

MTR Corporation Limited

ROAD WORKS at WEST KOWLOON

(No. EP-366/2009/A)

Landscape Plan

(Revision 3)

Verified by : 
(Eric Ching)

Position : Independent Environmental Checker

Date : 28 May 2019

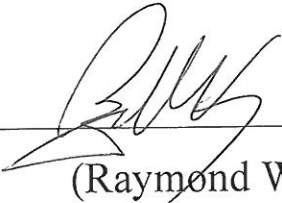
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Landscape Plan

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Certified by : 

(Raymond Wong)

Position : Environmental Team Leader

Date : 28 May 2019



**ROADWORKS
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**LANDSCAPE PLAN
(Revision 3)**

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1. INTRODUCTION

1.1 *Project Background*

1.1.1. In April 2008, the Government of Hong Kong Special Administrative Region (HKSAR) requested MTR Corporation to proceed with further planning and design of the Hong Kong section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL), which runs from the West Kowloon Terminus (WKT) to the boundary at Huanggang.

1.1.2. Upon the opening of WKT of Express Rail Link and the development of the West Kowloon Cultural District (WKCD), additional road traffic capacity and network restructuring would be required through and within the West Kowloon Reclamation Area (WKRA). Roads namely D1A, D1, Lin Cheung Road – Austin Road West Underpass and upgrading of Austin Road West (the Project) would be used to accommodate the anticipated increase in road traffic. **Figure 1** shows the area of the Project.

1.2 *Landscape Plan*

1.2.1 A Review Report (RR) was completed in May 2012 and was approved under the Environmental Permit (EP No. 366/2009/A) Condition 2.7 on 7 June 2012, to review the noise mitigation measures for the operation of the Project, as well as to review the landscape and visual mitigation measures recommended in the approved Environmental Impact Assessment (EIA) Report. This Landscape Plan is to detail the landscape and visual mitigation measures recommended in the RR, and to update it on the latest designs and landscape.

1.2.2 The Review Report recommends the following landscape and visual mitigation measures for operation phase:

OM1 – Aesthetically pleasing design as regard to the form, material and finishes should be incorporated to the landscape deck, noise barriers/enclosures, engineering structures and associated infrastructure facilities.

OM2 – Climbers on wire mesh to soften the noise barriers.

OM3 – Buffer tree and shrub planting to screen proposed noise barriers and enclosures.

OM4 – Structural and ornamental tree, shrub planting should be provided along roadside amenity areas and central divider to enhance the landscape and visual quality.

Figure 2 is extracted from the Review Report, to provide an overview of the proposed landscape and visual mitigation for the Project.

1.2.3 In accordance with the Environmental Permit (EP No. 366/2009/A) of Road Works at West Kowloon, Condition 2.13, the Permit Holder is required to submit a Landscape Plan, which shall show:

- the design details;
- locations;
- implementation programme;
- maintenance and management schedules; and
- drawings in the scale of 1:1,000 or other appropriate scale of the landscape and visual mitigation measures of the Project

1.3 Structure of the Plan

Chapter 2 – details the latest design of the recommended visual and landscape mitigation measures;

Chapter 3 – lists the implementation programme of landscape works;

Chapter 4 – presents the maintenance and management responsibilities for the landscape and visual mitigation measures;

Chapter 5 – concludes the implementation of the recommended visual and landscape mitigation measures; and

Chapter 6 – provides additional information to address mitigation measures during construction.

2. DETAILS OF VISUAL AND LANDSCAPE MITIGATION MEASURES

2.1 General Description

2.1.1 The landscape works in the Project are mainly for landscape and visual mitigation measures on the direct noise mitigation measures, such as, noise barriers along Lin Cheung Road (LCR) and Road D1A, footbridges and noise mitigation deck; as well as to provide greening and planting in the external areas, such as central dividers and roadside amenity areas, along LCR, Road D1A and Austin Road West. **Appendix A** shows the planting and design details of each area. The proposed planting details in **Appendix A** are subject to agreement with the future management agents.

2.1.2 A list of structures (including landscape deck, noise barriers/enclosures, engineering structures and associated infrastructure facilities) in the Project, their locations, and proposed mitigation measures in the RR are presented in **Table 2.1**.

Table 2.1 – List of Structures and the Proposed Mitigation Measures

Engineering Structures	Location	Proposed OMs ¹ in the RR	OMs to be implemented	OMs description in this Plan
Noise Barriers with Cantilever	Cantilever noise barriers are along LCR south of Jordan Road, along Road D1A to the north of Jordan Road, and a section of Road D1A to the south of Jordan Road	OM1, OM2; OM3 and OM4 are at the central dividers on LCR	OM1, OM2; OM3 and OM4 are at the central dividers on LCR	OM1 is described in Section 2.2.2; OM2 in Section 2.2.4; OM3 and OM4 in Section 2.4.1
Vertical Noise Barriers	Vertical noise barriers are along LCR south to Jordan Road	OM1	OM1	OM1 is described in Section 2.2.2
Semi-enclosure	At the southbound of LCR to the south of Jordan Road	OM2	OM1, OM2	OM1 in Section 2.2.2; OM2 in Section 2.2.4
Noise-absorptive Panels	Noise panels are installed on the retaining walls and	OM1	OM1	Section 2.2.3

	ceilings of portal/opening of the underpass			
Footbridge 14	Footbridge 14 spans LCR and Road D1A to the north of Jordan Road		OM1, and landscape	OM1 in Sections 2.3.1.1-2.3.1.2; landscape in Section 2.3.1.3
Footbridge 3 (landscape deck)	Landscape deck covering LCR at the south of Jordan Road	OM1	OM1, and landscape	OM1 in Section 2.3.2.1; landscape in Sections 2.3.2.2
Noise Mitigation Measure Deck (landscape deck)	Landscape deck is at the east end of Austin Road West	OM1	OM1, and landscape	OM1 in Section 2.3.3.1; landscape in Sections 2.3.3.2

¹ Proposed landscape and visual mitigation measures for operation phase:

OM1 – Aesthetically pleasing design as regard to the form, material and finishes should be incorporated to the landscape deck, noise barriers/enclosures, engineering structures and associated infrastructure facilities.

OM2 – Climbers on wire mesh to soften the noise barriers.

OM3 – Buffer tree and shrub planting to screen proposed noise barriers and enclosures.

OM4 – Structural and ornamental tree, shrub planting should be provided along roadside amenity areas and central divider to enhance the landscape and visual quality.

2.1.3 The following sections present the latest designs of visual and landscape mitigation measures on the structures in the Project as recommended in the RR.

2.2 Noise Barriers – OM1 & OM2

2.2.1 The extent of noise barriers is along LCR south of Jordan Road (LCR(S)), along Road D1A to the north of Jordan Road (D1A(N)), and a section of Road D1A to the south of Jordan Road (D1A(S)). Noise barriers, which include cantilever barrier and vertical barrier, and semi-enclosure are proposed for different acoustic effects. Noise barriers with cantilever are 5.5m high with cantilever inclined at 45° at length ranging from 2m to 4m, located along LCR(S), D1A(N), and a section of D1A(S). Vertical noise barriers are 3m or 3.5m in height, located along LCR(S). The semi-enclosure is 5.5m high with 12m overhang, located at the southbound of LCR(S).

- 2.2.2 All noise barriers as well as the semi-enclosure are designed for the purpose of different acoustic effects; materials and finishes are consistent to be applied for the noise barriers/enclosure in the Project. The cantilever noise barriers and semi-enclosure comprise structural steel frame fabricated with formed steel box girders and acoustic panels. The steel works will be painted in mat finished light grey to blend in with the surrounding environment. Each panel of the noise barriers consists of transparent panels with linear graphic print, and light green absorptive-noise panels. Mesh wire will be placed on the absorptive-noise panels of cantilever barriers and semi-enclosure for the growth of climbers. The vertical barriers comprise vertical reinforced concrete structure with fair concrete finishes and light green absorptive-noise panel. Typical section and elevation of noise barriers drawings are illustrated in **Appendix A1.1**. The proposed vertical green panel for direct noise mitigation measure in the EIA Report (OM2) was rejected by The Advisory Committee on the Appearance of Bridges and Associated Structures (ACABAS). Climbers on mesh wire is an alternative proposed OM2 in the RR.
- 2.2.3 Sound-absorbing materials are recommended to be installed on the retaining walls and ceilings of portal/opening of the underpass, for noise mitigation. The absorptive-noise panels are in light green color to blend in with the surrounding environment and the planting at the at-grade area. The materials and color of these absorptive-noise panels are the same as the absorptive-noise panels on the noise barriers. Typical absorptive-noise panel arrangement at portal entrance is presented in **Appendix A1.1**. All designs of noise barriers/enclosure structures have been approved by the ACABAS. Section 2.2.2 and this section present the implementation of OM1 in design.
- 2.2.4 To further minimize the visual and landscape impacts to the neighborhood, flowering groundcover will be provided in the planter box at the bottom of the noise barrier, with about 600mm soil in depth (typical planter box drawing for noise barrier is shown in **Appendix A1.1**). And climbers will be planted against the mesh wire cover along the noise barrier panels to soften the engineering structure. Locations, species and quantity of groundcovers and climbers are shown on drawings in **Appendix A1.2**. Automatic dripping system will be provided for the irrigation of the soft landscape works along the planters. As mentioned in Section 2.2.2, this is the alternative proposed OM2 in the RR.

2.3 *Footbridges and Noise Mitigation Deck*

Two footbridges and a landscape deck were proposed to use as noise mitigation measures in the Review Report. Footbridge 14 spans Lin Cheung Road and Road D1A to the north of Jordan Road. The landscape deck covering Lin Cheung Road at the south of Jordan Road forms part of the Footbridge 3, which connects the northeast part of the Kowloon Station with the northern edge of WKT, hence referred as Footbridge 3 in this Landscape Plan. And a noise mitigation deck was referred as landscape deck in the RR at the east end of Austin Road West.

