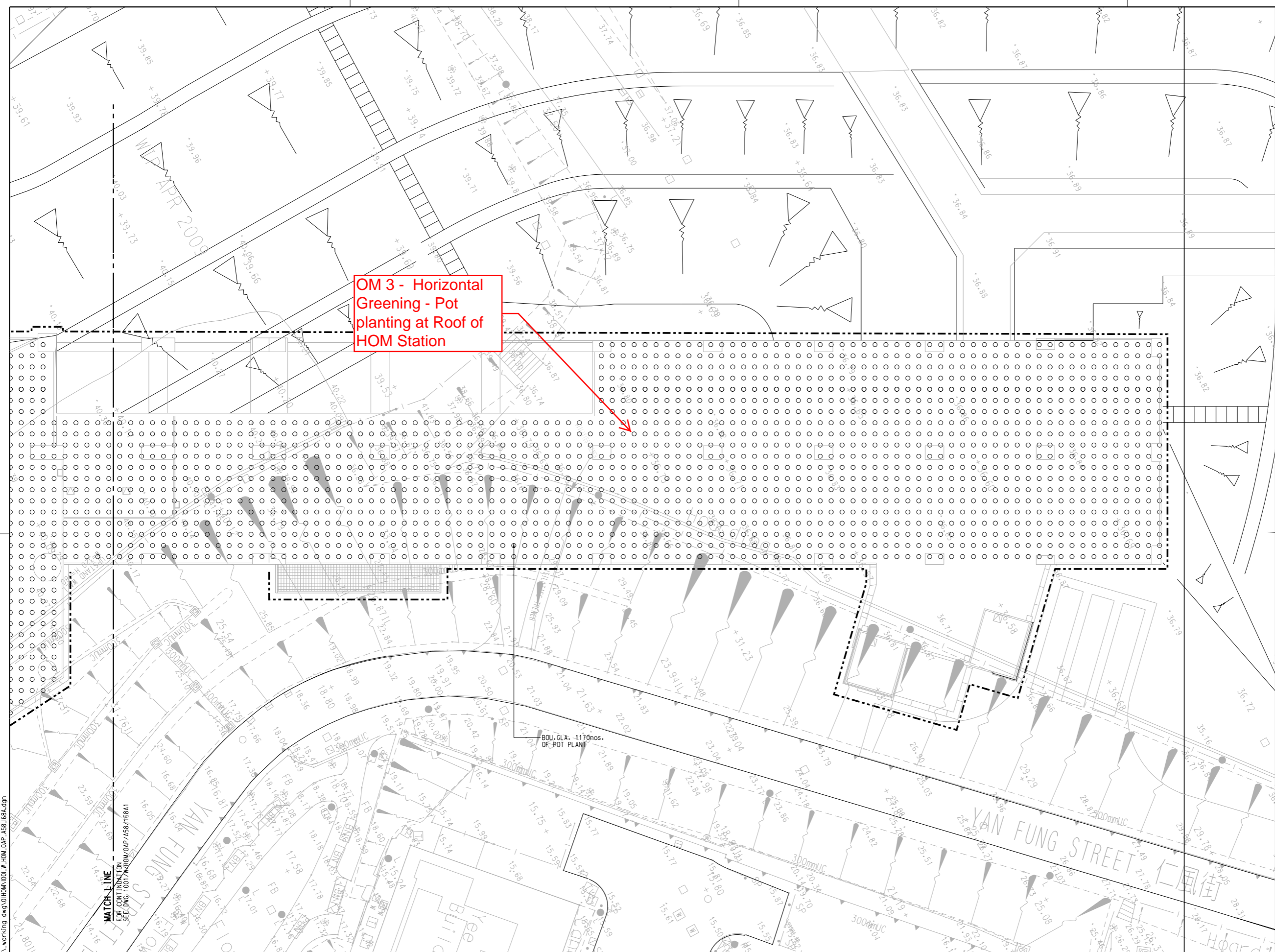
NOTES:
 FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
 LEGENDS:
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BACKGROUND UPDATED	HC	23MAR16	TS					
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	HW		KWUN TONG LINE EXTENSION Supported by: • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild
DESIGNED	EL		
CHECKED	KN		
APPROVED	TS		
DATE	25/MAR/2011	ORIGINATOR	ARUP
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.			
CADD REF.	1001_W_HOM_OAP_A58_167B.dgn		

TITLE	CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION POT PLANTING AT ROOF SHEET 1 OF 2		
SCALE	1 : 200 (A1)	DRAWING NO.	1001/W/HOM/OAP/A58/167
REV.			B



NOTES:
 FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101
LEGENDS:
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102



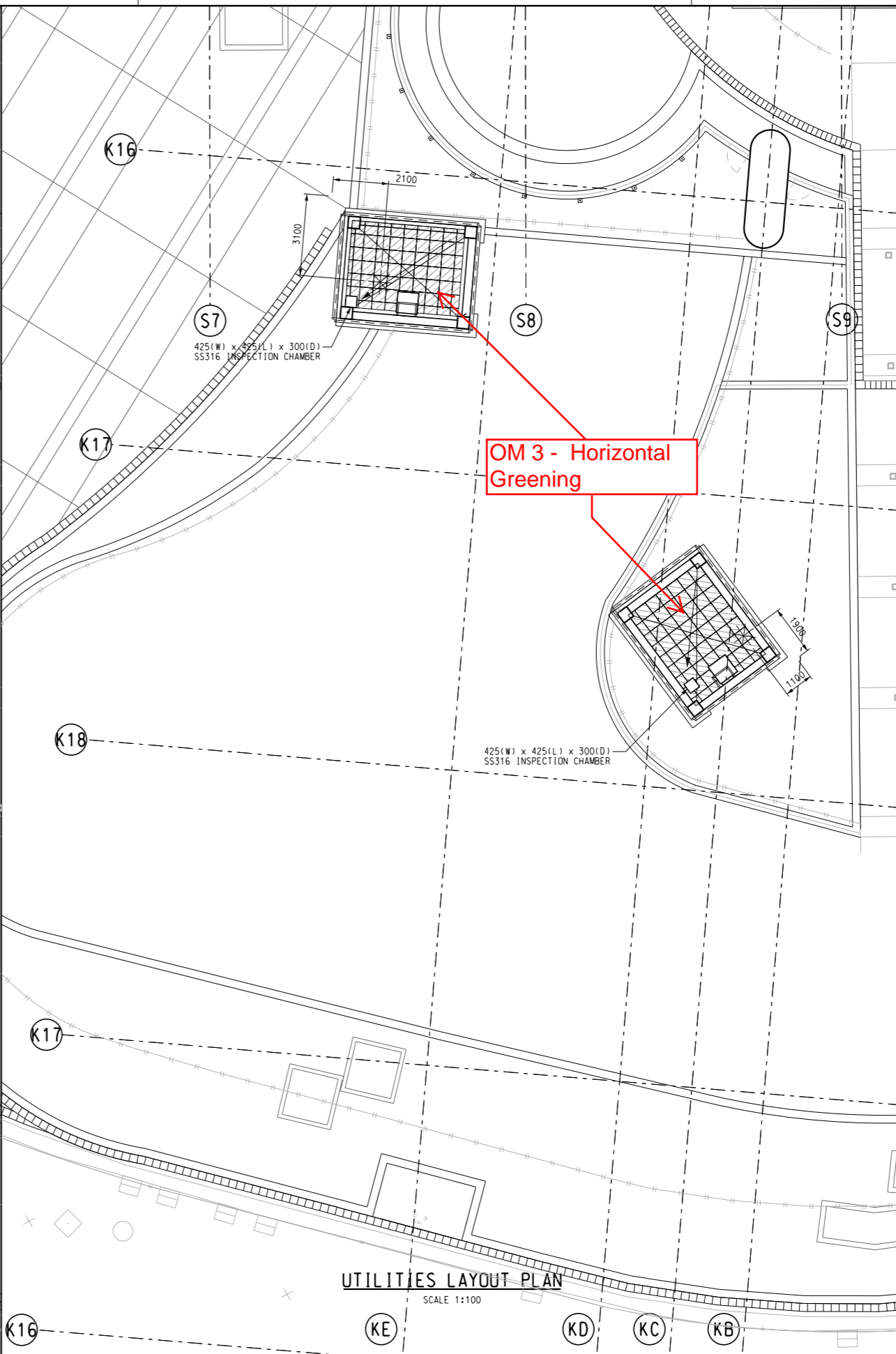
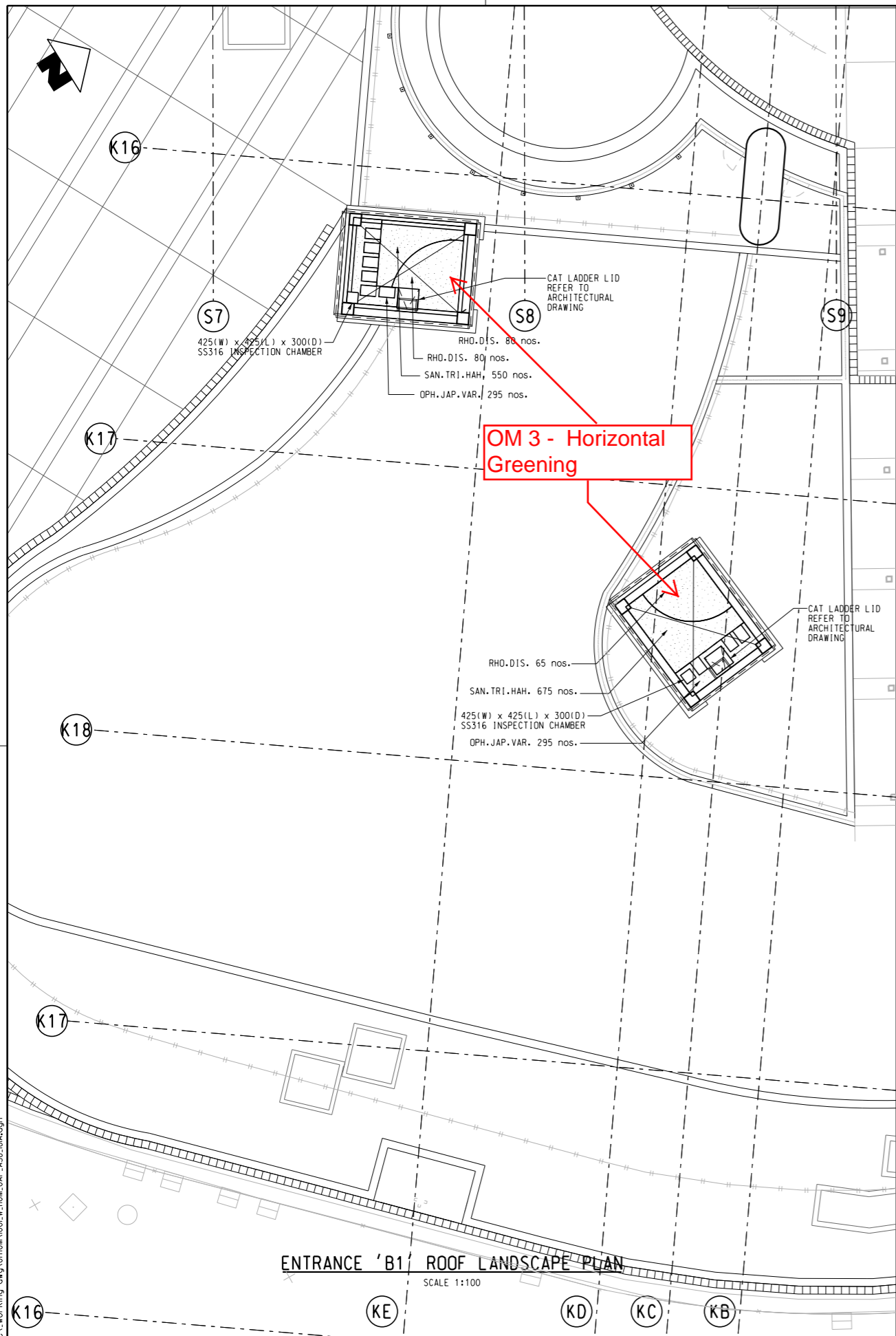
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	KN	13MAY11	TS					

DRAWN	HW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	25/MAR/2011

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR
ARUP
 CADD REF. 1001_W_HOM_OAP_A58_168A.dgn

Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

TITLE		CONTRACT 1001	
		YMT TO WHAMPOA TUNNELS AND HOM STATION	
		HO MAN TIN STATION -	
		POT PLANTING AT ROOF	
		(SHEET 2 OF 2)	
SCALE	DRAWING NO.	REV.	
1 : 200 (A1)	1001/W/HOM/OAP/A58/168	A	



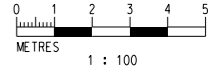
NOTES

- FOR GENERAL NOTE, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/101.
- TOP SOIL LEVEL FOR ALL GREEN ROOF TO BE 300mm ABOVE STRUCTURE LEVEL.
- SOIL DEPTH 150mm IS ALLOWED FOR NEW GENERATION GREEN ROOF.

LEGEND

FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/HOM/OAP/A58/102

- MAINTENANCE PATH 600x400x50mm THK CONCRETE PAVER WITH GAPS
- GREEN ROOF 500x500mm WATER STORAGE UNIT LAYOUT



REV	DESCRIPTION	BY	DATE	APPROVED
A	GREEN ROOF UPDATE	HHW	07OCT14	TS

DRAWN	HHW
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	19/JUN/2014

MTR

ARUP

ORIGINATOR: **ARUP**

Supported by:

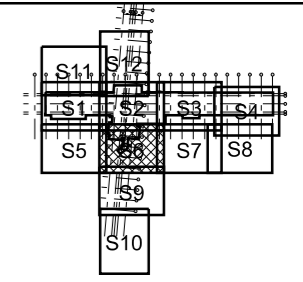
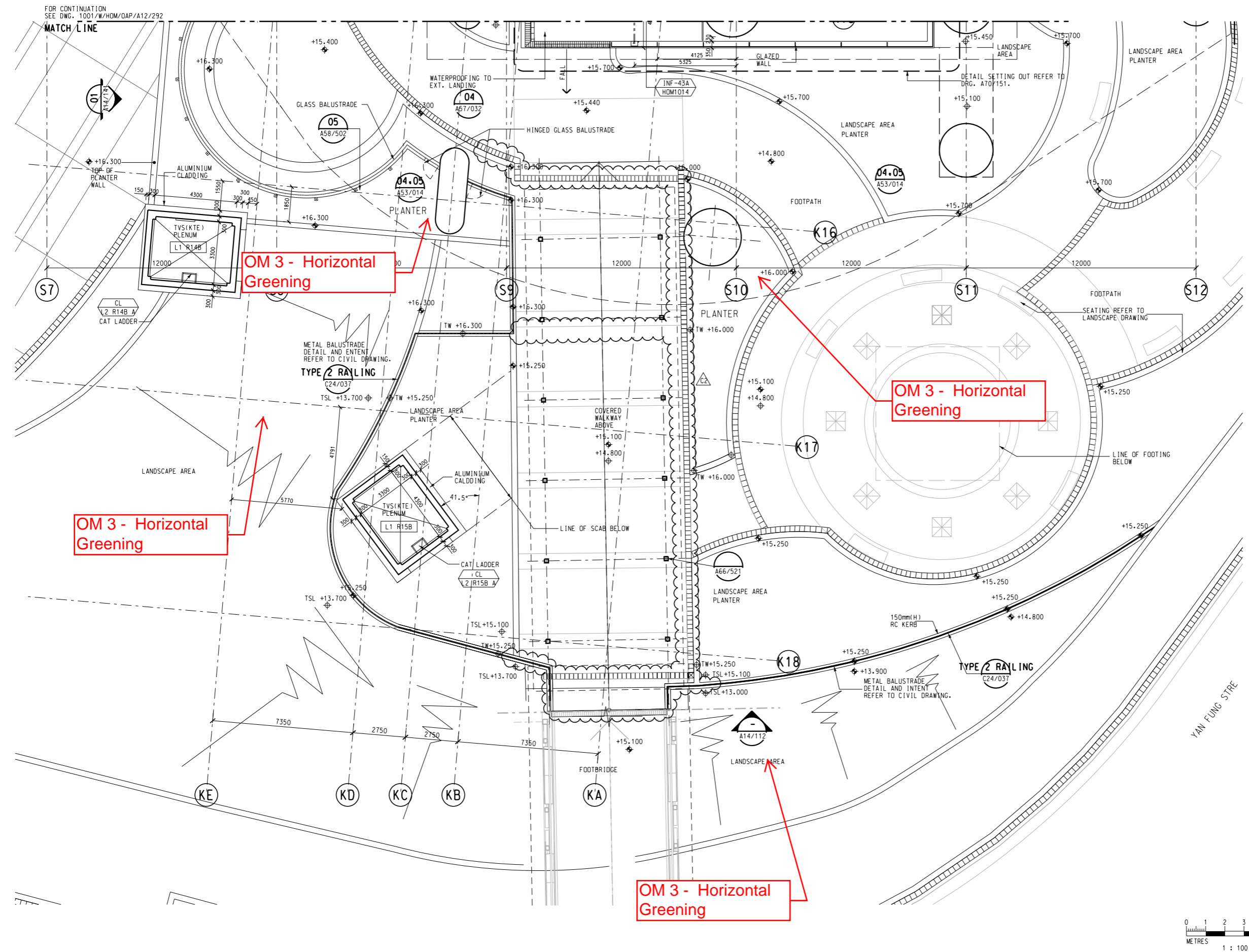
- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF.: 1001_W_HOM_OAP_A58_181A.dgn

TITLE	SCALE	DRAWING NO.	REV.
CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION - ENTRANCE 'B1' ROOF LANDSCAPE PLAN	1 : 100 (A1)	1001/W/HOM/OAP/A58/181	A

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

PLOT DRW: C:\Users\hlp\Private\MTR\PDF_BW_300dpi_IDA_Arch\100827.dwg
 MTR-AL: MTR-AL: Henry.choi - 3/27/2016 10:35:50 AM
 MODELNAME: K:\MTR\Arch\IDA_AZ_CA\1001_W_HOM_OAP_A12_296C.DGN



KEY LOCATION PLAN

- NOTE:
1. PLANTER WALL LEVEL REFER TO LANDSCAPE DRAWING.
 2. LANDSCAPE AREA PODIUM DECK FINISHES AND FINISH LEVEL REFER TO LANDSCAPE DRAWING.
- FALL RESTRAINT ANCHOR POINT 2000 CRS MAX

OM 3 - Horizontal Greening

OM 3 - Horizontal Greening

OM 3 - Horizontal Greening

OM 3 - Horizontal Greening



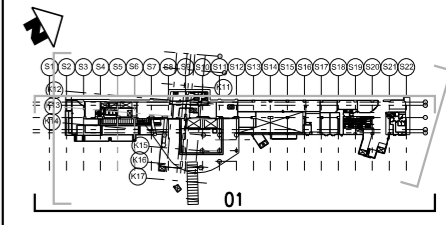
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C2	REVISED AS PER DAS 254	HC	XXXX	TS					
C1	ELEVATION MARKS ADDED, BACKGROUND UPDATED	HC	04DEC15	TS					
B	KERB OMITTED	ML	06DEC13	TS					
A	WORKING DRAWING	PJC	13MAY11	TS					

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR: **ARUP**
 DATE: 25/MAR/2011
 Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild
 CADD REF: 1001_W_HOM_OAP_A12_296C.DGN

TITLE: **CONTRACT 1001**
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION
ENTRANCE 'B' LEVEL PLAN (L1)
(ZONE S6)
 SCALE: 1 : 100 (A1)
 DRAWING NO.: 1001/W/HOM/OAP/A12/296
 REV: C2

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

PLOT DIR: C:\Users\hlp\p\drive\MTR\PDF_BW_300dpi_IDA_Arch\100627.dwg
 MODELNAME: 1001/W/HOM/OAP/A14/001
 FILENAME: C:\Users\hlp\p\drive\MTR\PDF_BW_300dpi_IDA_Arch\100627.dwg
 DATE: 25/3/2016 14:55:58
 PRINTED BY: hlp

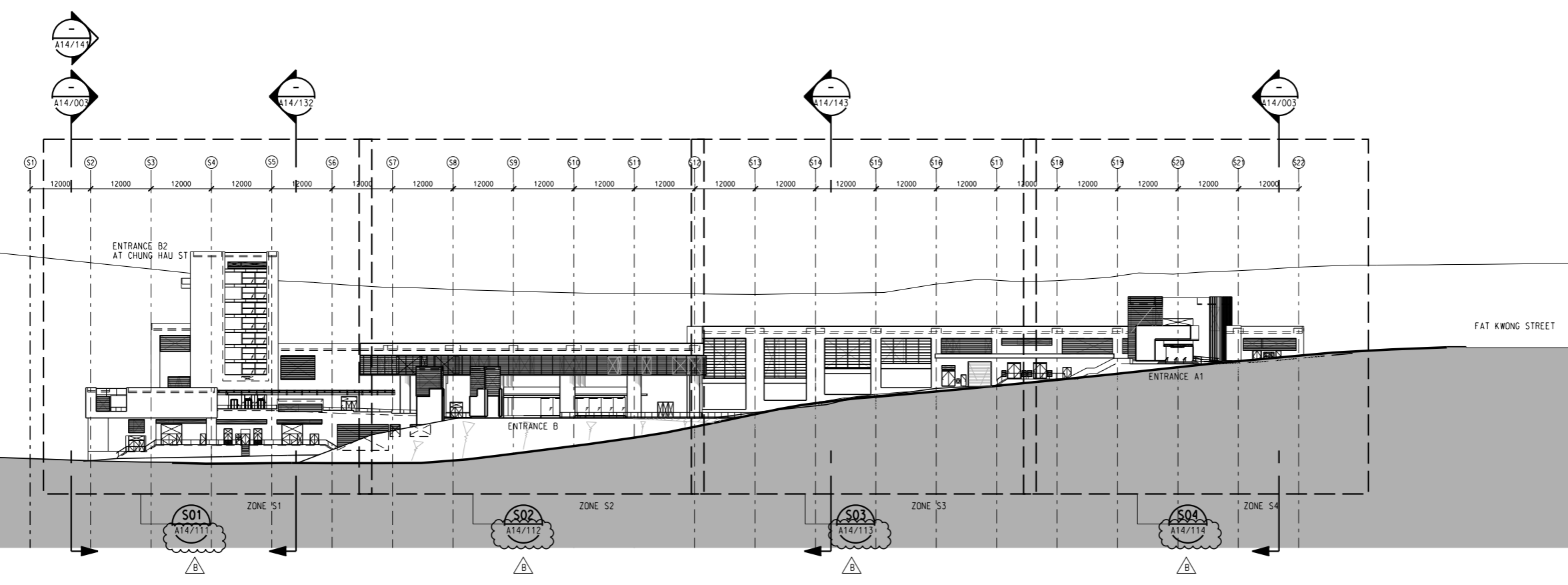


KEY LOCATION PLAN

- NOTES:**
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE M1A
- vvv TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A51/041
- /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- /// TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
- ||| TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
- ||| TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
- ||| TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- ||| TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- TYPE T1A/T1B MOVEMENT JOINT



01 SOUTHEAST ELEVATION

SCALE 1:500

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	ANNOTATIONS UPDATED		25AUG14	TS	ML				
A	WORKING DRAWING		13MAY11	TS	PJC				

DRAWN	PN
DESIGNED	AL
CHECKED	PJC
APPROVED	TS
DATE	25/MAR/2011

MTR

ORIGINATOR **ARUP**

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A14_001B.DGN

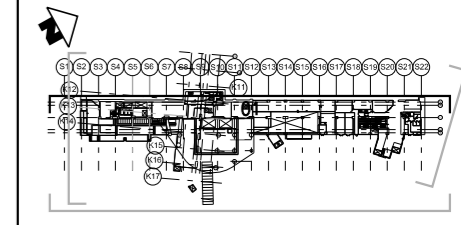
TITLE

CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HOM TIN STATION
SOUTHEAST EXTERNAL ELEVATION

SCALE 1 : 500 (A1)

DRAWING NO. 1001/W/HOM/OAP/A14/001

REV. B

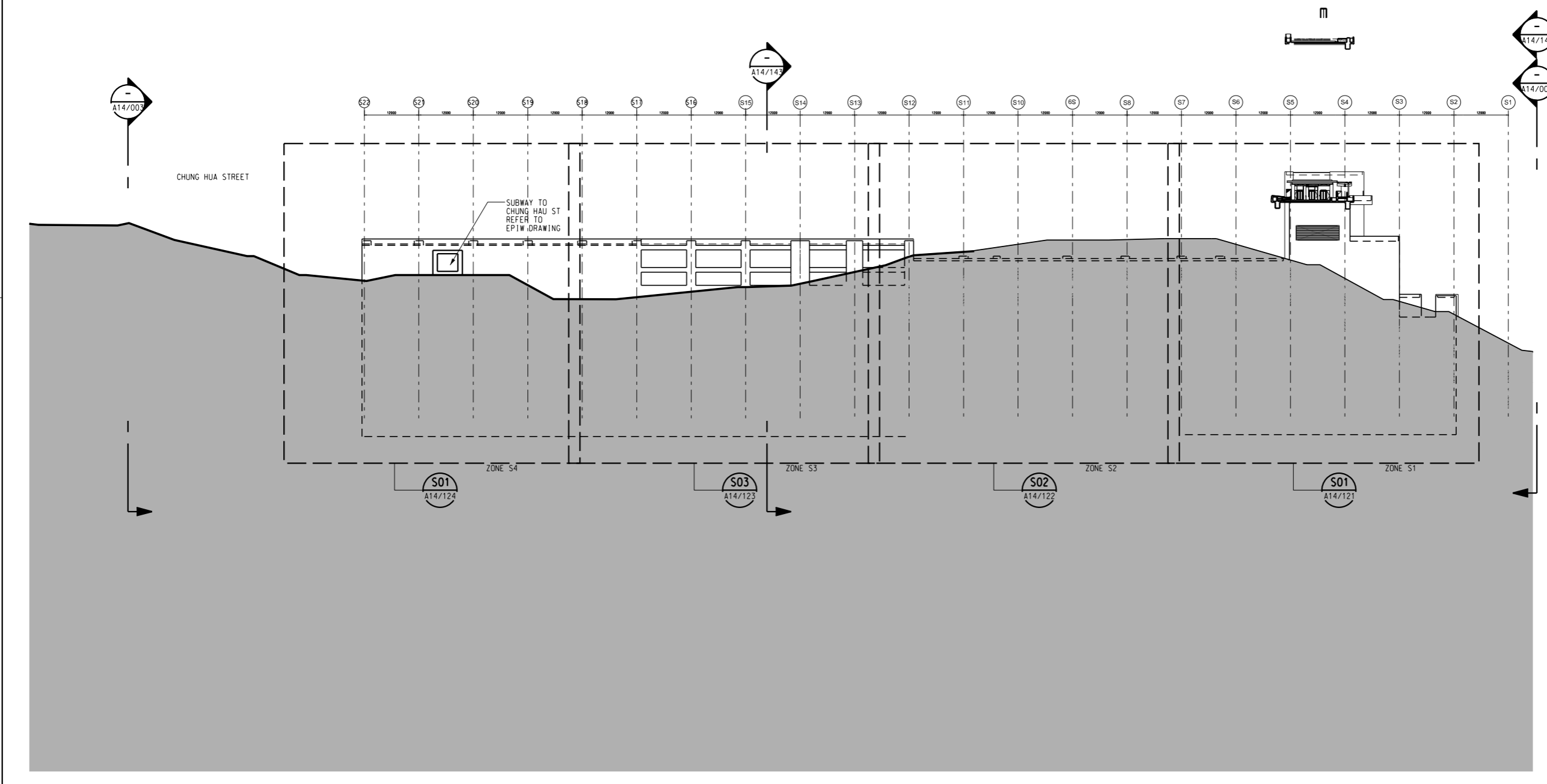


KEY LOCATION PLAN

- NOTES:**
1. REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 2. FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
 - xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
 - ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
 - vvv TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
 - / / / TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
 - \\ \\ \\ TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
 - □ □ TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
 - □ □ TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
 - |-|-|- TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - |-|-|- TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - ||||| TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
 - ||||| TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
 - ▨ ▨ ▨ TYPE S1 - EXTERNAL STONEWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- TYPE T1A/T1B MOVEMENT JOINT



01 NORTH WEST EXTERNAL ELEVATIONS

SCALE 1:500

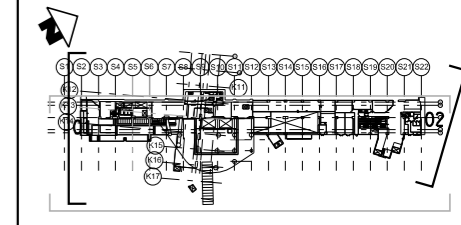
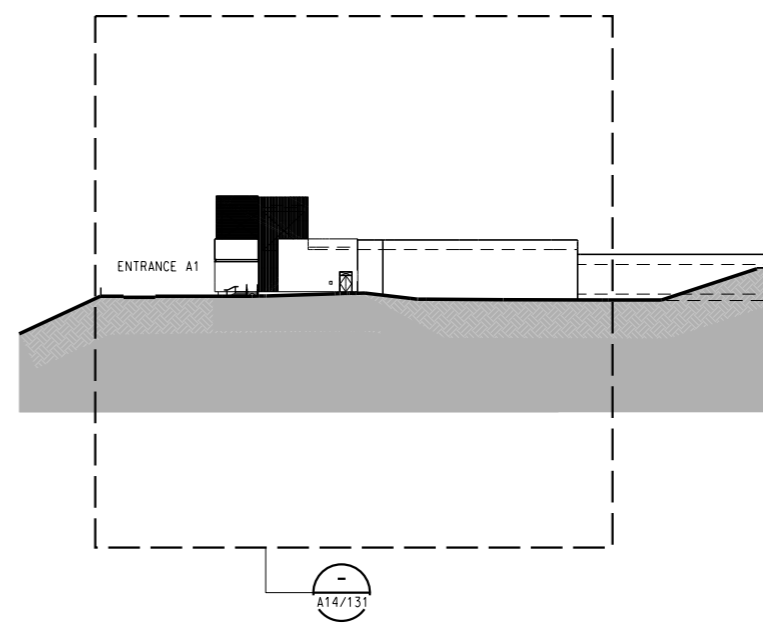
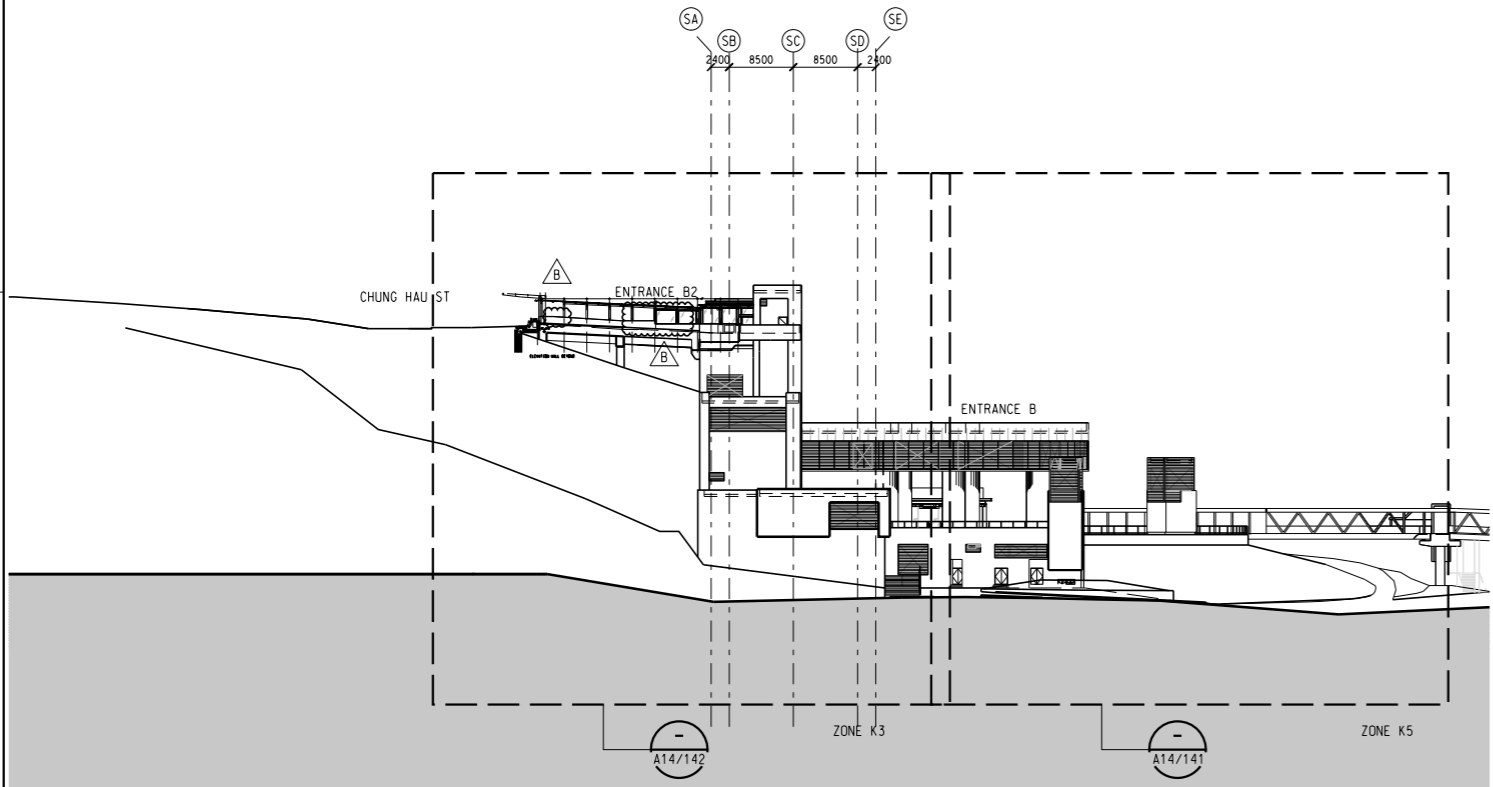
REV	DESCRIPTION	BY	DATE	APPROVED	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	PJC	13MAY11	TS				

DRAWN PN	DESIGNED AL	 MTR	KWUN TONG LINE EXTENSION	ORIGINATOR	Supported by: <ul style="list-style-type: none"> • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild 		
CHECKED PJC	APPROVED TS			 ARUP			
DATE 25/MAR/2011	CADD REF. 1001_W_HOM_OAP_A14_002A.DGN						
TITLE CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION NORTHWEST EXTERNAL ELEVATION					SCALE 1 : 500 (A1)	DRAWING NO. 1001/W/HOM/OAP/A14/002	REV. A

DRAWN	PN
DESIGNED	AL
CHECKED	PJC
APPROVED	TS
DATE	25/MAR/2011

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

PLOT DIR: C:\Users\mhi\p\drive\MTR\PDF-BW_300dpi_IDA_Arch\100627.dwg
 MODELNAME: H:\mty\2101_3\3\2016_45559.dwg
 FILENAME: C:\Users\henry.chen\Desktop\141_LANDSCAPE\Workspace\Projects\141_LANDSCAPE\141_003B.DGN



KEY LOCATION PLAN

- NOTES:**
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
- ▼▼▼ TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A51/041
- /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- /// TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
- ≡≡≡ TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
- ≡≡≡ TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
- ≡≡≡ TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- ≡≡≡ TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- ▨ TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- - - TYPE T1A/T1B MOVEMENT JOINT

01 SOUTHWEST ELEVATION

SCALE 1:500 02 NORTHEAST ELEVATION

SCALE 1:500

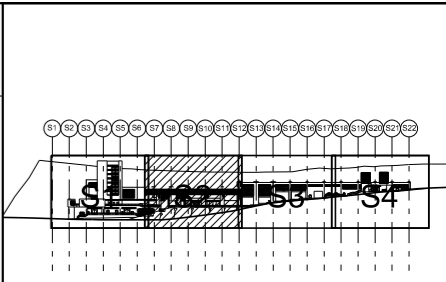
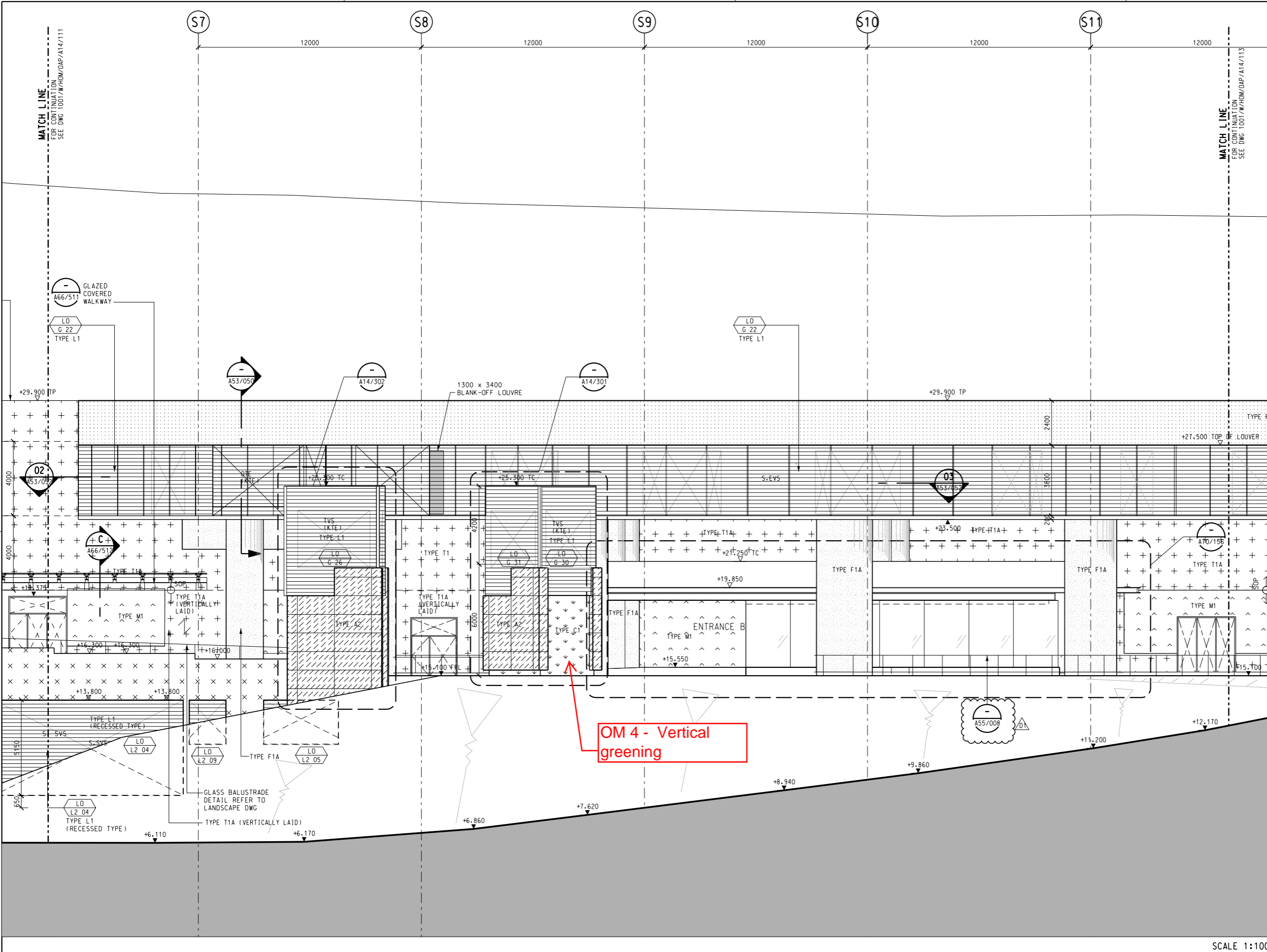
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS					
A	WORKING DRAWING	PJC	13MAY11	TS					

DRAWN	PN		ARUP
DESIGNED	AL		
CHECKED	PJC		
APPROVED	TS		
DATE	25/MAR/2011	ORIGINATOR	Supported by:
<small>DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.</small>		Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild	
CADD REF.	1001_W_HOM_OAP_A14_003B.DGN		

TITLE CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION NORTHEAST AND SOUTHWEST EXTERNAL ELEVATION		SCALE 1 : 500 (A1)	DRAWING NO. 1001/W/HOM/OAP/A14/003	REV. B
--	--	-----------------------	---------------------------------------	-----------

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

C:\Users\mhi\Pictive\MTR\PDF_BW_300dpi_IDA_Arch\100627.dwg #45552 AM
 Default HP:\p\p\3/3/2016
 C:\Users\henry.chen\Desktop\MTR_LANDSCAPE\Workspace\Project\1001_W_HOM_OAP_A14\112.DGN



NOTES:

- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
- FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE M1A
- vvv TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T1) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
- /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- \\ TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- ▒ TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- ▒ TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
- || TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- || TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- TYPE S1 - EXTERNAL STONEWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- - - TYPE T1A/T1B MOVEMENT JOINT

SCALE 1:100

ADVANCE CHECK PRINT

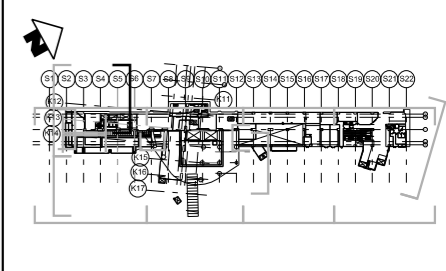
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D1	DETAIL REFERENCES ADDED	ML	03MAR16	TS					
C	REVISED EXTERNAL FINISHES	ML	23JUN15	TS					
B	LOUVRES REVISED, Dams/1001/A/0009 INCORPORATED	ML	25AUG14	TS					
A	WORKING DRAWING	PJC	13MAY11	TS					

DRAWN PN
DESIGNED AL
CHECKED PJC
APPROVED TS
DATE 25/MAR/2011
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
© MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