2.3.1 *Footbridge 14 – OM1 and Landscape*

2.3.1.1 The aesthetic architectural design of Footbridge 14 is to match with the surrounding design of the WKT. The appearance of the footbridge will be multi-cell box girder with glass roof supported by steel frame. The footbridge will be roofed over by a clear glass canopy with aluminum solar shading fin, filtering the harsh summer sun but allowing for daylight to reach all parts of the bridge. The posts, girder and cantilever beams supporting the canopy are built of Galvanized Mild Steel (GMS) in metallic grey paint finish. The footbridge floor will be laid in non-slippery homogenous floor tiles in dark grey color, with the drain on both sides to be covered with stainless steel grating. An overview and a typical footbridge cross section extracted from the ACABAS submission are presented in **Appendix A2.1**.

2.3.1.2 The portion of the footbridge above Lin Cheung Road will be widened to enhance the noise mitigation effect. The widening section of the footbridge will mainly be a skylight, and shrubs will be planted around the skylight, which provides a visually pleasing design in the linear footbridge; it will also allow natural daylight penetrating for the road section below the deck. A cross section of this landscape island is shown in **Appendix A2.1**. Section 2.3.1.1 and this section show the implementation of OM1 in design.

2.3.1.3 Planting of shrubs is all along the footbridge to enhance greening effect. The planting design reflects the architectural design of the infrastructure system in its use of layout, material, color and form. Locations, species and quantity of shrubs and groundcover are shown on drawings in **Appendix A2.2**. Water points will be provided at less than 40m intervals along the planters for irrigation. Flat channels and gullies are proposed along the deck of the footbridge for receiving storm water runoff.

2.3.2 Footbridge 3 (Landscape Deck) – OM1 and Landscape

2.3.2.1 Using the same design principle as Footbridge 14, Footbridge 3 is an open type elevated footbridge with a glass canopy along the main pedestrian route, its landscape deck above Lin Cheung Road will be widened to serve as a noise mitigation landscape deck, which also provides a skylight allowing for daylight to reach ground level. The landscape deck area of Footbridge 3 will not be accessible by the public. The irrigation and drainage systems are adapting the same system in Footbridge 14. A general layout plan, a cross section, and the details of the skylight design are shown in **Appendix A2.3**.

2.3.2.2 After the ACABAS submission in September 2011, details of the landscape design of the landscape deck are still in discussion with the future maintenance agent. A variety species of groundcover will be selected, and planting patterns will be specially designed for the landscape deck. Locations, species and quantity of groundcover are shown on drawings in **Appendix A2.4**.

2.3.3 Noise Mitigation Deck (Landscape Deck) – OM1 and Landscape

2.3.3.1 The Noise Mitigation Deck is designed with skylight and planting areas. It is standing between WKT and WKCD, surrounded by developments with distinct characters; the deck will form a neutral transition between them. There are three skylights on the deck. The skylights will light up the pavement walkway and the road section below the deck. Plexiglas with translucent white color is used for the skylights to prevent glare to the residential units above, and to reduce visual disturbance from the shadows of direct daylight to the drivers below. Same skylight material applies to skylight areas on Footbridge 14 and Footbridge 3. A general layout plan, cross section, and details of the skylight design are shown in **Appendix A2.5**. This section shows the implementation of OM1 in design.

2.3.3.2 The design of edge planters provide a rich greening element which merges into the green open space outside the future Chinese Opera Theatre of WKCD. Groundcover and shrubs are selected, depending on the soil depth, which is a minimum 300mm. Locations, species and quantity of groundcover/shrubs are shown on drawings in **Appendix A2.6**. Manual irrigation system in form of water points will be provided on the deck surface. A surface channel with sub-soil drainage system is adopted for collecting surface runoff at the skylights and the subsurface runoff of the planting area. This noise mitigation landscape deck will not be accessible by the public.

2.3.4 To better present the implementation of OM1 on the structures of the Project, **Table 2.2** summarizes the materials, finishes and colors of each structure.

Table 2.2 – Summary of OM1 to Structures

Engineering Structures	Materials	Finishes & Colors
Noise Barriers with Cantilever	<ul style="list-style-type: none"> - structural steel frame fabricated with formed steel box girders and acoustic panels - acrylic sheet for transparent panel - aluminum surface for noise absorptive panel at the bottom 	<ul style="list-style-type: none"> - steel works will be painted in mat finished light grey - panel of the noise barriers consists of transparent panels with mat finish and linear graphic print, and light green noise absorptive panel at the bottom
Vertical Noise Barriers	<ul style="list-style-type: none"> - vertical reinforced concrete structures with aluminum surfaced noise absorptive panel 	<ul style="list-style-type: none"> - fair faced concrete finishes and green noise absorptive panel
Semi-enclosure	<ul style="list-style-type: none"> - steel truss fabricated with acoustic panels - acrylic sheet for transparent panel - aluminum surface for noise absorptive panel at the bottom 	<ul style="list-style-type: none"> - steel works will be painted in mat finished light grey - panel of the noise barriers consists of transparent panels with mat finish and linear graphic print, and light green noise absorptive panel at the bottom
Noise-absorptive Panels	<ul style="list-style-type: none"> - sound-absorbing materials with aluminum surface 	<ul style="list-style-type: none"> - in light green color
Footbridge 14	<ul style="list-style-type: none"> - posts, girder and cantilever beams supporting the canopy are built of Galvanized Mild Steel (GMS) - glass canopy with aluminum fin - floor is in non-slippery homogenous floor tiles - skylight will use Plexiglas 	<ul style="list-style-type: none"> - GMS is in metallic grey paint finish - floor tiles in dark grey color - skylight in translucent white color
Footbridge 3 (landscape deck)	<ul style="list-style-type: none"> - posts, girder and cantilever beams supporting the canopy are 	<ul style="list-style-type: none"> - GMS is in metallic grey paint finish

	built of Galvanized Mild Steel (GMS) - glass canopy with aluminum fin - floor is in non-slippery homogenous floor tiles - skylight will use Plexiglas - fair-faced concrete for planter wall and concrete maintenance walkway on landscape deck	- floor tiles in dark grey color - skylight in translucent white color
Noise Mitigation Measure Deck (landscape deck)	- skylight will use Plexiglas - deck edges and spandrel around skylights are aluminum panels - columns are concrete	- skylight in translucent white color - steel beams and columns under skylights are painted in light grey

2.4 External Works – OM3 and OM4

2.4.1 Landscaping of external works includes planting of trees and shrubs on roadside amenity areas and the central dividers along Lin Cheung Road, Road D1A and Austin Road West, to screen the noise barriers/enclosure and to enhance the landscape and visual quality. This section is to show the implementation of OM3 and OM4. In particular, large areas of greening are dedicated at the north of Road D1A(N) and the central areas on Lin Cheung Road. **Approximately 110 new trees** including palms will be planted; they are standard trees to heavy standard trees. New trees species include *Bauhinia blakeana*, *Bauhinia variegata*, *Melaleuca cajuputi subsp. cumingiana*, *Schefflera actinophylla*, *Livistona chinensis*, and *Roystonea regia*. Some areas are reserved for trees to be transplanted from XRL tree nurseries. About 70 transplanted trees with species include *Spathodea campanulata*, *Archontophoenix alexandrae*, *Crateva trifoliata*, *Ficus microcarpa*, *Livistona chinensis*, *Cinnamomum burmannii*, *Peltophorum pterocarpum*, *Roystonea regia*, and etc. These are trees transplanted from XRL works areas to XRL tree nurseries.

2.4.2 For this external works planting, soil depth for shrubs are ranging from 300mm to 800mm, and for trees planting are ranging from 1200mm to 1500mm depending on the species. And tree pit diameter is about 300mm greater than the rootball in general; spacing between trees is normally 4m from center to center; it will be adjusted on site depending on the species. Though locations of trees have been approved under the Tree Removal Application (TRA), the actual planting spacing will be subject to the site conditions, species and

on-site agreement with the future maintenance party. A typical tree pit profile is shown in **Appendix A3.1**.

- 2.4.3 This greening not only enhances the amenity and landscape value of the area, but also has an effect to screen off the noise barriers. Locations, species and quantity of trees and shrubs are shown on drawings in **Appendix A3.1**. To the north of Jordan Road, an extensive landscaping area on top of the future public transport interchange (PTI) facilities located between Lin Cheong Road and Road D1A(N) is also part of the landscape work design for the West Kowloon development. As the PTI is not part of the Project, this Landscape Plan will not detail its landscape design.
- 2.4.4 As an effort to maximize open space for the public, and to harmonize the designs of WKT and WKCD, there will be a public plaza over the underpass of Austin Road West. The landscape design of this public plaza merges with the open area of WKT. There will be shrubs, bamboos, groundcover and turf covering the area; and approximately 100 standard to heavy standard new trees will be planted. New trees species include *Cinnamomum burmanni*, *Delonix regia*, *Elaeocarpus balansae*, *Plumeria rubra 'acutifolia'*, *Schima superba*, *Spathodea campanulata*, and *Terminalia mantaly*. Locations, species and quantity of trees and shrubs, as well as soil depth are shown on drawings in **Appendix A3.2**.
- 2.4.5 For the planting of both new trees and transplanted trees, proposals have been approved through the TRA. According to the latest approved TRA in February 2016, approximately 210 new trees will be planted and approximately 70 trees will be transplanted from XRL tree nurseries. However, the actual planting details will further depend on the site conditions and the arrangement with the future maintenance agents. The drawings presented in Appendix A are for indicative purpose. For tree compensation in West Kowloon area, many new trees will be planted off the roads in public open space, such as the landscape deck on top of the PTI (as it is mentioned in Section 2.4.3). There will be approximately 240 trees planted at the landscape deck on the PTI. The total amenity area at roadside is over 1.3 ha, and the public plaza on Austin Road West provides approximately additional 0.2 ha of amenity area.

3. IMPLEMENTATION

3.1 Implementation Program

Landscape works for the Project will be implemented by phases starting from mid-2017 to 2018 depending on the progress of the civil works. **Table 3.1** shows the tentative commencement period of works for each works area. **Appendix B** details the areas and program for the implementation of landscape mitigation measures. This implementation program is tentative; it will be adjusted with the civil works progress.

Table 3.1 Commencement of Landscape Works

Works Area	Commencement Months
Noise barriers on Lin Cheung Road	January 2018
Noise barriers on Road D1A	December 2017
Footbridge 3 ¹	January 2018
Noise mitigation deck ²	September 2017
Footbridge 14	October 2017
External works on Austin Road West	January 2018
External works on Lin Cheung Road	January 2018
External works on Road D1A	December 2017

Notes:

¹ Footbridge 3 was referred as landscape deck in the RR covering Lin Cheung Road at the south of Jordan Road

² The noise mitigation deck was referred as landscape deck at the east end of Austin Road West

4. MAINTENANCE AND MANAGEMENT

4.1 *Future Maintenance and Management Responsibilities*

The future maintenance and management for the landscape have been in discussion with the relevant government departments, i.e. Highways Department (HyD) Landscape Unit and Leisure & Cultural Services Department (LCSD). **Table 4.1** lists the future maintenance agents for the soft landscape in road works. A proposed demarcation plan of the WKT areas including the road works is presented in **Appendix C**.

Table 4.1 Future Maintenance Agent for Soft Landscape

Works Area	Maintenance Agent
Noise barriers on Lin Cheung Road	LCSD
Noise barriers on Road D1A	LCSD
Footbridge 3 ¹	LCSD
Noise mitigation deck ²	HyD Landscape Unit
Footbridge 14	LCSD
External works on Austin Road West ³	LCSD / XRL Railway Operator
External works on Lin Cheung Road ³	LCSD / XRL Railway Operator
External works on Road D1A	LCSD

Notes:

¹ Footbridge 3 was referred as landscape deck in the RR covering Lin Cheung Road at the south of Jordan Road

² The noise mitigation deck was referred as landscape deck at the east end of Austin Road West

³ Pink areas shown in Appendix C would be maintained by XRL Railway Operator

5. CONCLUSION

This Landscape Plan presents the design details of landscaping and aesthetic design of the noise mitigation structures for the road works in West Kowloon.

The structures are designed to blend in with the surrounding environment by careful selection of finishes, colors and landscaping arrangement. Planters will be provided at the noise barriers and along the footbridges for greening; and a variety of shrubs, groundcover, and climbers will be selected to enhance the aesthetical pleasing effect. Over 270 nos. of new trees and transplanted trees will be planted along the roadside amenity areas, central dividers and the open plaza on Austin Road West.

The overall landscape design will aesthetically blend into the vicinity of the development of West Kowloon. These designs conform to the recommended landscape and visual mitigation measures in the Review Report.

6. ADDITIONAL INFORMATION

Though the purpose of this Landscape Plan is not to address the recommended landscape and visual measures for construction, rather as mentioned in Section 1.2, it is to show the details of the recommended landscape and visual mitigation measures in the RR. Nevertheless, as a special requirement by Planning Department, the recommended landscape and visual measures for construction in the EIA Report, which concerned by Planning Department, are presented in the Additional Information section of this Landscape Plan.

CM1 – Top Soil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works.

This is a good site practice recommended in the EIA Report. This recommendation has been included in the Particular Specification of Tree Works, Soft Landscape Works and Related Works to the contractors.

CM2 – Existing trees to be retained on site should be carefully protected during construction.

This good site practice recommended in the EIA Report has been included in the Particular Specification of Tree Works, Soft Landscape Works and Related Works to the contractors. **Appendix D** is the relevant section for protection of existing trees extracted from the Particular Specification.

CM3 – Tree unavoidably to be affected by the works should be considered for transplanting in accordance with ETWB TCW No. 3/2006 – Tree Preservation and maintained until end of the establishment period. Detailed tree transplanting proposal should be submitted to seek relevant government department’s approval in detailed designed stage.

The detailed tree transplanting proposal has been included in the Tree Removal Application for Express Rail Link – TRA-1: Works in Yau Tsim Mong District. The TRA was submitted in October 2009 with subsequent updates; the latest approval of the TRA from Lands Department is in February 2016.

According to the approved TRA, a large quantity of the transplanted trees could be immediately relocated to the final receptor locations, which are the roadside landscape

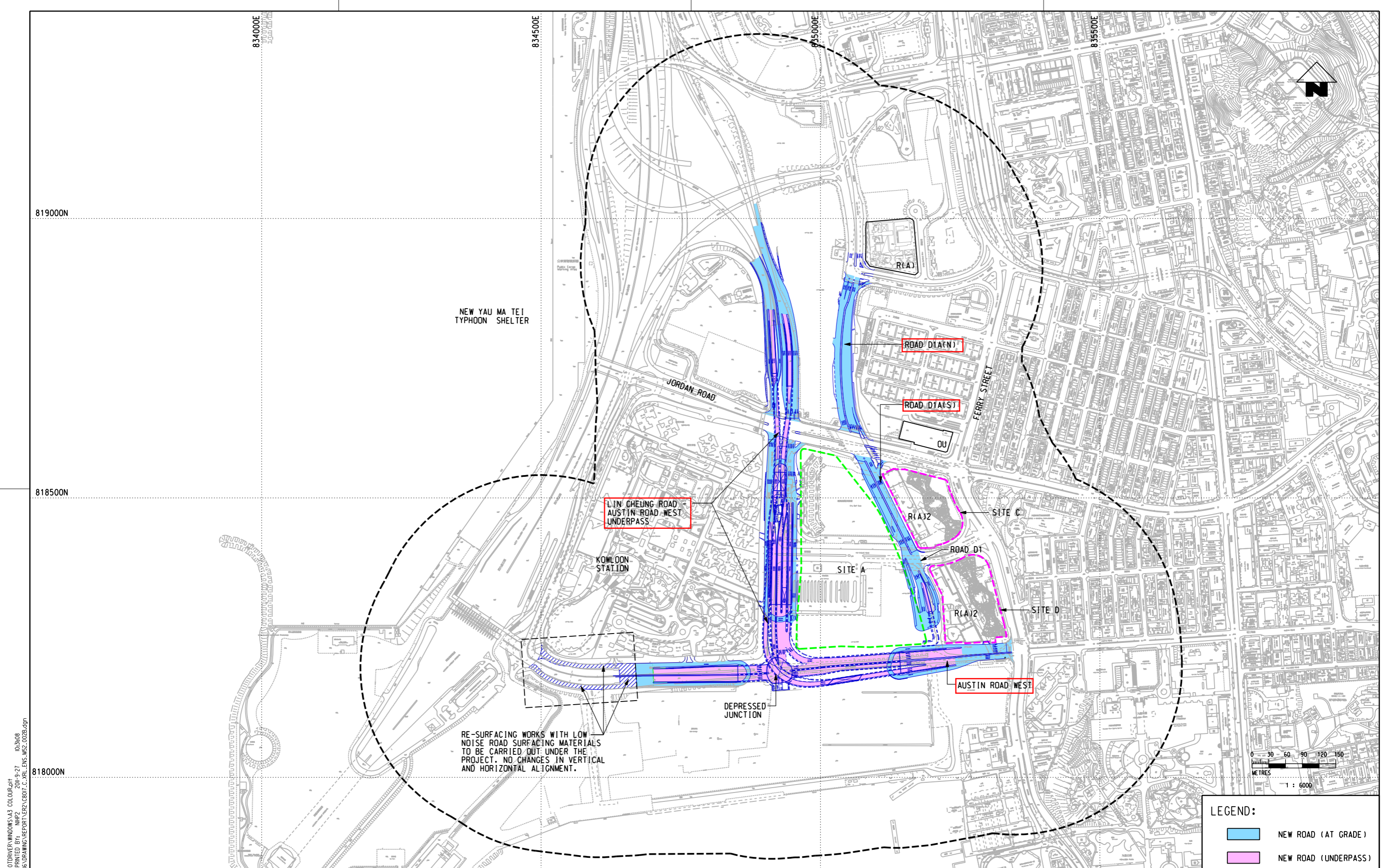
areas along the West Kowloon Corridor. Among the transplanted trees, the largest ones would be selected for immediate relocation to the West Kowloon Corridor. And for those cannot be immediately relocated would be held in the XRL Holding Nursery until the final receptor locations are ready. As far as possible the final locations of transplanted trees would be within the Yau Tsim Mong District; however, due to the lack of space, some transplanted trees may have to be relocated to other districts. For details, Tree Removal Application for Express Rail Link – TRA-1: Works in Yau Tsim Mong District is referred.

CM4 – Compensatory tree planting provided to compensate for felled trees, and maintained until end of the establishment period.

The compensatory tree planting plan has been approved with the TRA; and the latest approval is in February 2016. The approved compensatory tree planting is reflected in the working drawings in **Appendix A3.1** and **Appendix A3.2**.

FIGURE 1

Overview Area of Road Works at West Kowloon





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 FILENAME: 2011-09-27 10:30:08

RE-SURFACING WORKS WITH LOW NOISE ROAD SURFACING MATERIALS TO BE CARRIED OUT UNDER THE PROJECT. NO CHANGES IN VERTICAL AND HORIZONTAL ALIGNMENT.