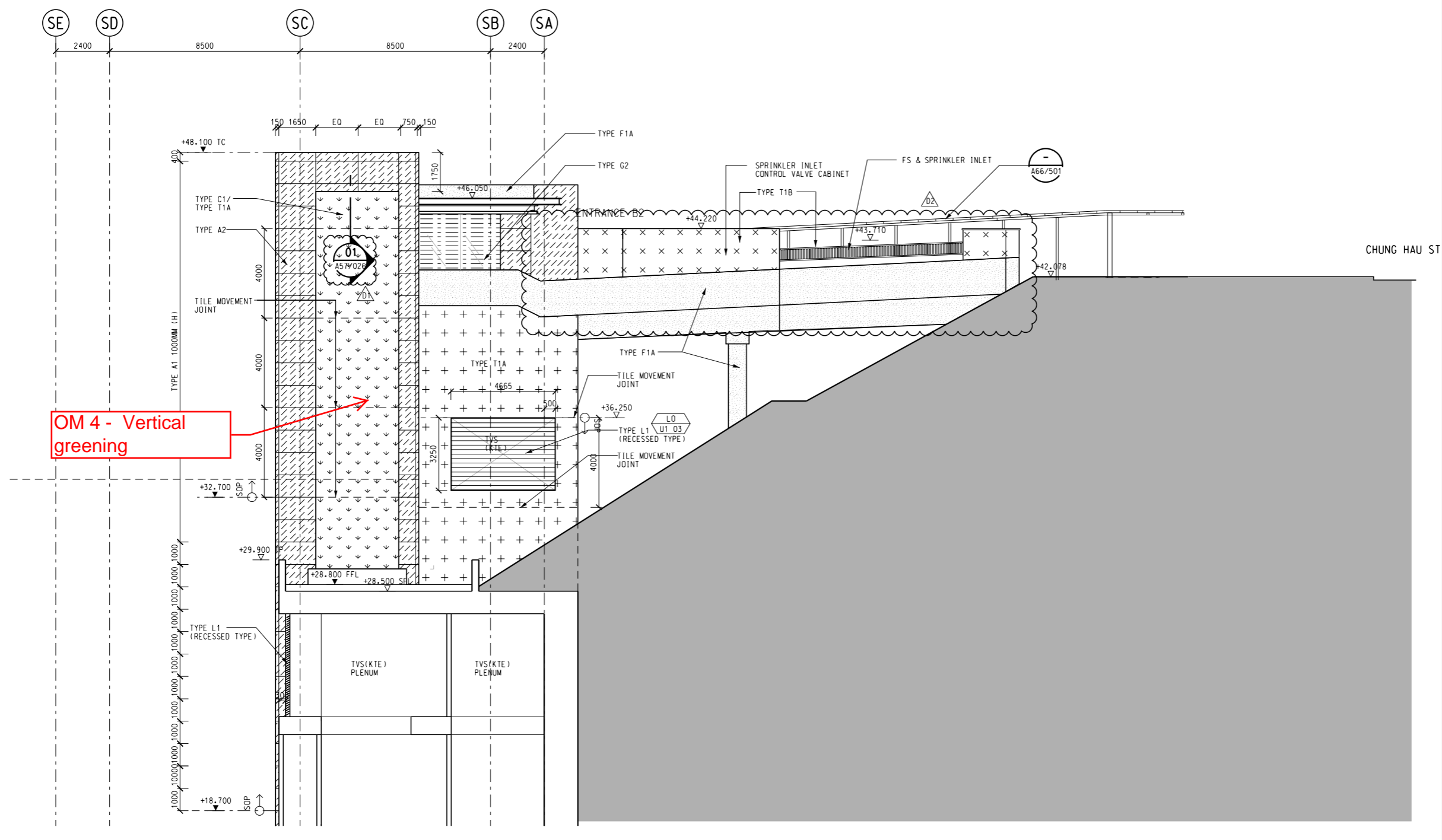
MTR
KWUN TONG LINE EXTENSION
ORIGINATOR ARUP
Supported by:
• Integrated Design Associates Ltd.,
• Davis Langdon & Seah HK Ltd.,
• Kenneth Ng & Associates Ltd.,
• IntelliBuild

TITLE
CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION
SOUTHEAST EXTERNAL ELEVATION - ZONE S2

SCALE 1:100 (A1) DRAWING NO. 1001/W/HOM/OAP/A14/112 REV. D1



KEY LOCATION PLAN



OM 4 - Vertical greening

CHUNG HAU ST

01 NORTHEAST EXTERNAL ELEVATION - AT GL S6

SCALE 1:100

ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D2	DAMS 256 INCORPORATED	HC	03MAR16	TS	DRAWN	PN			
D1	DETAIL MARK REVISED	ML	26FEB16	TS	DESIGNED	AL			
C	LOUVRE MARK ADDED	ML	25AUG14	TS	CHECKED	PJC			
B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS	APPROVED	TS			
A	WORKING DRAWING	PJC	13MAY11	TS	DATE	25/MAR/2011			

MTR

ARUP

ORIGINATOR: **ARUP**

Supported by:

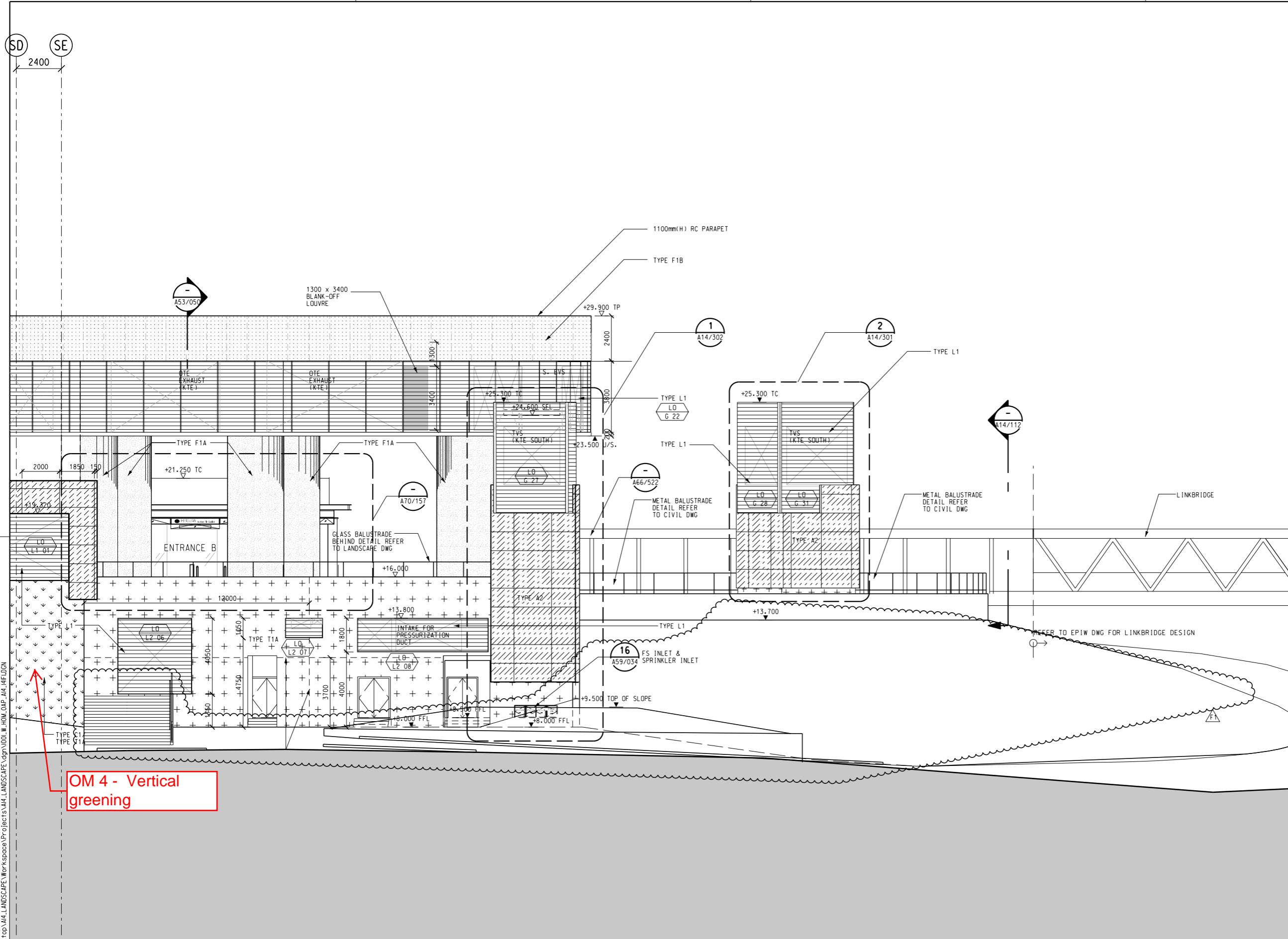
- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. 1001_W_HOM_OAP_A14_132D2.DGN

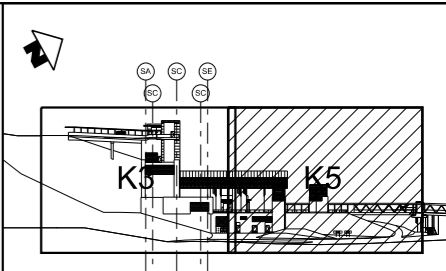
TITLE		CONTRACT 1001	
YMT TO WHAMPOA TUNNELS AND HOM STATION		HO MAN TIN STATION	
NORTHEAST EXTERNAL ELEVATION - AT GL S6			
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1001/W/HOM/OAP/A14/132	D2	

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

C:\Users\mhi\p\drive\MTR\PDF-BW_300dpi\104_Arch\100627.dwg 14/5/2016 14:55:26 AM
 PLOT DRW: Default
 MODELNAME: C:\Users\henry.chen\Desktop\104_ARCH\LANDSCAPE\Workspace\Project\104_ARCH\LANDSCAPE.dgn
 FILENAME: 104_ARCH\LANDSCAPE.dgn



OM 4 - Vertical greening



KEY LOCATION PLAN

- NOTES:**
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

- LEGEND OF EXTERNAL FINISHES**
- TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
 - TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
 - TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W11A
 - TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A51/041
 - TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
 - TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
 - TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
 - TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
 - TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
 - TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
 - TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
 - TYPE T1A/T1B MOVEMENT JOINT

01 SOUTHWEST EXTERNAL ELEVATIONS - ZONE K1

SCALE 1:100

ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
F1	FINISH DESCRIPTION REVISED, BANK PROFILE MODIFIED, ELEVATION UPDATES	ML	03MAR16	TS	A	WORKING DRAWING	PJC	13MAY11	TS
B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS	B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS
C	LOUVRES REVISED, DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS	C	LOUVRES REVISED, DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS
D	CLARIFICATION OF DIMENSIONS	ML	23JUN15	TS	D	CLARIFICATION OF DIMENSIONS	ML	23JUN15	TS
E	FS INLET RELOCATED	HC	08OCT15	TS	E	FS INLET RELOCATED	HC	08OCT15	TS

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **ARUP**

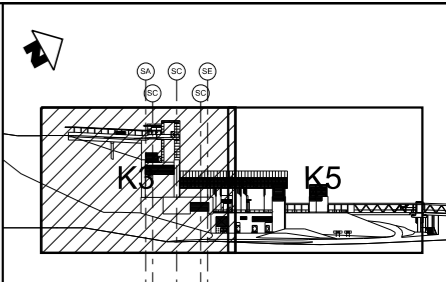
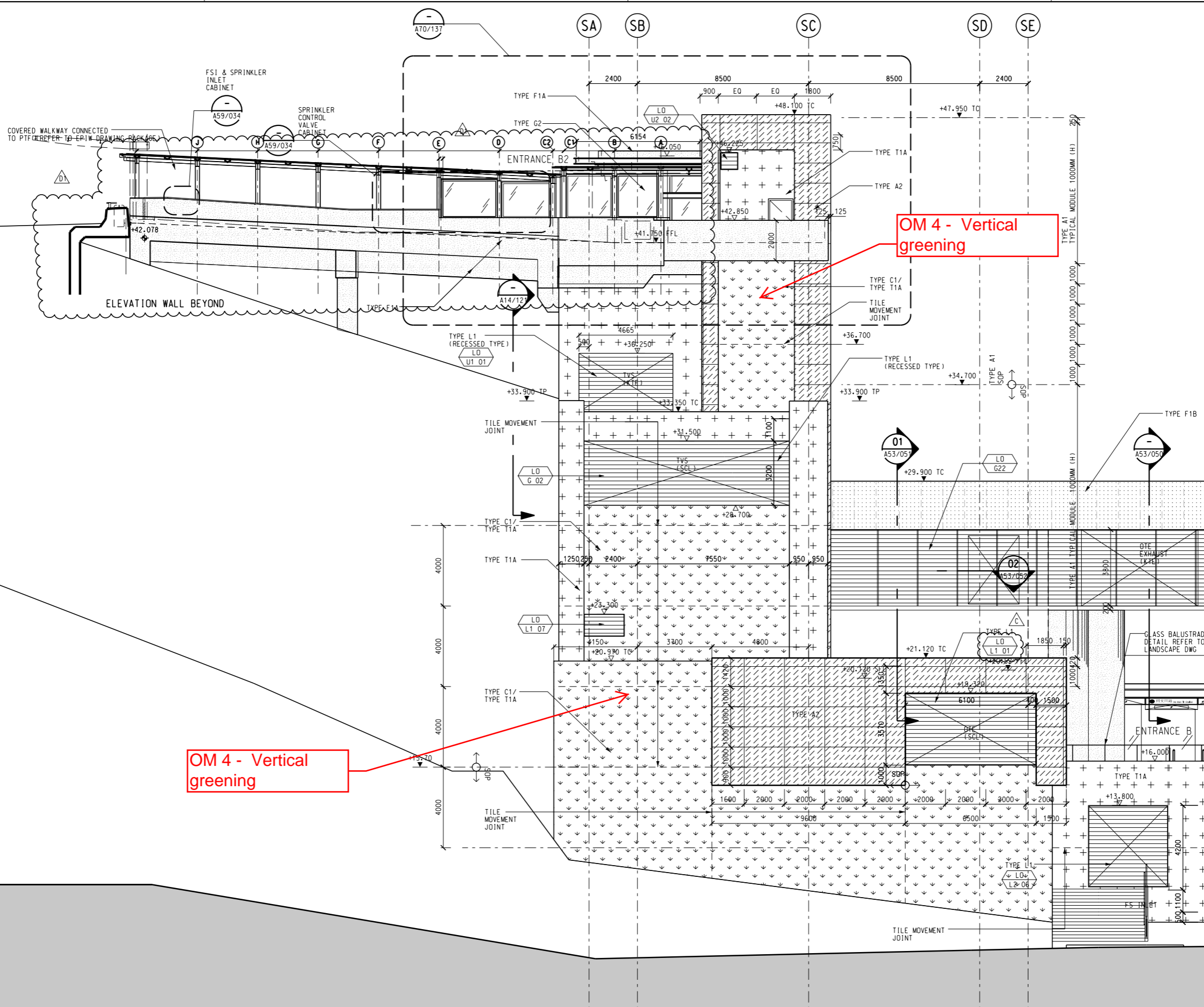
Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild

DATE: 25/MAR/2011

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

CADD REF.: 1001_W_HOM_OAP_A14_141F1.DGN

TITLE	SCALE	DRAWING NO.	REV.
CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION SOUTHWEST EXTERNAL ELEVATION - ZONE K5	1 : 100 (A1)	1001/W/HOM/OAP/A14/141	F1



KEY LOCATION PLAN

- NOTES:**
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
- TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
- TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
- TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- TYPE T1A/T1B MOVEMENT JOINT

OM 4 - Vertical greening

OM 4 - Vertical greening

01 SOUTHWEST EXTERNAL ELEVATION - ZONE K3

SCALE 1:100

ADVANCE CHECK PRINT

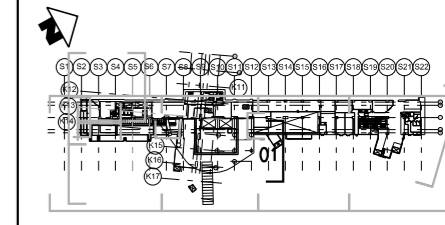
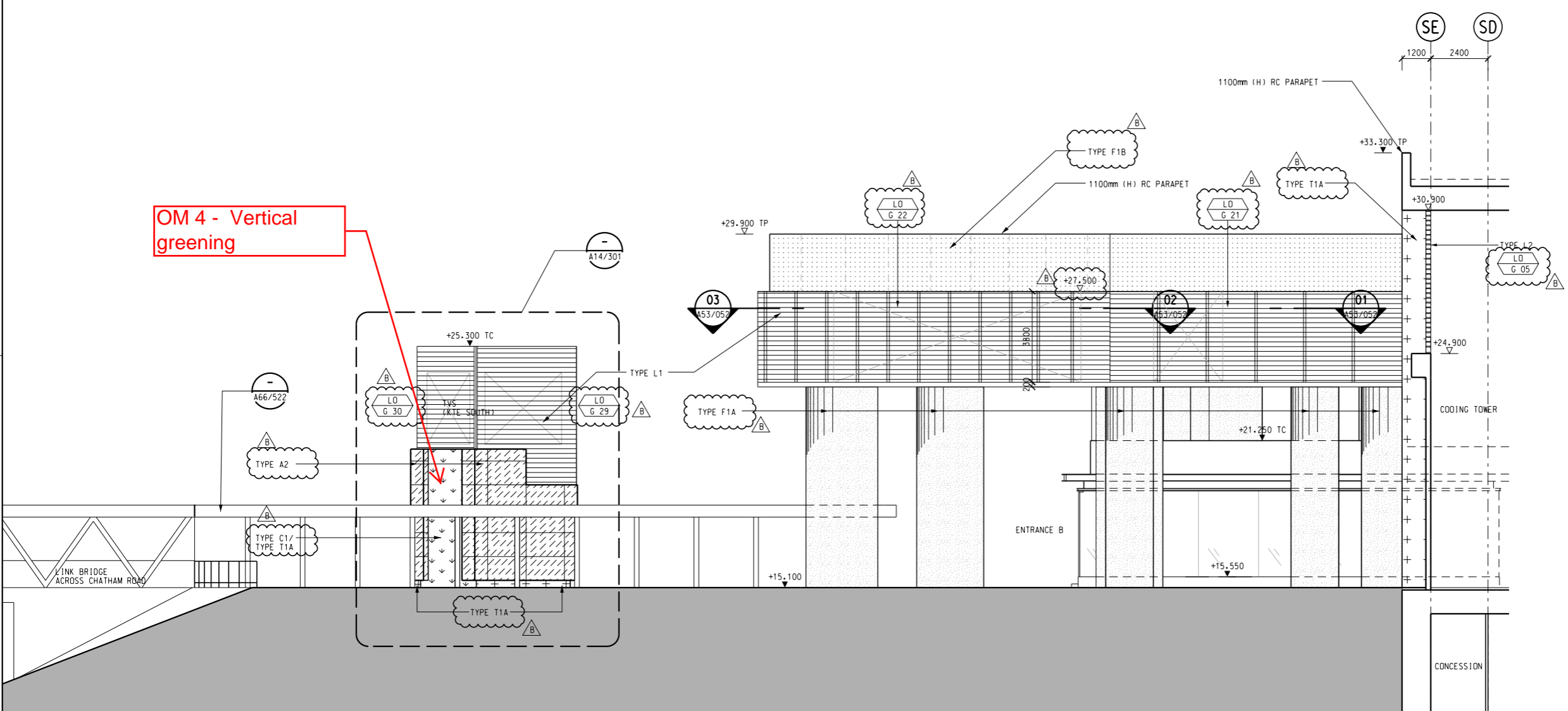
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D1	DAMS 0256 INCORPORATED	HC	03MAR16	TS					
C	LOUVRE MARKS ADDED, DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS					
B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS					
A	WORKING DRAWING	PJC	13MAY11	TS					

DRAWN	PN	 MTR KWUN TONG LINE EXTENSION ORIGINATOR Supported by: • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild	
DESIGNED	AL		
CHECKED	PJC		
APPROVED	TS		
DATE	25/MAR/2011	CADD REF.	1001_W_HOM_OAP_A14_142D1.DGN

TITLE	CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION SOUTHWEST EXTERNAL ELEVATION - ZONE K3		
SCALE	1 : 100 (A1)	DRAWING NO.	1001/W/HOM/OAP/A14/142
REV.			D1

PLOT DIR: C:\Users\hnp\p\drive\MTR\PDF_BW_300dpi\001_Arch\100627.dwg
 MODELNAME: 1001_W/HOM/OAP_A14_143B.DGN
 FILENAME: C:\Users\hnp\p\drive\MTR\PDF_BW_300dpi\001_Arch\100627.dwg
 PRINTED BY: hnp\p\drive\MTR\PDF_BW_300dpi\001_Arch\100627.dwg
 DATE: 25/03/2016 10:55:27 AM

OM 4 - Vertical greening



KEY LOCATION PLAN

- NOTES:
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
- TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A51/041
- TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
- TYPE G1 - EXTERNAL GLAZING (ALUMINUM FRAME) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE G2 - EXTERNAL GLAZING (GLASS FIN) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- TYPE S1 - EXTERNAL STONEWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- TYPE T1A/T1B MOVEMENT JOINT

01 NORTHEAST EXTERNAL ELEVATIONS - ZONE K4

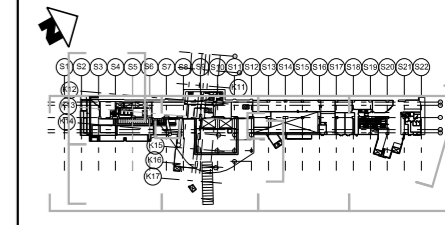
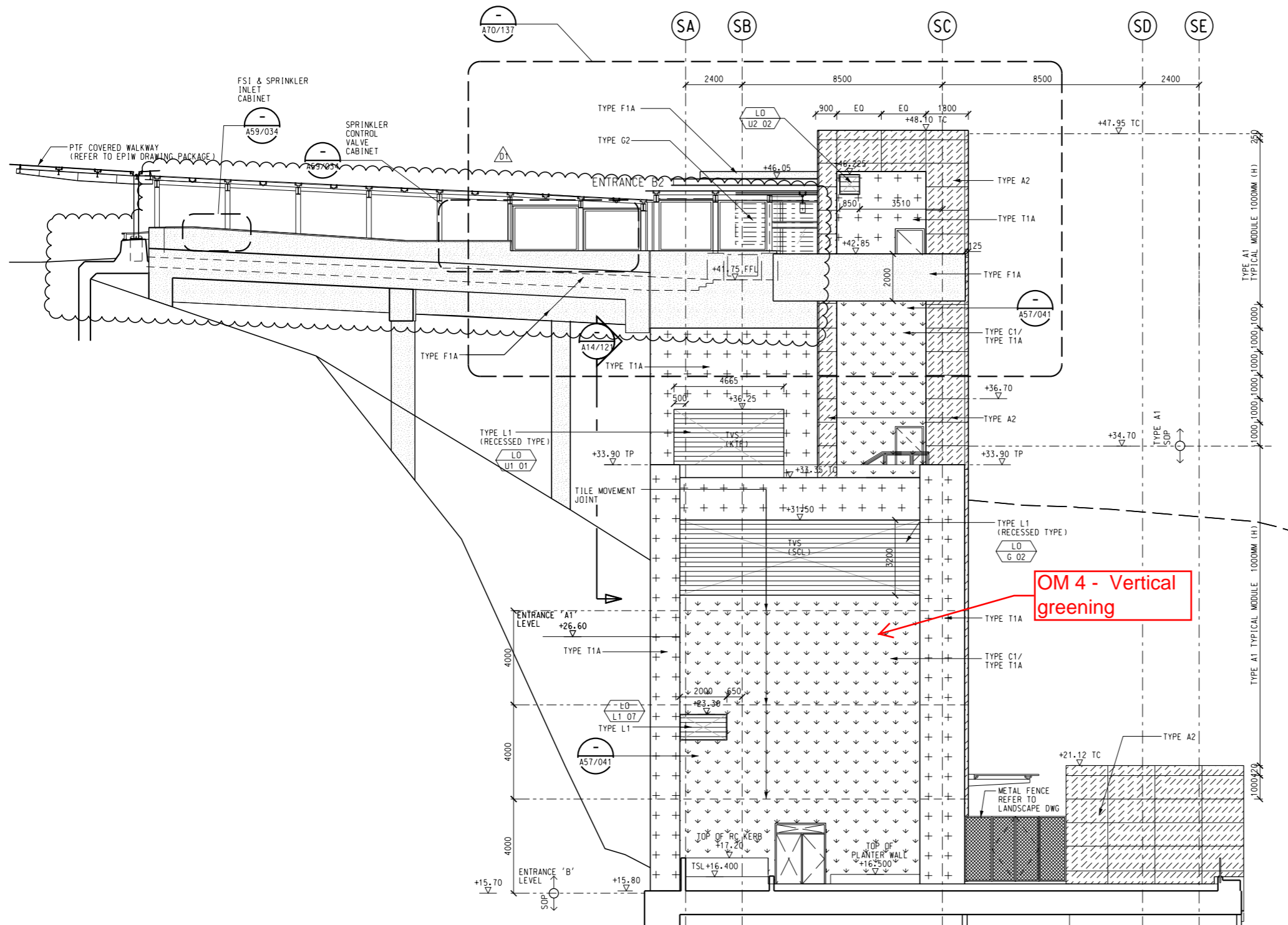
SCALE 1:100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	LOUVER MARKS ADDED. DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS					
A	WORKING DRAWING	PJC	13MAY11	TS					

DRAWN	PN
DESIGNED	AL
CHECKED	PJC
APPROVED	TS
DATE	25/MAR/2011

MTR
 KWUN TONG LINE EXTENSION
 ORIGINATOR: ARUP
 Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild
 CADD REF. 1001_W_HOM_OAP_A14_143B.DGN

TITLE		CONTRACT 1001	
		YMT TO WHAMPOA TUNNELS AND HOM STATION	
		HO MAN TIN STATION	
		NORTHEAST EXTERNAL ELEVATION - ZONE K4	
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1001/W/HOM/OAP/A14/143	B	



KEY LOCATION PLAN

- NOTES:**
- REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 - FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

LEGEND OF EXTERNAL FINISHES

- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
- xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
- ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
- vvv TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
- /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
- \\ TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
- TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
- TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
- TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
- TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
- TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
- TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
- - - TYPE T1A/T1B MOVEMENT JOINT

01 EXTERNAL ELEVATION - ZONE S1

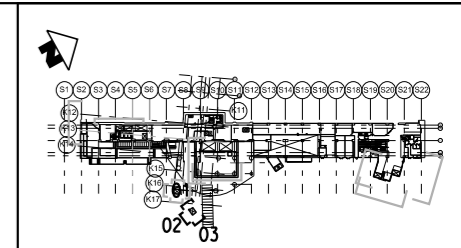
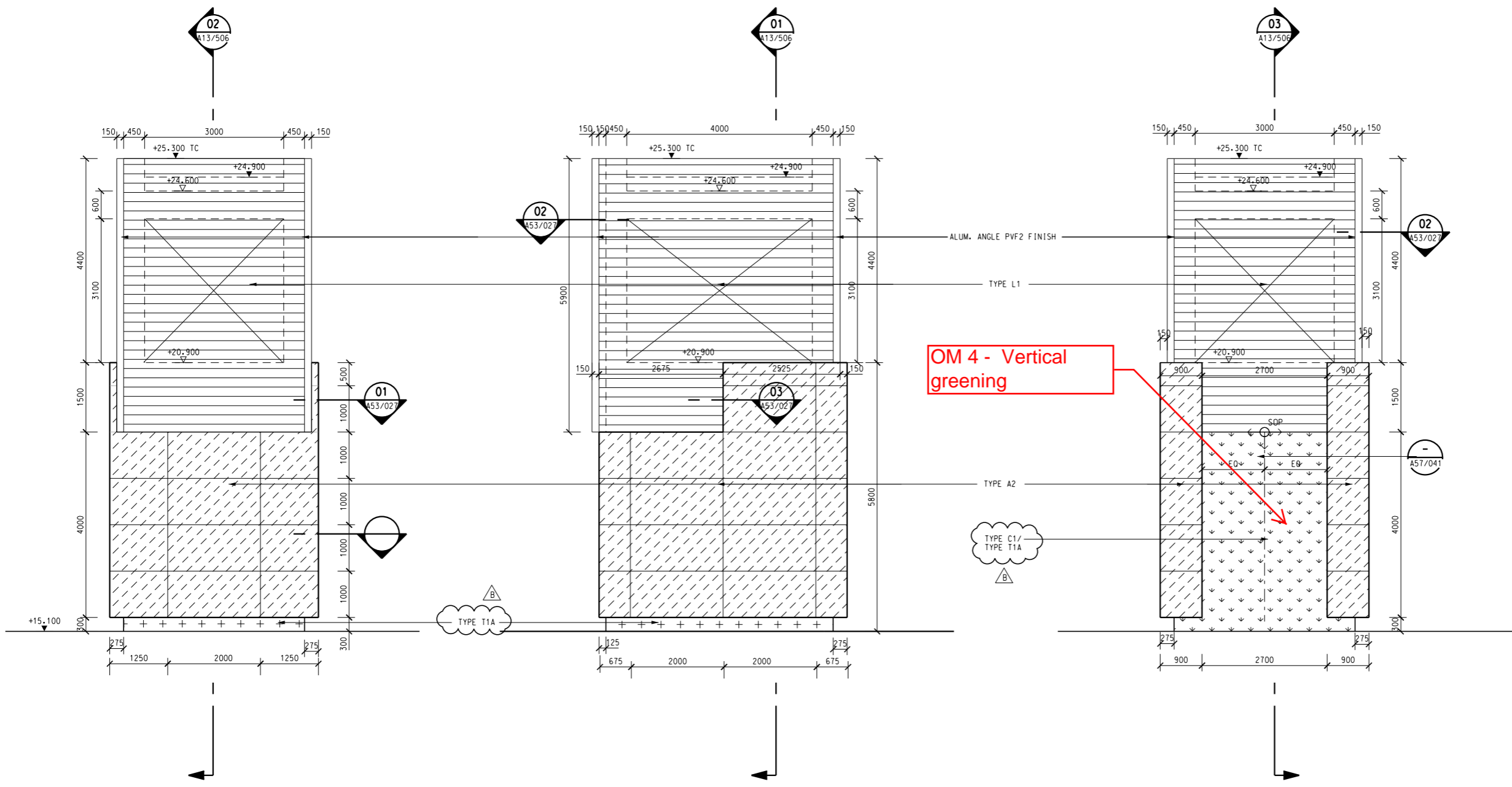
SCALE 1:100

ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D1	DAMS 0256 INCORPORATED	HC	03MAR16	TS					
C	COVERED WALKWAY REVISED	ML	23JUN15	TS					
	ADDITION OF PLANTER								
B	LOUVRES RELOCATED AND ADDED, DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS					
A	NEW DRAWING	PJC	21JAN13	TS					

DRAWN PN DESIGNED AL CHECKED PJC APPROVED TS DATE 16/OCT/2012	ORIGINATOR ARUP CADD REF. 1001_W_HOM_OAP_A14_154D1.DGN	Supported by: • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild
---	---	---

TITLE CONTRACT 1001 YMT TO WHAMPOA TUNNELS AND HOM STATION HO MAN TIN STATION COURTYARD ELEVATION - ZONE S1 GRID SA TO SE		SCALE 1 : 100 (A1)	DRAWING NO. 1001/W/HOM/OAP/A14/154	REV. D1
---	--	-----------------------	---------------------------------------	------------



KEY LOCATION PLAN

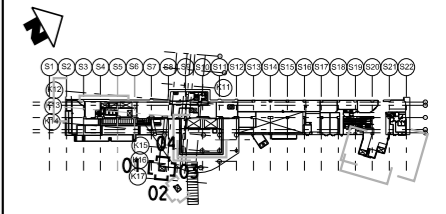
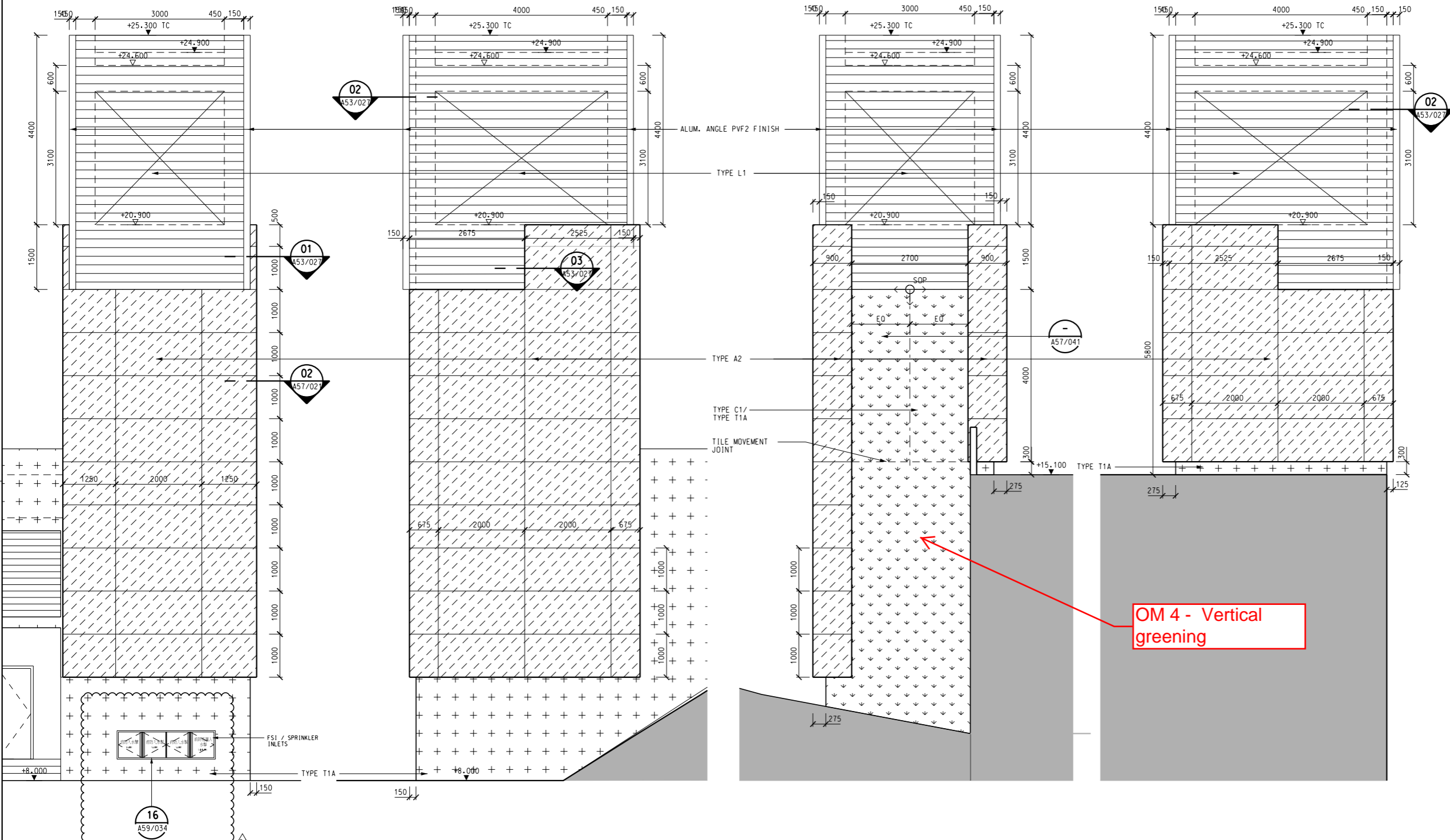
NOTES:
 1. REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 2. FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

- LEGEND OF EXTERNAL FINISHES**
- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
 - xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
 - ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
 - ▽▽▽ TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
 - /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
 - /// TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
 - TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
 - TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
 - TYPE G1 - EXTERNAL GLAZING ALUMINUM WALL SYSTEM WITH EXTERNAL LAMINATED GLASS
 - TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - ||| TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
 - ||| TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
 - TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
 - - - TYPE T1A/T1B MOVEMENT JOINT



01 ELEVATION : VENT SHAFT FRONT VIEW 02 ELEVATION : VENT SHAFT SIDE VIEW 03 ELEVATION : VENT SHAFT BACK VIEW SCALE 1:50

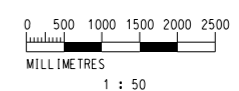
DRAWN PN		DESIGNED AL		CHECKED PJC		APPROVED TS		DATE 25/MAR/2011		ORIGINATOR		TITLE	
B DAmS/1001/A/0009 INCORPORATED		ML 25AUG14		TS		PJC 13MAY11		TS		ARUP		CONTRACT 1001	
A WORKING DRAWING		PJC 13MAY11		TS		PJC 13MAY11		TS		Supported by:		YMT TO WHAMPOA TUNNELS AND HOM STATION	
										<ul style="list-style-type: none"> • Integrated Design Associates Ltd., • Davis Langdon & Seah HK Ltd., • Kenneth Ng & Associates Ltd., • IntelliBuild 		HO MAN TIN STATION	
										CADD REF. 1001_W_HOM_OAP_A14_301B.DGN		VENT SHAFT ELEVATIONS BETWEEN S8 & S9	
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	SCALE 1:50 (A1)	DRAWING NO. 1001/W/HOM/OAP/A14/301	REV. B	



KEY LOCATION PLAN

NOTES:
 1. REFER TO STRUCTURAL & GEOTECHNICAL DWGS FOR GROUND PROFILE
 2. FOR LOUVER INTERMEDIATE (HORIZONTAL & VERTICAL) SUPPORT DETAIL REFER TO STRUCTURAL DWGS

- LEGEND OF EXTERNAL FINISHES**
- +++ TYPE T1A - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: DARK OLIVE GREEN
 - xxx TYPE T1B - EXTERNAL RECONSTITUTED GRANITE WALL TILE - COLOUR: LIGHT GREY
 - ^^^ TYPE M1 - EXTERNAL GLASS MOSAIC CLADDING TO MATCH INTERNAL WALL TYPE W1A
 - vvv TYPE C1 - GREEN CLIMBER ON EXTERNAL RECONSTITUTED GRANITE WALL TILE (TYPE T) - METAL FRAME DETAIL REFER TO 1001/W/000/OAP/A57/041
 - /// TYPE A1 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH PMS 585C
 - \\ TYPE A2 - EXTERNAL ALUM. PANEL CLADDING IN PVF2 FINISH - COLOUR: TO MATCH RAL 9006
 - TYPE F1A - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH RAL 9006
 - TYPE F1B - FAIRFACED CONCRETE WITH MINERAL SILICATE PAINT - COLOUR: TO MATCH TYPE T1A GRANITE TILE
 - TYPE G1 - EXTERNAL GLAZING (ALUMINIUM MULLION) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - TYPE G2 - EXTERNAL GLAZING (GLASS FINS) SYSTEM WITH EXTERNAL LAMINATED GLASS
 - ▨ TYPE L1 - DOUBLE BANK LOUVRES 50% EFFICIENCY OPENING
 - ▨ TYPE L2 - LOUVRES (RHS) 80% EFFICIENCY OPENING
 - ▨ TYPE S1 - EXTERNAL STONEMWORK WALLS (DETAIL REFER TO LANDSCAPE DWG)
 - TYPE T1A/T1B MOVEMENT JOINT



01 VENT SHAFT SOUTHWEST ELEVATION SCALE 1:50 02 VENT SHAFT SOUTHEAST ELEVATION SCALE 1:50 03 VENT SHAFT NORTHEAST ELEVATION SCALE 1:50 04 VENT SHAFT NORTHWEST ELEVATION SCALE 1:50

ADVANCE CHECK PRINT

REV	DESCRIPTION	BY	DATE	APPROVED
D1	FSI & SPRINKLER INLETS REVISED	ML	03MAR16	TS
C	DAMS/1001/A/0009 INCORPORATED	ML	25AUG14	TS
B	ISSUE FOR 1001 CONSTRUCTION	PJC	25OCT11	TS
A	WORKING DRAWING	PJC	13MAY11	TS

MTR

ARUP

ORIGINATOR: **ARUP**

DATE: 25/MAR/2011

Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild

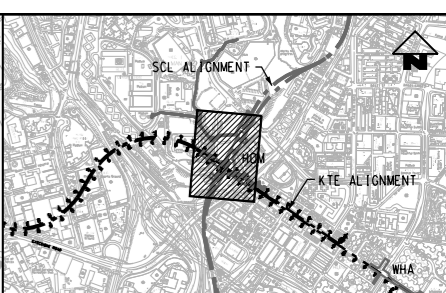
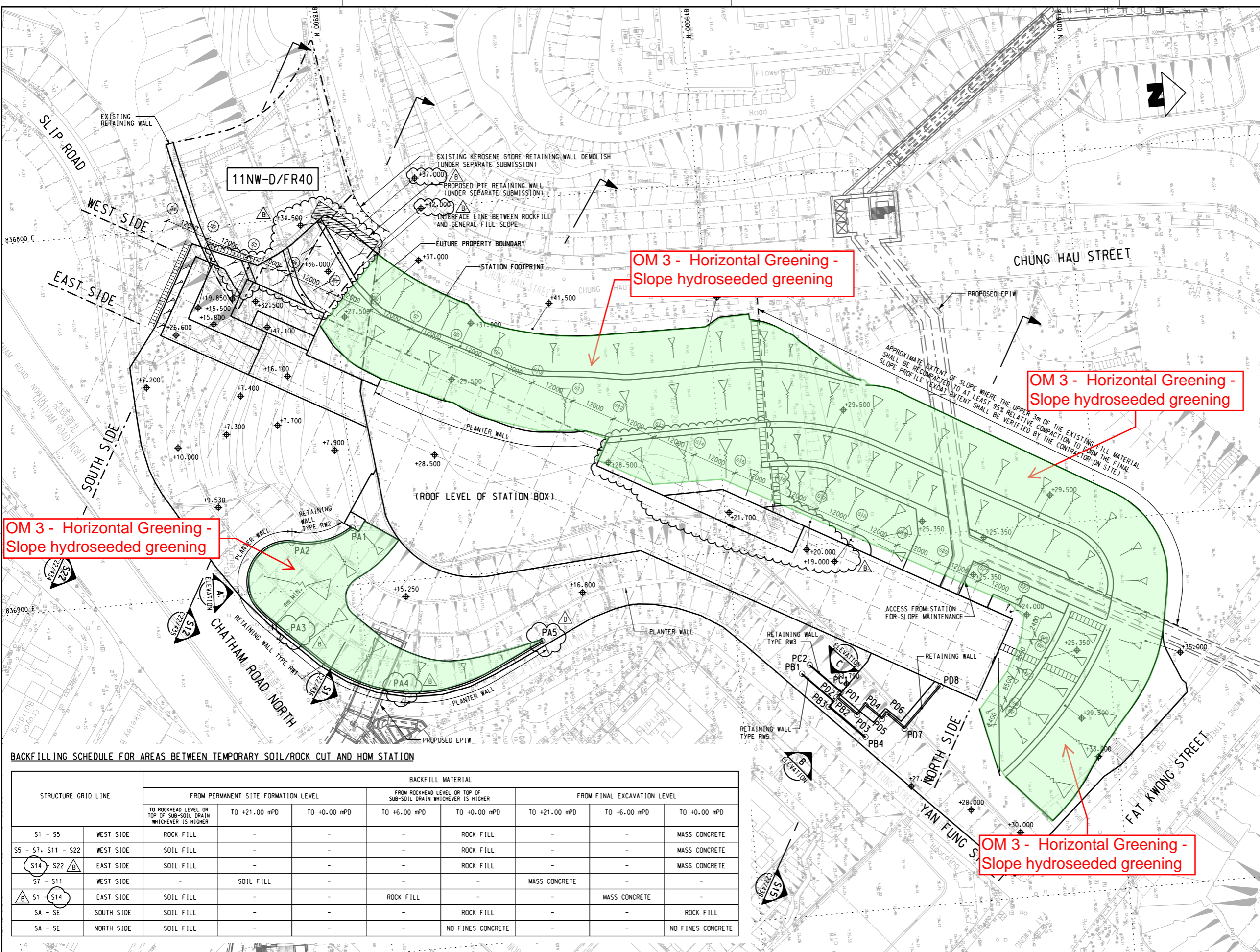
CADD REF: 1001_W_HOM_OAP_A14_302D1.DGN

TITLE: **CONTRACT 1001**
YMT TO WHAMPOA TUNNELS AND HOM STATION
HOM MAN TIN STATION
VENT SHAFT ELEVATIONS BETWEEN S7 & S8

SCALE: 1:50 (A1) DRAWING NO: 1001/W/HOM/OAP/A14/302 REV: D1

Maps reproduced with permission of the Director of Lands, © Hong Kong Government

J:\2006-KTE-CAD-ADMIN\PLT_DRIVER\PDF_BN_300dpi_080924.dwg
 PLOT DATE: 17/07/2010 9:46:58 AM
 MODEL NAME: 1001-WHOM-OAP-C21-431B.dgn
 FILE NAME: J:\2006-KTE-RECORD\Univerable_Cad_Drawing\Working_Drawing\1001-WHOM-OAP-C21-431B.dgn



KEY LOCATION PLAN

- NOTES**
- ALL SLOPE SURFACE TO BE HYDROSEEDED.
 - SLOPE DRAINAGE SHALL BE SEPARATED FROM THE STATION DRAINAGE.
 - UC DRAINS WILL BE PROVIDED AT THE CREST AND TOE OF THE SLOPES.
 - ALL BACKFILL SLOPE PROFILE SHALL BE 1V:2H MAX.
 - ROCKFILL SLOPE PROFILE SHALL BE 35° MAX. AND SHALL MERGE WITH EXISTING GROUND PROFILE.
 - REFER TO 1001/W/HOM/OAP/C14/101 FOR SLOPE AND STATION DRAINAGE LAYOUT.
 - REFER TO 1001/W/HOM/OAP/CO6/101 FOR ARCHITECTURAL FEATURES R1 TO R5 DETAILS.
 - THE FOUNDING MATERIAL FOR RETAINING WALL RW1 & RW2 SHALL BE MDG OR BETTER.
 - THE FOUNDING MATERIAL FOR RETAINING WALL RW3 & RW5 SHALL BE EXISTING FILL.