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	REVIEW REPORT - FIRST ISSUE		26SEP11						
A	REVIEW REPORT - FIRST ISSUE								

DRAWN	DXL
DESIGNED	SPM
CHECKED	DCFL
APPROVED	JLAM
DATE	26/SEP/2011


ROAD WORKS AT WEST KOWLOON

 ORIGINATOR
 CADD REF. C8017_C_XRL_ENS_M52_002B.dgn









TITLE
C8017 ENVIRONMENTAL REVIEW
EXTENT OF 'NEW' ROADS UNDER THE PROJECT
SCALE 1 : 6000 (A3) **FIGURE NO.** C8017/C/XRL/ENS/M52/002 **REV.** B

FIGURE 2



Overview of Landscape and Visual Mitigation Measures

(An extract from the Review Report)

LEGEND:

-  3m HIGH VERTICAL BARRIER AT THE LEVEL OF +7.5mPD
-  3.5m HIGH VERTICAL BARRIER
-  5.5m HIGH CANTILEVER BARRIER WITH 2m CANTILEVER AT 45°
-  5.5m HIGH CANTILEVER BARRIER WITH 2.5m CANTILEVER AT 45°
-  5.5m HIGH CANTILEVER BARRIER WITH 3m CANTILEVER AT 45°
-  5.5m HIGH CANTILEVER BARRIER WITH 4m CANTILEVER AT 45°
-  5.5m HIGH SEMI-ENCLOSURE
-  EXTENT OF NOISE BARRIERS/ ENCLOSURES WITH SCREEN PLANTING



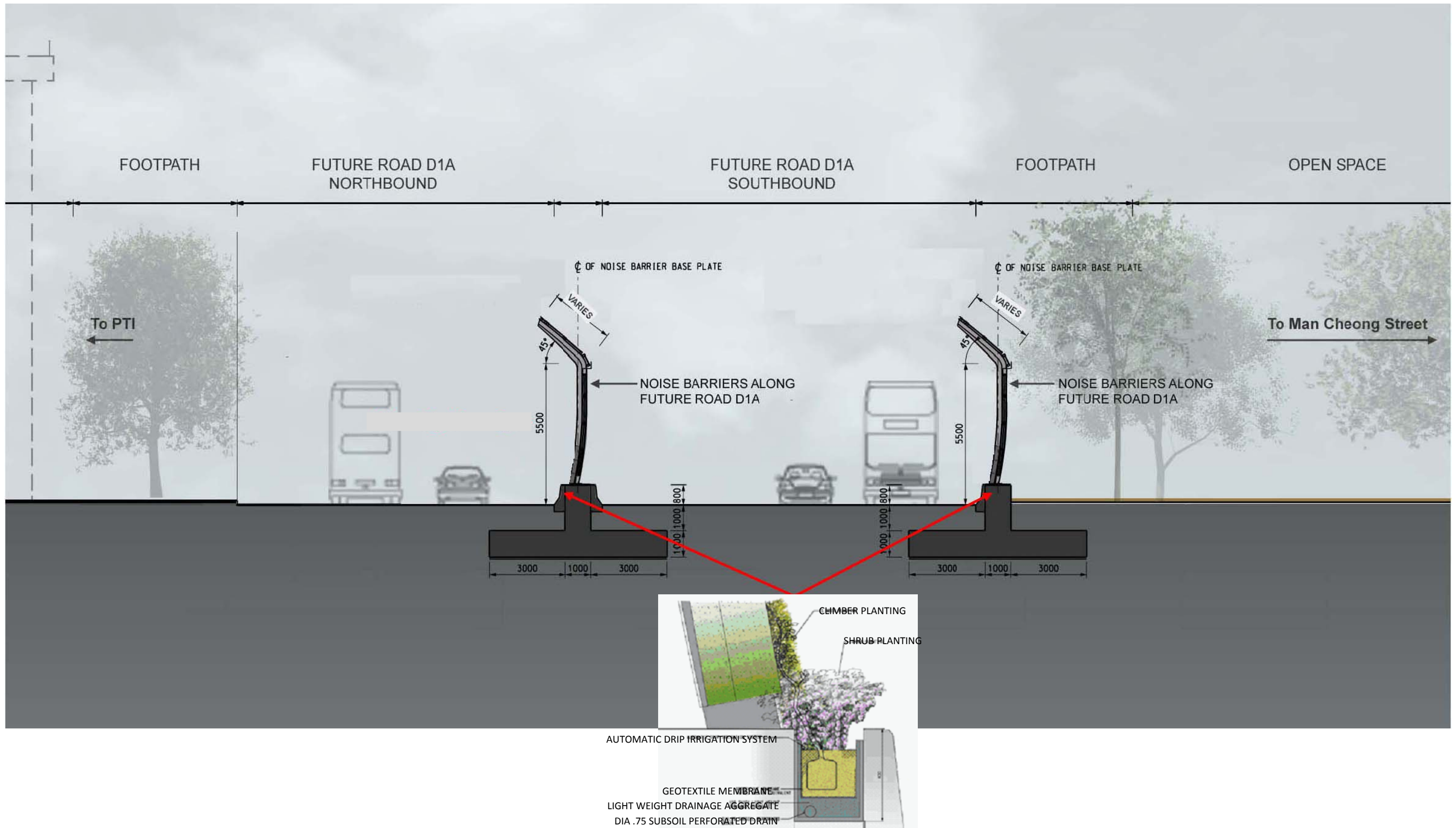
				DRAWN: DXL DESIGNED: SPM CHECKED: DCFL APPROVED: JLAM DATE: JAN/2012		 ROAD WORKS AT WEST KOWLOON 		TITLE C8017 ENVIRONMENTAL REVIEW LANDSCAPE AND VISUAL MITIGATION PLAN	
A REVIEW REPORT - FIRST ISSUE				ORIGINATOR RBL.dgn		SCALE 1 : 4000 (A3)		FIGURE NO. C8017/C/XRL/ENS/M54/402	
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED

APPENDIX A

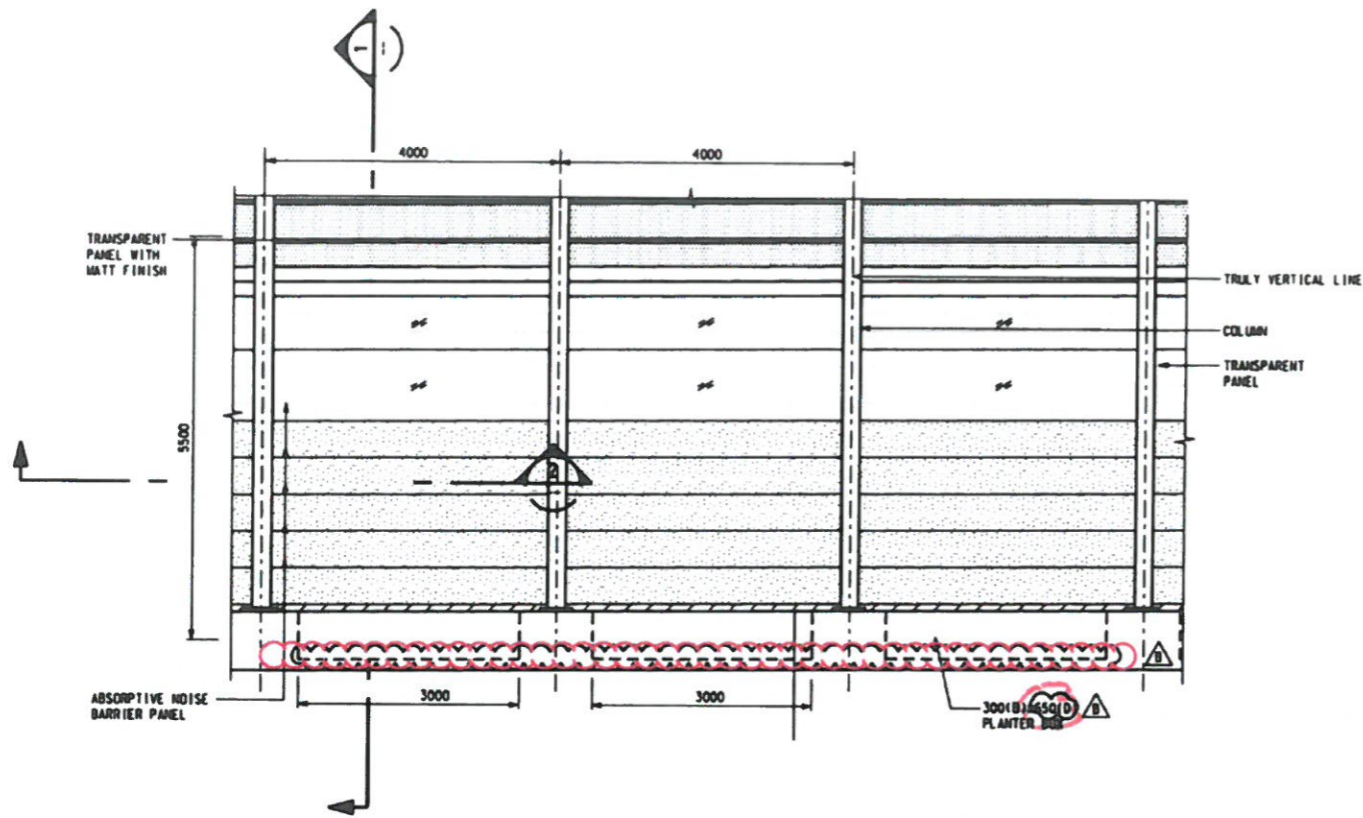
Aesthetic Design and Planting Drawings

APPENDIX A1.1

Noise Barriers

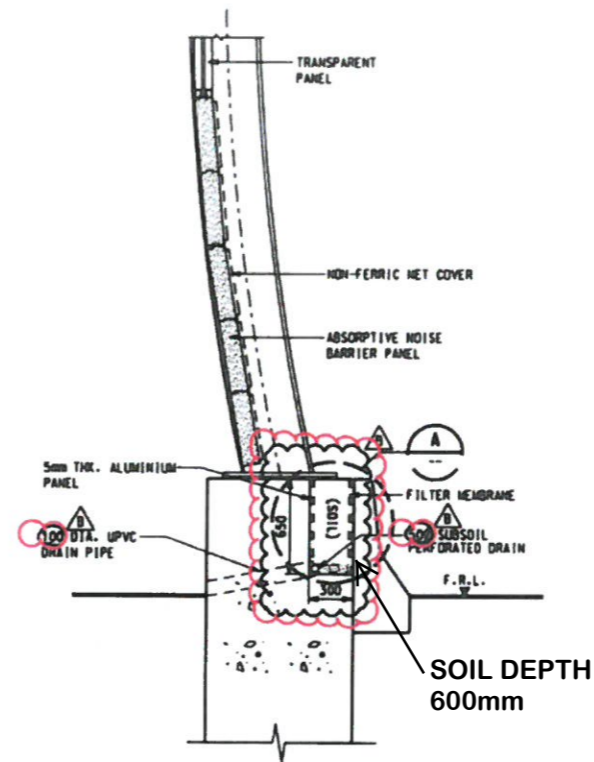


SECTION OF NOISE BARRIERS ALONG ROAD D1A (TYPICAL NOISE BARRIERS WITH CANTILEVER)

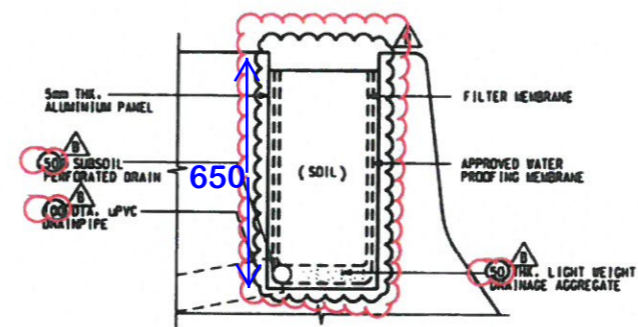
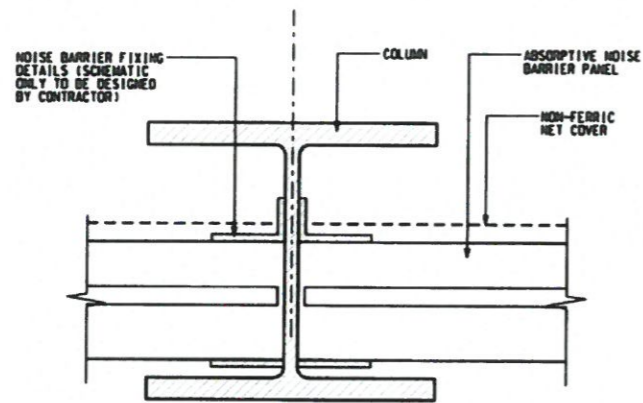


TYPICAL ELEVATION OF PLANTER BOX FOR NOISE BARRIER

SCALE 1 : 50



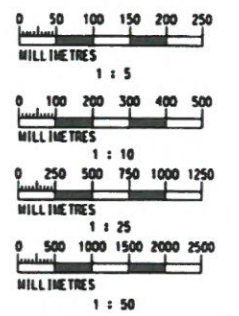
SECTION 1
SCALE 1 : 25



DETAIL A
SCALE 1 : 10

NOTE:

- THE CONTRACTOR SHOULD DESIGN, SUPPLY AND INSTALL/CONSTRUCT THE IRRIGATION SYSTEM AND WATER POINTS IN ACCORDANCE WITH THE FOLLOWING DESIGN REQUIREMENTS:
 - WATER POINTS SHALL BE PROVIDED AT APPROPRIATE LOCATION FOR WATERING PLANTS AT 80m RADIUS INTERVAL.
 - WATER POINTS SHALL BE PLACED AT LOCATIONS WHICH ARE CONVENIENT FOR USE BY GARDENERS BUT NOT TOO EYE-CATCHING TO PEDESTRIANS. THEY SHOULD NOT BE PLACED TOO CLOSE TO THE EDGE OF PLANTERS SO THAT THEY CAN BE SCREENED OFF BY PLANTINGS.
 - WATER POINTS SHALL BE PROVIDED WITH LOCKABLE DEVICES.
 - SUFFICIENT SPACE IS REQUIRED TO ALLOW EASY REMOVAL OF WATER HOSE. PULL-OVER TYPE SHALL BE USED FOR WATER POINTS.
 - WATER POINTS SHALL BE PROVIDED WITH COMPATIBLE LOCKABLE HOSE REEL STORAGE BOXES.
 - DESIGN OF WATER POINTS SHALL BE COMPATIBLE WITH THE DESIGN OF THE PLANTER AREA AND BLEND WITH THE ADJACENT ENVIRONMENT. THE WATER POINTS ARE PREFERABLY TO BE INCORPORATED INTO THE DESIGN OF THE PLANTER STRUCTURES. WITH PROPER DRAINAGE FOR DRAINAGE OFF EXCESS WATER, THE DESIGN SHOULD NOT BE VISUALLY OBSTRUCTIVE.
 - THE INSTALLATION OF WATER POINTS SHALL COMPLY WITH THE WATER WORKS DRAINAGE AND REGULATIONS.