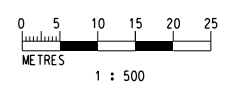
- LEGEND**
- PERMANENT SITE FORMATION LEVEL/ STRUCTURAL ROOF LEVEL
 - PROPOSED MAINTENANCE ACCESS STAIRCASE
 - FILL SLOPE (MAX 1:2)
 - ROCKFILL SLOPE (MAX 35°)

SETTING OUT POINT TABLE

POINT NO.	EASTING	NORTHING
PA1	836884.604	818899.239
PA2	836887.190	818882.545
PA3	836911.225	818879.214
PA4	836929.971	818909.749
PA5	836919.563	818947.660
PC1	836940.235	819027.072
PC2	836932.252	819019.215
PB1	836934.497	819016.935
PB2	836942.668	819024.979
PB3	836944.043	819023.312
PB4	836952.979	819032.531
PD1	836940.674	819026.699
PD2	836941.714	819025.654
PD3	836946.924	819030.838
PD4	836944.482	819033.293
PD5	836948.617	819037.408
PD6	836947.245	819038.786
PD7	836951.729	819043.248
PD8	836941.090	819053.939

BACKFILLING SCHEDULE FOR AREAS BETWEEN TEMPORARY SOIL/ROCK CUT AND HOM STATION

STRUCTURE GRID LINE		BACKFILL MATERIAL								
		FROM PERMANENT SITE FORMATION LEVEL			FROM ROCKHEAD LEVEL OR TOP OF SUB-SOIL DRAIN WHICHEVER IS HIGHER			FROM FINAL EXCAVATION LEVEL		
		TO ROCKHEAD LEVEL OR TOP OF SUB-SOIL DRAIN WHICHEVER IS HIGHER	TO +21.00 mPD	TO +0.00 mPD	TO +6.00 mPD	TO +0.00 mPD	TO +21.00 mPD	TO +6.00 mPD	TO +0.00 mPD	
S1 - S5	WEST SIDE	ROCK FILL	-	-	-	ROCK FILL	-	-	MASS CONCRETE	
S5 - S7, S11 - S22	WEST SIDE	SOIL FILL	-	-	-	ROCK FILL	-	-	MASS CONCRETE	
S14 - S22	EAST SIDE	SOIL FILL	-	-	-	ROCK FILL	-	-	MASS CONCRETE	
S7 - S11	WEST SIDE	-	SOIL FILL	-	-	-	MASS CONCRETE	-	-	
S1 - S14	EAST SIDE	SOIL FILL	-	-	ROCK FILL	-	-	MASS CONCRETE	-	
SA - SE	SOUTH SIDE	SOIL FILL	-	-	-	ROCK FILL	-	-	ROCK FILL	
SA - SE	NORTH SIDE	SOIL FILL	-	-	-	NO FINES CONCRETE	-	-	NO FINES CONCRETE	



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	UPDATED LEVEL TO MATCH WITH ADJACENT SOIL LEVEL	HHW	02MAY13	TS					
A	WORKING DRAWING	THW	25MAR11	TS					

DRAWN: THW
 DESIGNED: DW
 CHECKED: MW
 APPROVED: TS
 DATE: 17/JUL/2010
 ORIGINATOR: ARUP
 Supported by: Integrated Design Associates Ltd., Davis Langdon & Seah HK Ltd., Kenneth Ng & Associates Ltd., IntelliBuild
 CADD REF: 1001_W_HOM_OAP_C21_431B.dgn

CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
HO MAN TIN STATION -
PERMANENT SITE FORMATION LAYOUT PLAN
 SCALE: 1 : 500 (A1)
 DRAWING NO: 1001/W/HOM/OAP/C21/431
 REV: B

Appendix B

Photos for

Ho Man Tin Station and Yan Fung Street Rest
Garden

(May 2016) – Revision B (November 2017)

LDR 1.2 (Yan Fung Street Rest Garden)

Photo 1 – Before KTE project



Photo 2 – After KTE project



Photo 3 – After KTE project



LDR 3.2 (Slopes adjacent to Chatham Road North)

Photo 4 – Landscaping measures for LDR 3.2



Photo 5 – Metal frame attached to the structure for the climber planting



LDR 6.1 (Slopes adjacent to Yan Fung Street)

Photo 6 - New trees and greening along Yan Fung Street



Photo 7 – Horizontal and vertical greening along Yan Fung Street



Photo 8 – Metal Frame for Climber Planting along Yan Fung Street



LDR 7.1 (Site Formation Levels for use by HOM Station)

Photo 9 - Backfilled slope with hydroseeded greening



Photo 10 - Backfilled slope with hydroseeded greening



HOM Station Structure

Photo 11– Planter at HOM station



Photo 12 – Vertical greening for HOM structure



Photo 13 – Tree planting

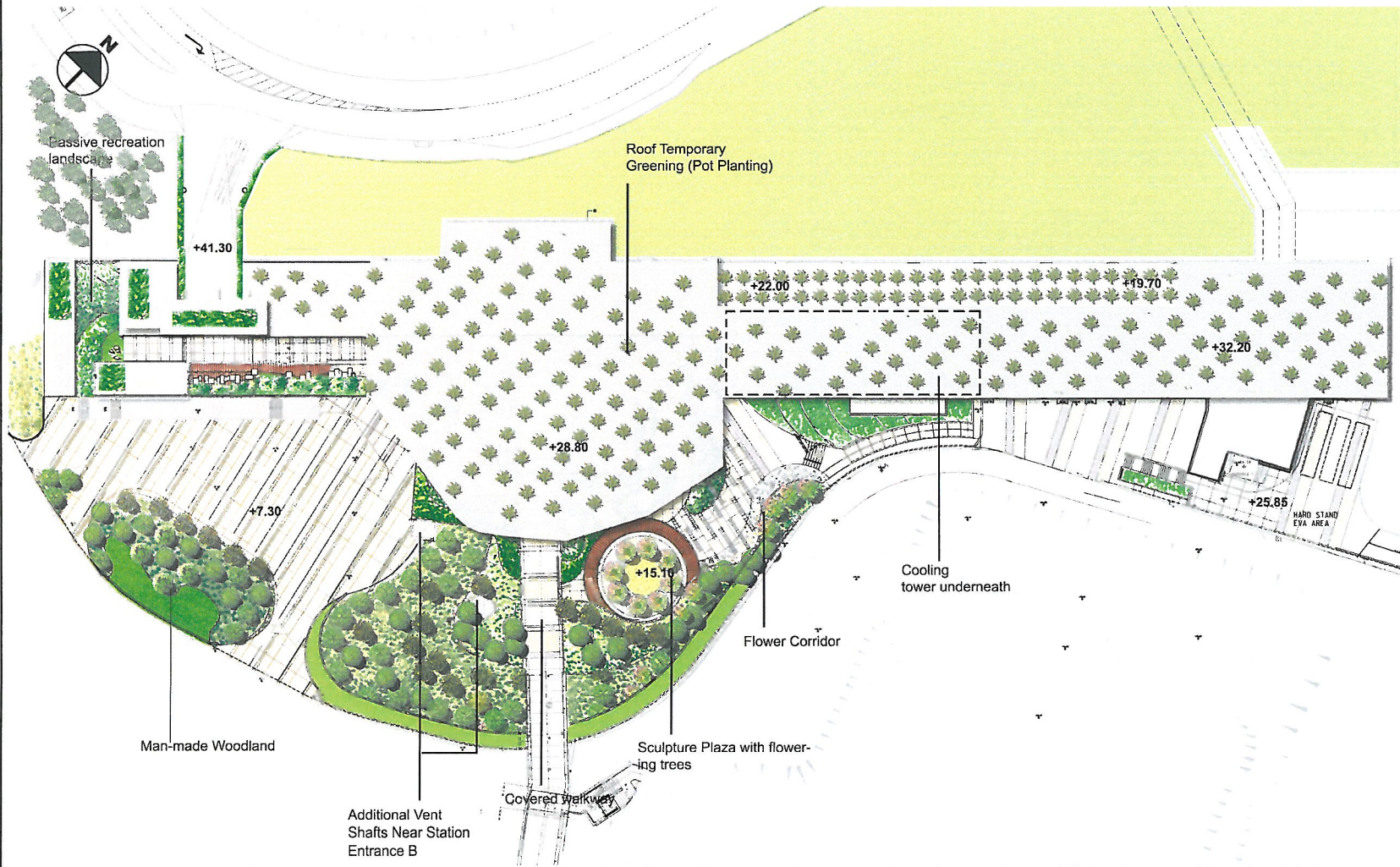


Photo 14 – Temporary roof greening



Appendix C

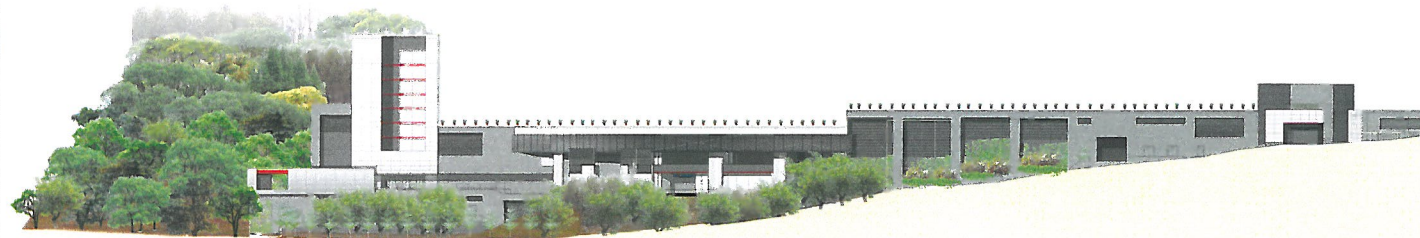
Updated Landscape Master Plan
Ho Man Tin Station and Yan Fung Street Rest Garden
(May 2016) – Revision B (November 2017)



NOTE:
 This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subject to detailed development.
 This drawing also does not indicate precise no. and locations of trees. The precise no. of trees to be retained, transplanted, felled and compensated shall be determined and agreed separately with government during the Tree Felling Application process under ETWB TC 3/2006.



NOTE:
 This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subject to detailed development.
 This drawing also does not indicate precise no. and locations of trees. The precise no. of trees to be retained, transplanted, felled and compensated shall be determined and agreed separately with government during the Tree Felling Application process under ETWB TC 3/2006.



NOTE:
 This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subject to detailed development.
 This drawing also does not indicate precise no. and locations of trees. The precise no. of trees to be retained, transplanted, felled and compensated shall be determined and agreed separately with government during the Tree Felling Application process under ETWB TC 3/2006.

Response to Comments
MTR Kwun Tong Line Extension -Ho Man Tin Station (HOM) (May 2016) Revision A
EP Condition 4.9 - Landscape and Visual Plan

No.	From	Section		Comments	MTR's Response
1.	EPD, letter by fax dated 22 September 2017			I refer to your letter (ref.: C10009-COR-ENVM-ENV-013647) dated 5 July 2016 enclosing the captioned landscape and visual plan (LVP) for our comment. Please note the comments on the LVP from landscape point of view below for your follow up.	Noted.
2.		General	a	Please provide the name and stamp of the RLA responsible for the submission.	The name and stamp of the RLA has been provided in the signed cover.
3.			b	Please provide the name of the Independent Environmental Checker (IEC) and Environmental Team (ET) Leader in addition to their signatures.	The names of the IEC and ET leader have been provided in the signed covers.
4.			c	It is observed that the landscape resources (LRs) and landscape character area (LCA) affected by Ho Man Tin Station (HOM) noted in Residual Landscape Impact Plan (Figure 5.9a) of the Approved EIA Report (AEIAR) of Figure 1 of the captioned EP are not fully covered by the LVP submission (Site Location Plan - dwg. No. 1001/W/HOM/OAP/A58/111 rev. B refers). For clarity, the areas not affected by the proposed HOM should be specified in the submission and drawings.	The areas affected by HOM have been also indicated in Site Location Plan - dwg. No. 1001/W/HOM/OAP/A58/111 rev. B.
5.			d	The boundaries of LR, e.g. LDR 1.2, LDR 3.2, LDR 6.1, LDR 7.1 etc., and LCA, e.g. LCA-06, affected by HOM should be indicated on the Landscape Mitigation Plans for comment.	The locations of respective LDRs have been indicated in Site Location Plan - dwg. No. 1001/W/HOM/OAP/A58/111 rev. B.
6.			e	Summary of the landscape impacts on LR, e.g. LDR 1.2, LDR 3.2, LDR 6.1, LDR 7.1 etc., and LCA, e.g. LCA-06, and the recommended landscape mitigation stated in the Approved EIA Report (AEIAR) should be provided for clarity.	A summary of the landscape impacts on LR and LCA and the recommended landscape mitigation has been provided in Table 2.1.
7.			f	For clarity, key plan should be provided at each of the drawing. Alternatively, the project proponent may submit a large scale drawing in one rather than many drawings in A3.	The key plan for the HOM area has been provided in drawings 1001/W/HOM/OAP/A58/111 where the drawings no. for subzone areas could be referred to.
8.			g	The scales specified in the drawings are not correct.	The scale of drawings have been checked and found adequate.
9.		Landscape and	h	It is noted that Yan Fung Street Rest Garden is retained as original	The Yan Fung Street Rest Garden has been retained as

No.	From	Section		Comments	MTR's Response
		Visual Plan (LVP) LDR 1.2 (Yan Fung Street Rest Garden)		and not affected by KTR project. Please provide before/after site photos to demonstrate the LR is not affect by the captioned works.	original and not affected by HOM works. Photos before / after HOM works were provided in Appendix B.
10.		LDR 3.2 (slopes adjacent to Chatham Road North)	i	CM1 (reuse of existing topsoil): Noted.	Noted.
11.			j	CM2 (Tree transplanting): The detailed of the trees to be transplanted and their receptor locations are not provided. Hence, CM2 (tree transplanting) could not be verified.	The information of tree transplantation has been provided in Table 2.1.2.
12.			k	OM2 (Compensatory tree planting): With reference to Table 5.5 of the AEIAR, it is estimated that 704 trees (with 1 no. tree with diameter over 1m) will be felled. However, the actual quantity and detail of the felled trees on the affected LRs is not provided, the proposed compensatory tree planting (OM2) in terms of quantity and quality in this LR is not submitted, hence, the proposed OM2 could not be ascertained.	The tree felling and compensatory tree planting information has been provided in Table 2.1.2.
13.			l	OM3 (Horizontal and slope greening): According to Table 5.5 and para. 5.13.2.14 of the AEIAR, 25,000m2 of the existing slopes would be affected. With reference to Table 5.14 of the AEIAR, the backfilled sloped at HOM shall be hydroseeded and native seedling trees planted. However, the area and details of the proposed hydroseeding and recommended seedling trees are not observed in the submission.	The backfilled slope has been hydroseeded. Details refer to drawings of Permanent Site Formation Layout Plan (1001/W/HOM/OAP/C21/431 and Photos in Appendix B.
14.			m	OM4 (Vertical green): The proposed climber species noted in the planting schedule are species with clinging habit. However, the details of the supporting frames for the proposed species are not submitted. The proposed vertical green, as high as 10m ht., is in doubt. In addition, it is presumed that the proposed vertical green is to mitigate the impact of retaining structure on slopes. Climber species with self-adhesive habit is preferred.	Supporting metal frames have been provided for façade with vertical greening and photos in Appendix B refer. The climbers' species are Lonicera Japonica and Pyrostegia Venusta which have been provided in Planting Plan Schedule (100/W/HOM/OAP/A58/152).
15.			n	Sections demonstrating the landscape mitigation measure at this LR	Landscape mitigation measures for LRs have been

No.	From	Section		Comments	MTR's Response
				should be provided.	provided in Table 2.1.1.
16.		LDR 6.1 (Slopes adjacent to Yan Fung Street)	o	OM2 (Compensatory tree planting): With reference to Table 5.5 of the AEIAR, 5 felled trees are estimated. However, the actual quantity and detail of the felled trees on the affected LRs is not provided, the proposed compensatory tree planting (OM2) in terms of quantity and quality in this LR is not submitted, hence, the proposed OM2 could not be ascertained.	The compensatory tree planting information has been provided in Table 2.1.2.
17.			p	OM3 (Horizontal and slope greening): According to para. 5.13.2.14 of the AEIAR, it is noted that approximately 150 new large trees will be provided in this LRs. However, the 150 new planting trees are not observed in the current submission. Besides, according to Table 5.5 of the AEIAR, the 5,500m2 of the affected slopes would be landscaped. The said net gain in quality of resources is not observed in the current submission.	A total of 152 nos. of trees have been compensated adjacent to Chatham Road North and Yan Fung Street to mitigate the landscape impact. The backfilled slope has been hydroseeded. Details refer to drawings of Permanent Site Formation Layout Plan (1001/W/HOM/OAP/C21/431 and photos in Appendix B.
18.			q	OM4 (Vertical green): Please refer to our comment on LDR 3.2.	Supporting metal frames have been provided for façade with vertical greening and photos in Appendix B refer. The climbers species are Lonicera Japonica and Pyrostegia Venusta which have been provided in Planting Plan Schedule (100/W/HOM/OAP/A58/152).
19.			r	Sections demonstrating the landscape mitigation measure at this LR should be provided.	Landscape mitigation measures for LRs have been provided in Table 2.1.1.
20.		LDR 7.1 (Site formation levels for use by HOM Station)	s	CM1 (reuse of existing topsoil): Noted.	Noted.
21.			t	CM2 (Tree transplanting): The detailed of the trees to be transplanted and their receptor locations are not provided. Hence, CM2 (tree transplanting) could not be verified.	The information of tree transplantation has been provided in Table 2.1.2.
22.			u	OM2 (Compensatory tree planting): With reference to Table 5.5 of the AEIAR, 121 felled trees are estimated. However, the actual	The tree felling and compensatory tree planting information has been provided in Table 2.1.2.

No.	From	Section		Comments	MTR's Response
				quantity and detail of the felled trees on the affected LRs is not provided, the proposed compensatory tree planting (OM2) in terms of quantity and quality in this LR is not submitted, hence, the proposed OM2 could not be ascertained.	
23.			v	OM3 (Horizontal and slope greening): With reference to Table 5.5 of AEIAR, approximately 20,000m2 of this LR will be affected. There is inadequate information to demonstrate the landscape treatment recommended in the submission.	The backfilled slope has been hydroseeded. Details refer to drawings of Permanent Site Formation Layout Plan (1001/W/HOM/OAP/C21/431 and Photos in Appendix B.
24.			w	OM4 (Vertical green): Please refer to our comment on LDR 3.2.	Supporting metal frames have been provided for façade with vertical greening and photos in Appendix X refer. The climber's species are Lonicera Japonica and Pyrostegia Venusta which have been provided in Planting Plan Schedule (100/W/HOM/OAP/A58/152).
25.		HOM Station Structure	x	Updated landscape master plan for HOM Station should be submitted in contrast with the landscape master plan enclosed in the AEIAR. For clarity, elevations and sections of the landscape provisions for HOM Station should be provided.	Updated landscape master plan has been provided in Appendix C. Photos showing the HOM station have been provided in Photos in Appendix B.
26.			y	It is observed that extensive pot planting would be adopted as roof green at roof top of HOM Station. However, the proposed pot size 200mm (diameter) x 300mm (depth) is too small for shrub planting. The proposed roof greening (OM3) is in doubt. And yet, there is no maintenance access for the proposed shrub planting.	The proposed roof greening is temporary measures. Cat ladder accesses have been provided for the landscape maintenance. Refer to photos in Appendix B for details.
27.			z	The landscape measures recommended in para 5.12.4.3 of the AEIAR, e.g. edge planting, green planter buffer strip along streets etc. are not observed in the submission.	The landscape measures of edge planting, green planter buffer strip along street etc. have been provided. Refer to Photos in Appendix B for details and showed the planting pot size was adequate.
28.			aa	The proposed Type C1 green climbers should be specified for comments.	The climber's species are Lonicera Japonica and Pyrostegia Venusta which have been provided in Planting Plan Schedule (100/W/HOM/OAP/A58/152).
29.			bb	Please clarify the provision of 500mm x 500mm green roof water storage unit specified in drawing no.	Green roof planting has been provided on the surface of this unit. The water storage unit is a design to catch rain

No.	From	Section	Comments	MTR's Response
			1001/W/HOM/OAP/A58/181. Would these units with the substrate and planting?	water and store excessive water for the plants' continuous use.

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 5: Whampoa Station – Revision C
(November 2017)

Verified by:  (Jacky Chan)

Position: Independent Environmental Checker

Date: 14 Nov 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 5: Whampoa Station – Revision C
(November 2017)



Certified by: _____

Name: Kenneth Ng

Position: Registered Landscape Architect (RLA no. 034)

Date: 6/11/2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 5: Whampoa Station – Revision C
(November 2017)

Certified by: 

(Felice Wong)

Position: Environmental Team Leader

Date: 6 NOV 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 5: Whampoa Station
Revision C
(November 2017)

1. INTRODUCTION

This landscape and visual plan covers Whampoa Station (WHA) in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/D) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”.

The landscape and visual mitigation measures of the Project have been commenced by phases. The landscape and visual plans for other areas of the Project have been submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR WHAMPOA STATION

2.1. Design Details

The updated design and the mitigation measures implemented has achieved the principle design imperative as per Section 5.12.5.1 of the approved KTE EIA report and Environmental Review Report (ERR) which was submitted as supporting document for VEPs application. The landscape resources and character areas to be affected by the Whampoa Station are LDR 4.2, LDR 4.3 and LCA-09.

The summary of the landscape impacts on LDR 4.2, LDR 4.3 and LCA-09 and the recommended landscape mitigation measures have been provided in Table 2.1. The relevant recommended mitigation measures as proposed in Table 5.13 and Table 5.14 of the approved KTE EIA report are listed in Table 2.2 at below.

Table 2.1 Landscape impacts on LRs and LCA and the recommended landscape mitigation for Whampoa Area

Ref.	Description	Sensitivity to Change			Significance Threshold without Mitigation		Mitigation measures	Significance Threshold with Mitigation		
			Construction	Operation	Construction	Operation		Construction	Day1	Year 10
Landscape Resources										
LDR-4.2	Street planting in the vicinity of Hung Hom Road	Medium	Large	Large	Moderate	Moderate	CM 2, OM 2, 3, 4	Moderate	Moderate	Slight
LDR-4.3	Tree planting on Tak Man / Tak On Streets	Medium	Large	Large	Moderate	Moderate	CM 2, OM 2	Moderate	Slight	Negligible
LCA-09	Whampoa and Hung Hom Reclamations	Low	Negligible	Negligible	Negligible	Negligible	CM 2, 3, 4 OM 1, 2, 7	Negligible	Negligible	Negligible

Table 2.2 Relevant Recommended Construction and Operational Phase Landscape and Visual Mitigation Measures

ID no.	Landscape / Visual Mitigation Measure	Reference Document
CM2	<p><u>Tree Transplanting</u></p> <p>Transplantation is proposed for a number of trees generally able to provide high amenity value and which are likely to survive the transplantation process. All transplantation will be carried out in accordance with ETWB TCW No. 3/2006 and undertaken under separate submission process.</p>	<p>All transplantation has been carried out in accordance with ETWB TCW No. 3/2006 and Tree Removal Application process.</p>
CM3	<p><u>Control of night-time lighting glare</u></p> <p>All security floodlights for construction sites and temporary works areas shall be equipped with adjustable shield, frosted diffusers and reflective covers, and be carefully controlled to minimize light pollution and night-time glare to nearby receivers.</p>	<p>The lighting in construction site in construction phase has been designed to minimize any light pollution and glare to nearby receivers.</p>
CM4	<p><u>Erection of Decorative Hoardings</u></p> <p>Temporary decorative screen hoardings shall be designed and erected to be compatible with the existing urban context, either brightly and imaginatively or with visually unobtrusive design and colours where more appropriate. All works sites and works areas shall be surrounded by such hoardings, which shall be removed at project completion.</p>	<p>Temporary decorative screen hoardings have been designed and erected to screen the construction works. The hoarding would be removed at the project completion.</p>
OM1	<p><u>Re-provision of Public Open Spaces</u></p> <p>Every effort should be made to minimise use of public open spaces, however if affected by the Project they shall be re-provisioned to an equal or improved standard at completion of the project. Sensitive design and reinstatement of the affected Public Open Spaces (Gascoigne Road Rest Garden, Yan Fung Street Rest Garden, Fat Kwong Street Playground) shall be made, incorporating replacement facilities to those currently provided and using materials of quality suitable for long term use and acceptable to the relevant government departments including LCSD and PlanD, who shall be consulted on the design of the reinstated public open spaces at an early stage of the design process.</p>	<p>The mitigation measure of re-provision of public open spaces is not applicable to the area of Whampoa Station.</p>

OM2	<p><u>Compensatory Tree Planting</u></p> <p>Suitable land pockets within the project area will be used for the implementation of compensatory mitigation to offset the net loss of key landscape resources and improve visual amenity.</p> <p>A compensatory tree planting proposal including locations of tree compensation will be submitted separately to seek relevant government department's approval, in accordance with ETWB TCW No. 3/2006.</p>	<p>The Tree Removal Application for the Whampoa Entrance A and Entrance B areas have been submitted for approval in accordance with ETWB TCW No. 3/2006. The compensatory planting have been implemented accordingly.</p>
OM3	<p><u>Horizontal and Slope Greening</u></p> <p>Station entrance at WHA shall utilize shrub planting areas to provide localized greening.</p>	<p>Horizontal greening at Whampoa Station has been provided. Details refer to drawings in Appendix A.</p>
OM4	<p><u>Vertical Greening</u></p> <p>Vertical greening / climbers shall be applied to all above ground structures against exposed walls as far as possible subject to technical operational and maintenance constraints. Such planting shall be employed at WAB, HOM Station and WHA Station.</p>	<p>Vertical greening has been provided. Details refer to drawings in Appendix A.</p>
OM7	<p><u>Architectural Design Aesthetics for Above-Ground Structures at WHA Station</u></p> <p>These shall be designed in accordance with the standardized MTR architectural theme for KTE and other current rail projects. However specific attention shall be undertaken to ensure the form, material and surface detailing of these structures is considered to fit into local context in terms of the architectural character of the site.</p>	<p>The above-ground structure at WHA has been designed in accordance with the standardized MTR architectural theme for KTE. The material and surface detailing of the WHA structure are designed to fit into the local context.</p>

Table 2.3 Details of Recommended Operational Phase Landscape and Visual Mitigation Measures for LDR 4.2 and LDR 4.3

Landscape Resource		Woks site / Area	Mitigation Measures recommended in EIA	Mitigation Measure to be implemented
LDR 4.2	Street planting in vicinity of Hung Hom Road	West Concourse, WHA Station (WS30)	<p>CM2 – Tree Transplantation</p> <p>OM2 – Compensatory Tree Planting</p> <p>OM3 – Horizontal and Slope Greening</p> <p>OM4 – Vertical Greening</p>	<p>CM 2 – All transplantation has been conducted in accordance with ETWB TCW No.3/2006 and Tree Removal Application process.</p> <p>OM 2 – Compensatory Tree planting has been provided at pedestrian walkways along Tak Man Street, Man Siu Street, and Man Tai Street in accordance with ETWB TCW No.3/2005 and Tree Removal Application Process.</p> <p>OM3 – Planter boxes have been provided at the vicinity of Entrance A and B (formerly known as Entrance A1 and A2 in EIA). Also, reinstatement of planter boxes at central divider along Hung Hom Road have been provided.</p> <p>OM4 – Vertical greening has been provided for Entrance A, at East façade of the superstructure.</p>
LDR 4.3	Tree planting on Tak Man Street and Tak On Street	East Concourse, WHA Station (WS31 & WS33)	<p>CM2 – Tree Transplantation</p> <p>OM2 – Compensatory Tree Planting</p>	<p>CM 2 – All transplantation has been conducted in accordance with ETWB TCW No.3/2006 and Tree Removal Application process.</p> <p>OM2 – The Tree Removal Application for the Whampoa Station has been submitted for approval in accordance with ETWB TCW No. 3/2006. The compensatory tree planting have been implemented accordingly.</p>

Landscape / Visual Mitigation Measures recommended in EIA report Section 5.12.5, for area which is not within of those mentioned at above Table 2.3, and mitigation measures to be implemented are presented at Table 2.4 at below.

Table 2.4 Relevant Recommended Operational Phase Landscape and Visual Mitigation Measures (Extracted from Section 5.12.5 of the approved EIA Report)

Location	Mitigation Measures recommended in EIA	Mitigation Measures implemented / to be implemented
<i>Integrated WHA Station Entrance A1 with Ventilation Shafts (Currently known as the Entrance A)</i>	<ul style="list-style-type: none"> • <i>Integrated entrance, vents and footbridge into single structure;</i> • <i>Co-ordinated use of colours and materials;</i> • <i>Incorporation of horizontal and vertical greening.</i> 	<ul style="list-style-type: none"> • <i>Recommendations on hardware of the Entrance A have been considered and reflected in current design</i> • <i>Incorporation of horizontal and vertical greening has been considered. Details please refer to Table 2.6 and relevant drawings in Appendix A</i>
<i>Stand-alone WHA Station Entrance A2 (Currently known as the Entrance B)</i>	<ul style="list-style-type: none"> • <i>A planter box is proposed at the rear of the entrance building as an enhancement;</i> • <i>Consistent materials and style.</i> 	<ul style="list-style-type: none"> • <i>Provision of planter box has been considered. Table 2.6 and relevant drawings in Appendix A</i> • <i>Recommendations on hardware of the Entrance B have been considered and reflected in current design.</i>
<i>Stand-alone WHA Station Entrance B1 (Currently known as the Entrance C)</i>	<ul style="list-style-type: none"> • <i>A planter box is proposed at the rear of the entrance building as an enhancement;</i> • <i>Consistent materials and style.</i> 	<ul style="list-style-type: none"> • <i>Entrance B1 has been replaced as Integrated Entrance C inside of Whampoa Plaza. And therefore, provision of planter box is no longer required. The design of Integrated Entrance C has been submitted and approved under VEP-399/2010/B</i>
<i>Stand-alone WHA Station Entrance B2 (Currently known as the Entrance D)</i>	<ul style="list-style-type: none"> • <i>Consistent materials and style.</i> 	<ul style="list-style-type: none"> • <i>Entrance B2 has been replaced as Integrated Entrance D inside of Whampoa Plaza. The design of Integrated Entrance D has been submitted and approved under VEP-399/2010/B</i>
<i>Ventilation shaft at Tak Ting Street adjacent to CLP substation</i>	<ul style="list-style-type: none"> • <i>Consistent materials and style.</i> • <i>Careful articulation of building bulk and sympathetic use of materials in the design to blend with the surroundings and to make it look a natural element of its neighborhood.</i> 	<ul style="list-style-type: none"> • <i>Recommendations on hardware of the Ventilation shaft have been considered and reflected in current design.</i>
<i>Designated Emergency Exit (DEE) at Shung King Street</i>	<ul style="list-style-type: none"> • <i>OM4 – Vertical Greening A low level planter for supporting vertical greening is proposed to the side wall facing Whampoa Plaza and Tak On Street.</i> 	<ul style="list-style-type: none"> • <i>OM4 –Vertical greening will be provided at West elevation (facing Shung King Street) of DEE as current DEE design is tight against Whampoa Plaza building in order to allow sufficient footpath width between the Whampoa</i>

<p><i>Vent Shaft and Escape Stair at Wan Hoi Street</i></p>	<ul style="list-style-type: none"> • <i>Roof top greening is proposed to the lower portion of the building to avoid clashing with vent openings above.</i> 	<p><i>Plaza building.</i></p> <ul style="list-style-type: none"> • <i>The lower portion of rooftop of Wan Hoi Street vent shaft has been utilized as ventilation openings to fulfill ventilation design requirement. And therefore, in consider of providing greening features to minimize visual impact, roadside planter, instead of rooftop planter recommended in EIA report, will be implemented at Wan Hoi Street Vent Shaft</i>
---	---	---

Table 2.5 at below summarized the quantities of tree felled, transplanted, and compensated for Landscape Resources LDR 4.2 and LDR 4.3.

Table 2.5 Tree transplanting and Compensatory Tree Planting Summary

Landscape Resource		Works Site / Area	Tree Transplantation	Compensatory Tree Planting
LDR 4.2	<i>Street planting in vicinity of Hung Hom Road</i>	<i>West Concourse, WHA Station (WS30)</i>	<p><WHA Station Entrance A and B> <i>4 nos. of trees have been transplanted to Siu Ho Wan Depot of permanent receptor site in accordance with the approved TRA.</i></p> <p><Road Improvement Works at Whampoa> <i>19 nos. of trees have been transplanted to Siu Ho Wan Depot of permanent receptor site in accordance with the approved TRA.</i></p>	<p><WHA Station Entrance A and B> <i>10 nos. of trees has been felled. 10 nos. of compensatory tree planting would be done on-site in accordance with approved TRA.</i></p> <p><Road Improvement Works at Whampoa> <i>10 nos. has been felled. 10 nos. of compensatory tree planting would be done in accordance with approved TRA.</i></p>
LDR 4.3	<i>Tree planting on Tak Man Street and Tak On Street</i>	<i>East Concourse, WHA Station (WS31 & WS33)</i>	<p><WHA Station Entrance C and D> <i>11 nos. of trees at the vicinity of WHA Entrance C and D has been transplanted to Siu Ho Wan Depot of the temporary nursery site. And, those trees would be relocated back to Tak On Street in accordance with approved TRA.</i></p>	<p><WHA Station Entrance C and D> <i>No tree felling was proposed in accordance with approved TRA.</i></p>

Drawings in Appendix A show the Landscape and Visual Mitigation Measures for WHA and are summarized at Table 2.6 at below for ease of reference.

Table 2.6 Drawings with Landscape and Visual Mitigation Measures

Landscape and Visual Mitigation Measure	Relevant Drawings
OM 2 – Compensatory Tree Planting	1002/W/WHA/HCL/A58/005 1002/W/WHA/HCL/A58/006 1002/W/WHA/HCL/A58/013 1002/W/WHA/HCL/A58/014
Planting Plan Schedule	1002/W/WHA/HCL/A58/308
OM 3 – Horizontal and Slope Greening - <i>Shrub Planting</i>	1002/W/WHA/HCL/A58/005 1002/W/WHA/HCL/A58/006 1002/W/WHA/HCL/A58/301 1002/W/WHA/HCL/A58/302
OM 4 – Vertical Greening	1002/W/WHA/HCL/A70/001 1002/T/WHA/HCL/A58/505 1002/T/WHA/HCL/A58/606 1002/W/WHA/HCL/A70/007 1002/W/WHA/HCL/A70/051 1002/W/WHA/HCL/A70/052 1002/W/WHA/HCL/A70/135 1002/W/WHA/HCL/A70/116 1002/W/WHA/HCL/A70/125

Provided that the mitigation measures for the WHA will be implemented in accordance with the recommendations of the approved KTE EIA report and ERR which was submitted as supporting document for VEPs application, it is therefore concluded that the visual impact assessment as per the approved KTE EIA report still stands with the current designs of WHA. The revised landscape master plan for WHA in the VEP is shown in Appendix B.

2.2. Locations

Please refer to the attached drawings.

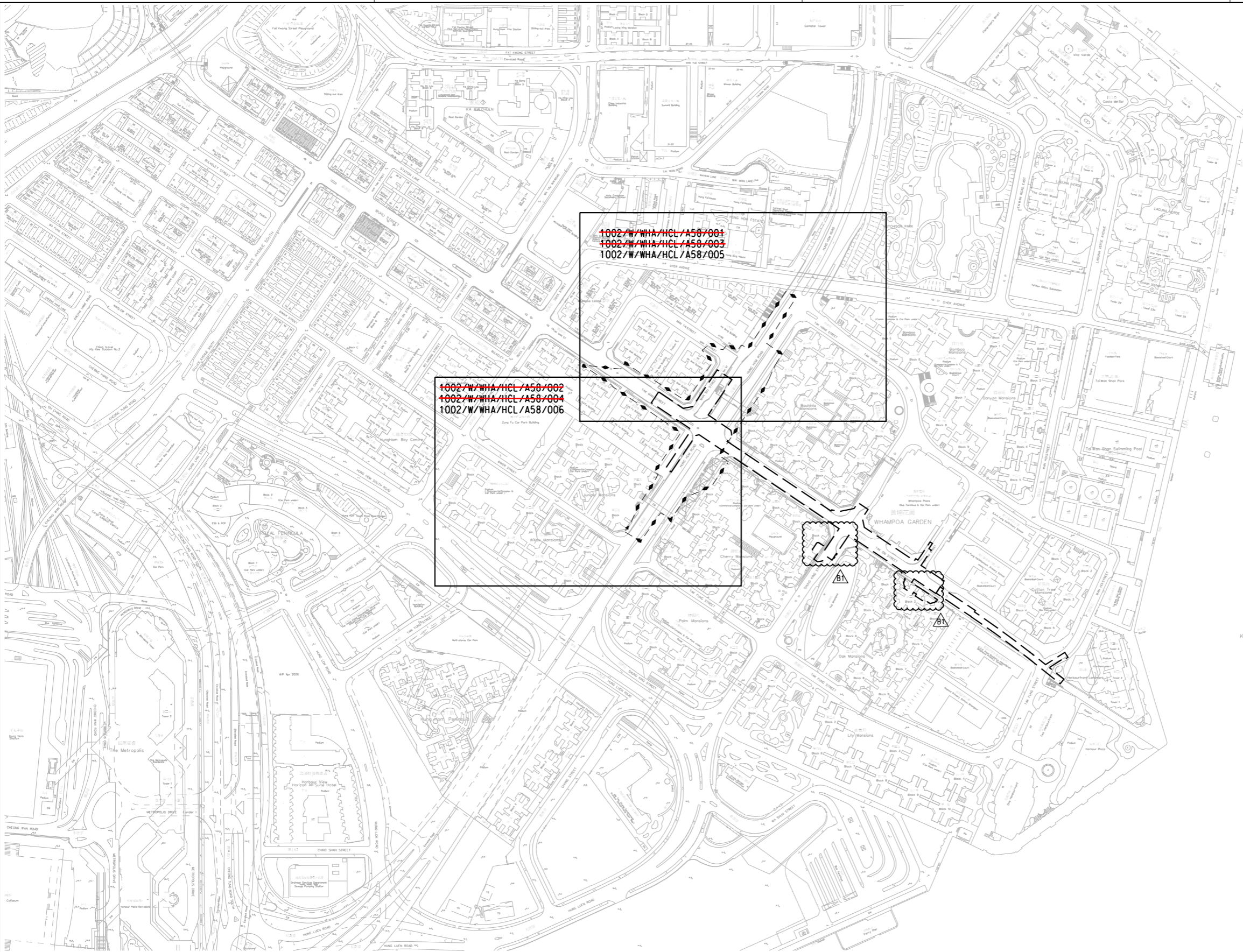
2.3. Implementation Programme

The landscape treatment works has been carried out in September 2016.