TYPICAL PLANTER BOX ON NOISE BARRIERS

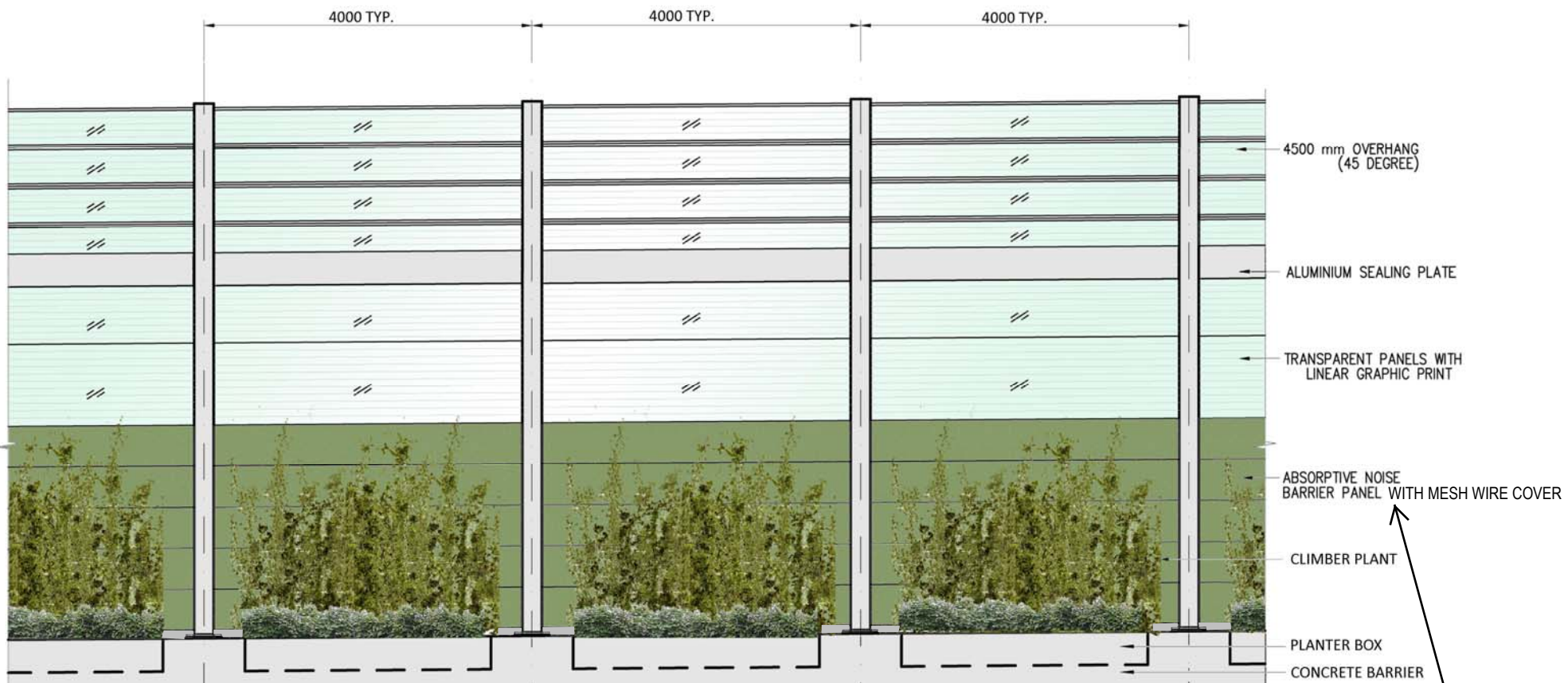


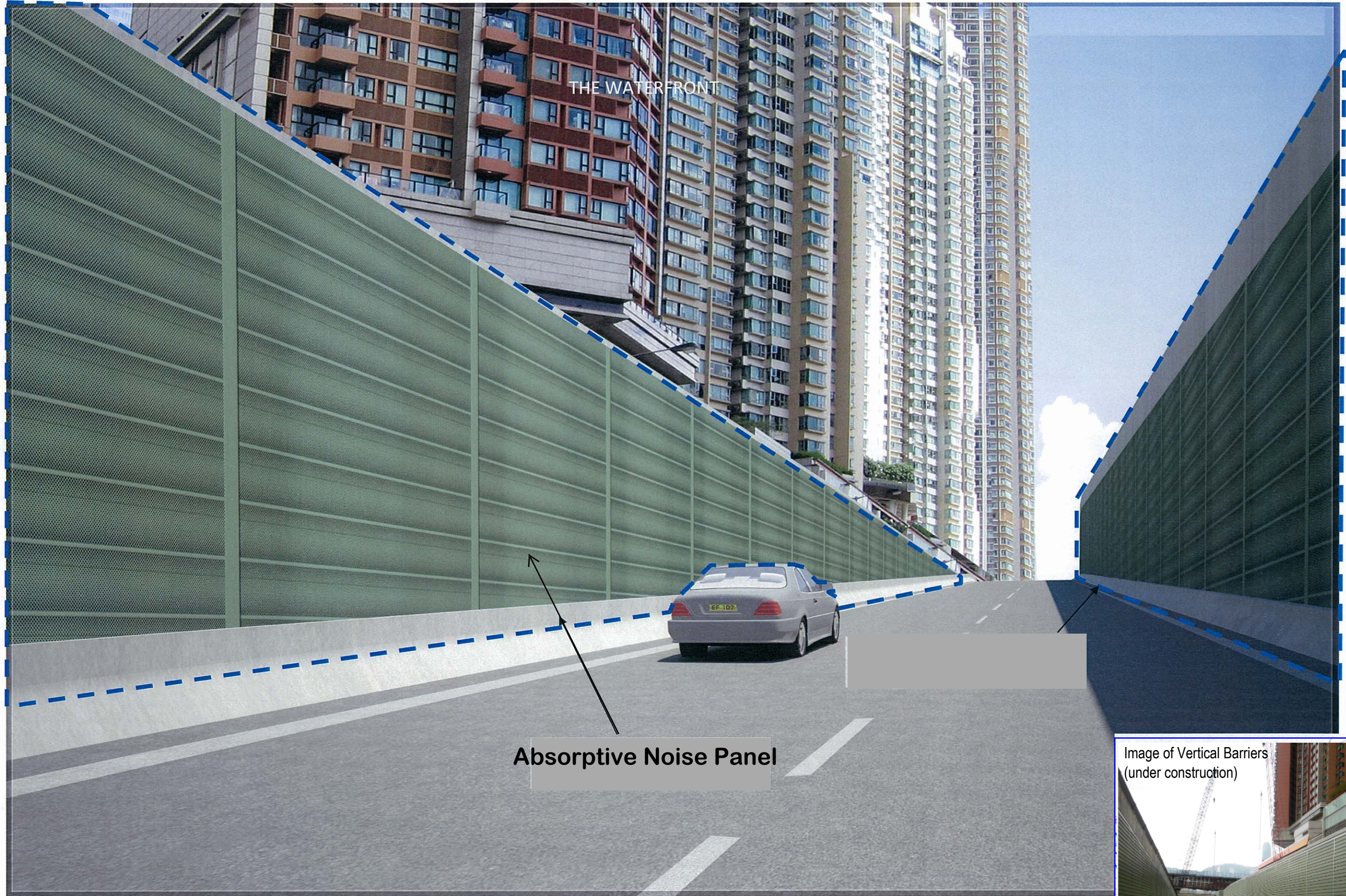
Image of Cantilever Barrier (under construction)



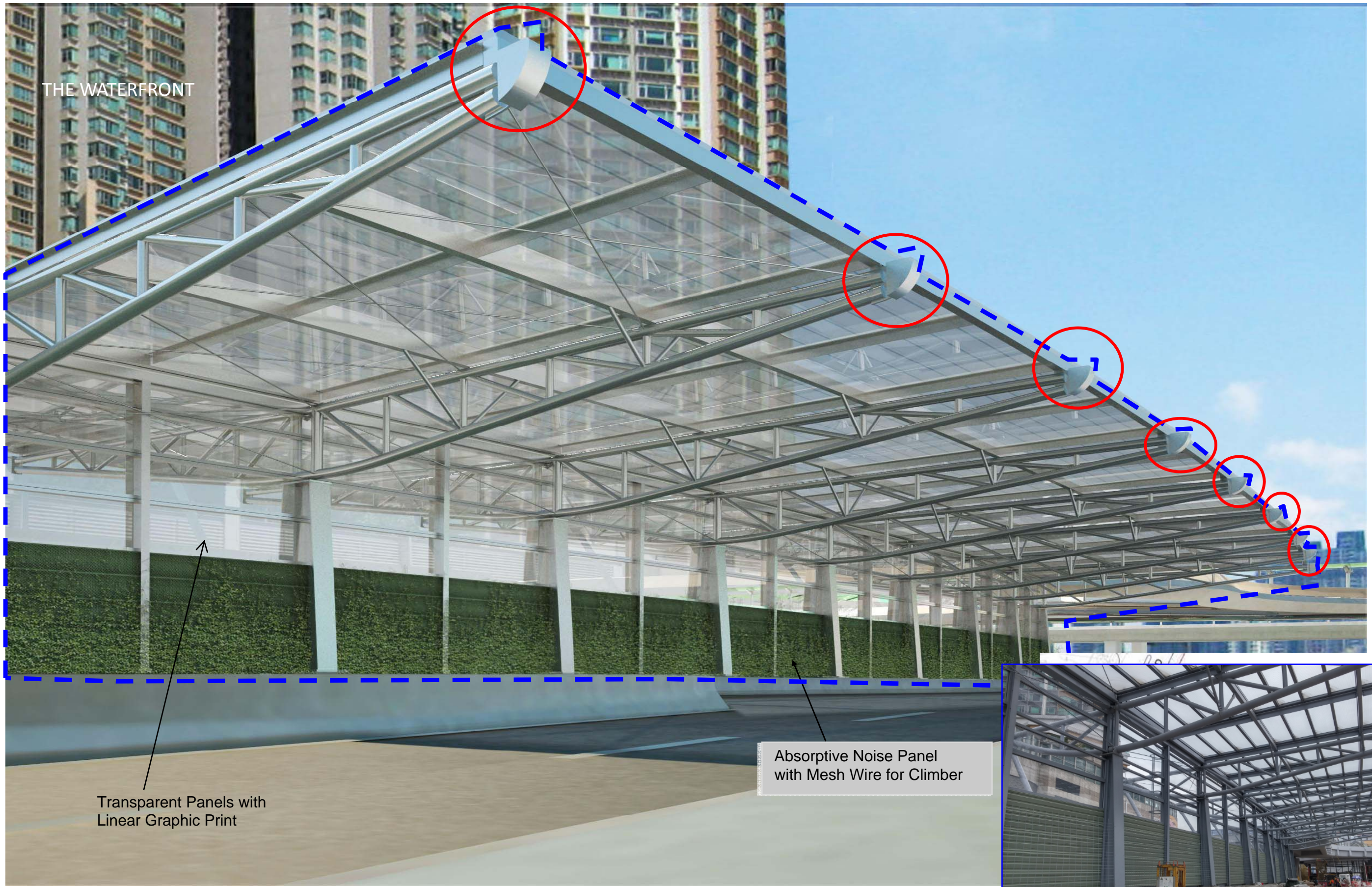
Reference Image of Climber Planting



TYPICAL ELEVATION OF NOISE BARRIERS WITH CANTILEVER

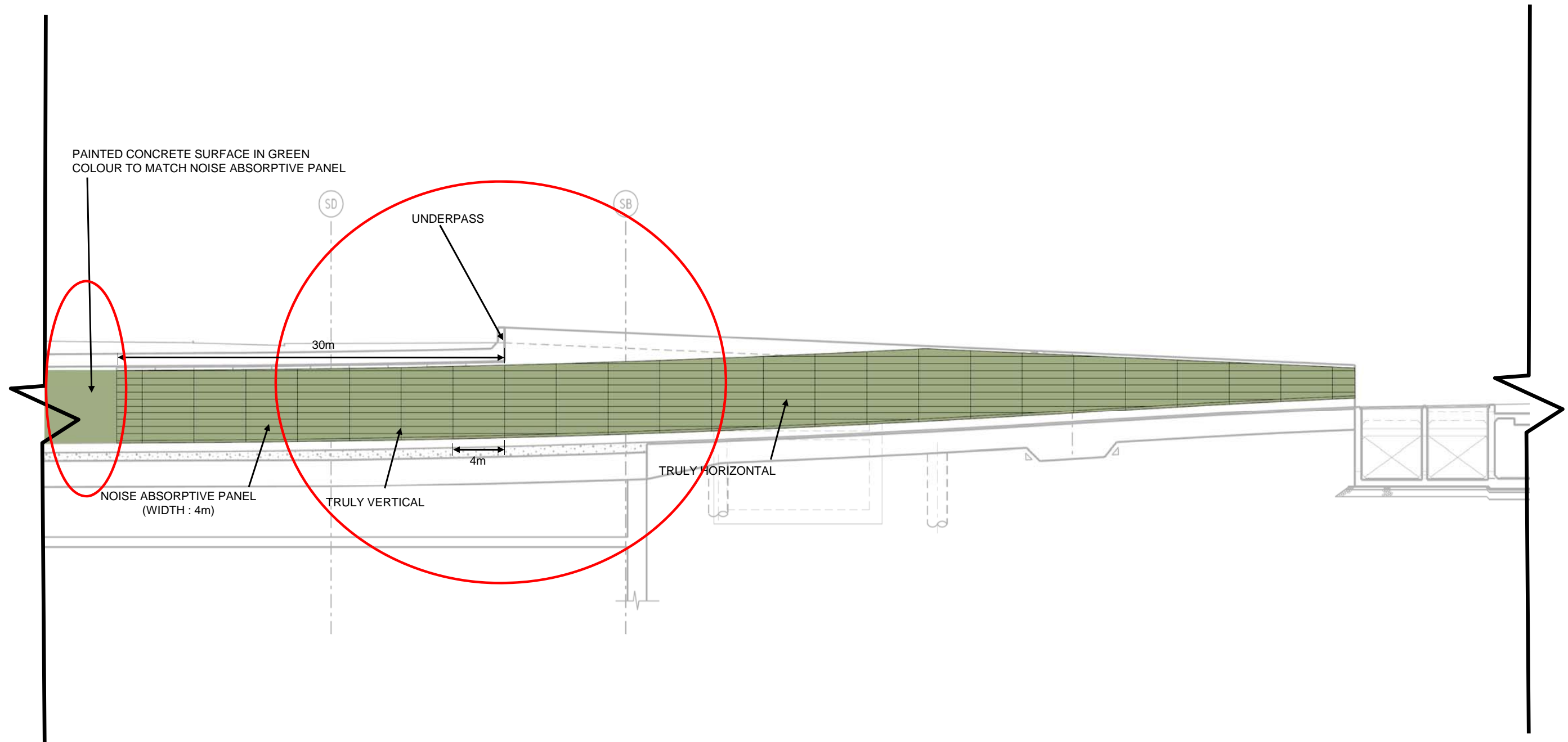


VERTICAL NOISE BARRIERS ON LIN CHEUNG ROAD



SEMI-ENCLOSURE ON LIN CHEUNG ROAD

Image of Semi-enclosure
(under construction)