2.4. Maintenance and management schedules

MTR Corporation would be responsible for the maintenance of the landscape mitigation measures for one year after completion. The landscape mitigation measures will be then maintained by either MTR, Leisure and Cultural Services Department, or Management Office of Whampoa Garden, depends on the land ownership.

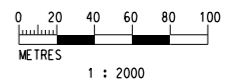
Appendix A –
Landscape and Visual Drawings for
Whampoa Station



NOTES:
 TREE SURVEY PLAN -
 1002/W/WHA/HCL/A58/001 TO 1002/W/WHA/HCL/A58/002
 TREE TREATMENT PLAN -
 1002/W/WHA/HCL/A58/003 TO 1002/W/WHA/HCL/A58/004
 COMPENSATORY PLANTING AND
 TREE TRANSPLANTING PLAN -
 1002/W/WHA/HCL/A58/005 TO 1002/W/WHA/HCL/A58/006



LEGEND:
 - - - - - PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
 ——— TREE SURVEY BOUNDARY



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B1	ISSUE FOR ACP	CF	28DEC15	LL					
A	WORKING DRAWING	CF	06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	LL
DATE	06/MAY/2011

MTR
 KWUN TONG LINE EXTENSION

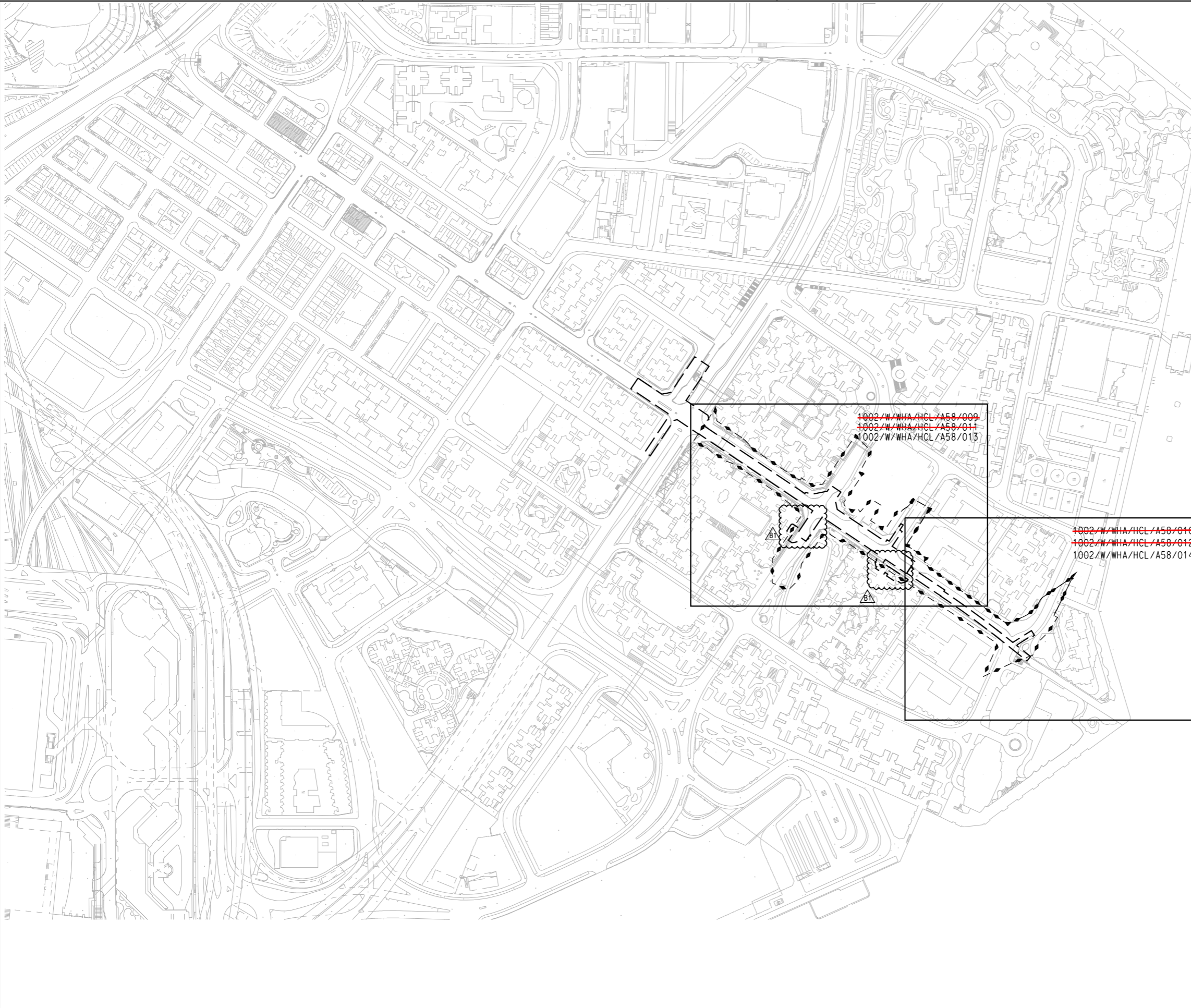
ORIGINATOR: **Hyder**
 SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A58_000B1.DGN

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL LOCATION PLAN - HUNG HOM ROAD, ENTRANCE A & B	
SCALE	DRAWING NO.	REV.	
1 : 200 (A1)	1002/W/WHA/HCL/A58/000	B1	

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.

Plot File: \\c0271\ec0040-sec01\p1\0-ar\ings\CAD_ADMIN\PLT\TCCY\PDF_BW_000461_080924.p1
 Model Name: B1
 File Name: \\c0271\ec0040-sec01\p1\0-ar\ings\CAD_ADMIN\PLT\TCCY\PDF_BW_000461_080924.p1



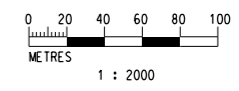
NOTES:

- TREE SURVEY PLAN - 1002/W/WHA/HCL/A58/009 TO 1002/W/WHA/HCL/A58/010
- TREE TREATMENT PLAN - 1002/W/WHA/HCL/A58/011 TO 1002/W/WHA/HCL/A58/012
- COMPENSATORY PLANTING AND TREE TRANSPLANTING PLAN - 1002/W/WHA/HCL/A58/013 TO 1002/W/WHA/HCL/A58/014



LEGEND:

- PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
- TREE SURVEY BOUNDARY



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	DRAWN	CAD	 KWUN TONG LINE EXTENSION ORIGINATOR: SUPPORTED BY: <ul style="list-style-type: none"> • Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd.
					B1	ISSUE FOR ACP	CF	28DEC15	LL	DESIGNED	PCC	
					A	WORKING DRAWING	CF	06MAY11	JH	CHECKED	MAN	
										APPROVED	LL	
										DATE	06/MAY/2011	

TITLE		CONTRACT 1002	
		WHAMPOA STATION AND OVERRUN TUNNEL	
		LOCATION PLAN - WHAMPOA GARDEN, ENTRANCE C & D	
SCALE	DRAWING NO.	REV.	
1 : 2000 (A1)	1002/W/WHA/HCL/A58/008	B1	

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 (C) MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

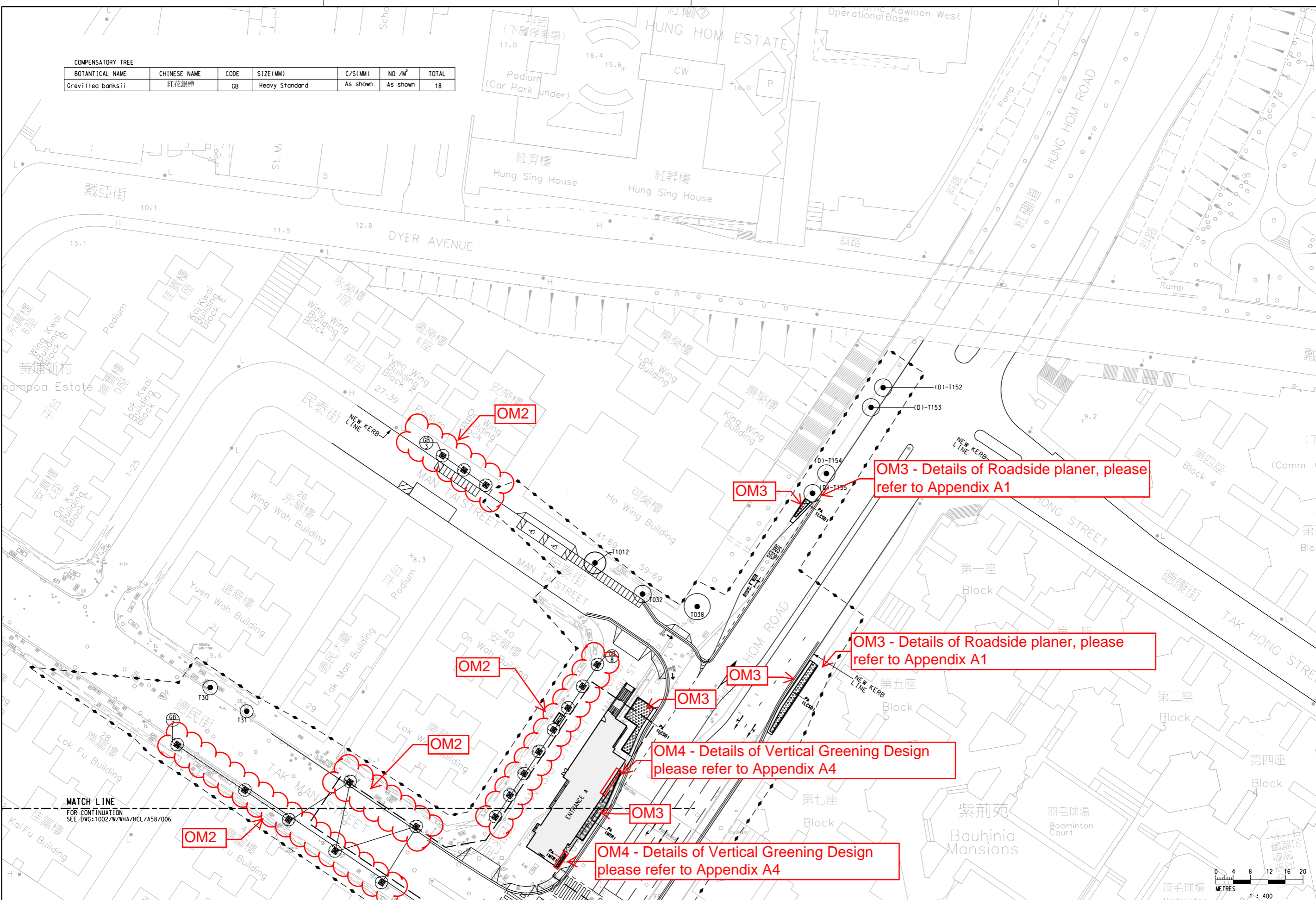
CADD REF. 1002_W_WHA_HCL_A58_008B1.DGN

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.

COMPENSATORY TREE						
BOTANICAL NAME	CHINESE NAME	CODE	SIZE (MM)	C/S (MM)	NO /M ²	TOTAL
<i>Grevillea banksii</i>	紅花銀桦	GB	Heavy Standard	As shown	As shown	18

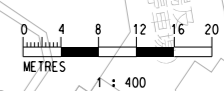
LEGEND:

- PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
- TREE SURVEY BOUNDARY
- RETAIN TREE
- (D)-T152 TREE NUMBER
- GB TREE CODE
- 8 QUANTITY
- COMPENSATORY TREE
- COMPENSATORY TREE IN TREE PIT WITH ROOT BARRIER AND TREE GUARD (DETAIL REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWINGS NO:HS128, HS129, HS130 AND HS131)
- NEW PLANTERS AND PLANTS TO BE MAINTAINED BY MTR
- PA (MTR)
- NEW PLANTERS AND PLANTS TO BE MAINTAINED BY HYD AND (LCSD) LCSD



K:\E000555 KTE C1002\NE-Overrun\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_C080924.plt
 PLOT DRW: K:\E000555 KTE C1002\NE-Overrun\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_C080924.plt
 PRINTED BY: ICHK036 06/05/2011 09:53:45
 FILENAME: K:\E000555 KTE C1002\NE-Overrun\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_C080924.plt

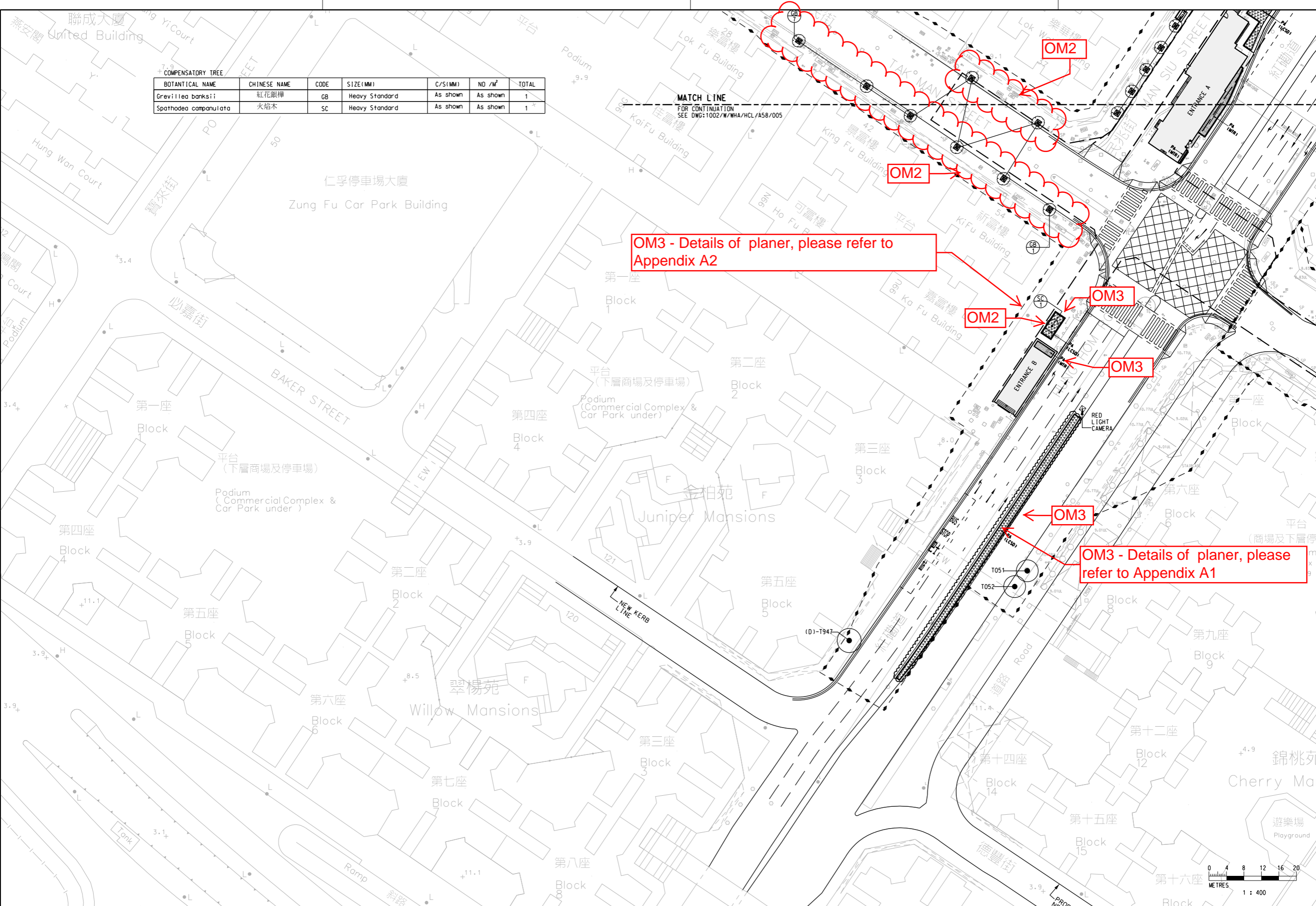
MATCH LINE
FOR CONTINUATION
SEE DWG: 1002/W/WHA/HCL/A58/006



DRAWN CAD		DESIGNED PCC		CHECKED MAN		APPROVED JH		DATE 06/MAY/2011		ORIGINATOR MTR		SUPPORTED BY		TITLE	
										Hyder		• Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd.		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL COMPENSATORY PLANTING PLAN AND TREE TRANSPLANTING PLAN - HUNG HOM ROAD ENTRANCE A & B (SHEET 1 OF 2)	
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.		COPYRIGHT © 2008 MTR CORPORATION LIMITED. ALL RIGHTS RESERVED.		REPRODUCTION OF THIS DRAWING OR ANY PART THEREOF WITHOUT THE WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.		CADD REF. 1002_W_WHA_HCL_A58_005A.DGN		SCALE 1 : 400 (A1)		DRAWING NO. 1002/W/WHA/HCL/A58/005		REV. A			
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED						
A	WORKING DRAWING				CF	06MAY11	JH								

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.

COMPENSATORY TREE						
BOTANICAL NAME	CHINESE NAME	CODE	SIZE (MM)	C/S (MM)	NO / M ²	TOTAL
<i>Grevillea banksii</i>	紅花銀柳	GB	Heavy Standard	As shown	As shown	1
<i>Spathodea campanulata</i>	火焰木	SC	Heavy Standard	As shown	As shown	1



N

LEGEND:

- PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
- - - TREE SURVEY BOUNDARY
- RETAIN TREE
- T051 TREE NUMBER
- GB TREE CODE
- SC QUANTITY
- COMPENSATORY TREE
- COMPENSATORY TREE IN TREE PIT WITH ROOT BARRIER AND TREE GUARD (DETAIL REFER TO HIGHWAYS DEPARTMENT STANDARD DRAWINGS NO: H5128, H5129, H5130 AND H5131)
- SC TREE CODE
- QUANTITY
- PROPOSED RECIPIENT LOCATION OF COMPENSATORY TREE IN PROPOSED LARGE RAISED PLANTER
- ⊗ RED LIGHT CAMERA
- NEW PLANTERS AND PLANTS TO BE MAINTAINED BY MTR (MTR)
- NEW PLANTERS AND PLANTS TO BE MAINTAINED BY HYD AND LCSD (LCSD)

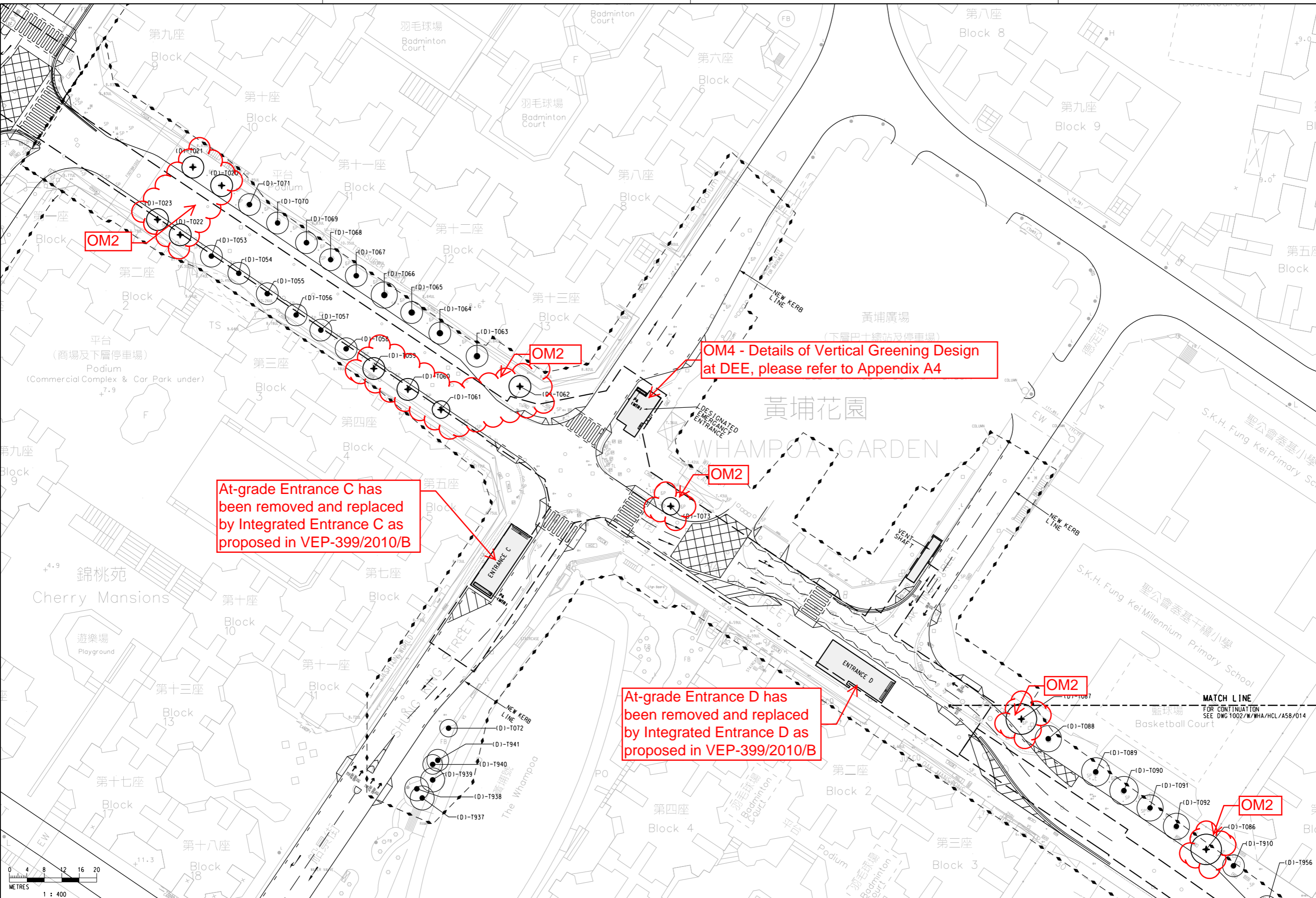


PLOT DRW: K:\EBO00555\KTE_C1002\NE-001\Drawings\CAD_ADMIN\PLT\CEG_VDF_EW_300dpi_080924.plt
 MODELNAME: 1002_NE-001\Drawings\Contract_Drawings\Final\Vol_03\LCSDscape\1002_NE-001_HCL_A58_006A.dgn
 FILENAME: K:\EBO00555\KTE_C1002\NE-001\Drawings\Contract_Drawings\Final\Vol_03\LCSDscape\1002_NE-001_HCL_A58_006A.dgn
 PRINTED BY: ICHK036 06/05/2011 09:55:46
 K:\EBO00555\KTE_C1002\NE-001\Drawings\Contract_Drawings\Final\Vol_03\LCSDscape\1002_NE-001_HCL_A58_006A.dgn

DRAWN CAD DESIGNED PCC CHECKED MAN APPROVED JH DATE 06/MAY/2011				MTR KWUN TONG LINE EXTENSION ORIGINATOR: HYDER SUPPORTED BY: <ul style="list-style-type: none"> • Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd. 				TITLE CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL COMPENSATORY PLANTING PLAN AND TREE TRANSPLANTING PLAN - HUNG HOM ROAD, ENTRANCE A & B (SHEET 2 OF 2)			
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. (C) MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.				CADD REF. 1002_W_WHA_HCL_A58_006A.DGN				SCALE 1 : 400 (A1) DRAWING NO. 1002/W/WHA/HCL/A58/006 REV. A			
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED		
A	WORKING DRAWING				CF	06MAY11			JH		

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.

PLOT DRW: K:\EBO00555\KTE_C002\NE-001\Drawings\CAD_ADMIN\PLT\TCEV_PDF_EW_300dpi_080924.plt
 MODELNAME: K:\EBO00555\KTE_C002\NE-001\Drawings\CAD_ADMIN\PLT\TCEV_PDF_EW_300dpi_080924.plt
 FILENAME: K:\EBO00555\KTE_C002\NE-001\Drawings\CAD_ADMIN\PLT\TCEV_PDF_EW_300dpi_080924.plt



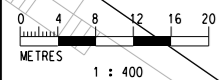
LEGEND:

- PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
- - - TREE SURVEY BOUNDARY
- RETAIN TREE
(D)-T070 TREE NUMBER
- ⊕ RECIPIENT LOCATION FOR TRANSPLANTED TREE REPLANTED FROM HOLDING NURSERY
(D)-T021 TREE NUMBER
- NEW PLANTERS AND PLANTS TO BE MAINTAINED BY MTR
PA (MTR)

At-grade Entrance C has been removed and replaced by Integrated Entrance C as proposed in VEP-399/2010/B

OM4 - Details of Vertical Greening Design at DEE, please refer to Appendix A4

At-grade Entrance D has been removed and replaced by Integrated Entrance D as proposed in VEP-399/2010/B



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING		06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF: 1002_W_WHA_HCL_A58_013A.DGN

TITLE: **CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL COMPENSATORY PLANTING PLAN AND TREE TRANSPLANTING PLAN - WHAMPOA GARDEN - ENTRANCE C & D (SHEET 1 OF 2)**

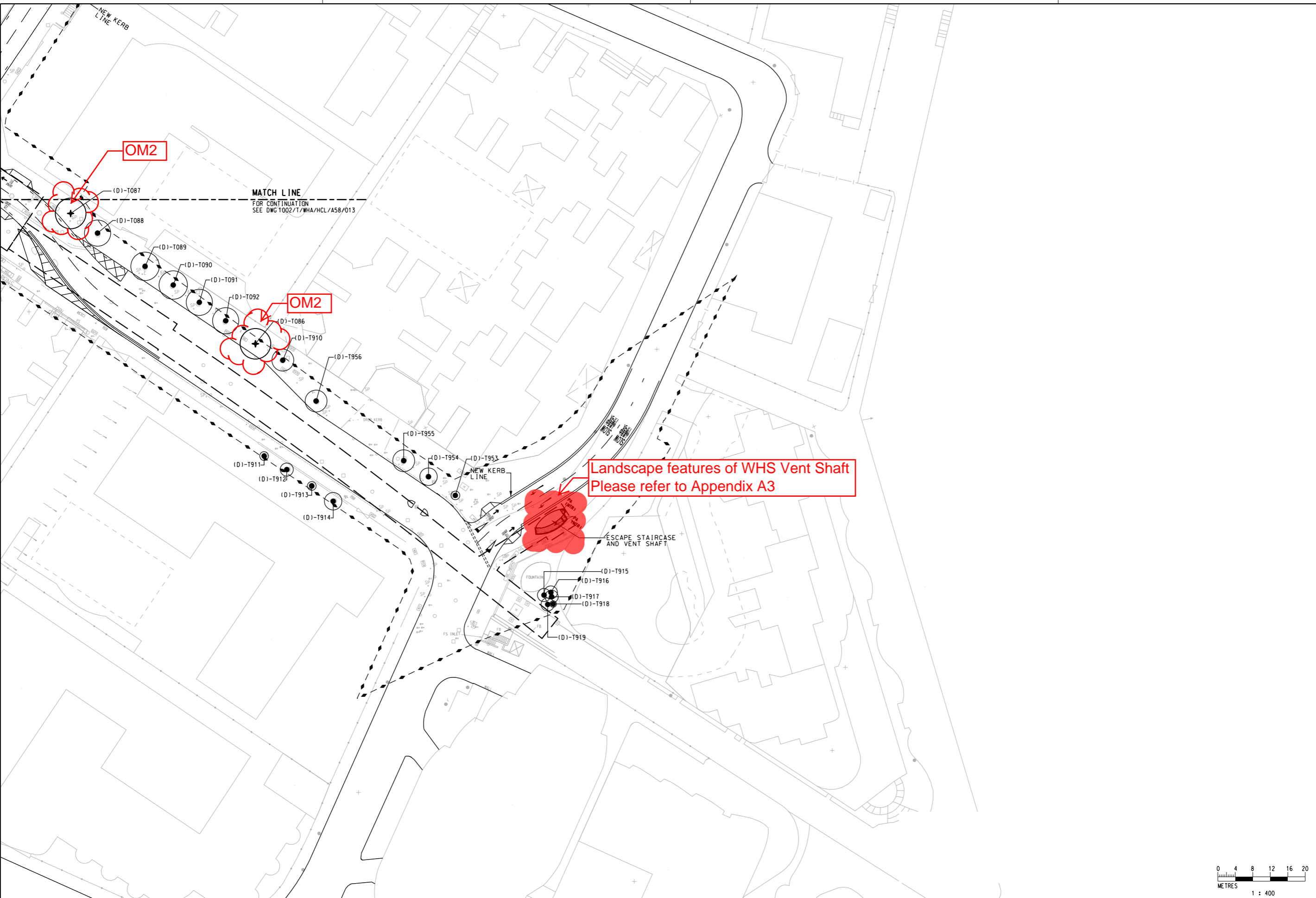
SCALE: 1 : 400 (A1)

DRAWING NO: 1002/W/WHA/HCL/A58/013

REV: A

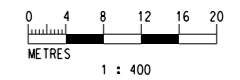
Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.

PLOT DRW: K:\EBO00555 KTE C1002\NE-002\Drawings\CAD_ADMIN\PLT\C02_VDF_BW_300dpi_080924.plt
 MODELNAME: K:\EBO00555 KTE C1002\NE-002\Drawings\CAD_ADMIN\PLT\C02_VDF_BW_300dpi_080924.plt
 FILENAME: K:\EBO00555 KTE C1002\NE-002\Drawings\CAD_ADMIN\PLT\C02_VDF_BW_300dpi_080924.plt



LEGEND:

- PROPOSED RAILWAY STATION AND OTHER RAILWAY FACILITIES (UNDERGROUND)
- - - TREE SURVEY BOUNDARY
- RETAIN TREE
(D1)-T070 TREE NUMBER
- ⊕ RECIPIENT LOCATION FOR TRANSPLANTED TREE REPLANTED FROM HOLDING NURSERY
(D1)-T021 TREE NUMBER
- ▨ NEW PLANTERS AND PLANTS TO BE MAINTAINED BY MTR
PA (MTR)



REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	CF	06MAY11	JH

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 (C) MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

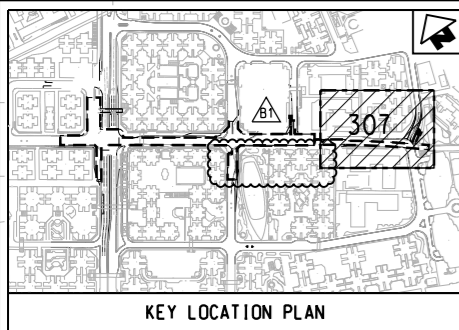
CADD REF: 1002_W_WHA_HCL_A58_014A.DGN

TITLE

CONTRACT 1002
WHAMPOA STATION AND OVERRUN TUNNEL
COMPENSATORY PLANTING PLAN AND TREE TRANSPLANTING PLAN -
ESCAPE STAIRCASE AND VENT SHAFT AT WAN HOI STREET
(SHEET 2 OF 2)

SCALE: 1 : 400 (A1) DRAWING NO: 1002/W/WHA/HCL/A58/014 REV: A

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.



KEY LOCATION PLAN

Yung Kei Millennium Primary School

籃球場
Basketball Court

籃球場
Basketball Court
紅棉苑
Cotton Tree Mansions

平台
(下層停車場)
Podium
(Car Park under)

第四座
Block 4

第五座
Block 5

TAK ON STREET

葛量洪校友會黃埔學校
G.C.E. Past Student's Association
Whampoa Primary School

NG STREET

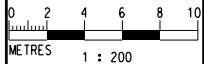
WAN HOI STREET

OM3
OM3
OM3
APE STAIRCASE AND T SHAFT

LEGEND:

- NEW PAVING TO MATCH EXISTING
- PLANT CODE QUANTITY
- PLANTING AREA
- CLIMBER

GENERAL NOTES:
1: THE RE-PROVISIONING/REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



PLOT DRW: K:\EBO00555 KTE C002\VE-00\Drawings\CAD_ADMIN\PLT\TCE\PDF_EW_300dpi_080924.plt
 PRINTED BY: ICHK036 12/30/2016 9:40:57 AM
 FILENAME: K:\EBO00555 KTE C002\VE-00\Drawings\DRAWING\04-As Built Drawings\A58_307A1.dgn

		APPROVED AS-BUILT DRAWING Signed: <i>Oscar Wong</i> Date: DDMMYYYY		DRAWN CAD DESIGNED PCC CHECKED MAN APPROVED LL DATE 29/DEC/2016				KWUN TONG LINE EXTENSION ORIGINATOR: Hyder SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.		
3	AS-BUILT (ACP)	CF	29DEC16	LL	DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.				CADD REF. 1002_Z_WHA_HCL_A58_307A1.DGN	

CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTING PART PLAN (SHEET 5 OF 5)		SCALE 1 : 200 (A1)	DRAWING NO. 1002/Z/WHA/HCL/A58/307	REV. A1
---	--	--------------------	------------------------------------	---------

COMPENSATORY TREE

BOTANICAL NAME	CHINESE NAME	CODE	SIZE(MM)	C/S(MM)	NO /M ²	TOTAL
Grevillea banksii	紅花銀樺	GB	Heavy Standard	As shown	As shown	19
Spathodea campanulata	火焰木	SC	Heavy Standard	As shown	As shown	1

SHRUB

BOTANICAL NAME	CHINESE NAME	CODE	SIZE(HIGHT X SPREAD)	SPACING(mm)	DENSITY (NOS./sqm)	TOTAL	REMARKS
Asparagus densiflorus 'sprengeri'	天冬	Ade	200x300	200	28.9	144	
Calliandra haematocephala	紅絨球	Cha	300x400	300	12.89	70	
Crinum asiaticum	文殊蘭	Cas	300x400	300	12.89	69	
Ixora chinensis	龍船花	Ich	300x300	300	12.89	292	
Liriope spicata	山麥冬	Lsp	100x200	100	115.5	255	
Schefflera arboricola 'Trinette'	花葉八葉/斑葉鵝掌藤	Sca	300x300	300	12.89	1289	

GROUNDCOVERS

BOTANICAL NAME	CHINESE NAME	CODE	SIZE(HIGHT X SPREAD)	SPACING(mm)	DENSITY (NOS./sqm)	TOTAL	REMARKS
Lantana camara 'Flava'	黃花馬纓丹	Lca	100x300	250	18.48	1505	
Wedelia trilobata	三裂葉鵝掌菊	Wtr	100x300	300	12.89	146	


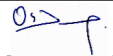


CLIMBERS

BOTANICAL NAME	CHINESE NAME	CODE	SIZE	SPACING(mm)	DENSITY (NOS./m)	TOTAL	REMARKS
Tristellateia australasiae	三星果藤	Tau	1000 LONG	300	1.2	35	

GENERAL NOTES

- EXISTING TREES/VEGETATION:**
THE CONTRACTOR SHALL PROTECT ALL TREES TO BE RETAINED WITHIN THE SITE AND WORKS AREAS AND THOSE WITH CLOSE PROXIMITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTATING EXISTING/ RETAINED VEGETATION AFFECTED BY THE WORKS.
- GROUND PREPARATION:**
GROUND PREPARATION SHALL BE CARRIED OUT TO ALL AREAS (EXCEPT AREAS OCCUPIED BY ROOTS OF EXISTING TREES) TO BE PLANTED, AS SPECIFIED IN SPECIFICATION.
- SOILING:**
ALL PLANTING AREAS(EXCEPT ROOF PLANTER) SHALL RECEIVE MINIMUM 600MM OF SOIL MIX FOR PLANTING SHRUBS AND MINIMUM 1200MM OF SOIL MIX FOR PLANTING TREES.
- MULCHING:**
ALL PLANTING AREAS SHALL BE MULCHED TO A DEPTH OF BETWEEN 50MM AND 70MM. FINISH LEVEL OF MULCH SHALL BE 25MM BELOW ADJACENT FINISHED SURFACES
- PLANTING PATTERN:**
ALL PLANTS ARE TO BE PLANTED IN STAGGERED PATTERN AT SPACINGS INDICATED IN THE SCHEDULE IN THE AREAS INDICATED ON THE DRAWINGS. CLIMBING PLANTS SHALL BE PLANTED AGAINST SUPPORTING STRUCTURES SUCH AS TRELLIS IN ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- TREE PLANTING:**
LOCATIONS OF TREES (INCLUDING TRANSPLANTS) ARE SHOWN ON THE DRAWINGS. SPACING INDICATED IN THE PLANT SCHEDULE IS INDICATIVE. TREES SHALL BE LOCATED TO AVOID ANY BEAMS, UNDERGROUND UTILITIES, DRAINAGE OR IRRIGATION PIPES.
- TREE PIT FOR HEAVY STANDARD TREES:**
HEAVY STANDARD TREES SHALL BE PLANTED IN THE PREPARED TREE PITS WITH ROOT BARRIER WITH TREE GUARD (DEATIL REFER TO HYD STANDARD DRAWINGS H5128, H5129, H5130 AND H5131) SO THAT THE FINAL LEVEL OF THE ROOT COLLAR SHOULD BE 50MM HIGHER THAN THE FINAL SOIL LEVEL.
- STAKING:**
BAMBOO TRIPOD STAKING SHALL BE USED FOR ALL TREES IN PLANTING BED. TREE TRUNKS SHALL BE PROTECTED BY USING RUBBER HOSE PROTECTIVE SLEEVING OR SIMILAR.
- UNDERGROUND UTILITIES**
UTILITY AND MANHOLE COVERS SHOWN ON THE PLANS ARE INDICATIVE, AND THE CONTRACTOR SHALL CHECK AND VERIFY EXACT LOCATIONS ON SITE. NO TREE SHALL BE PLANTED WITHIN 1 M OF A MANHOLE OR DRAINAGE U-CHANNEL. THERE SHALL BE NO PLANTING WITHIN THE SPACE OF 1.5M AROUND THE COVER OF ANY HYDRANT VALVE OR THE COVER OF WSD'S VALVES, OR WITHIN A DISTANCE OF 1M FROM ANY HYDRANT OUTLET. NO TREE SHALL BE PLANTED WITHIN 500mm OF A ROAD KERB OR ENGINEERING STRUCTURE.
- ROOT CONTROL BARRIER**
A 1.2m DEEP ROOT CONTROL BARRIER SHALL BE INSTALLED ADJACENT TO WHERE UNDERGROUND UTILITIES ARE INDICATED ON CIVIL AND STRUCTURAL DRAWINGS IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION
- WATERING:**
THE CONTRACTOR SHALL PROVIDE ADEQUATE WATERING TO ALL PLANTED AREAS.
- ESTABLISHMENT WORKS:**
ALL PLANTED MATERIAL SHALL BE MAINTAINED AFTER PLANTING FOR A PERIOD AS SPECIFIED IN THE CONTRACT DOCUMENTS.

PLOT DRW: K:\EBO00555 KTE C:\02\VE-0\Drawings\CAD_ADMIN\PLT\TCE\PDF_EW_300dpi_080924.plt
 MODEL NAME: ICHKR036 PRINTED BY: ICHKR036 12/29/2016 5:50:22 PM
 FILE NAME: K:\EBO00555 KTE C:\02\VE-0\Drawings\DRAWING\04-A5-Built Drawings\ACP\Vol 03\0002_Z.WHA_HCL_A58_308A.dgn

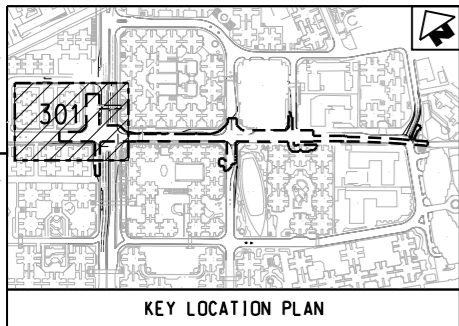
 APPROVED AS-BUILT DRAWING Signed:  Date: ____/____/____ Oscar Wong	A1 AS-BUILT (ACP)	CF 29DEC16 LL	DRAWN CAD DESIGNED PCC CHECKED MAN APPROVED LL DATE 29/DEC/2016 <small>DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. (C) MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.</small>	 KWUN TONG LINE EXTENSION ORIGINATOR  SUPPORTED BY <ul style="list-style-type: none"> • Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd. 	TITLE CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTING SCHEDULE
3			CADD REF. 1002_Z_WHA_HCL_A58_308A1.DGN	SCALE N.T.S.	DRAWING NO. 1002/Z/WHA/HCL/A58/308
REV	DESCRIPTION	BY	DATE	APPROVED	REV
A1	AS-BUILT (ACP)	CF	29DEC16	LL	A1

Appendix A1 –

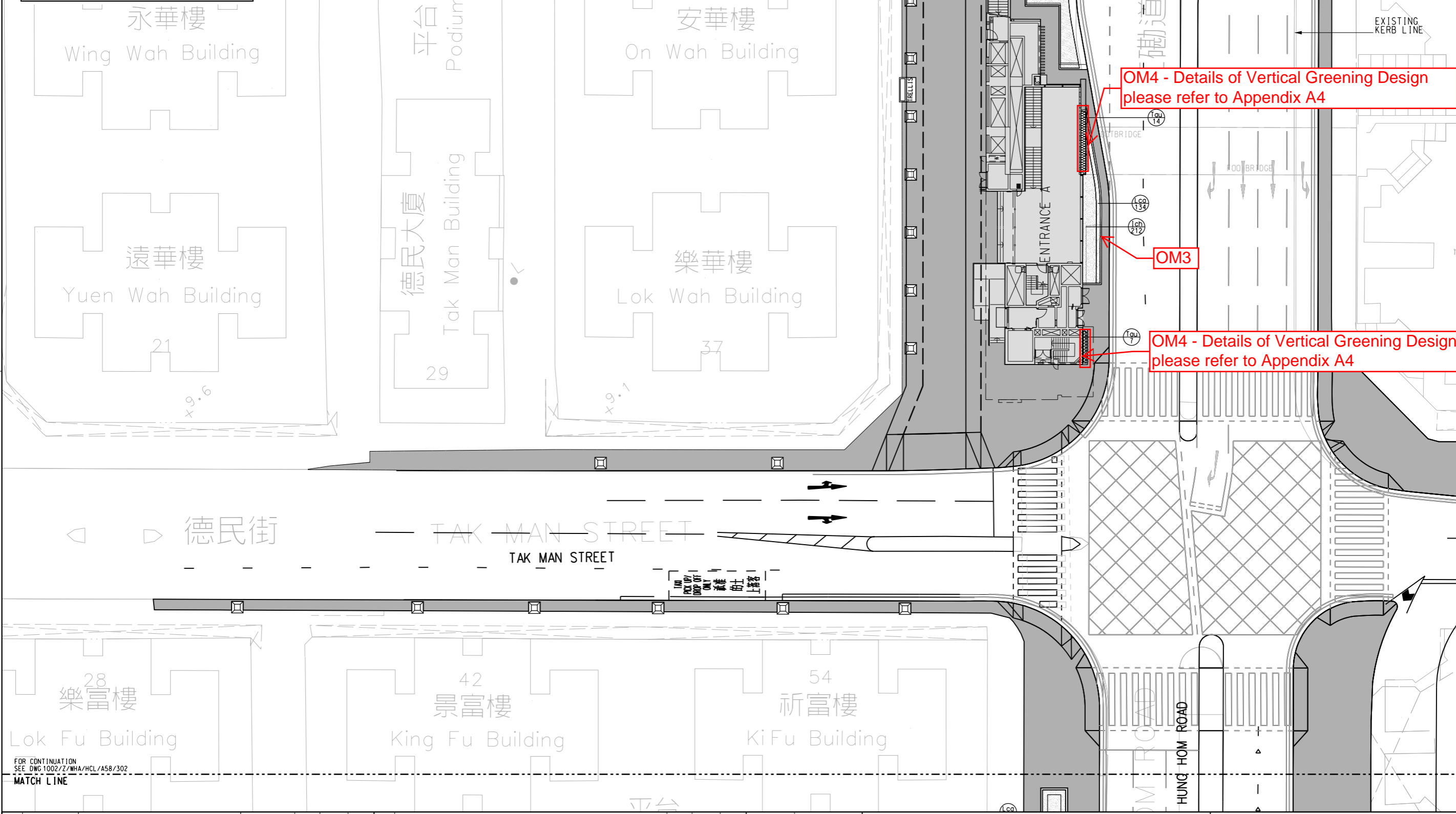
Landscape and Visual Drawings for
Whampoa Station

Details of Planter for Entrance A

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.



FOR CONTINUATION
SEE DWG 1002/Z/WHA/HCL/A58/300
MATCH LINE



LEGEND:

- NEW PAVING TO MATCH EXISTING
- PLANT CODE QUANTITY (e.g., C22)
- PLANTING AREA
- PLANT CODE QUANTITY (e.g., T22)
- CLIMBER
- TREE PIT WITH ROOT BARRIER AND TREE GUARD (DETAIL REFER HYD DRAWINGS NO. H5128, H5129, H5130 AND H5131)
- TRELLIS: RECIPIENT LOCATION OF EXISTING TRELLIS AND SITTING BENCH AFTER RELOCATION

GENERAL NOTES:
1. THE RE-PROVISIONING/REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.

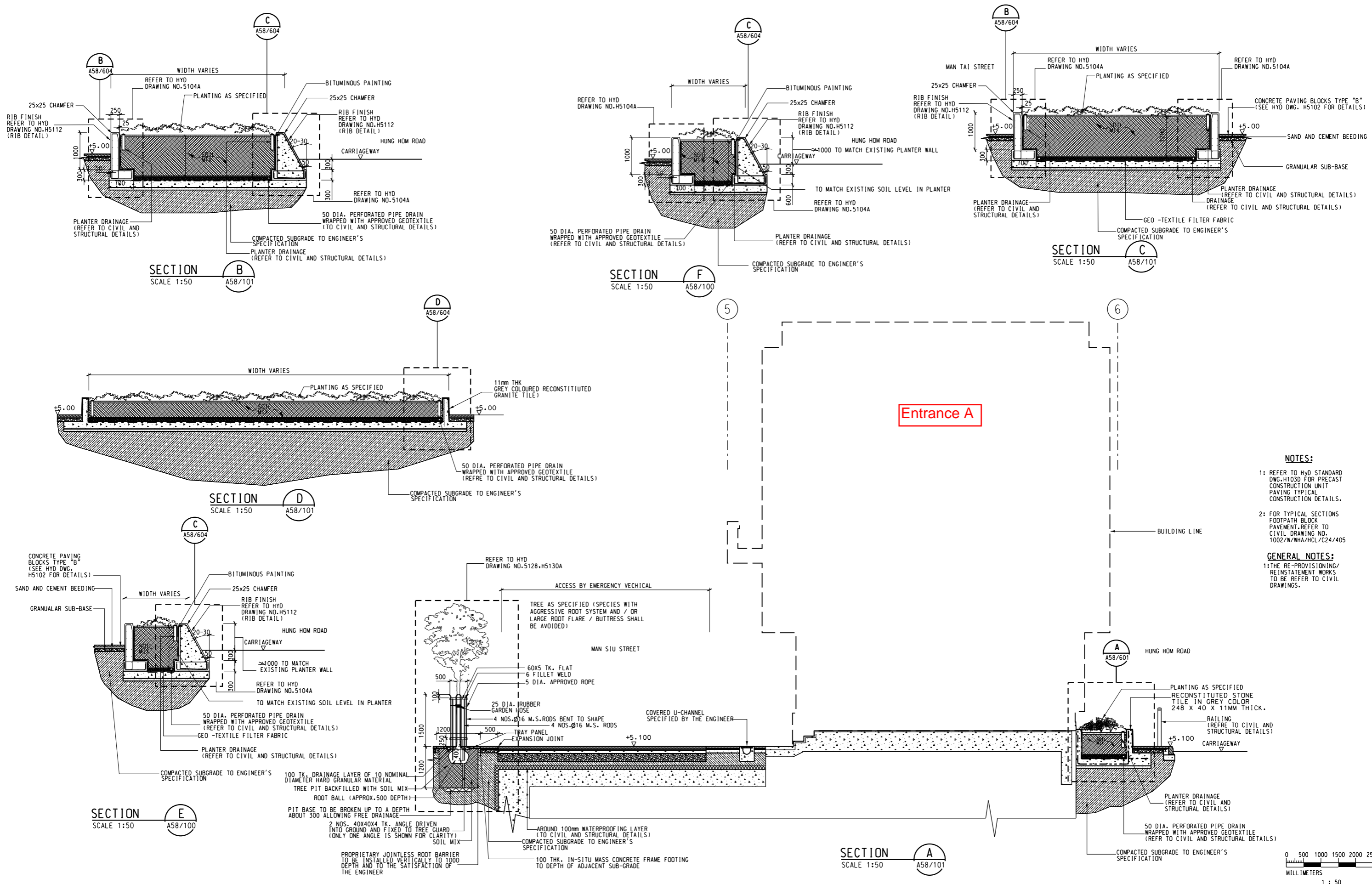
OM4 - Details of Vertical Greening Design please refer to Appendix A4

OM4 - Details of Vertical Greening Design please refer to Appendix A4

K:\E000555 KTE C1002\E-00\Drawings\CAD_ADMIN\PLT\CFV.PDF, BW_300dpi, C080924.plt
 PLOT DRW: K:\E000555 KTE C1002\E-00\Drawings\CAD_ADMIN\PLT\CFV.PDF, BW_300dpi, C080924.plt
 PRINTED BY: ICHK036 12/29/2016 5:52:05 PM
 MODELNAME: K:\E000555 KTE C1002\E-00\Drawings\CAD_ADMIN\PLT\CFV.PDF, BW_300dpi, C080924.plt
 FILENAME: K:\E000555 KTE C1002\E-00\Drawings\CAD_ADMIN\PLT\CFV.PDF, BW_300dpi, C080924.plt

FOR CONTINUATION
SEE DWG 1002/Z/WHA/HCL/A58/302
MATCH LINE

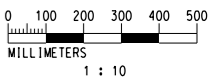
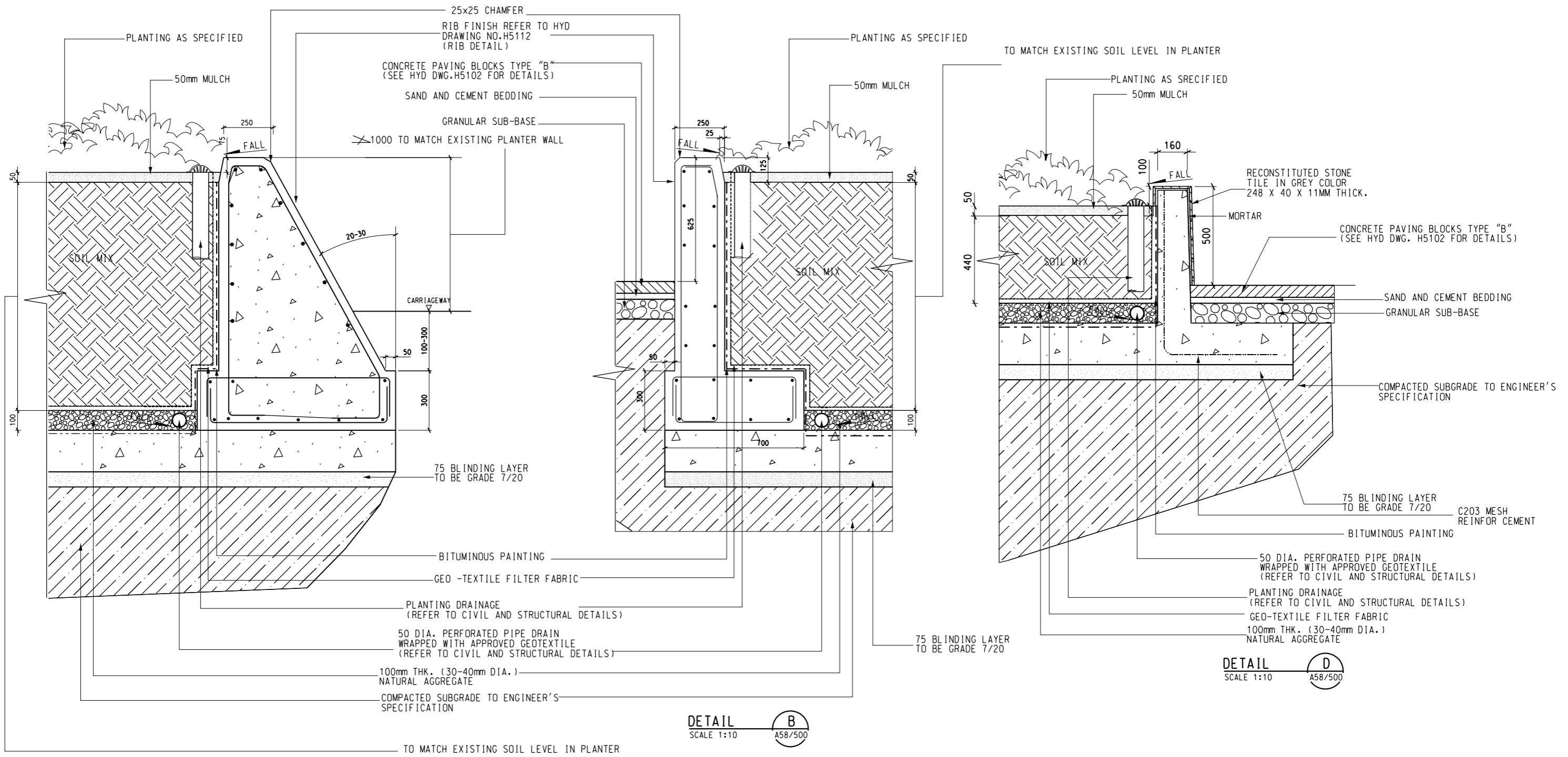
		APPROVED AS-BUILT DRAWING Signed: <i>Oscar Wong</i> Date: DDMMYYYY		A1 AS-BUILT (ACP)		CF 29DEC16 LL		DRAWN CAD DESIGNED PCC CHECKED MAN APPROVED LL DATE 29/DEC/2016				CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTING PART PLAN (SHEET 2 OF 5)		SCALE 1 : 200 (A1) DRAWING NO. 1002/Z/WHA/HCL/A58/301 REV. A1	
ORIGINATOR:		SUPPORTED BY: <ul style="list-style-type: none"> Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd. 		CADD REF. 1002_Z_WHA_HCL_A58_301A1.DGN		TITLE CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTING PART PLAN (SHEET 2 OF 5)		SCALE 1 : 200 (A1)		DRAWING NO. 1002/Z/WHA/HCL/A58/301		REV. A1			



- NOTES:**
- REFER TO HYD STANDARD DWG. H1030 FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.
 - FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT, REFER TO CIVIL DRAWING NO. 1002/W/WHA/HCL/C24/405
- GENERAL NOTES:**
- THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.

PLOT DRY: K:\E0000555 KTE C002\E-000\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_080924.plt
 MODEL NAME: K:\E0000555 KTE C002\E-000\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_080924.plt
 FILE NAME: K:\E0000555 KTE C002\E-000\Drawings\CAD_ADMIN\PLT\CTC\PDF_BW_300dpi_080924.plt

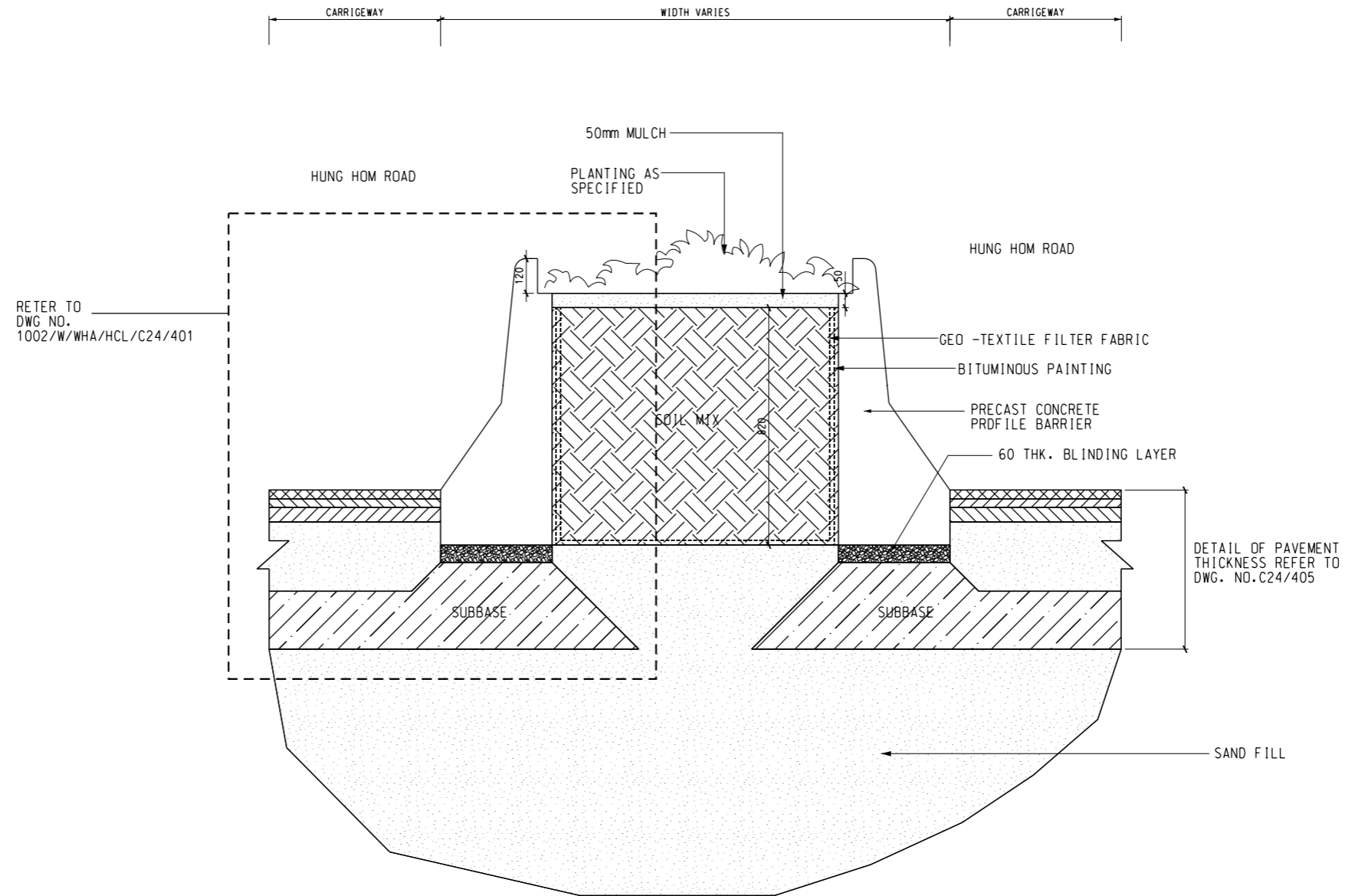
DRAWN		CAD		MTR		TITLE	
DESIGNED		PCC		KWUN TONG LINE EXTENSION		CONTRACT 1002	
CHECKED		MAN		ORIGINATOR		WHAMPOA STATION AND OVERRUN TUNNEL	
APPROVED		JH		SUPPORTED BY		ENTRANCE A PLANTER SECTION	
DATE		06/MAY/2011		• Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd.		(SHEET 1 OF 5)	
CADD REF.		1002_W_WHA_HCL_A58_500A.DGN		SCALE		1 : 50 (A1)	
REV		DESCRIPTION		DRAWING NO.		1002/W/WHA/HCL/A58/500	
BY		DATE		REV.		A	



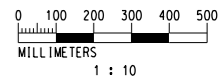
DRAWN: CAD		DESIGNED: PCC		CHECKED: MAN		APPROVED: JH		DATE: 06/MAY/2011		ORIGINATOR: MTR		SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.		TITLE: CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTER DETAIL (SHEET 4 OF 8)	
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.		© MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.		CADD REF.: 1002_W_WHA_HCL_A58_604A.DGN		SCALE: 1 : 10 (A1)		DRAWING NO.: 1002/W/WHA/HCL/A58/604		REV.: A					
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED						
A	WORKING DRAWING	CF	06MAY11	JH											

- NOTES:**
- 1: REFER TO HYD STANDARD DWG. H103D FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.
 - 2: FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT, REFER TO CIVIL DRAWING NO. 1002/W/WHA/HCL/C24/405

- GENERAL NOTES:**
- 1: THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



DETAIL B
 SCALE 1:10 A58/501



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	CF	06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY:

- Ronald Lu and Partners HK Ltd.,
- Davis Langdon and Seah HK Ltd.,
- MVA HK Ltd.,
- ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A58_605A.DGN

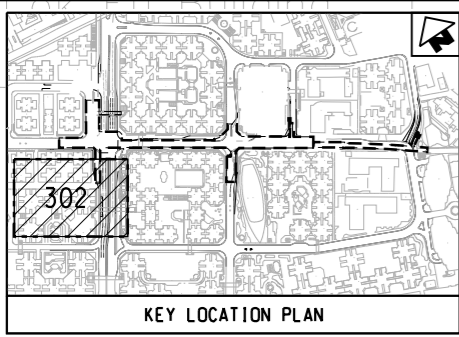
TITLE		CONTRACT 1002	
		WHAMPOA STATION AND OVERRUN TUNNEL	
		PLANTER DETAIL	
		(SHEET 5 OF 8)	
SCALE	DRAWING NO.	REV.	
1 : 10 (A1)	1002/W/WHA/HCL/A58/605	A	

Appendix A2 –

Landscape and Visual Drawings for
Whampoa Station

Details of Planter for Entrance B

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.



FOR CONTINUATION
SEE DWG 1002/Z/WHA/HCL/A58/301
MATCH LINE

Kai Fu Building

Ho Fu Building

Ka Fu Building

第一座
Block 1

第二座
Block 2

第三座
Block 3

第四座
Block 4

第五座
Block 5

平台
(下層商場及停車場)
Podium
(Commercial Complex &
Car Park under)

金柏苑
Juniper Mansions

OM3

OM3

OM3

RED LIGHT CAMERA

NEW KERB LINE

HUNG HONG ROAD

BUS STOP

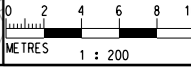
紅磡道

道路 Road

LEGEND:

- NEW PAVING TO MATCH EXISTING
- PLANT CODE QUANTITY
- PLANTING AREA

GENERAL NOTES:
1: THE RE-PROVISIONING/REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



PLOT DRW: K:\EBO00555 KTE C1002\E-OurDrawings\CAD_ADMIN\PLT\TCE\PDF_EW_310dpl_C080924.plt
 MODELNAME: K:\EBO00555 KTE C1002\E-OurDrawings\CAD_ADMIN\PLT\TCE\PDF_EW_310dpl_C080924.plt
 FILENAME: K:\EBO00555 KTE C1002\E-OurDrawings\CAD_ADMIN\PLT\TCE\PDF_EW_310dpl_C080924.plt

MTR
APPROVED AS-BUILT DRAWING
Signed: Oscar Wong
Date: DDMMYY

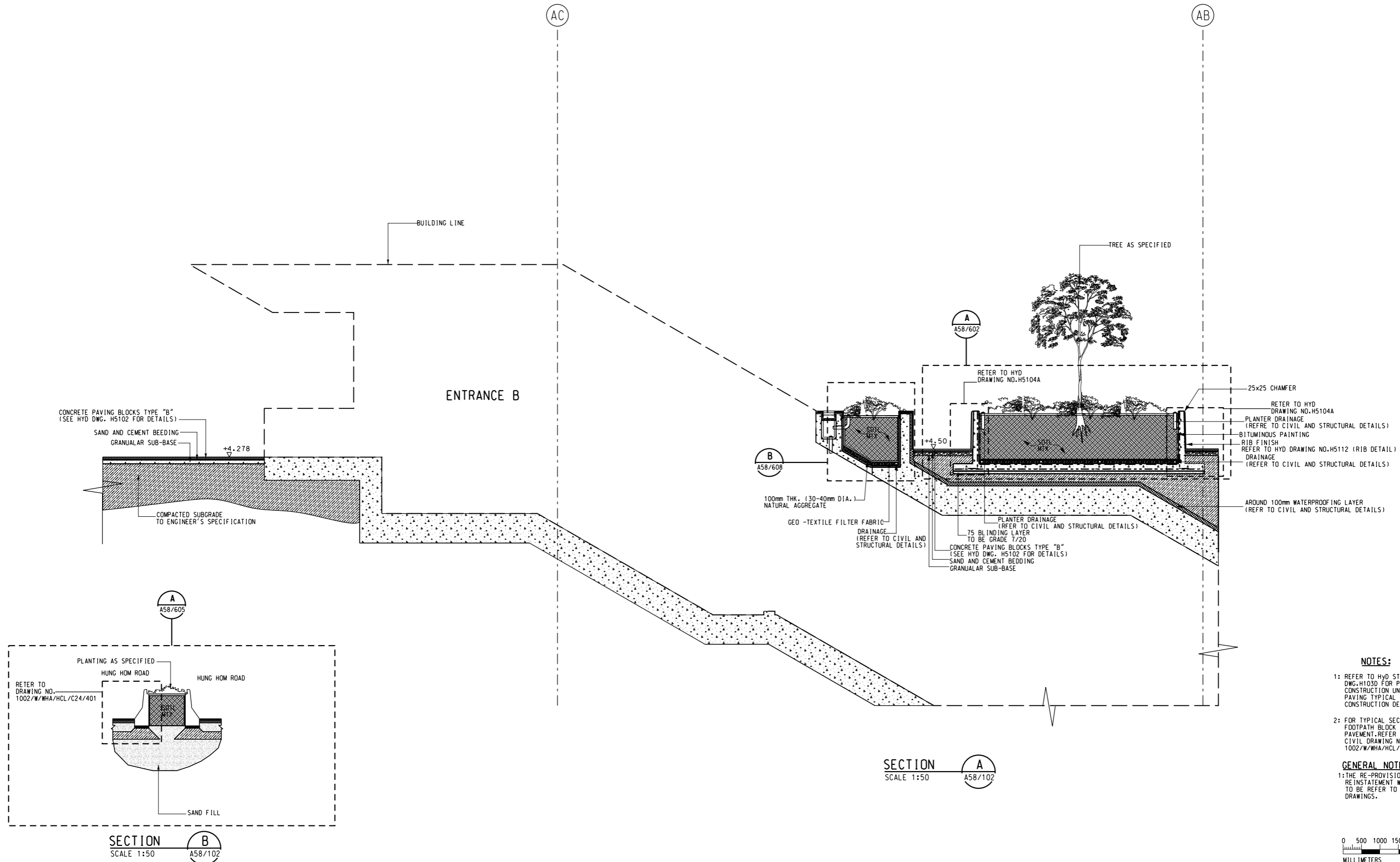
DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	LL
DATE	29/DEC/2016
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.	

MTR
KWUN TONG LINE EXTENSION
ORIGINATOR: Hyder
SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTING PART PLAN (SHEET 3 OF 5)	
SCALE	DRAWING NO.	REV.	
1 : 200 (A1)	1002/Z/WHA/HCL/A58/302	A1	

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A1	AS-BUILT (ACP)	CF	29DEC16	LL					

CADD REF. 1002_Z_WHA_HCL_A58_302A1.DGN



NOTES:

- REFER TO HYD STANDARD DWG-H103D FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.
- FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT-REFER TO CIVIL DRAWING NO. 1002/W/WHA/HCL/C24/405

GENERAL NOTES:

- THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.

0 500 1000 1500 2000 2500
MILLIMETERS
1 : 50

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	CF	06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

MTR

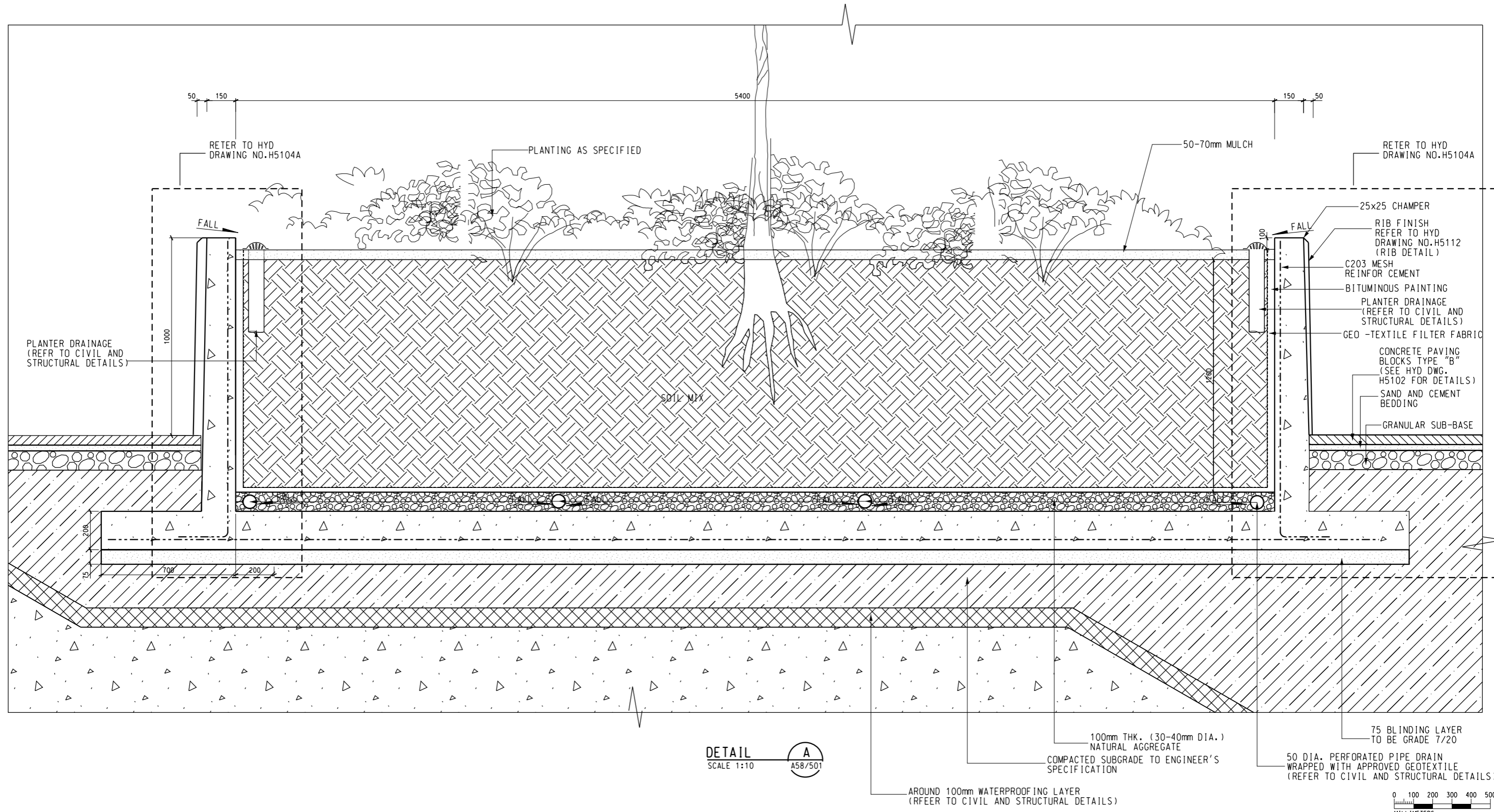
KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A58_501A.DGN

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ENTRANCE B PLANTER SECTION (SHEET 2 OF 5)	
SCALE	DRAWING NO.	REV.	
1 : 50 (A1)	1002/W/WHA/HCL/A58/501	A	



DETAIL A
 SCALE 1:10

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	CF	06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

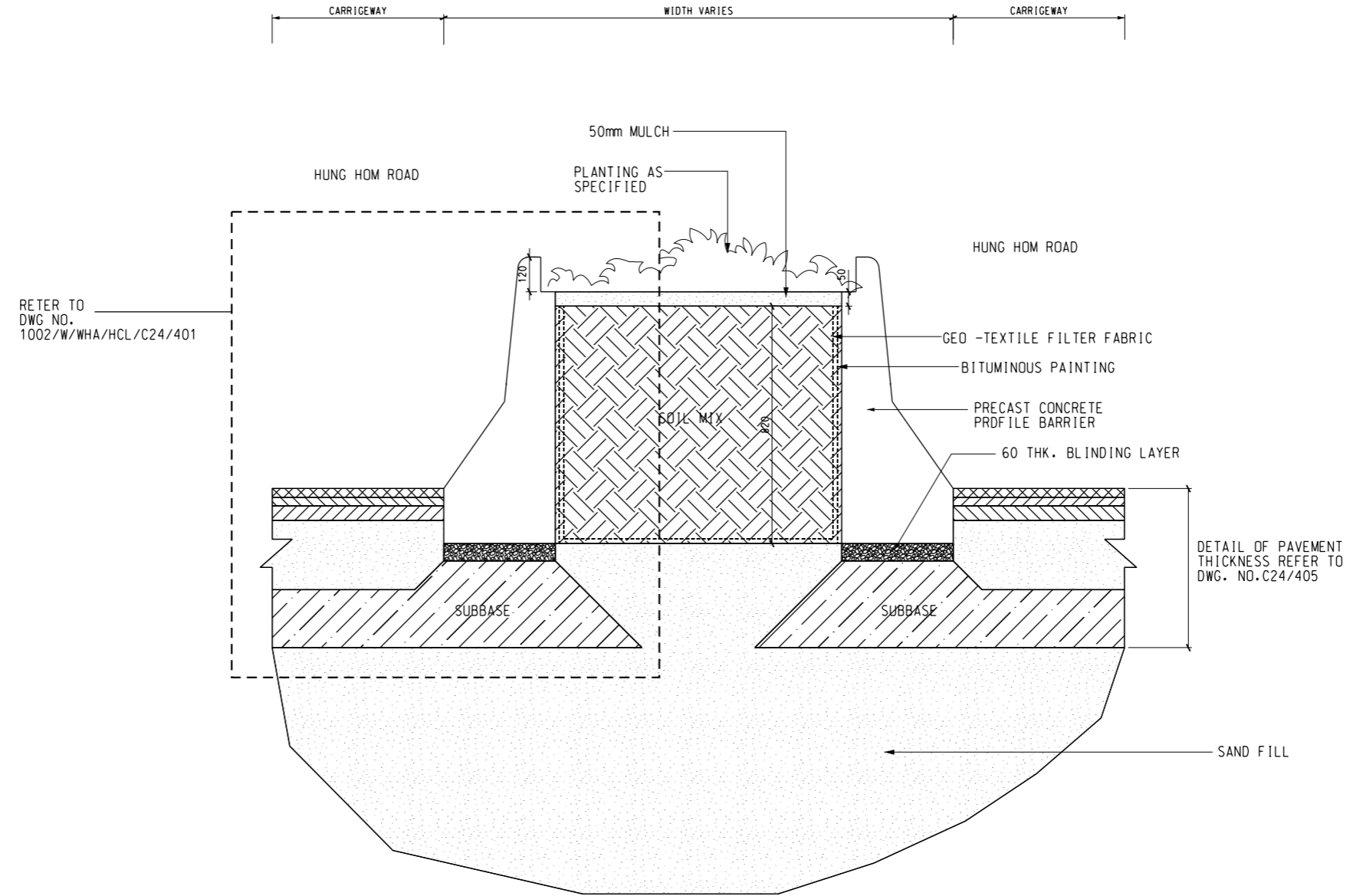
CADD REF. 1002_W_WHA_HCL_A58_602A.DGN

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTER DETAIL (SHEET 2 OF 8)	
SCALE	DRAWING NO.	REV.	
1 : 10 (A1)	1002/W/WHA/HCL/A58/602	A	

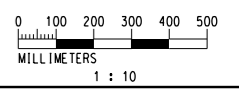
- NOTES:**
- 1: REFER TO HYD STANDARD DWG. H103D FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.
 - 2: FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT, REFER TO CIVIL DRAWING NO. 1002/W/WHA/HCL/C24/405

GENERAL NOTES:

- 1: THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



DETAIL
SCALE 1:10



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	CF	06MAY11	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A58_605A.DGN

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL PLANTER DETAIL (SHEET 5 OF 8)	
SCALE	DRAWING NO.	REV.	
1 : 10 (A1)	1002/W/WHA/HCL/A58/605	A	

Appendix A3 –

Landscape and Visual Drawings for
Whampoa Station

Details of Planter at Wan Hoi Street
Vent Shaft

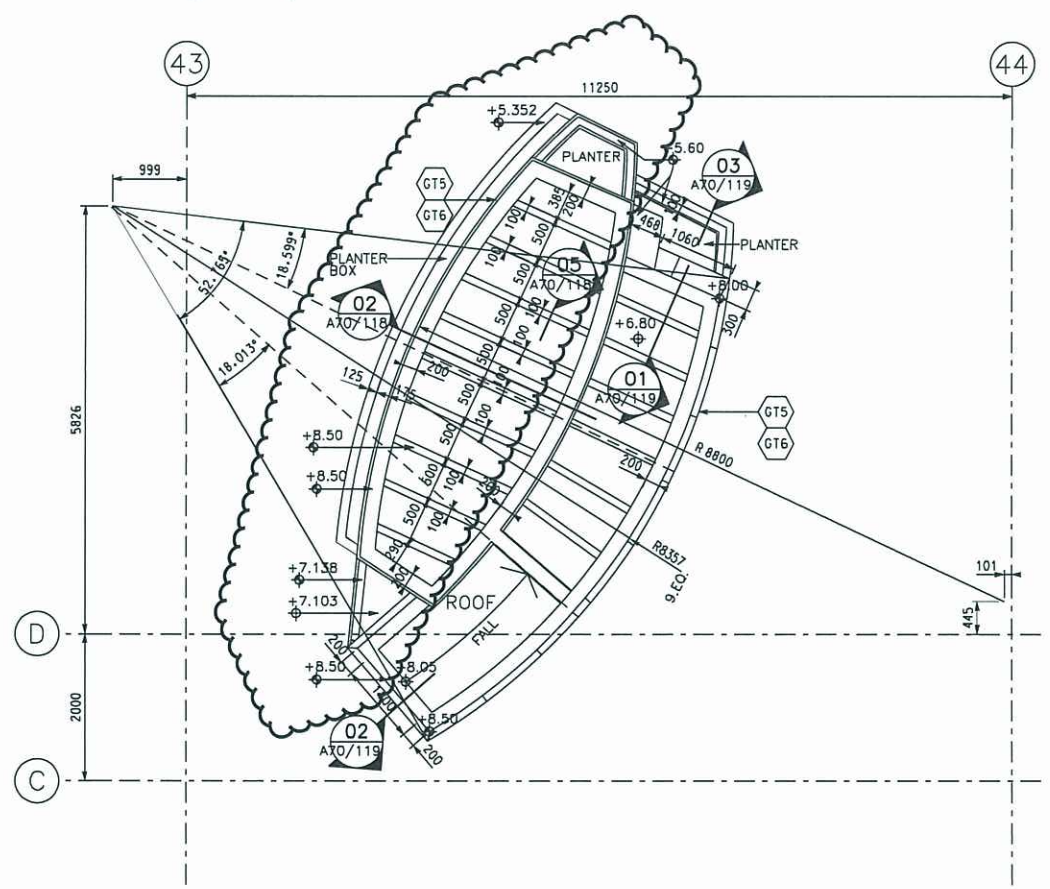
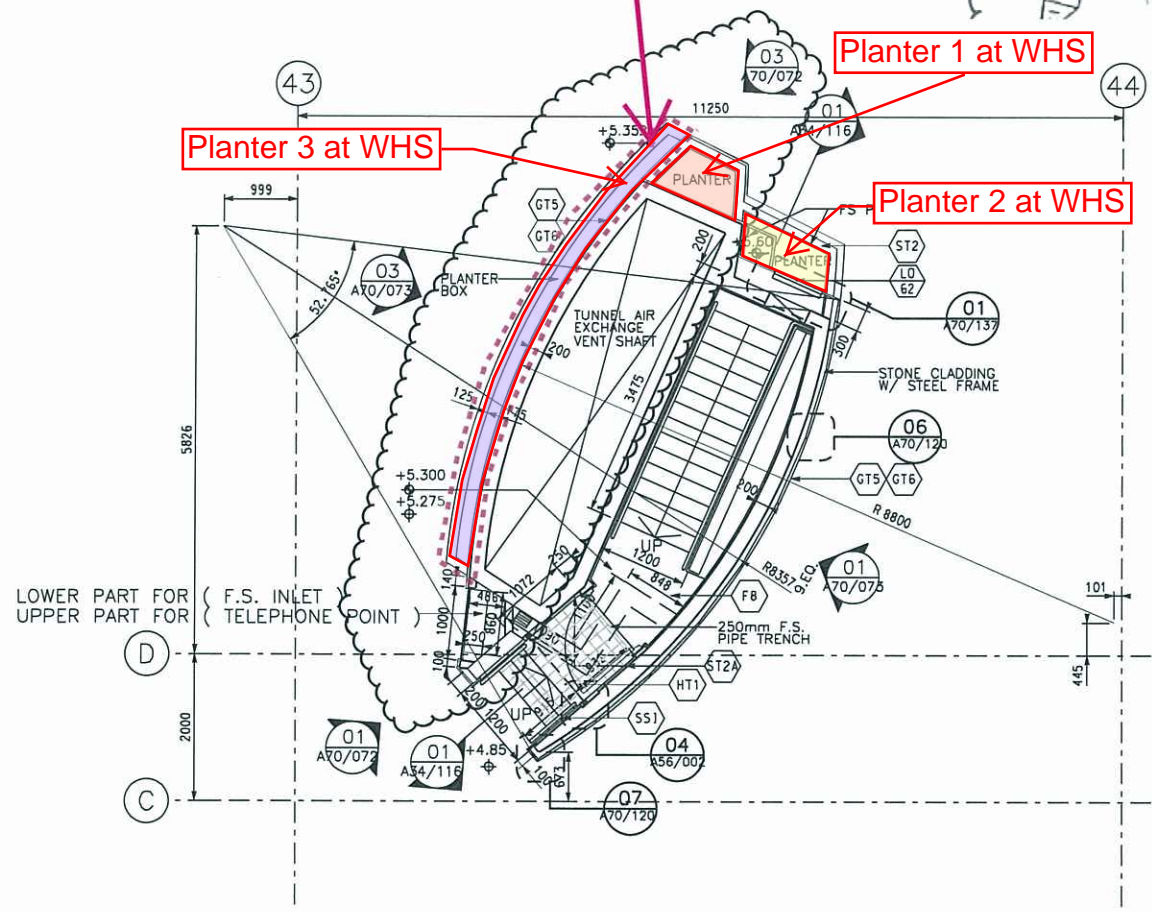
Extended planter box along road-side

PROPOSED SIDE PLANTER AS PER 1002/W/WHA/HCL/A13/626
EMERGENCY EXIT POINT

Planter 1 at WHS

Planter 3 at WHS

Planter 2 at WHS



DAMS-1002-A-0127-SK02

01 PLAN: 1 : 50 (A1)
1 : 100 (A3)

02 PLAN: 1 : 50 (A1)
1 : 100 (A3)

DRAWN	SZ
DESIGNED	NKH
CHECKED	AN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