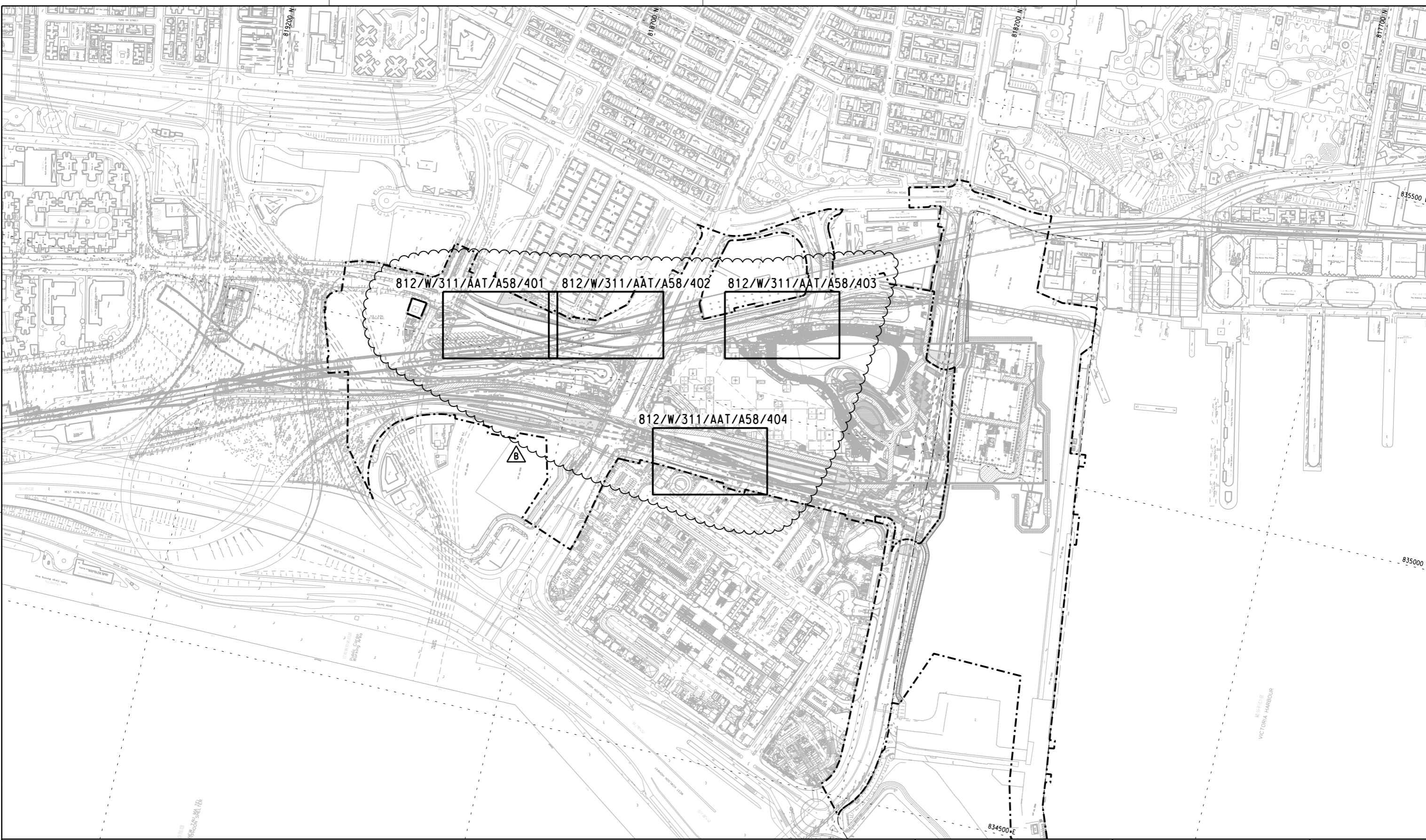


TYPICAL NOISE ABSORPTIVE PANEL ARRANGEMENT AT PORTAL ENTRANCE

APPENDIX A1.2

Noise Barriers Landscape

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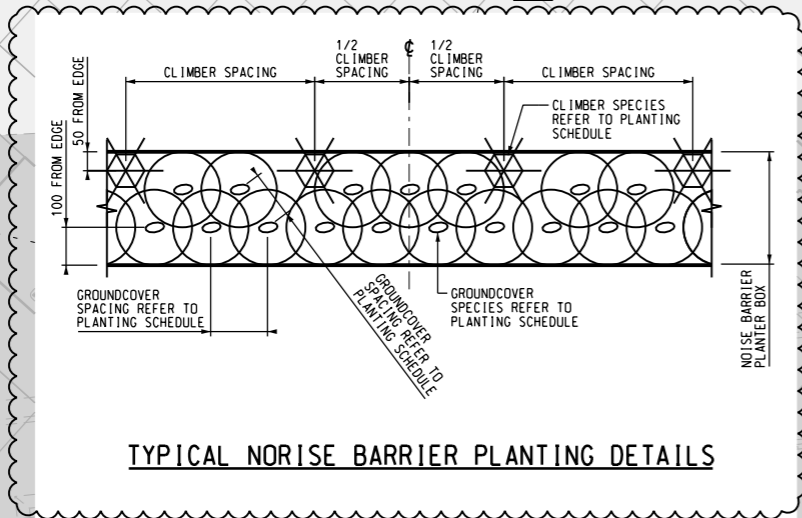
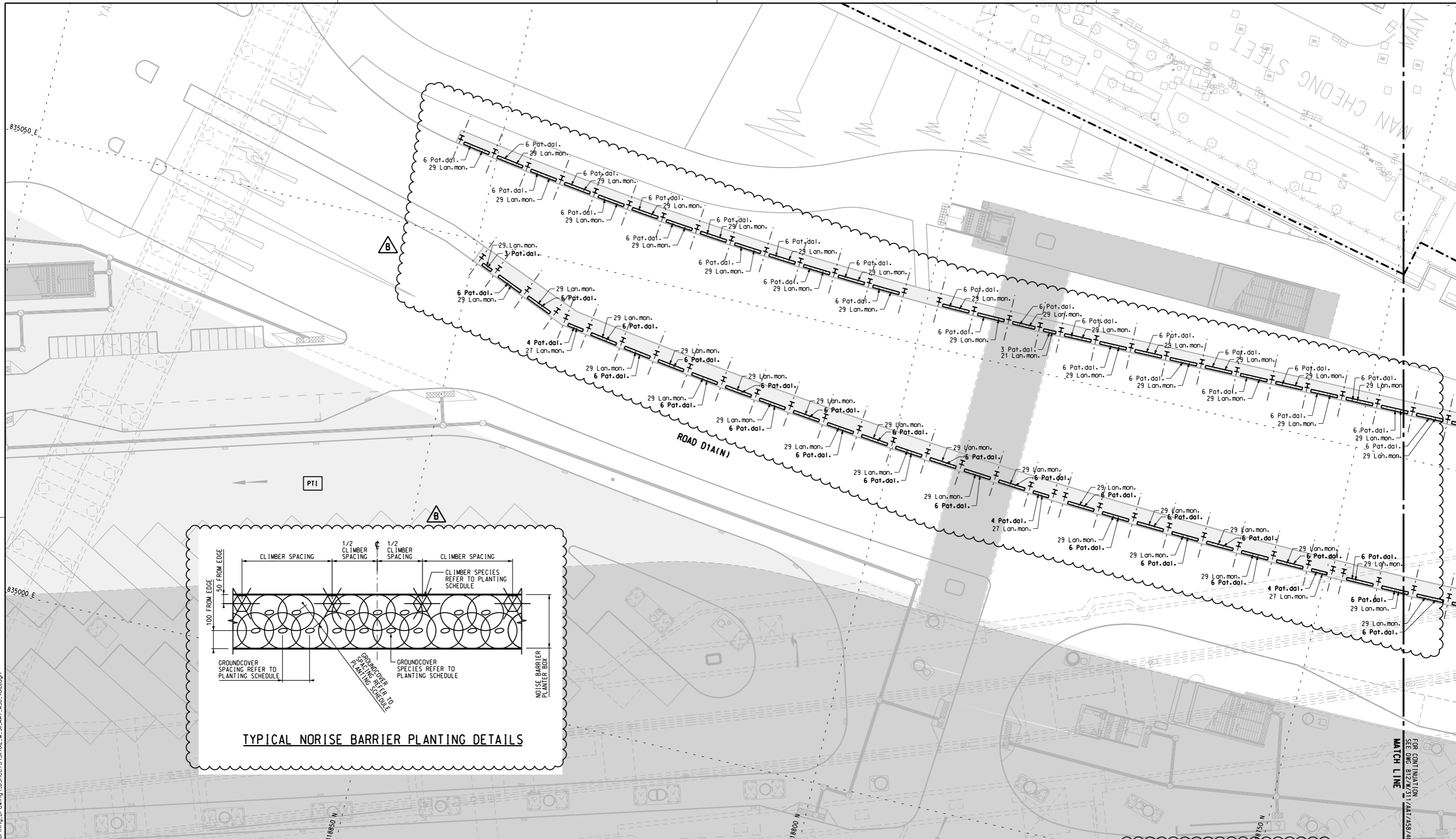
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 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013
 ORIGINATOR
MTR
 EXPRESS RAIL LINK
AECOM **Aedas**
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT
 CADD REF. 812_W_311_AAT_A58_400B.dgn