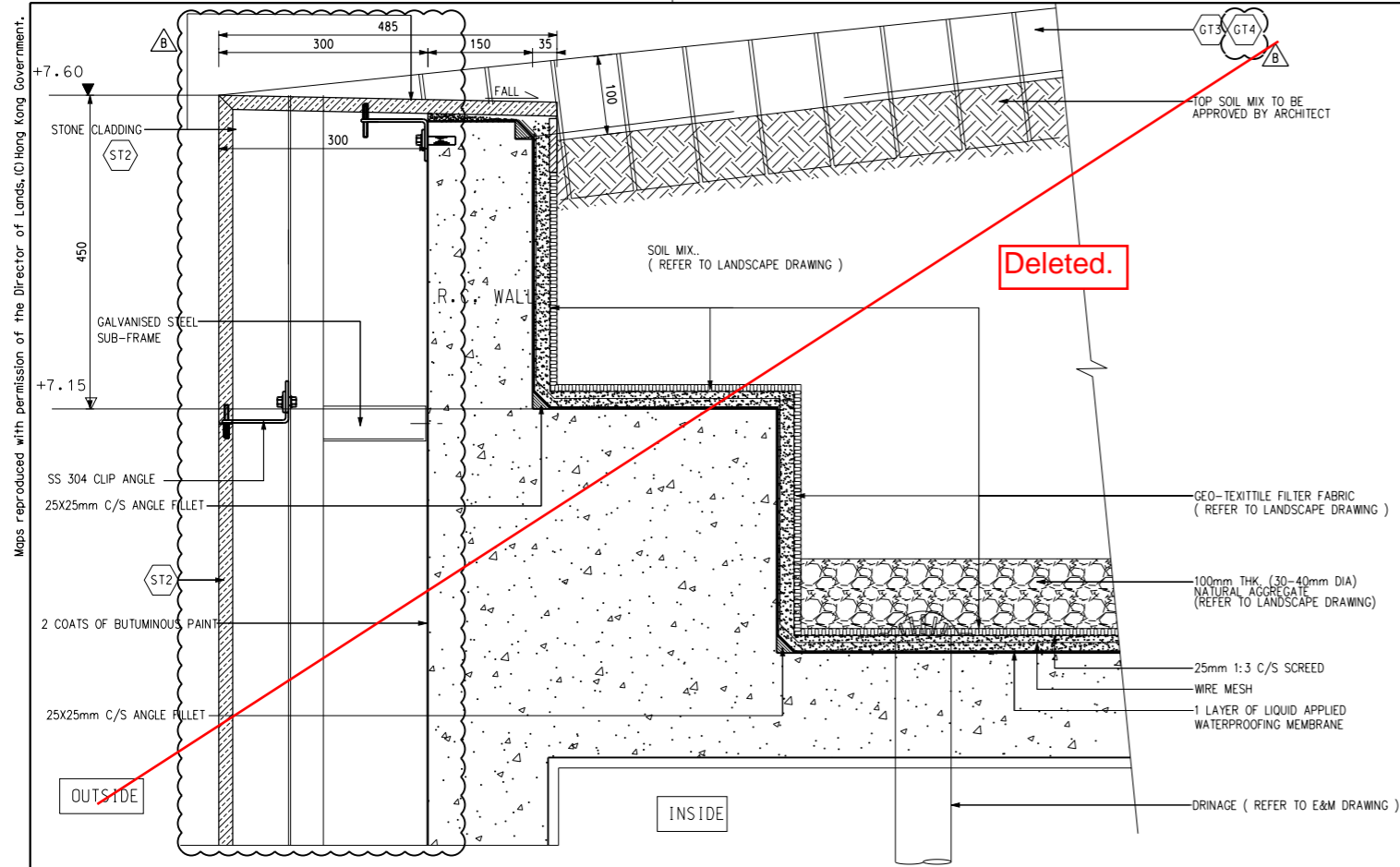
SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF. 1002-Z-WHA-HCL-A70-071A.dgn

TITLE	
CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ESCAPE STAIRCASE AND VENT SHAFT AT WAN HOI STREET LAYOUT PLAN	
SCALE	DRAWING NO.
AS SHOWN	1002-W/WHA/HCL/A70/071
REV.	Rev B

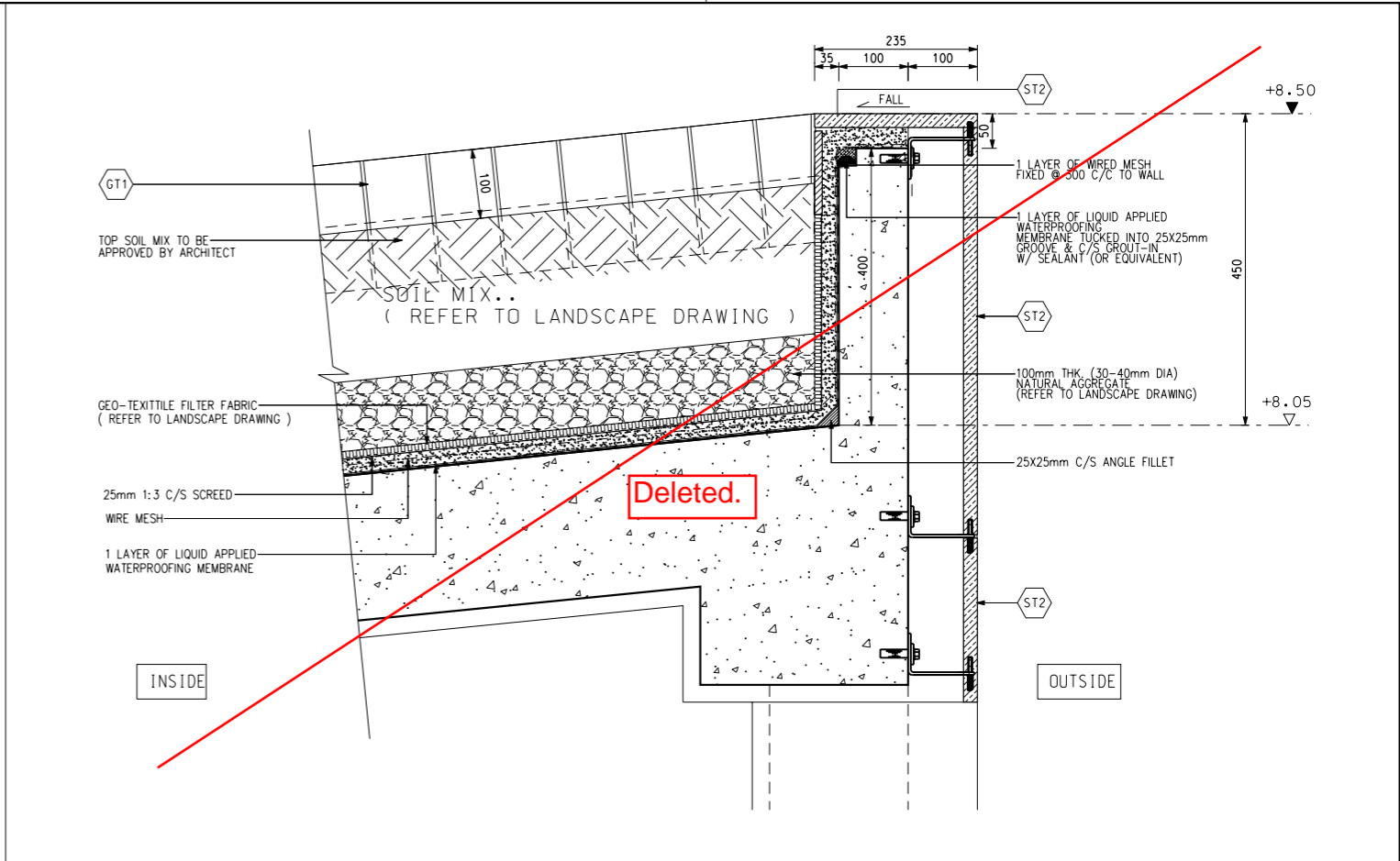
Rev C1

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.



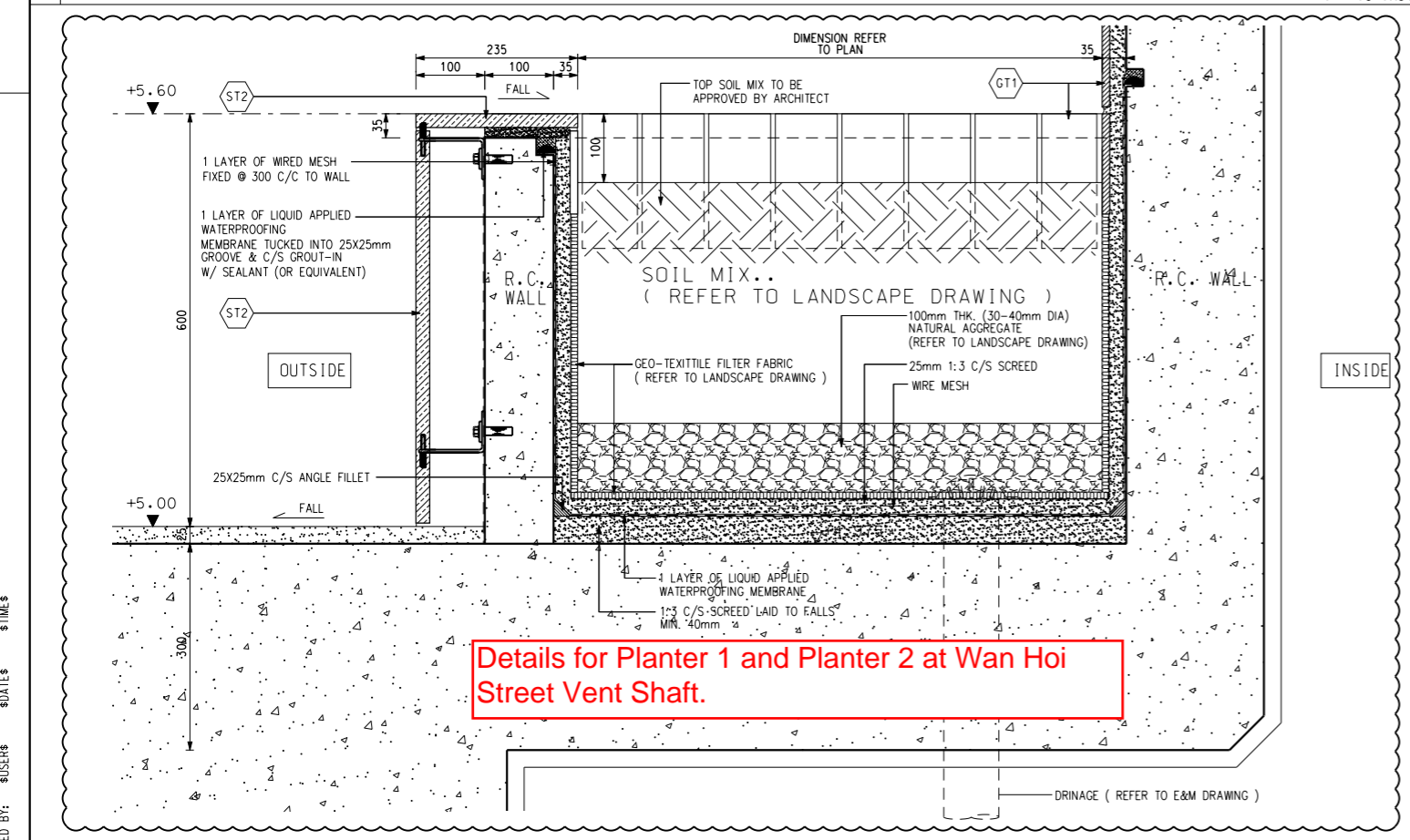
01 DETAIL : ROOF PLANTER DETAIL

1 : 5 (A1)
1 : 10 (A3)



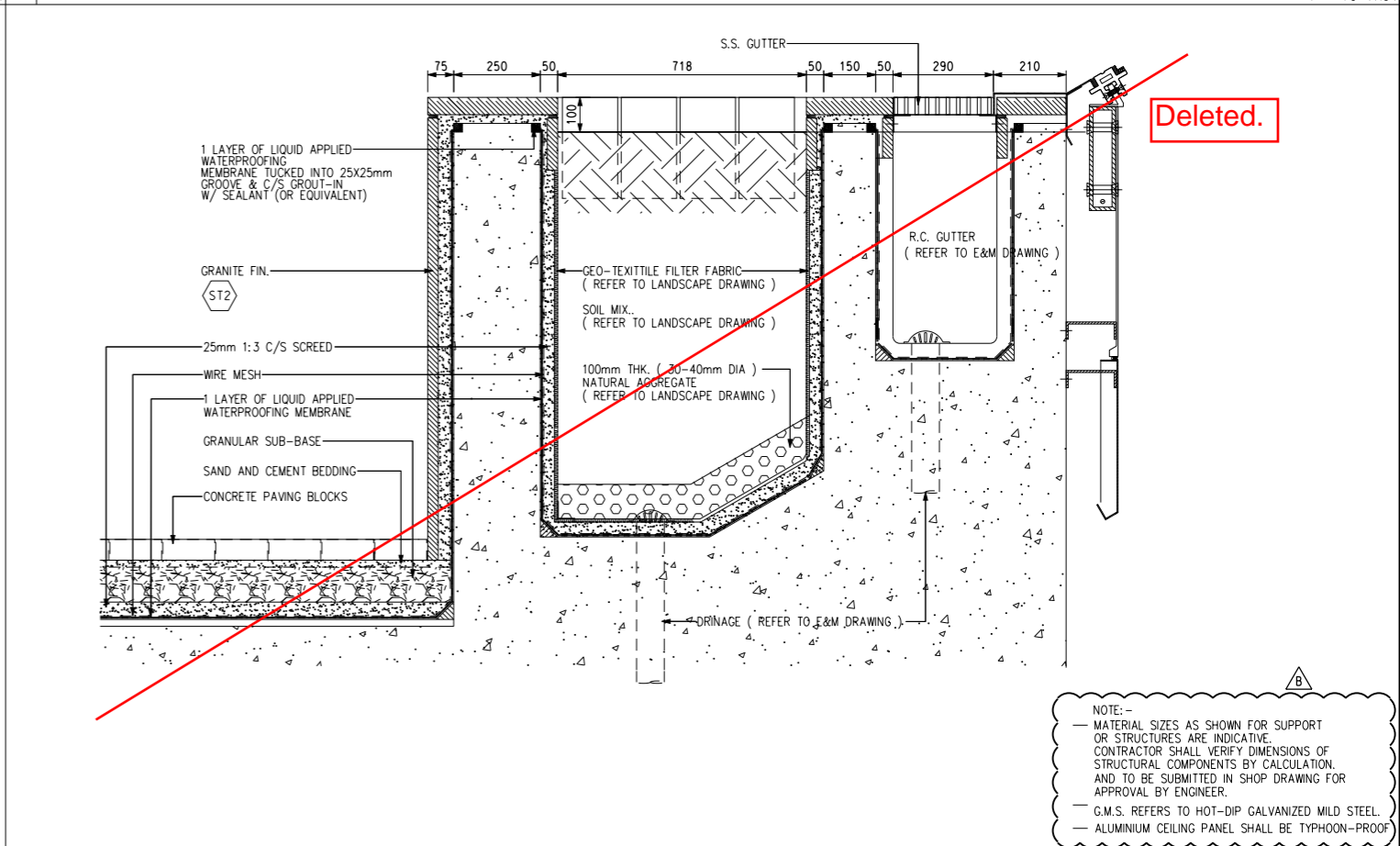
02 DETAIL : ROOF PLANTER DETAIL

1 : 5 (A1)
1 : 10 (A3)



03 DETAIL : ROOF PLANTER DETAIL

1 : 5 (A1)
1 : 10 (A3)



04 DETAIL : ROOF PLANTER DETAIL

1 : 2.5 (A1)
1 : 5 (A3)

Details for Planter 1 and Planter 2 at Wan Hoi Street Vent Shaft.

NOTE:-
- MATERIAL SIZES AS SHOWN FOR SUPPORT OR STRUCTURES ARE INDICATIVE. CONTRACTOR SHALL VERIFY DIMENSIONS OF STRUCTURAL COMPONENTS BY CALCULATION, AND TO BE SUBMITTED IN SHOP DRAWING FOR APPROVAL BY ENGINEER.
- G.M.S. REFERS TO HOT-DIP GALVANIZED MILD STEEL.
- ALUMINIUM CEILING PANEL SHALL BE TYPHOON-PROOF

PRINTED BY: \$USERS \$DATES \$TIMES \$PLOTDRW/\$MODELS/\$FILENAM\$

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	WORKING DRAWING UPDATE				ELV/OH/28FEB13	LL			
A	WORKING DRAWING				ELV/OH/06MAY11	JH			

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
(C) MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

DRAWN: SZ
DESIGNED: NKH
CHECKED: AN
APPROVED: JH
DATE: 06/MAY/2011

MTR

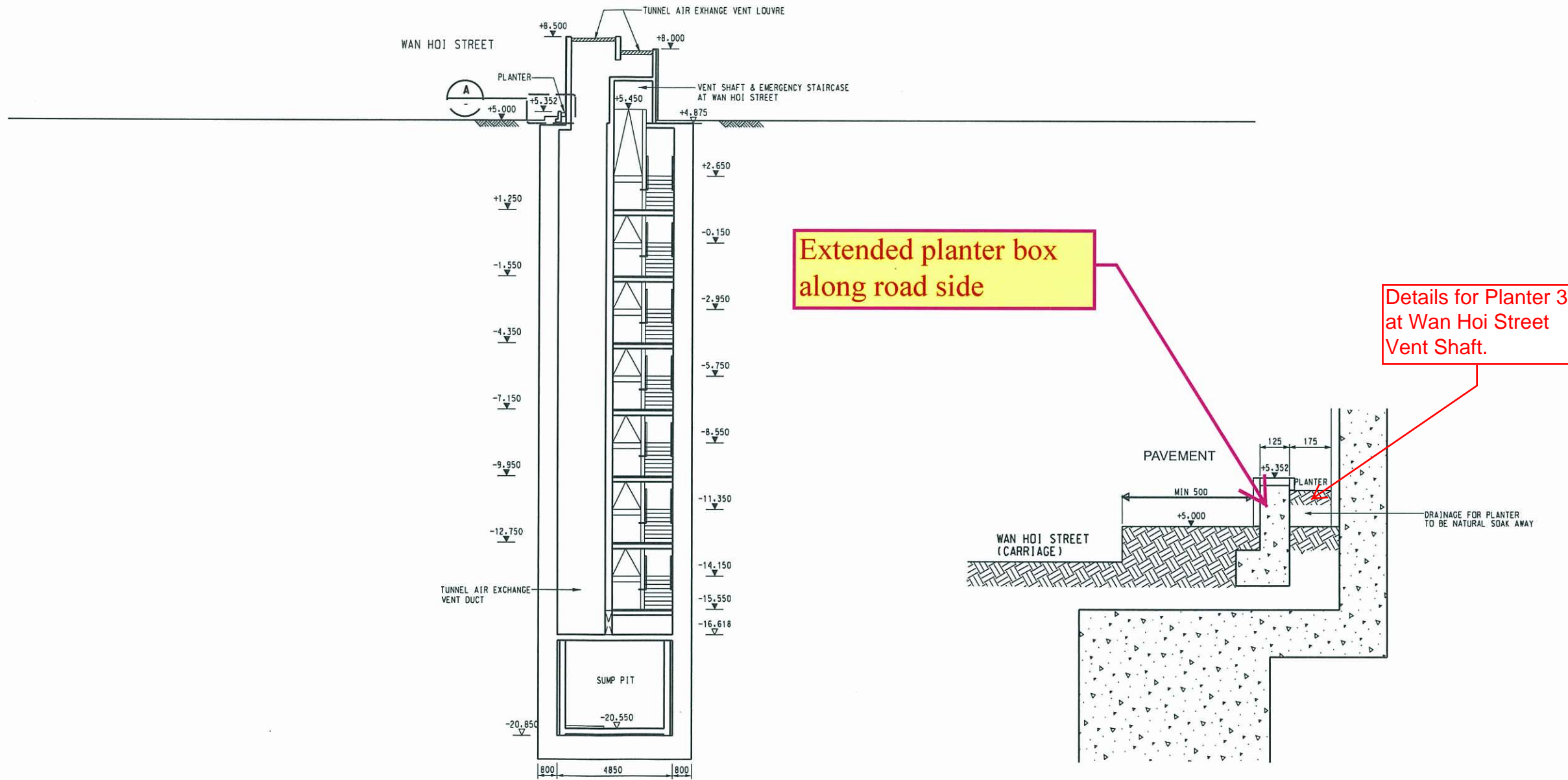
KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**
SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

CADD REF: 1002_W_WHA_HCL_A70_119B.dgn

TITLE: **CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ROOF PLANTER DETAILS**

SCALE: 1 : 5 (A1)
DRAWING NO: 1002/W/WHA/HCL/A70/119
REV: B



Extended planter box along road side

Details for Planter 3 at Wan Hoi Street Vent Shaft.

SECTION T
SCALE 1 : 100

DETAIL A
SCALE 1 : 10

DAMS-1002-A-0127-SK01

U:\S\Studio\K\PROJ\DATA\2009\0903\KLE-OurDrawings\CAD_ADMIN\PLT\CFV\PDF_Color_300dpi_080923.plt
Model Model PRINTED BY: ELL 25/7/2016 14:50:31
1002_WHA_HCL_A13_626A.dgn

DRAWN	ELV
DESIGNED	NKH
CHECKED	AN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: • Ronald Lu and Partners HK Ltd.,
• Davis Langdon and Seah HK Ltd.,
• MVA HK Ltd.,
• ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A13_626A.DGN

TITLE	
CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL SECTION T VENT SHAFT & EMERGENCY STAIRCASE AT WAN HOI STREET	
SCALE	DRAWING NO.
AS SHOWN (A1)	1002/W/WHA/HCL/A13/626
REV.	A

Rev B1

Appendix A4 –

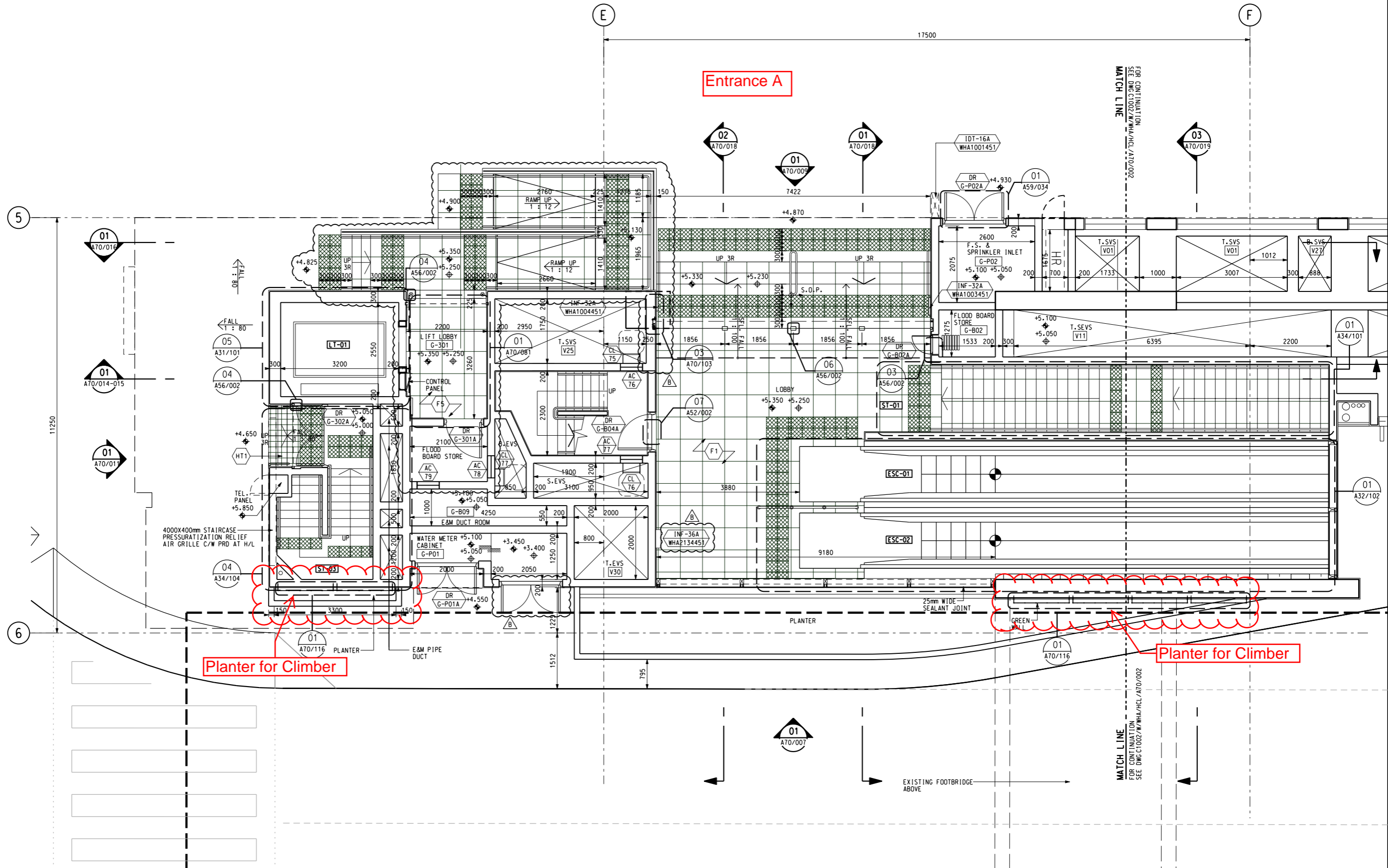
Landscape and Visual Drawings for
Whampoa Station

Details of Vertical Greening

Appendix A4 –

Landscape and Visual Drawings for
Whampoa Station

Details of Vertical Greening - Entrance A



PLOT DRW: \$PLTDIV/\$
 MODEL: \$MODEL/\$
 FILENAME: \$FILENAME/\$

PRINTED BY: \$USERS/\$
 \$DATES/\$
 \$TIMES/\$

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	WORKING DRAWING UPDATE				ELV/OH/28FEB13	LL			
A	WORKING DRAWING				ELV/OH/06MAY11	JH			

DRAWN	ELV
DESIGNED	NKH
CHECKED	AN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

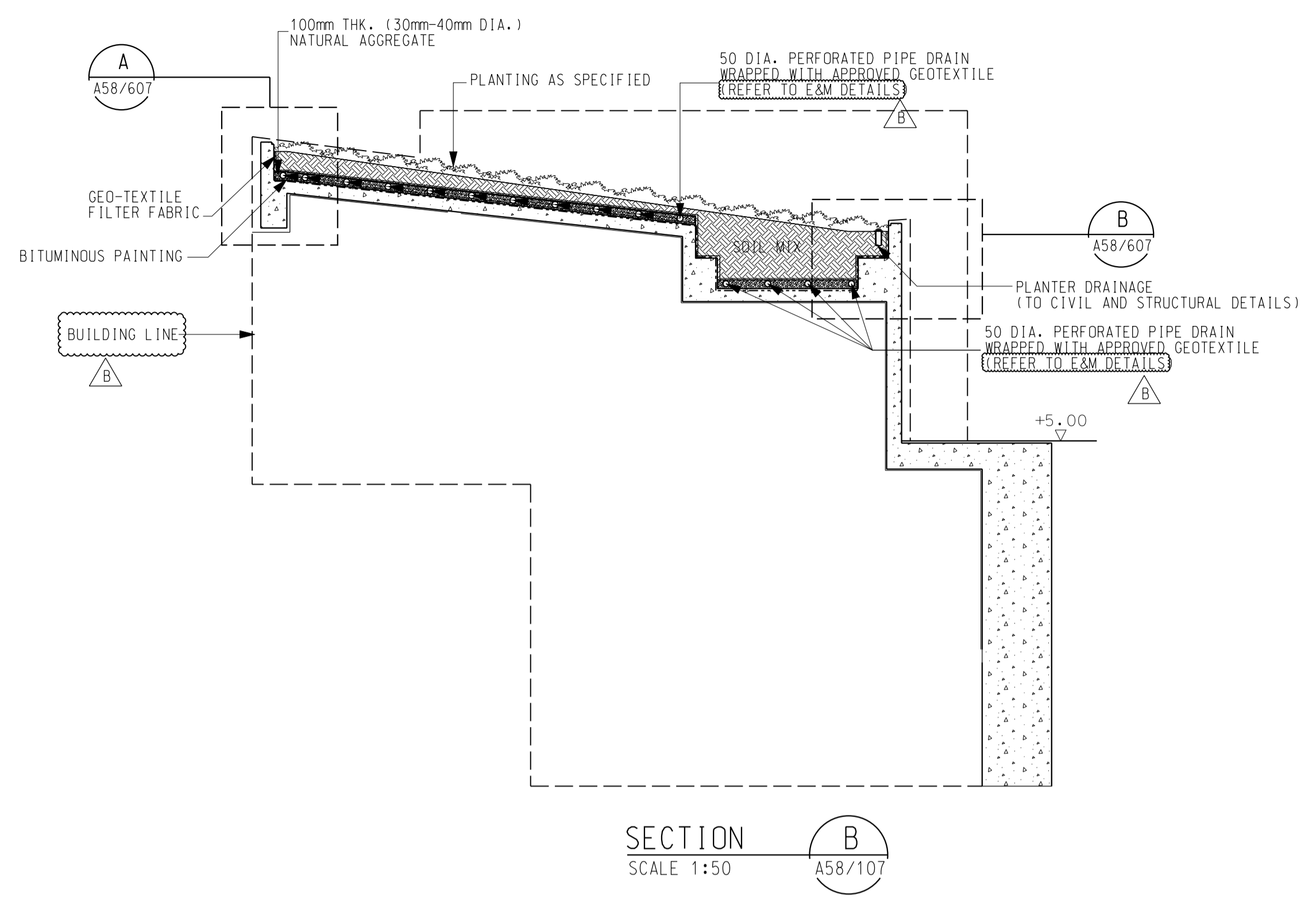
SUPPORTED BY:

- Ronald Lu and Partners HK Ltd.,
- Davis Langdon and Seah HK Ltd.,
- MVA HK Ltd.,
- ACLA Ltd.

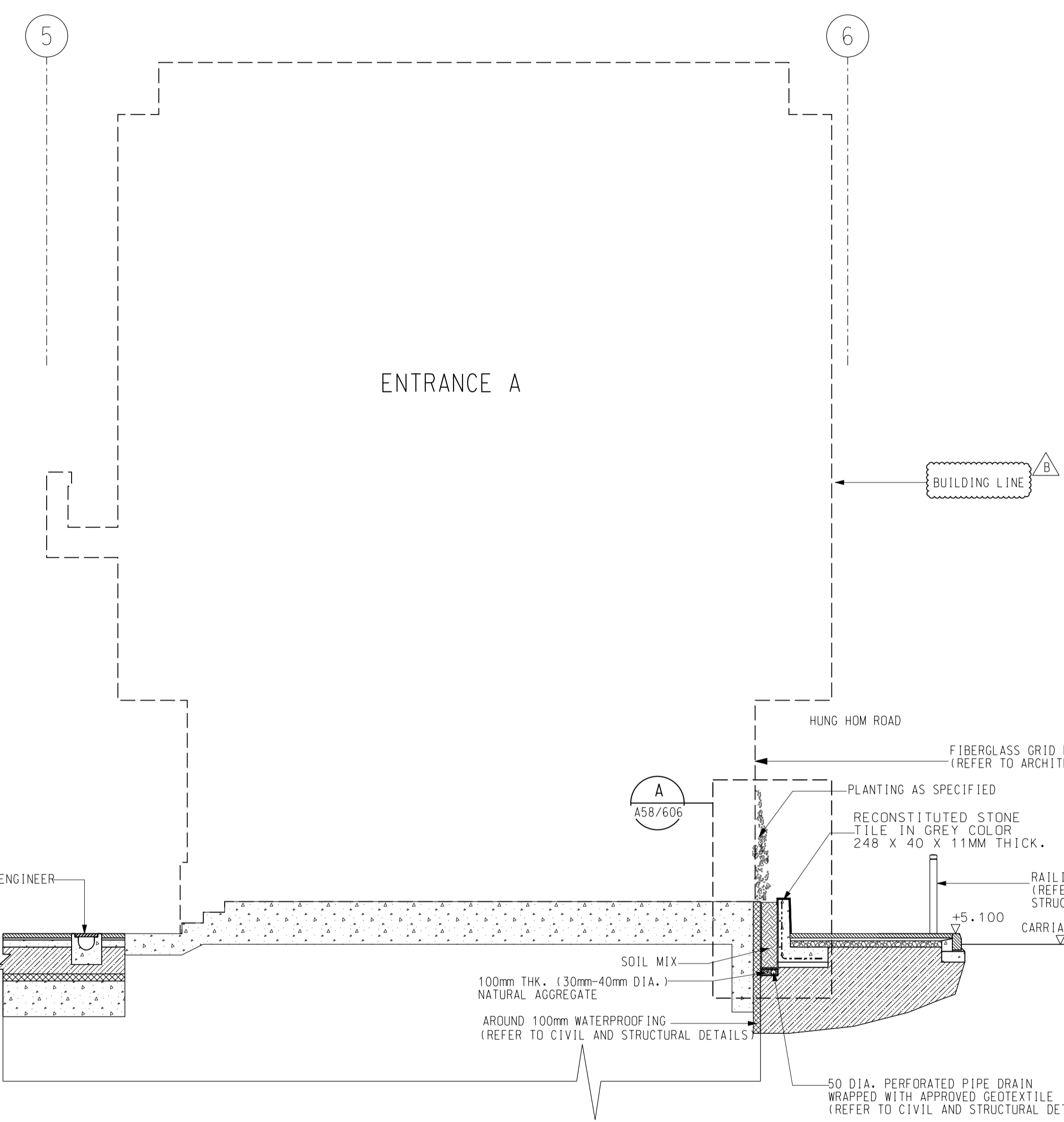
CADD REF. 1002_W_WHA_HCL_A70_001B.DGN

TITLE		CONTRACT 1002	
WHAMPOA STATION AND OVERRUN TUNNEL		ENTRANCE A	
TYPICAL LAYOUT PLAN		(SHEET 1 OF 2)	
SCALE	DRAWING NO.	REV.	
1 : 100 (A1)	1002/W/WHA/HCL/A70/001	B	

V:\CAD\DRAWINGS\HCL\24\Working Drawing\REF Drawing\CAD_ADMIN\PLT\F6\F6.PDF, BW, 100dpi, with_level, export_080924.plt
 Default, PRINTED BY: jh050101, 27/02/2011, 19:31:21
 V:\CAD\DRAWINGS\HCL\24\Working Drawing\HCL Drawing\landscape Drawing\002_T_WHA_HCL_A58_505B.DGN



SECTION B
SCALE 1:50



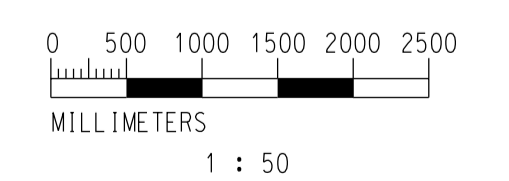
SECTION E
SCALE 1:50

NOTES:

- REFER TO HYD STANDARD DWG.H1030 FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.
- FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT REFER TO CIVIL DRAWING NO. 1002/T/WHA/HCL/C24/405

GENERAL NOTES:

- THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



1 : 50

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	GENERAL UPDATE	MN	23FEB11	JH					
A	TENDER ADDENDUM NO. 1	MN	29OCT10	JH					

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	JH
DATE	29/OCT/2010

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY:

- Ronald Lu and Partners HK Ltd.,
- Davis Langdon and Seah HK Ltd.,
- MVA HK Ltd.,
- ACLA Ltd.

CADD REF. 1002_T_WHA_HCL_A58_505B.DGN

TITLE		CONTRACT 1002	
WHAMPQA STATION AND OVERRUN TUNNEL		ENTRANCE A AND EMERGENCY*EXIT POINT PLANTER SECTION	
(SHEET 5 OF 5)			
SCALE	DRAWING NO.	REV.	
1 : 50 (A1)	1002/T/WHA/HCL/A58/505	B	

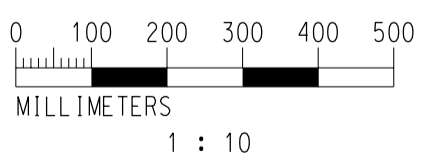
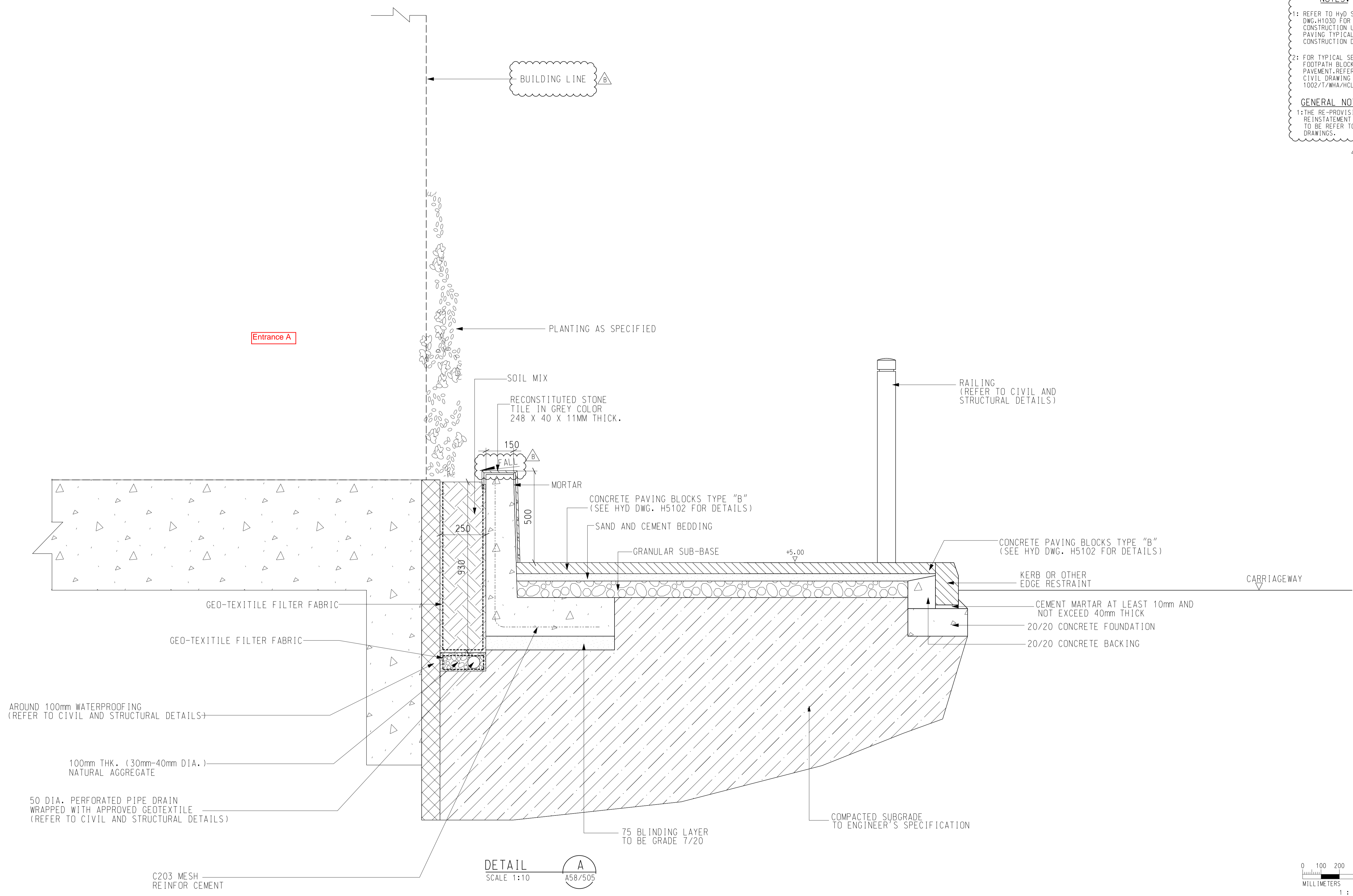
NOTES:

1: REFER TO HYD STANDARD DWG. H103D FOR PRECAST CONSTRUCTION UNIT PAVING TYPICAL CONSTRUCTION DETAILS.

2: FOR TYPICAL SECTIONS FOOTPATH BLOCK PAVEMENT, REFER TO CIVIL DRAWING NO. 1002/T/WHA/HCL/C24/405

GENERAL NOTES:

1: THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



V:\CAD\DRAWINGS\HCL\B2A\Working Drawing\REF Drawing\CAD_ADMIN\PLT\CFG\PDF_BW_100dpi.with_level.export_080924.plt
 Defaul 27/02/2011 19:34:42
 V:\CAD\DRAWINGS\HCL\B2A\Working Drawing\LA\ Drawing\Landscap Drawing\002.T.WHA.HCL_A58.606B.dgn

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	GENERAL UPDATE	MN	23FEB11	JH					
A	TENDER ADDENDUM NO. 1	MN	29OCT10	JH					

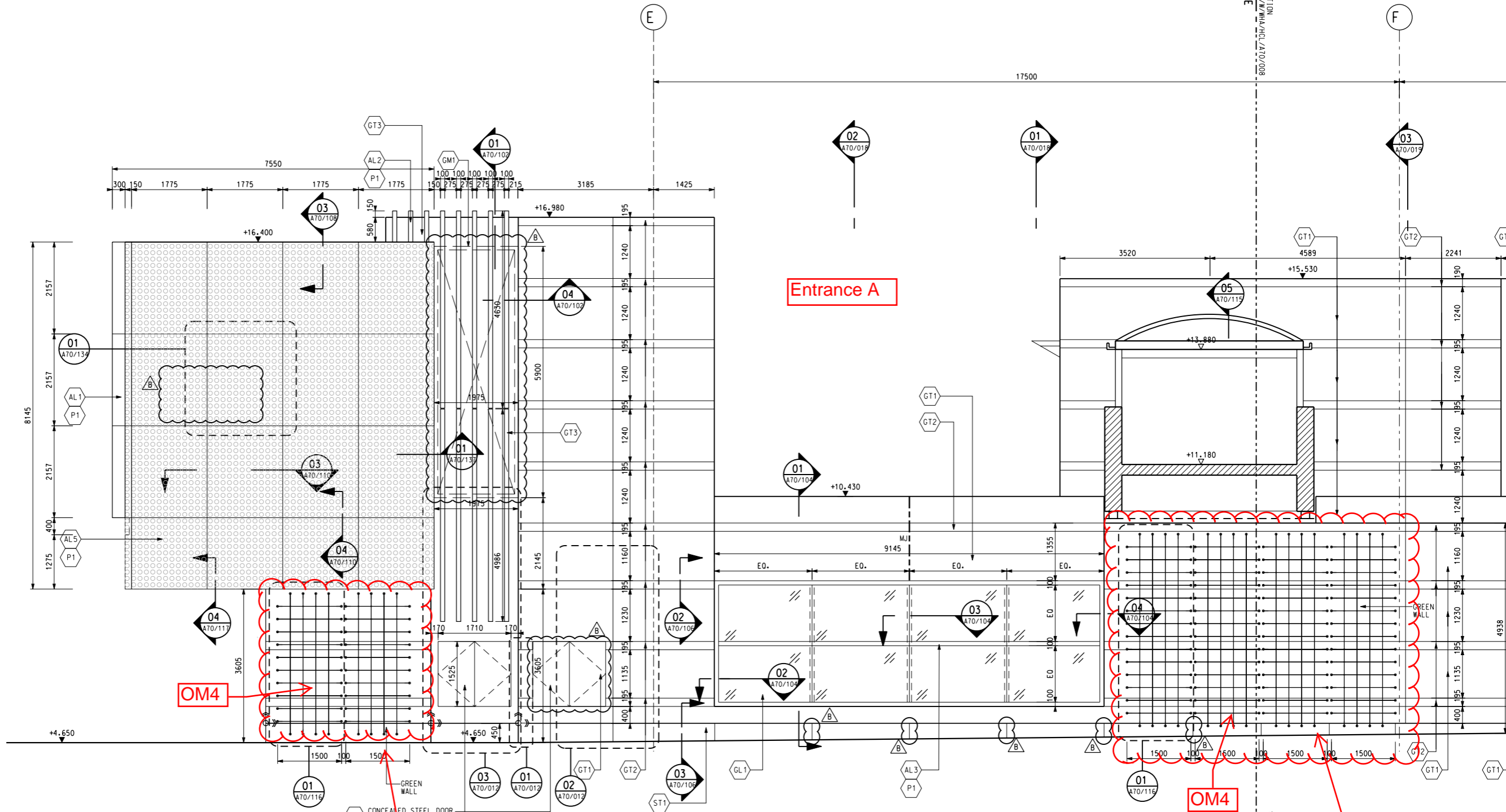
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.
 © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.

DRAWN CAD
 DESIGNED PCC
 CHECKED MAN
 APPROVED JH
 DATE 29/OCT/2010

MTR
KWUN TONG LINE EXTENSION
 ORIGINATOR SUPPORTED BY
 Hyder
 • Ronald Lu and Partners HK Ltd.,
 • Davis Langdon and Seah HK Ltd.,
 • MVA HK Ltd.,
 • ACLA Ltd.

CADD REF. 1002_T_WHA_HCL_A58_606B.DGN

TITLE		CONTRACT 1002	
		WHAMPQA STATION AND OVERRUN TUNNEL	
		PLANTER DETAIL	
		(SHEET 6 OF 8)	
SCALE	DRAWING NO.	REV.	
1 : 10 (A1)	1002/T/WHA/HCL/A58/606	B	

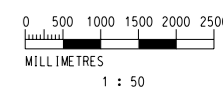


LEGEND

$\frac{\text{Tau}}{22}$ — PLANT CODE
 — QUANTITY

NOTES:
 FOR PLANT CODE REFER TO DRAWING NO. 1002/W/WHA/HCL/A58/308

MATCH LINE FOR CONTINUATION SEE DWG C1002/W/WHA/HCL/A70/008



01 EAST ELEVATION 1 : 50 (A1)
1 : 100 (A3)

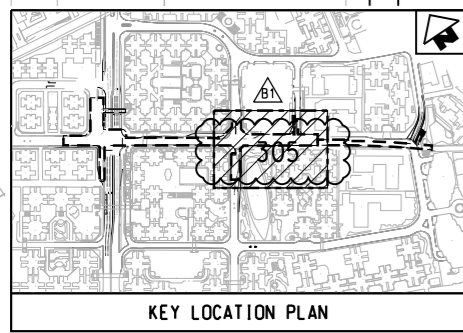
SKETCH 002		DRAWN SZ DESIGNED NKH CHECKED AN APPROVED JH DATE 06/MAY/2011		MTR KWUN TONG LINE EXTENSION ORIGINATOR SUPPORTED BY <ul style="list-style-type: none"> • Ronald Lu and Partners HK Ltd., • Davis Langdon and Seah HK Ltd., • MVA HK Ltd., • ACLA Ltd. 		TITLE CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ENTRANCE A ELEVATION FACING HUNG HOM ROAD (SHEET 1 OF 2)		
B WORKING DRAWING UPDATE A WORKING DRAWING		ELV/OH/28FEB13 LL ELV/OH/06MAY11 JH		DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. © MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.		SCALE 1 : 50 (A1) DRAWING NO. 1002/W/WHA/HCL/A70/007 REV. B		
REV	DESCRIPTION	BY	DATE	APPROVED	DESCRIPTION	BY	DATE	APPROVED

Appendix A4 –

Landscape and Visual Drawings for
Whampoa Station

Details of Vertical Greening – DEE

Maps reproduced with permission of the Director of Lands, (C) Hong Kong Government.



KEY LOCATION PLAN

OM3
OM4

DESIGNATED EMERGENCY ENTRANCE

TAK ON STREET

TAK ON STREET

TAK TING STREET

VENT SHAFT

ENTRANCE C

ENTRANCE D

SHUNG KING STREET

第五座 Block 5

第一座 Block 1

第二座 Block 2

第三座 Block 3

第七座 Block 7

第四座 Block 4

第五座 Block 5

羽毛球場 Badminton Court

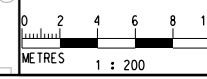
平台 Podium

羽毛球場 Badminton Court

LEGEND:

- NEW PAVING TO MATCH EXISTING
- PLANT CODE QUANTITY
- PLANTING AREA
- CLIMBER

GENERAL NOTES:
1: THE RE-PROVISIONING/ REINSTATEMENT WORKS TO BE REFER TO CIVIL DRAWINGS.



PLOT DRW: K:\EBO00555 KTE C002\E-00\Drawings\CAD_ADMIN\PLT\TCE\PDF_BW_300dpi_C080924.pht
 PRINTED BY: ICHK036 12/30/2016 9:38:44 AM
 FILENAME: K:\EBO00555 KTE C002\E-00\Drawings\UP\MING\04-As Built Drawings\UP\Vol 03\U002_Z_WHA_HCL_A58_305A.dgn



APPROVED AS-BUILT DRAWING

Signed: Oscar Wong Date: DDMMYYYY

DRAWN	CAD
DESIGNED	PCC
CHECKED	MAN
APPROVED	LL
DATE	29/DEC/2016
DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. (C) MTR CORPORATION LIMITED 2008 COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.	

MTR

ORIGINATOR: KWUN TONG LINE EXTENSION

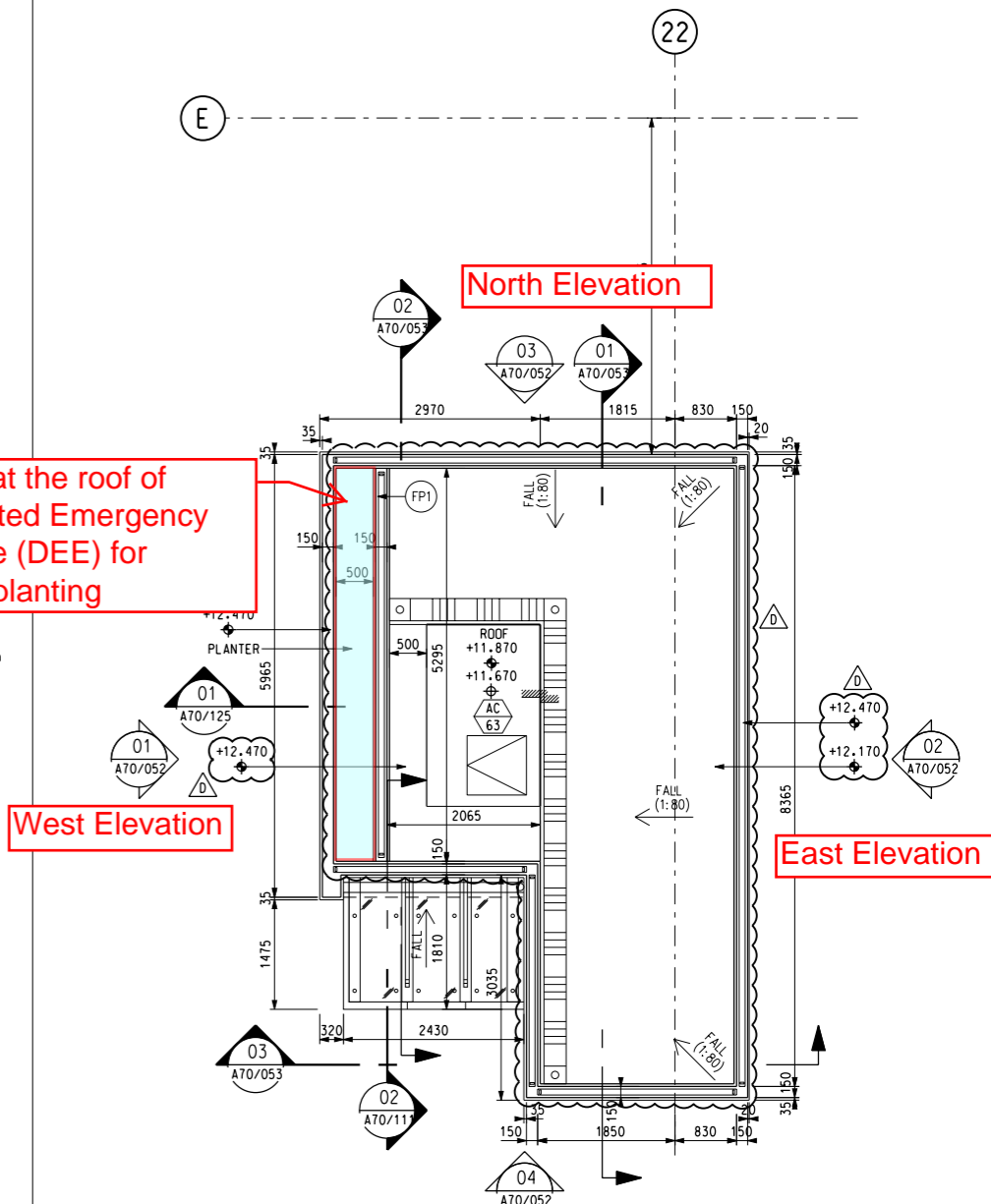
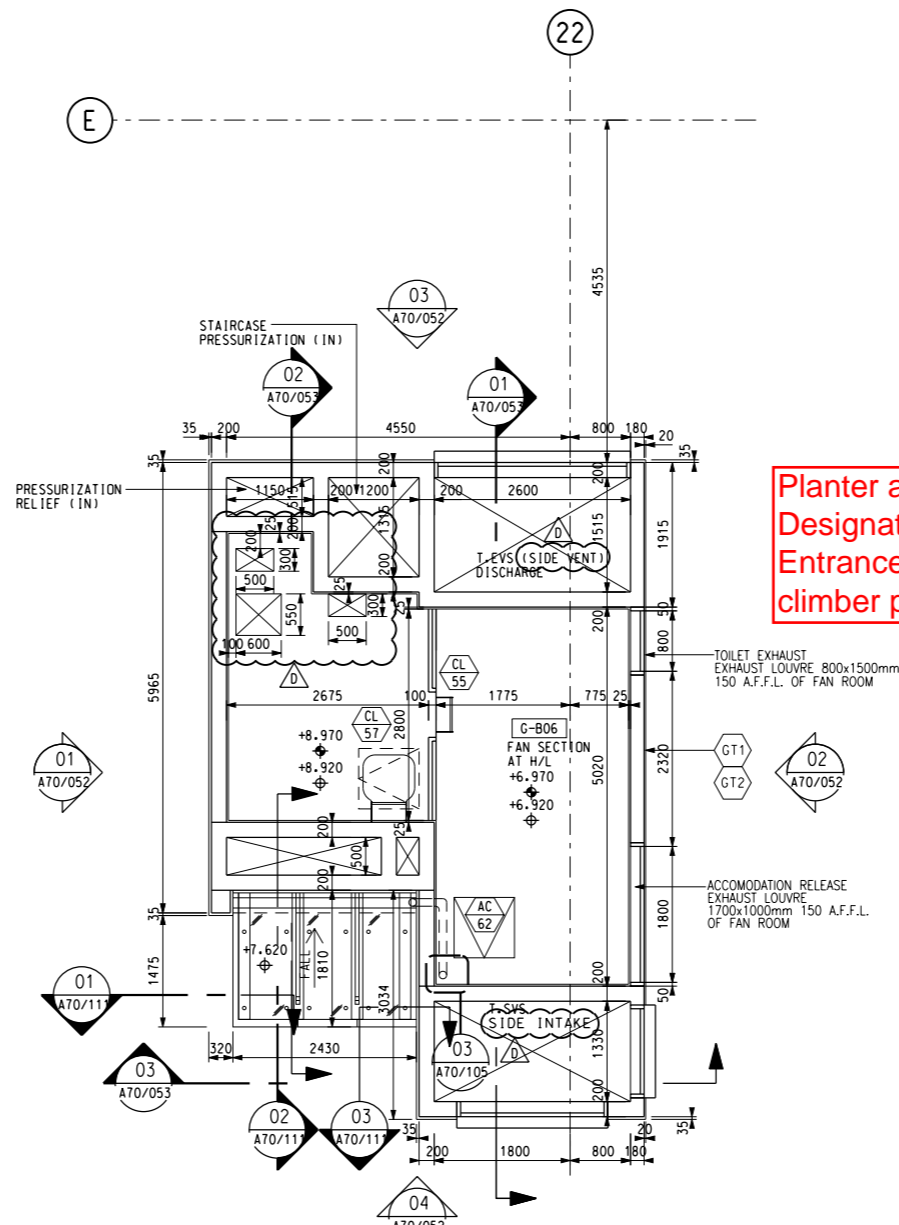
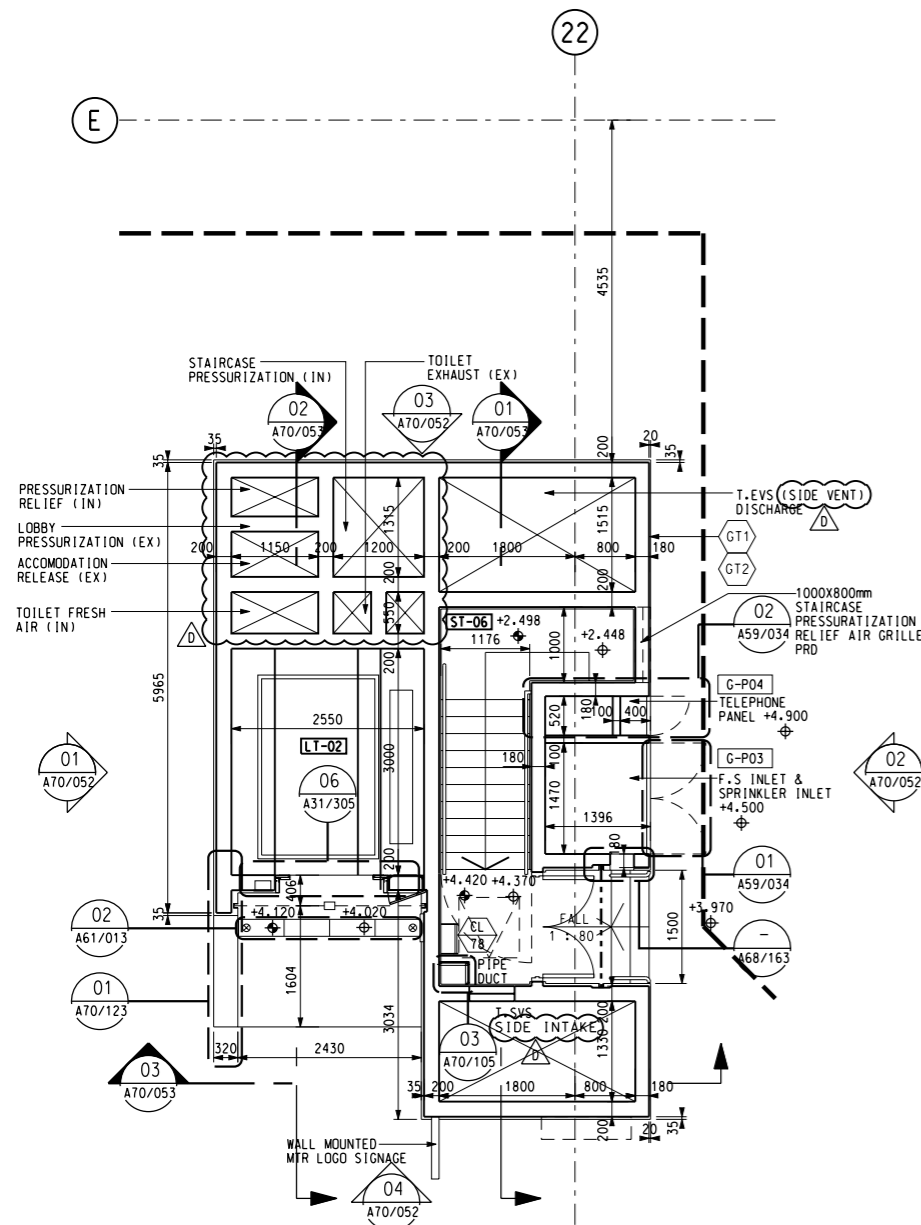
SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

Hyder

CADD REF. 1002_Z_WHA_HCL_A58_305A1.DGN

TITLE		CONTRACT 1002	
		WHAMPOA STATION AND OVERRUN TUNNEL	
		PLANTING PART PLAN	
		(SHEET 3 OF 5)	
SCALE	DRAWING NO.	REV.	
1 : 200 (A1)	1002/Z/WHA/HCL/A58/305	A1	

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A1	AS-BUILT (ACP)	CF	29DEC16	LL					



Planter at the roof of Designated Emergency Entrance (DEE) for climber planting

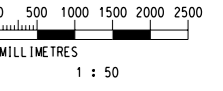
North Elevation

West Elevation

East Elevation

South Elevation

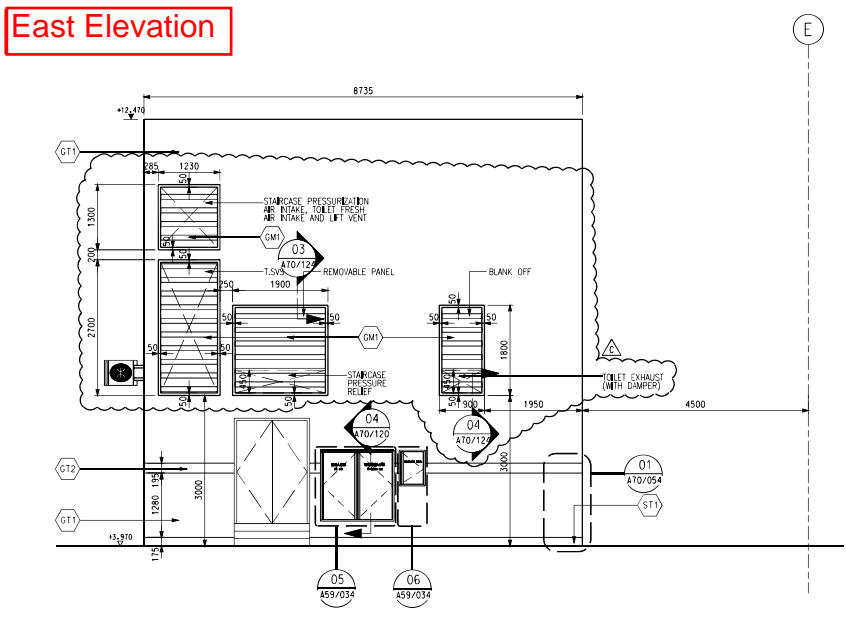
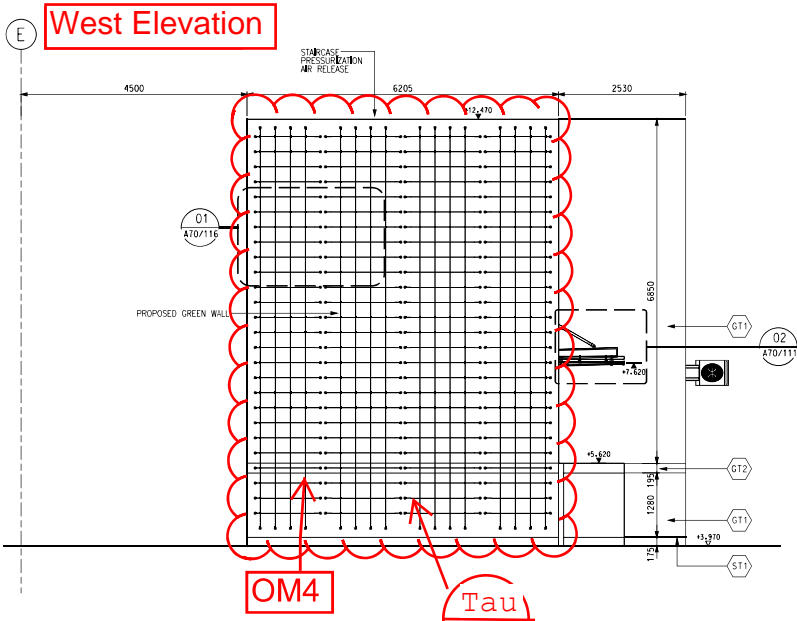
Roof of DEE



01 GROUND FLOOR PLAN: 1 : 50 (A1) 1 : 100 (A3) 02 FIRST FLOOR PLAN: 1 : 50 (A1) 1 : 100 (A3) 03 ROOF PLAN: 1 : 50 (A1) 1 : 100 (A3)

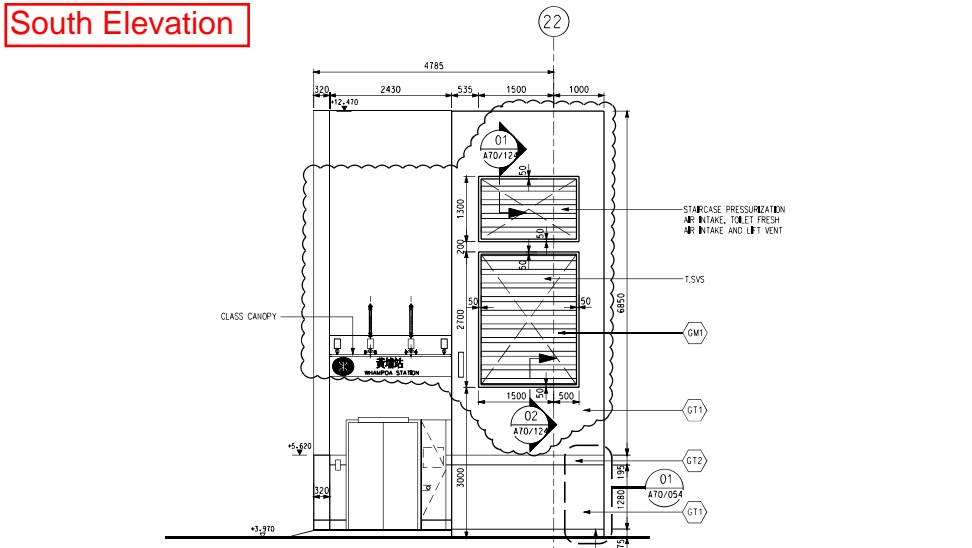
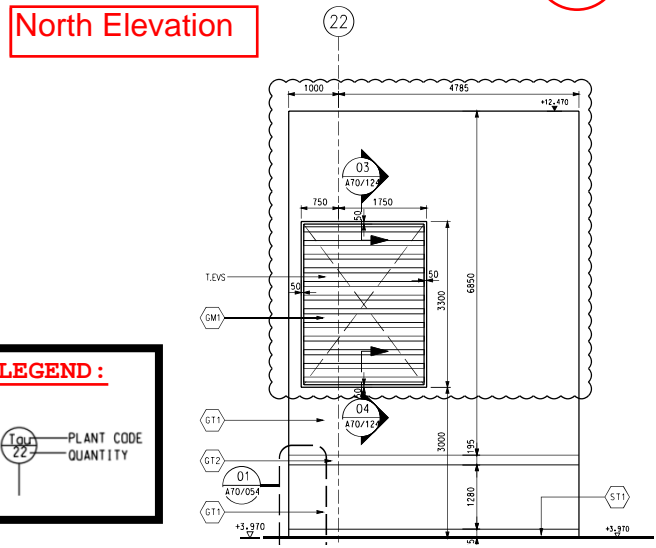
DRAWN: SZ			KWUN TONG LINE EXTENSION	TITLE CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL DESIGNATED EMERGENCY ENTRANCE AT SHUNG KING STREET GROUND FLOOR PLAN, FIRST FLOOR PLAN AND ROOF PLAN
DESIGNED: NKH				
CHECKED: AN				
APPROVED: JH			SUPPORTED BY: <ul style="list-style-type: none"> Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd. 	SCALE 1 : 50 (A1)
DATE: 06/MAY/2011				
D1 WORKING DRAWING UPDATE ELV/OH/09NOV15 LL		ORIGINATOR:		REV. D1
C WORKING DRAWING UPDATE ELV/OH/23DEC13 LL		DATE: 06/MAY/2011		
B WORKING DRAWING UPDATE ELV/OH/28FEB13 LL		APPROVED: JH		
A WORKING DRAWING ELV/OH/06MAY11 JH		DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE. (C) MTR CORPORATION LIMITED 2008. COPYRIGHT IN RESPECT OF THIS DRAWING / DOCUMENT IS OWNED BY THE MTR CORPORATION LIMITED OF HONG KONG. NO REPRODUCTION OF THE DRAWING / DOCUMENT OR ANY PART BY WHATEVER MEANS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE MTR CORPORATION LIMITED.		

Maps reproduced with permission of the Director of Lands, CI Hong Kong Government.



01 ELEVATION: 1 : 50 (A1) 1 : 100 (A3)

02 ELEVATION: 1 : 50 (A1) 1 : 100 (A3)



03 ELEVATION: 1 : 50 (A1) 1 : 100 (A3)

04 ELEVATION: 1 : 50 (A1) 1 : 100 (A3)

LEGEND :

PLANT CODE QUANTITY

NOTES:
FOR PLANT CODE REFER TO DRAWING NO. 1002/W/WHA/HCL/A58/308

SKETCH 003

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
C1	WORKING DRAWING UPDATE				LL	ELV/OM/09NOV15			
B	WORKING DRAWING UPDATE				LL	ELV/OM/28FEB13			
A	WORKING DRAWING				JH	ELV/OM/06MAY11			

DR SZ
DESIGNED NKH
CHECKED AN
APPROVED JH
DATE 06/MAY/2011

MTR
KWUN TONG LINE EXTENSION

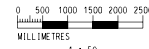
OPERATOR: **Hyder** SUPPORTED BY: • Ronald Lu and Partners HK Ltd.,
• Davis Langdon and Seah HK Ltd.,
• MVA HK Ltd.,
• ACLA Ltd.

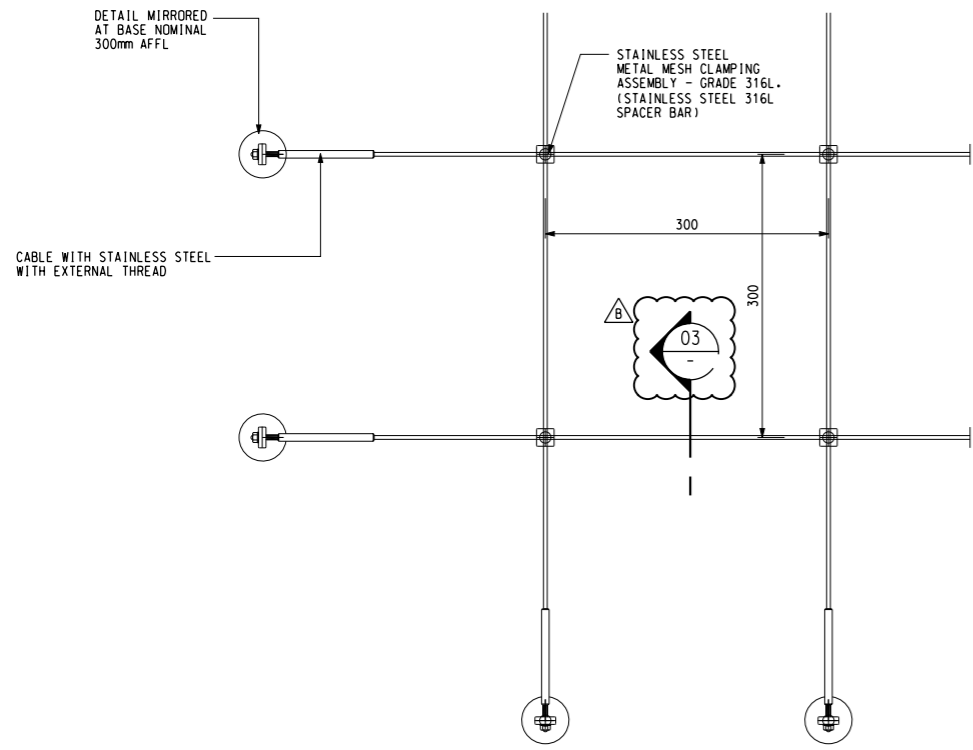
CADD REF. 1002_W_WHA_HCL_A70_052C.dgn

TITLE CONTRACT 1002
WHAMPOA STATION AND OVERRUN TUNNEL
DESIGNATED EMERGENCY ENTRANCE AT SHUNG KING STREET
ELEVATION

SCALE 1 : 50 (A1) DRAWING NO. 1002/W/WHA/HCL/A70/052 REV. C1

PLOT DATE: 06/05/2014
PLOT TIME: 10:14:13
PRINTED BY: HUSSEN
SCALE: 1/50

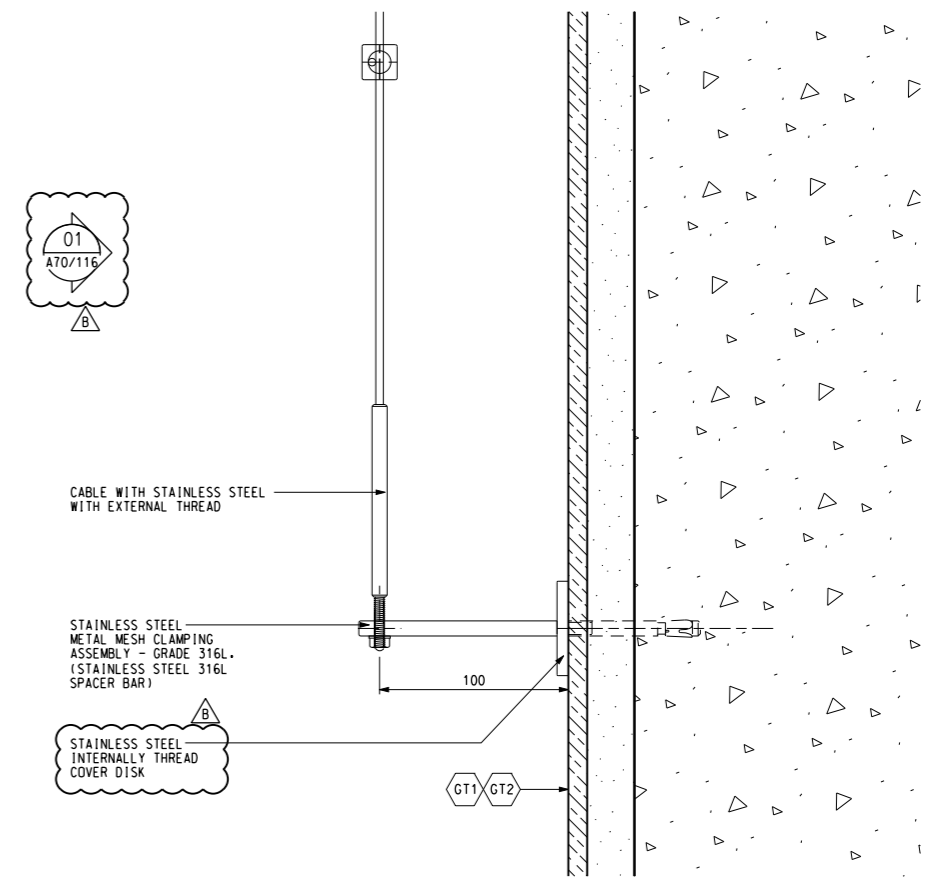




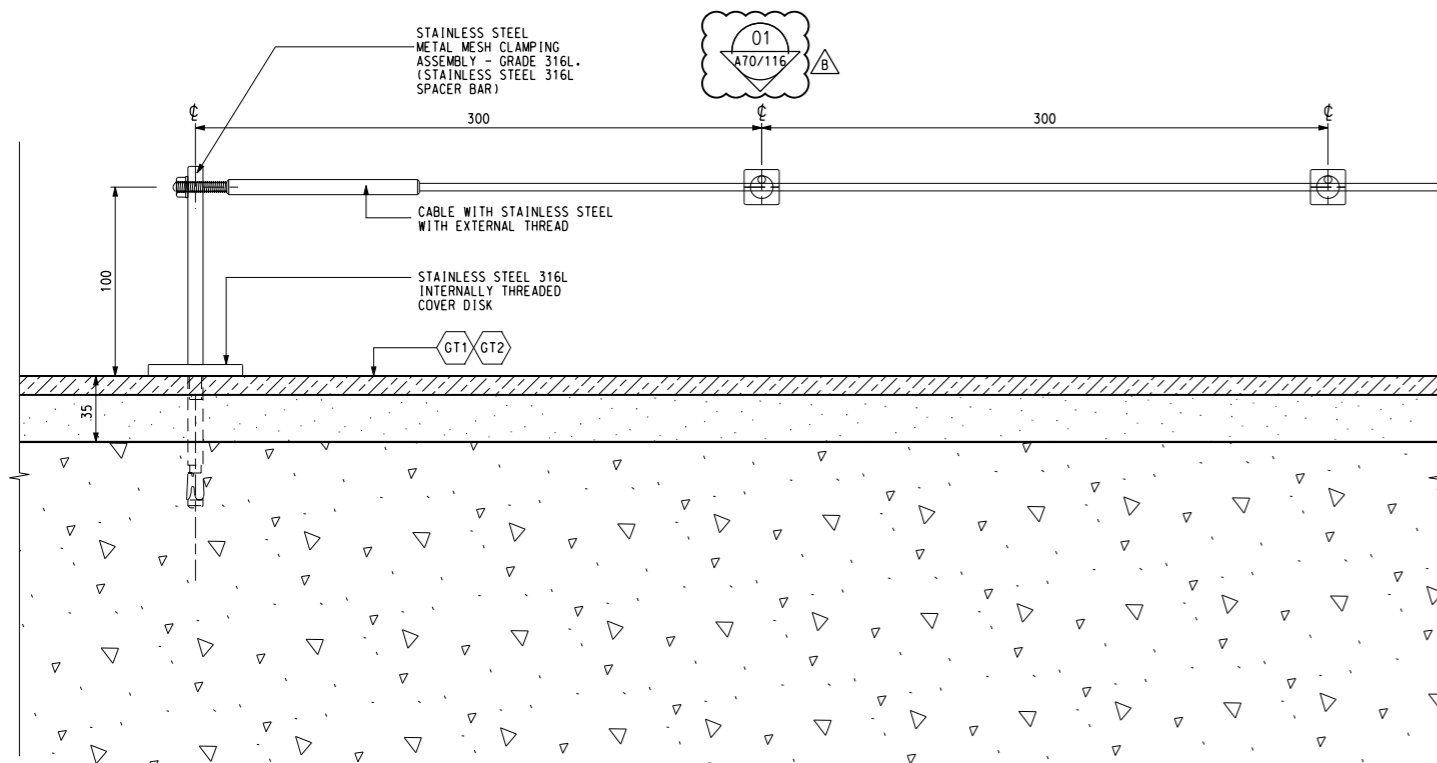
01 CORNER MOUNTING POINT ELEVATION

SCALE 1:4

03 FACADE SECTION



SCALE 1:2



02 CORNER MOUNTING POINT PLAN

SCALE 1:2

PLOT DRW: \$PLOTDRW\$
 MODELNAME: \$MODELNAME\$
 FILENAME: \$FILENAME\$

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	WORKING DRAWING UPDATE				ELV/OH/28FEB13	LL			
A	WORKING DRAWING				ELV/OH/06MAY11	JH			

DRAWN	TEL
DESIGNED	TEL
CHECKED	AN
APPROVED	JH
DATE	06/MAY/2011

MTR

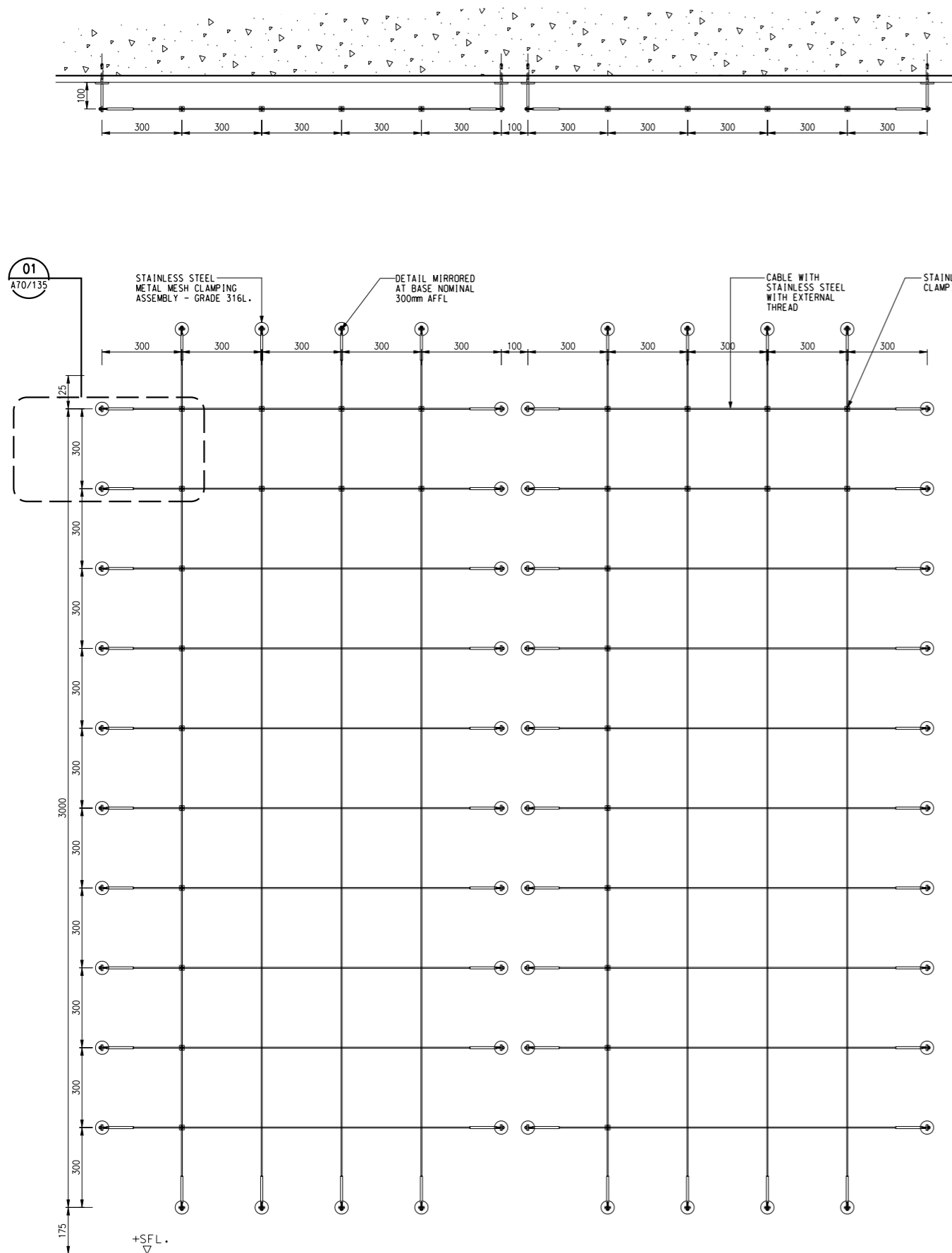
KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

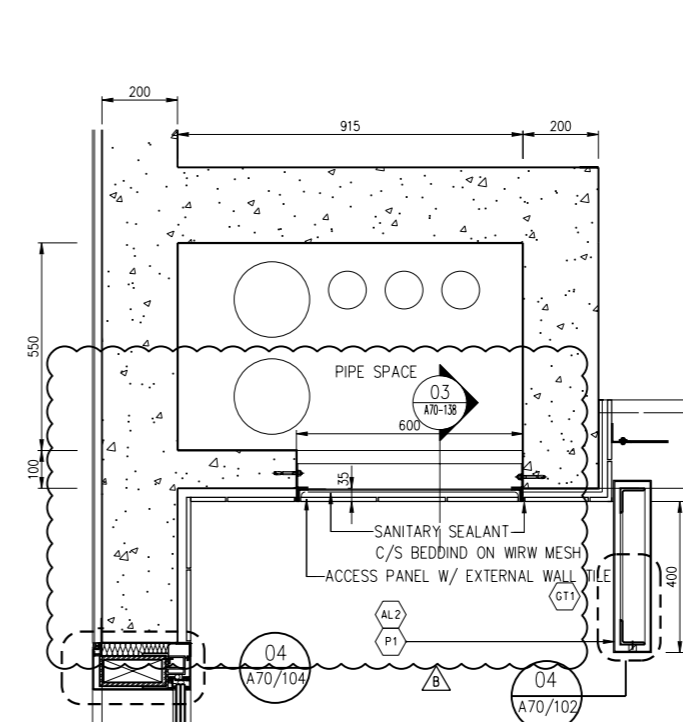
SUPPORTED BY: • Ronald Lu and Partners HK Ltd.,
 • Davis Langdon and Seah HK Ltd.,
 • MVA HK Ltd.,
 • ACLA Ltd.

CADD REF. 1002_W_WHA_HCL_A70_135B.DGN

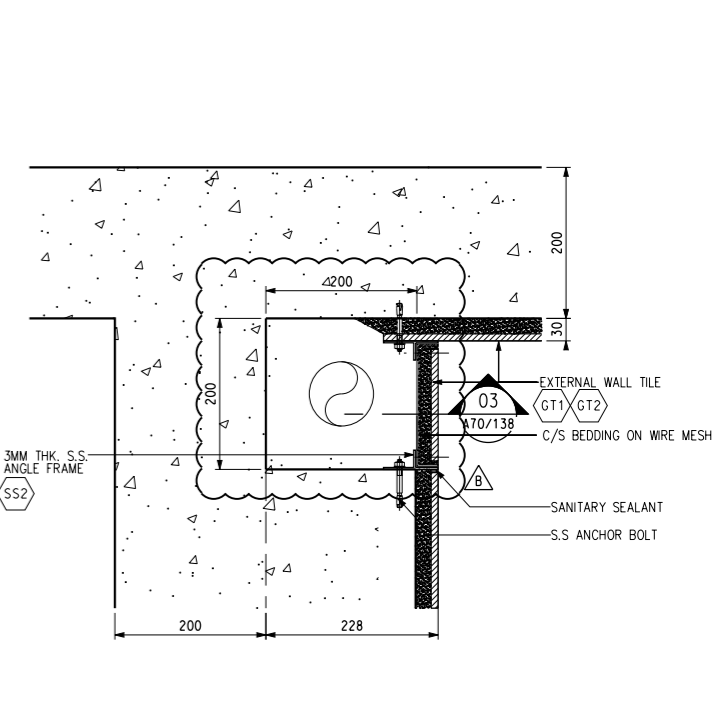
TITLE		CONTRACTOR 1002 WHAMPOA STATION AND OVERRUN TUNNEL GREENWALL DETAILS	
SCALE	DRAWING NO.	REV.	
1:2 (A1)	1002/W/WHA/HCL/A70/135	B	



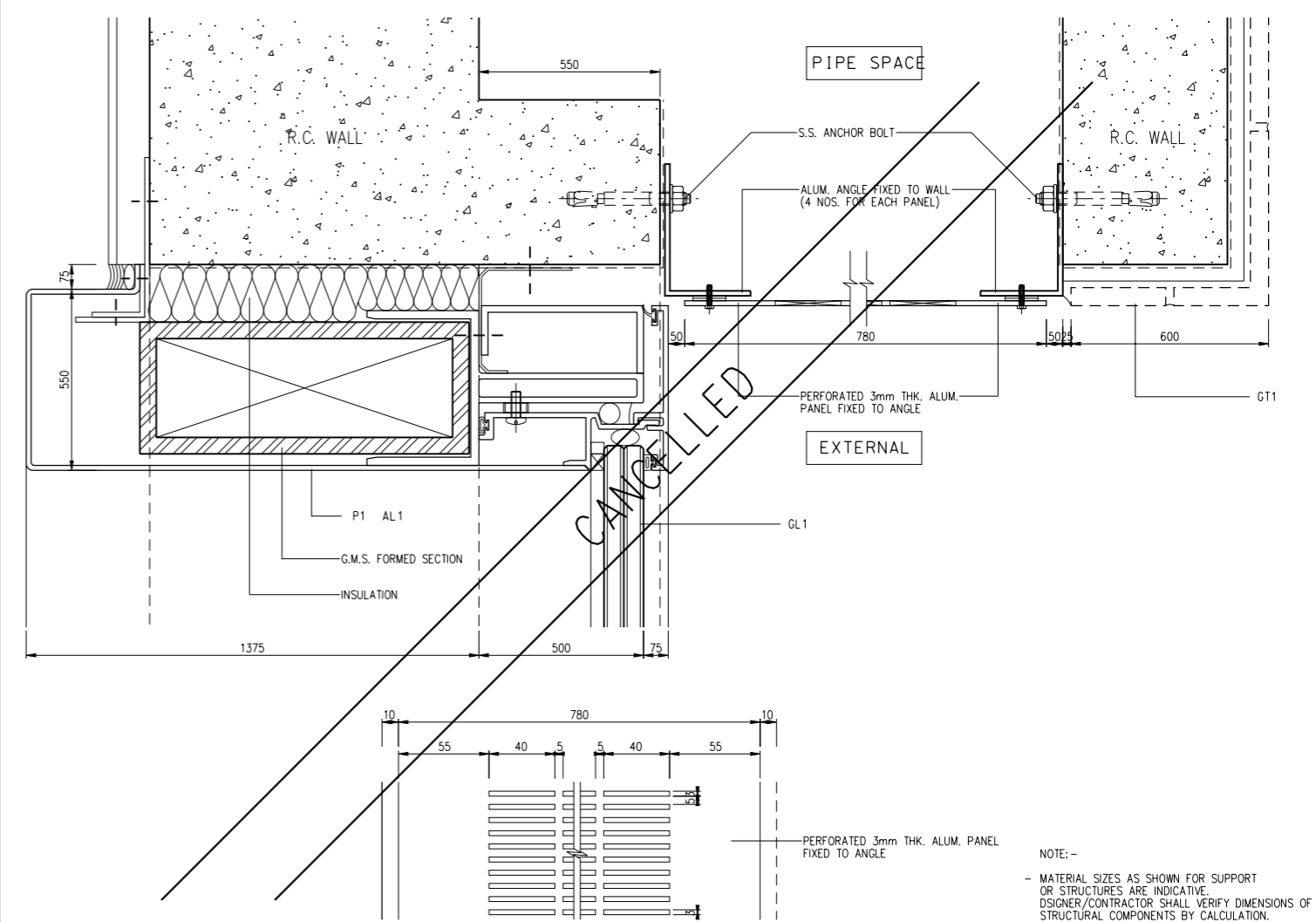
01 DETAIL : STRONGWELL GREEN GRID CUSTOM DESIGN GREEN WALL



02 PLAN : ACCESS PANEL FOR PIPE SPACE



04 PLAN : PIPE DUCT



03 DETAIL : ALUM. PERFORATED PANEL FOR PIPE SPACE

NOTE: -
 - MATERIAL SIZES AS SHOWN FOR SUPPORT OR STRUCTURES ARE INDICATIVE. DESIGNER/CONTRACTOR SHALL VERIFY DIMENSIONS OF STRUCTURAL COMPONENTS BY CALCULATION.
 - G.M.S. REFERS TO HOT-DIP GALVANIZED MILD STEEL.

PLOT DRW: \$PLOTDRW\$
 MODELNAME: \$MODELNAME\$
 FILENAME: \$FILENAME\$

PRINTED BY: \$USERS\$
 \$DATES\$
 \$TIMES\$

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	WORKING DRAWING UPDATE				ELV/OH/28FEB13	LL			
A	WORKING DRAWING				ELV/OH/06MAY11	JH			

DRAWN	OH
DESIGNED	NKH
CHECKED	AN
APPROVED	JH
DATE	06/MAY/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

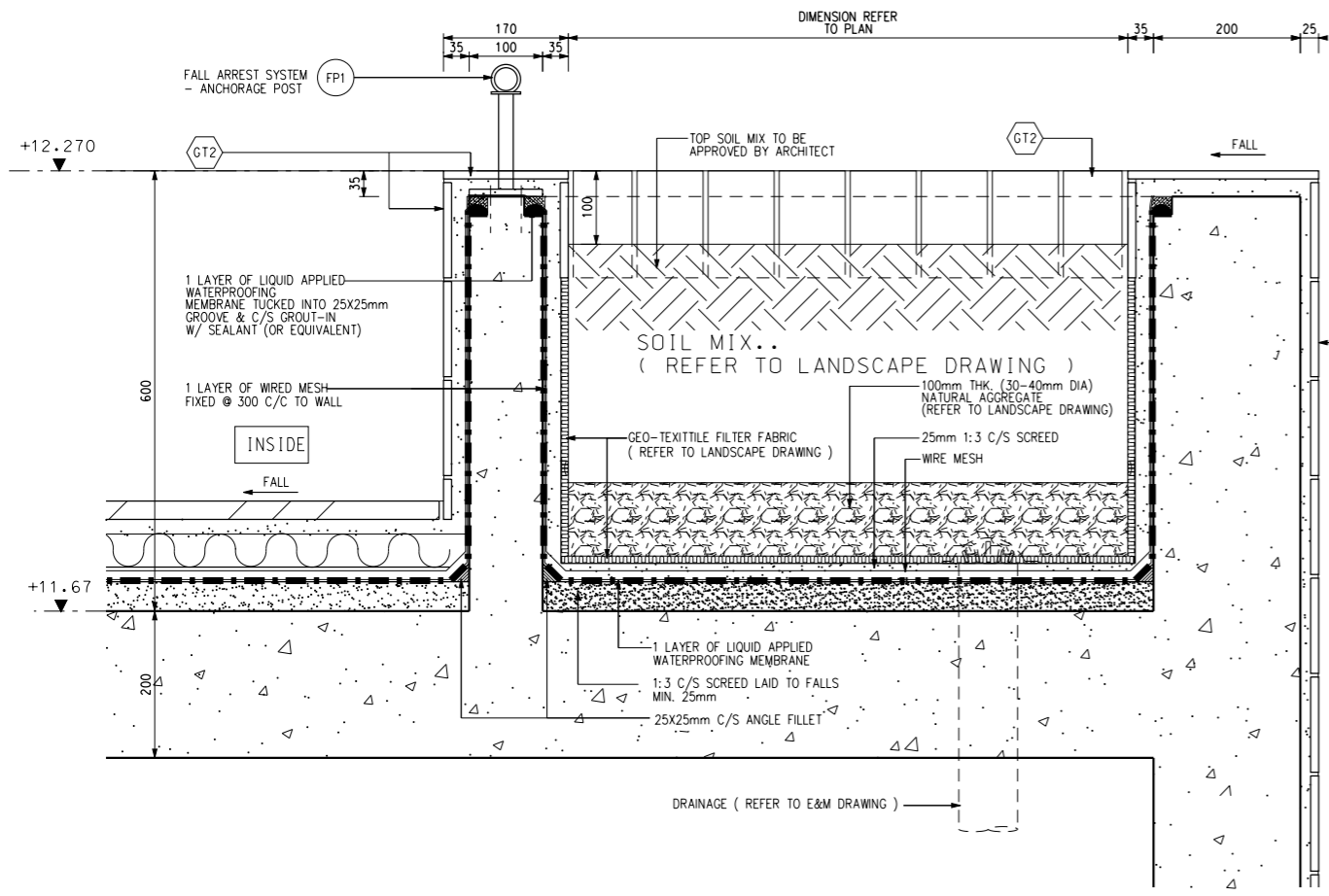
CADD REF. 1002_W_WHA_HCL_A70_116B.DGN

TITLE: **CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ALUM. PANEL & GREEN GRID DETAIL**

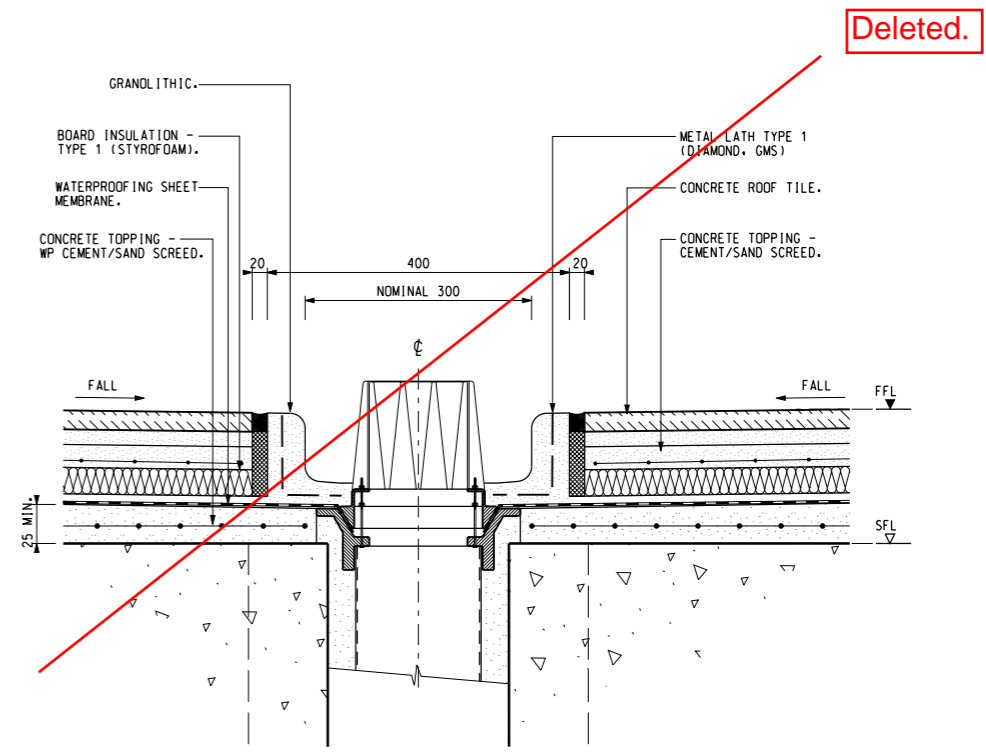
SCALE: 1:10 (A1)

DRAWING NO. 1002/W/WHA/HCL/A70/116

REV. B



Facade with metal net for climber planting



01 DETAIL : ROOF PLANTER DETAIL FOR DEE

02 DETAIL : ROOF RAINWATER OUTLET

1 : 5 (A1)
1 : 10 (A3)

PLT DRW: \$PLTDRW/\$
MODEL: \$MODEL/\$
FILENAME: \$FILENAME/\$

PRINTED BY: \$USERS \$DATES \$TIMES

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING								

DRAWN	ELV
DESIGNED	NKH
CHECKED	AN
APPROVED	JH
DATE	25/APR/2012

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR: **Hyder**

SUPPORTED BY: Ronald Lu and Partners HK Ltd., Davis Langdon and Seah HK Ltd., MVA HK Ltd., ACLA Ltd.

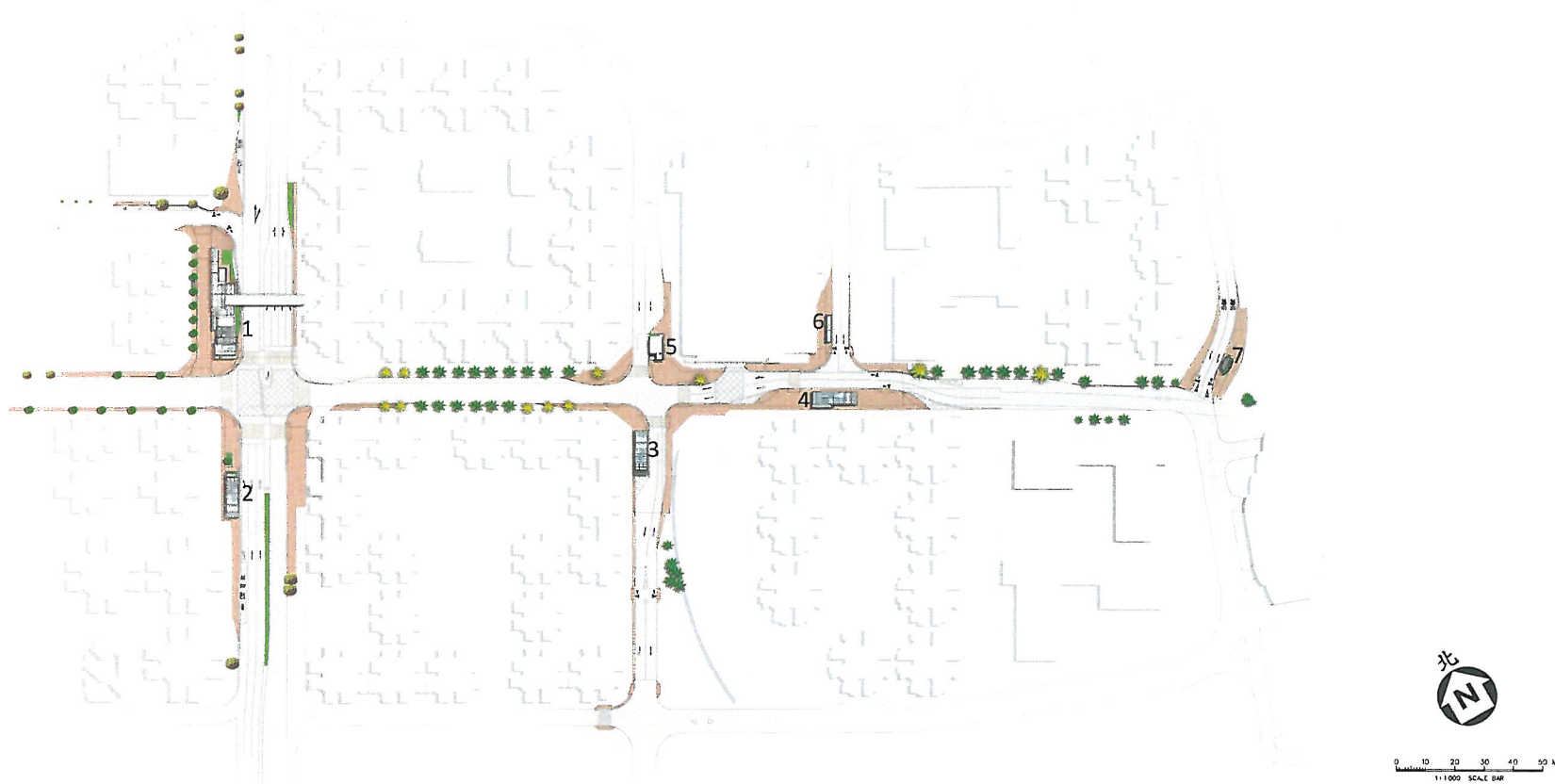
CADD REF. 1002_W_WHA_HCL_A70_125A.dgn

TITLE		CONTRACT 1002 WHAMPOA STATION AND OVERRUN TUNNEL ROOF RAINWATER OUTLET AND PLANTER DETAIL FOR DEE	
SCALE	DRAWING NO.	REV.	
1 : 5 (A1)	1002/W/WHA/HCL/A70/125	A	







Appendix B –

Figure 3.8 of VEP-329/2010 Application
Supporting Document

Landscape Master Plan



LEGEND

- | | | | | |
|--|--|----------------|----------------------------------|---|
|  Proposed Planting Area |  Existing Palm To Be Transplanted Back To Site After Construction | 1. Entrance A1 | 4. Entrance B2 | 7. Emergency Exit Point At Wan Hoi Street |
|  Proposed New Trees |  Existing Palm To Be Retained | 2. Entrance A2 | 5. Designated Emergency Entrance | |
|  Existing Tree To Be Retained |  Paving (Reprovision) | 3. Entrance B1 | 6. Vent Shaft At Tak Ting Street | |

NOTE:
 This drawing provides aesthetic impression of the indicative form, size and quality of the architectural and landscaping treatment for the KTE structures. The final details of layout, materials and finishes will be subject to detailed development.

This drawing does not indicate precise no. and locations of trees. The precise no. of trees to be retained, transplanted, felled and compensated shall be determined and agreed separately with government during the Tree Felling Application process under ETWB TC 3/2006.

Response to Comments
MTR Kwun Tong Line Extension – Whampoa Station (WHA) Revision B (December 2016) -
EP Condition 4.9 – Landscape and Visual Plan

No.	From	Section		Comments	MTR's Response
1.	EPD, letter by fax dated 22 September 2017			I refer to your letter (ref.: C10009-COR-ENVM-ENV-013826) dated 3 January 2017 enclosing the captioned landscape and visual plan (LVP) for our comment. Please note the comments on the LVP from landscape point of view below for your follow up.	Noted.
2.		General	a	Please provide the name of the Independent Environmental Checker (IEC) and Environmental Team (ET) Leader in addition to their signatures.	The names of IEC and ET leader have been provided in the signed covers.
3.		Landscape and Visual Plan (LVP) LDR 4.2 (Street planting in the vicinity of Hung Hom Road)	b	CM2 (Tree transplanting): The actual quantity and details of the trees to be transplanted and their receptor locations are still outstanding, hence, such mitigation measure could not be verified. Our previous comments are still valid.	The information of tree transplanting has been provided in Table 2.5.
4.			c	OM2 (Compensatory tree planting): As the actual quantity and details of the felled trees on the affected LR are still not provided, the proposed compensatory tree planting in terms of quantity and quality could not be ascertained.	The information of compensatory tree planting has been provided in Table 2.5. For species of trees to be compensated please refer to drawings 1002/W/WHA/HCL/A58/005, 1002/W/WHA/HCL/A58/006, and planting schedule 1002/Z/WHA/HCL/A58/308.
5.			d	OM3 (Horizontal and slope greening): As the proposed plant species for horizontal green are not provided, such mitigation measures could not be fully verified.	The species for horizontal greening was provided in drawings 1002/W/WHA/HCL/A58/005, 1002/W/WHA/HCL/A58/006, 1002/Z/WHA/HCL/A58/301, 1002/Z/WHA/HCL/A58/302 and planting schedule 1002/Z/WHA/HCL/A58/308.
6.			e	OM4 (Vertical greening): The species of the proposed climber for vertical green are not provided, such mitigation measures could not be fully verified.	The species for vertical greening was provided in drawing 1002/W/WHA/HCL/A58/005, 1002/Z/WHA/HCL/A58/301, 1002/W/WHA/HCL/A70/001,

No.	From	Section		Comments	MTR's Response
					1002/W/WHA/HCL/A70/007 and planting schedule 1002/Z/WHA/HCL/A58/308.
7.		LDR 4.3 (Three Planting on Tak Man/Tak On Streets)	f	CM2 (Tree transplanting): The details of the trees to be transplanted and their receptor locations are still not provided. Hence, CM2 (Tree transplanting) could not be verified.	The information of tree transplanting has been provided in Table 2.5.
8.			g	OM2 (Compensatory tree planting): The actual quantity and details of the felled trees on the affected LRs are still not provided, the proposed compensatory tree planting in terms of quantity and quality could not be ascertained.	In this area, no tree was felled in accordance with the approved TRA and therefore no compensatory tree planting is required. The information has been summarized in Table 2.5 for perusal.
9.		Vent Shafts at Shung King Street and integrated with DEE	h	Please refer to our comments regarding vertical green in terms (c) to (f).	The species for vertical greening was provided in drawings 1002/W/WHA/HCL/A70/052 and planting schedule 1002/Z/WHA/HCL/A58/308.
10.		Vent Shafts at Wan Hoi Street near forecourt of Harbourfront Landmark	i	As the updated drawings noted in the R to C, e.g. DAMS-1002-A-0127-SK02, 1002/W/WHA/HCL/A70/119 rev B and DAMS-1002-A-0127-SK01, are not found in the submitted drawings, our previous comment on the arrangement of drain pipes is still valid.	The mentioned drawings were attached in Appendix A3- Details of Planter at Wan Hoi Street Vent Shaft.

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 6: Fat Kwong Street Playground- Revision C
(November 2017)

Verified by:  (Jacky Chan)

Position: Independent Environmental Checker

Date: 14 Nov 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 6: Fat Kwong Street Playground – Revision C
(November 2017)



Certified by:  _____

Name: Kenneth Ng

Position: Registered Landscape Architect (RLA no. 034)

Date: 6/11/2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 6: Fat Kwong Street Playground – Revision C
(November 2017)

Certified by:



(Felice Wong)

Position:

Environmental Team Leader

Date:

- 6 NOV 2017

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Landscape and Visual Plan
Part 6: Fat Kwong Street Playground - Revision C
(November 2017)

1. INTRODUCTION

This landscape and visual plan covers Fat Kwong Street Playground (FKS) in compliance with Condition 4.9 of the Environmental Permit (EP No. EP-399/2010/D) of the Kwun Tong Line Extension (KTE), hereinafter referred to as “the Project”.

The landscape and visual mitigation measures of the Project have been commenced by phases. The landscape and visual plans for other areas of the Project have been submitted by stages at least one month before commencement of the respective landscape and visual treatment works.

2. LANDSCAPE AND VISUAL PLAN FOR FAT KWONG STREET PLAYGROUND

2.1. Design Details

In the approved KTE EIA, the LDR 2.3 (Fat Kwong Street Playground, FKS) and LDR-3.5 Slopes surrounding FKS (the Slope) would be affected by the provision of site office and the tunnel mucking out works at FKS under KTE project. As the slopes surrounding Fat Kwong Street Playground were retained as original and not affected by KTE project’s site works, no landscape and visual mitigation measure would be provided in this slopes area.

Landscape and visual mitigation measures in both the construction and operation phase have been recommended. Following the completion of the project, the FKS would be reinstated and no going operation stage impacts were envisaged. The Fat Kwong Street Playground has been designed and reinstated to the satisfaction of LCSD and the playground has been handover to LCSD on 30 September 2016. The landscape and visual mitigation measure implemented under KTE project was shown in Table 2.1.1.

Table 2.1.1 Landscape and Visual Mitigation Measures for FKS and the Slope

ID no.	Landscape / Visual Mitigation Measure	Reference information
CM2	<u>Tree Transplantation</u> Transplantation is proposed for a number of trees generally able to provide high amenity value and which are likely to survive the transplantation process. All transplantation will be carried out in accordance with ETWB TCW No. 3/2006 and undertaken under separate submission process.	According to the approved Tree Removal Application (TRA), no transplantation was proposed for FKS and the Slope. Other trees felling and retention works have been carried out in accordance with ETWB TCW No. 3/2006 and TRA process. Details refer to Table 2.1.2 below.

<p>OM1</p>	<p><u>Re-provision of Public Open Spaces</u></p> <p>Every effort should be made to minimise use of public open spaces, however if affected by the Project they shall be re-provisioned to an equal or improved standard at completion of the project. Sensitive design and reinstatement of the affected Public Open Spaces (Gascoigne Road Rest Garden, Yan Fung Street Rest Garden, Fat Kwong Street Playground) shall be made, incorporating replacement facilities to those currently provided and using materials of quality suitable for long term use and acceptable to the relevant government departments including LCSD and PlanD, who shall be consulted on the design of the reinstated public open spaces at an early stage of the design process.</p>	<p>The FKS has been designed and reinstated to an equal or improved standard at the completion of the project.</p> <p>Part of the existing u-channel and boundary fence wall, lamp post etc. have been retained and protected by the Contractor.</p> <p>After the removal of site hoarding and site entrance, the demolished fence wall has been re-provided.</p> <p>All the lamp post, pole lights, rain shelter, benches, letter bins, football goal stand, football courts etc. have been reinstated to their original locations.</p> <p>The original planter has been retained and protected. New shrub have been planted</p> <p>The Fat Kwong Street Playground has been designed and reinstated to the satisfaction of LCSD and the playground has been handover to LCSD on 30 September 2016.</p> <p>Photos showing the reinstatement of Fat Kwong Street Playground have been provided in Appendix B for reference.</p>
------------	---	---

OM2	<p><u>Compensatory Tree Planting</u></p> <p>Suitable land pockets within the project area will be used for the implementation of compensatory mitigation to offset the net loss of key landscape resources and improve visual amenity.</p> <p>A compensatory tree planting proposal including locations of tree compensation will be submitted separately to seek relevant government department's approval, in accordance with ETWB TCW No. 3/2006.</p>	<p>Compensatory Tree planting had been provided at FKS in accordance with ETWB TCW No. 3/2006 and Tree Removal Application process.</p> <p>The Tree Removal Application (TRA) with tree compensatory plan for the Fat Kwong Street Playground has been submitted and approved by Lands Department in accordance with ETWB TCW No. 3/2006. The compensatory tree planting in terms of quantity and quality has followed the TRA's requirements and to the satisfactory of LCSD's requirements and the playground has been handover to LCSD on 30 September 2016.</p> <p>Details of tree planting refer to Drawings no. 1001/W/000/OAP/A58/624, 1001/W/000/OAP/A58/625 and 1001/W/000/OAP/A58/626</p> <p>Compensatory tree planting information has been provided in Table 2.1.2 below.</p>
OM3	<p><u>Horizontal and Slope Greening</u></p> <p>Shotcreting of cut slopes shall be avoided and greening applications employed throughout the project.</p>	<p>The slope surrounding FKS has been maintained. The horizontal greening refers to Drawings no. 1001/W/000/OAP/A58/629 and 1001/W/000/OAP/A58/630.</p>

Table 2.1.2 Summary of transplantation, felled and compensatory tree planting

Landscape Resource	Works site / Area	Tree Transplantation	Tree Felling	Compensatory Tree Planting
--------------------	-------------------	----------------------	--------------	----------------------------

LDR 2.3 and LDR 3.5	Fat Kwong Street Playground and Surrounding Slope	FKS (WS15, WS26a and WS27)	No tree has been transplanted in the playground.	4 nos. of trees (Acacia confusa) have been felled in accordance to the approved TRA.	6 nos. of trees (Bauhinia variegata, 100mm DBH each) have been compensated on-site.
---------------------	---	----------------------------	--	--	---

2.2. Locations

Please refer to the attached drawings in Appendix A.

2.3. Implementation Programme

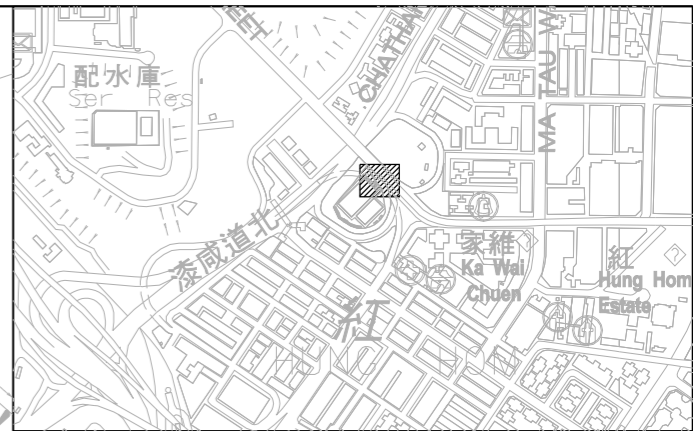
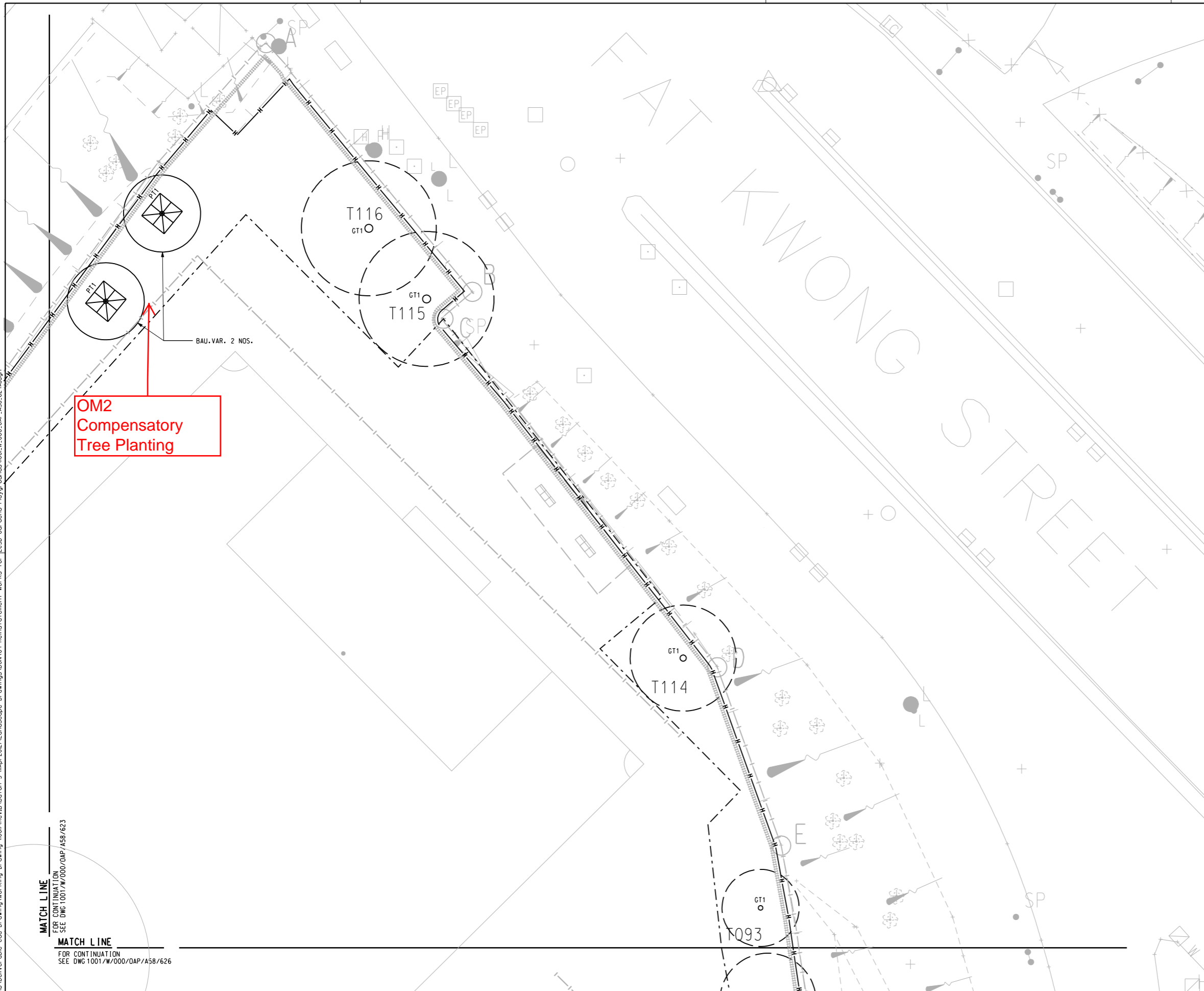
The landscape treatment works have been carried out in early September 2016 and completed in mid-October 2016.

2.4. Maintenance and management schedules

MTR Corporation would be responsible for the maintenance of the landscape mitigation measures for one year after completion. The landscape mitigation measures have been completed by MTR and referred back to the Leisure and Cultural Services Department after the warranty period.

Appendix A

Landscape and Visual Plan for Fat Kwong Street
Playground – Landscape Drawings



KEY LOCATION PLAN

NOTES
 FOR GENERAL NOTES, REFER TO DRAWING NO. 1001/W/000/OAP/A58/101
LEGEND
 FOR GENERAL LEGEND, REFER TO DRAWING NO. 1001/W/000/OAP/A58/102

SCHEDULE OF NEW HEAVY STANDARD TREES:

TYPE	BOTANICAL NAME	CHINESE NAME	STANDARD	SPACING	REMARKS	QUANTITY
類型	學名	中文名稱	規格	註	種植間距	數量
SHRUB	灌木類					
BAU.VAR.	BAUHINIA VARIEGATA	豔粉洋躑躅	HEAVY.ST.	AS SHOWN	B & B	2

MATCH LINE
 FOR CONTINUATION
 SEE DWG 1001/W/000/OAP/A58/623

MATCH LINE
 FOR CONTINUATION
 SEE DWG 1001/W/000/OAP/A58/626



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	WORKING DRAWING	KN	11APR12	TS					

DRAWN	RC
DESIGNED	JT
CHECKED	KN
APPROVED	TS
DATE	13/DEC/2011

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR
ARUP

Supported by:
 • Integrated Design Associates Ltd.,
 • Davis Langdon & Seah HK Ltd.,
 • Kenneth Ng & Associates Ltd.,
 • IntelliBuild

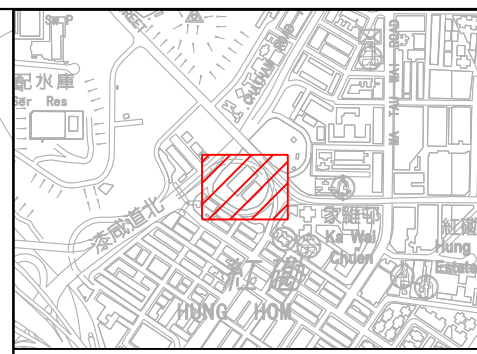
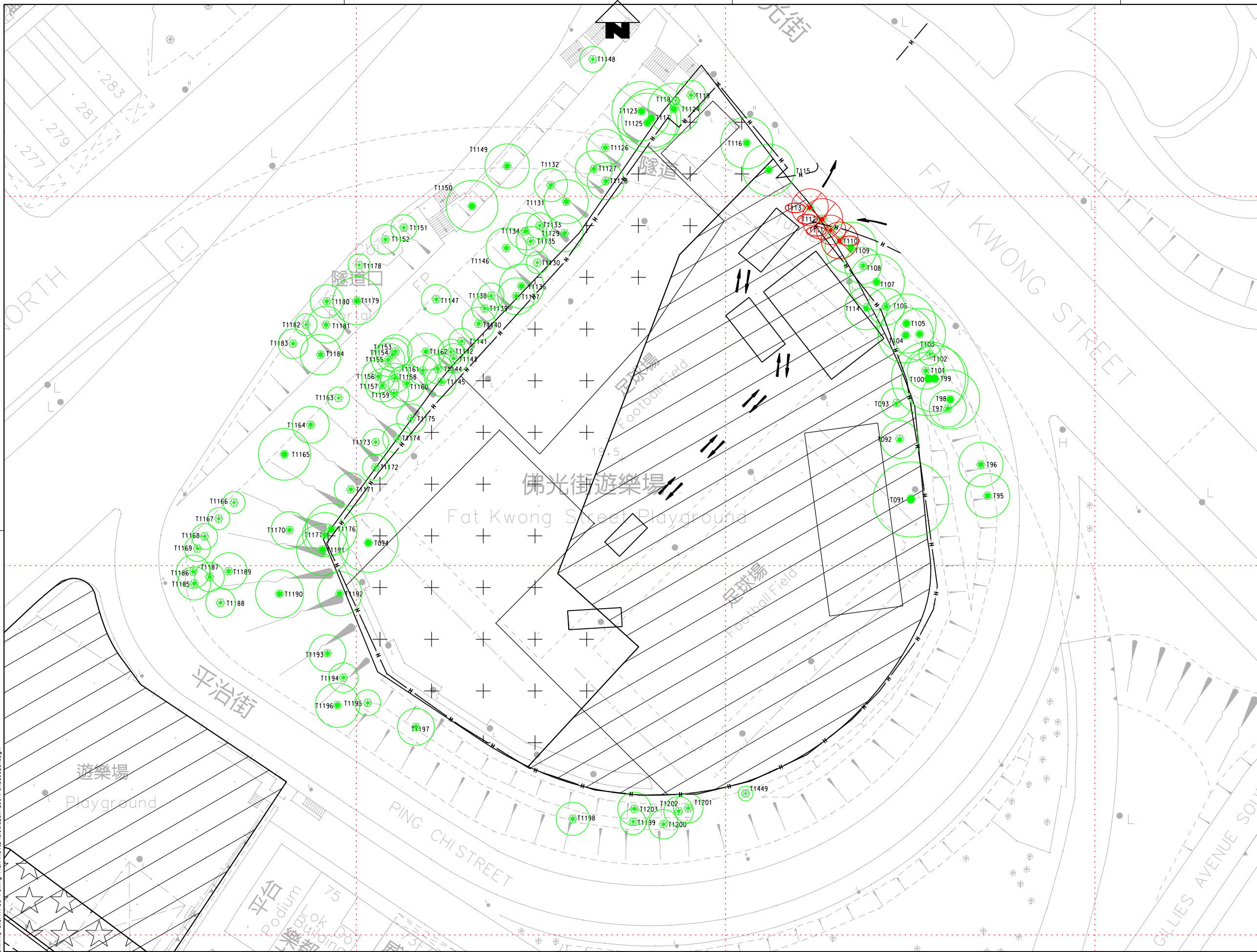
CADD REF.
 1001_W_000_OAP_A58_624A.dgn

TITLE
CONTRACT 1001
YMT TO WHAMPOA TUNNELS AND HOM STATION
FAT KWONG STREET PLAYGROUND
LANDSCAPE TREE PLANTING PLAN
 (SHEET 2 OF 4)

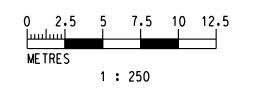
SCALE
 1 : 100 (A1)

DRAWING NO.
 1001/W/000/OAP/A58/624

REV.
 A



- LEGEND:**
- TREE TO BE TRANSPLANTED
 - TREE TO BE FELLED
 - TREE TO BE RETAINED
 - WORKS SITE
 - WORKS AREA
 - PROPOSED FOOTBRIDGE/COVERED WALKWAY



k:\Microstation Standard\Printer Driver\A3 COLOUR.plt
 MODELNAME: 200/5/17
 FILENAME: k:\Project\PROJ\OAKTE\CD\Tree Felling Plan\Rev.B\CD001.B.KTE_OAP_A58_028A.dgn

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
A	TREE REMOVAL APPLICATION	KN	03MAR10	TS					

DRAWN	IL
DESIGNED	EL
CHECKED	KN
APPROVED	TS
DATE	10/FEB/2010

MTR

KWUN TONG LINE EXTENSION

ORIGINATOR

ARUP

Supported by:

- Integrated Design Associates Ltd.,
- Davis Langdon & Seah HK Ltd.,
- Kenneth Ng & Associates Ltd.,
- IntelliBuild

CADD REF. C1001_B_KTE_OAP_A58_028A.DGN

TITLE	C1001 YMT TO WHAMPOA TUNNELS AND HOM STATION TREE SURVEY PLAN ZONE 28		
SCALE	1 : 250 (A1)	DRAWING NO.	C1001/B/KTE/OAP/A58/028
REV.	A		

Appendix B

Landscape and Visual Plan for Fat Kwong Street
Playground – Reinstatement Photos



Response to Comments
MTR Kwun Tong Line Extension-Fat Kwong Street Playground -
EP Condition 4.9 – Landscape and Visual Plan – Revision B

No.	Department	Reference	Comments	MTRC' Response
1.	EPD	Correspondences (letter by fax) dated 7 August 2017	I refer to your letter (ref.: C10009-COR-ENVM-ENV-013787) dated 28 November 2016 enclosing the captioned landscape and visual plan (LVP) for our comment. Please note the comment on the LVP from landscape perspective below for your follow up:	Noted.
2.			Please provide the name of Independent Environmental Checker (IEC) and Environmental Team (ET) Leader in the cover pages.	Noted. The name of IEC and ET Leader has been provided.
3.			OM2 (Compensatory tree planting): As the actual quantity and details of the felled trees on the affected LRs is not submitted, the proposed compensatory tree planting (OM2) in terms of quantity and quality could not be ascertained.	<p>The Tree Removal Application for Fat Kwong Street Playground has been approved by Lands Department dated 29 September 2016. The landscaping works and the compensatory trees have been provided on-site and handed over to LCSD on 30 September 2016. The 12 month establishment period will be expired on 22 November 2017.</p> <p>The summary of transplantation, tree felling and compensatory tree planting has been presented in Table 2.1.2.</p>