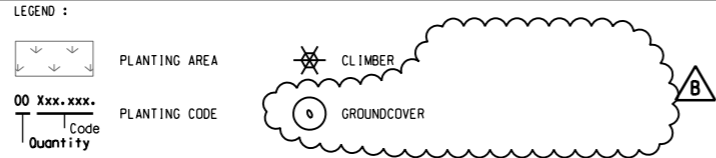
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 SCALE 1:2500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/400
 REV. B



TYPICAL NORISE BARRIER PLANTING DETAILS

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 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



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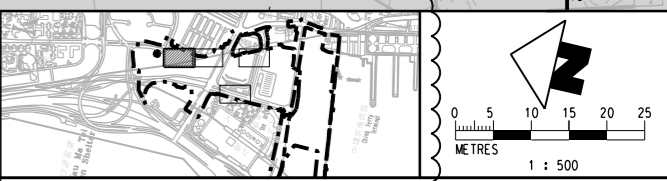
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CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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 ORIGINATOR

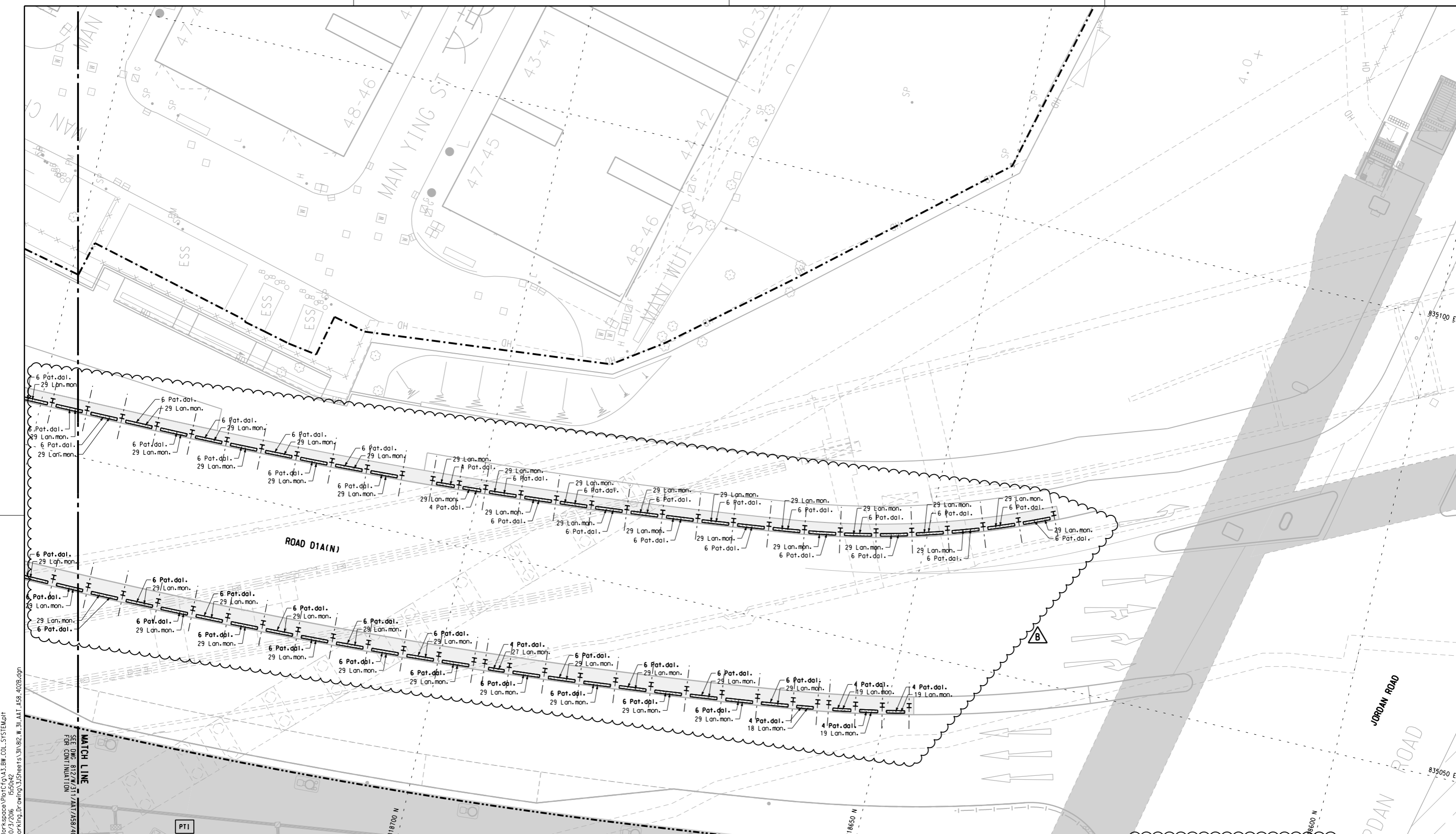
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CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 NOISE BARRIER PLANTING PLAN
 (SHEET 1 OF 4)

SCALE 1:200 @ A1
 DRAWING NO. 812/W/311/AAT/A58/401
 REV. B



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 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		CLIMBER
	PLANTING CODE		GROUNDCOVER

00 Xxx.xxx.
Code
Quantity

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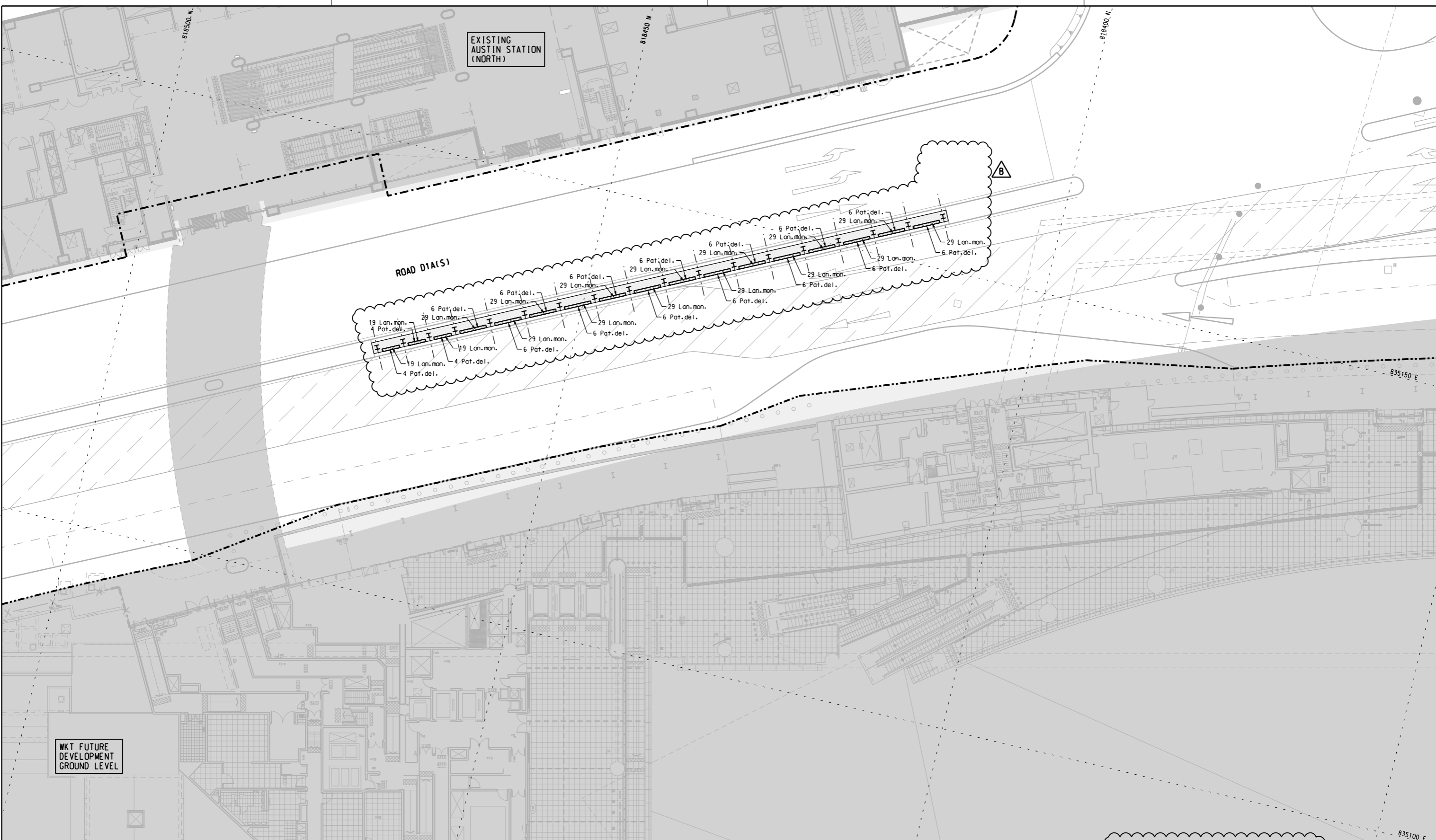
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS NOISE BARRIER PLANTING PLAN (SHEET 2 OF 4)

SCALE 1:200 @ A1

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Code
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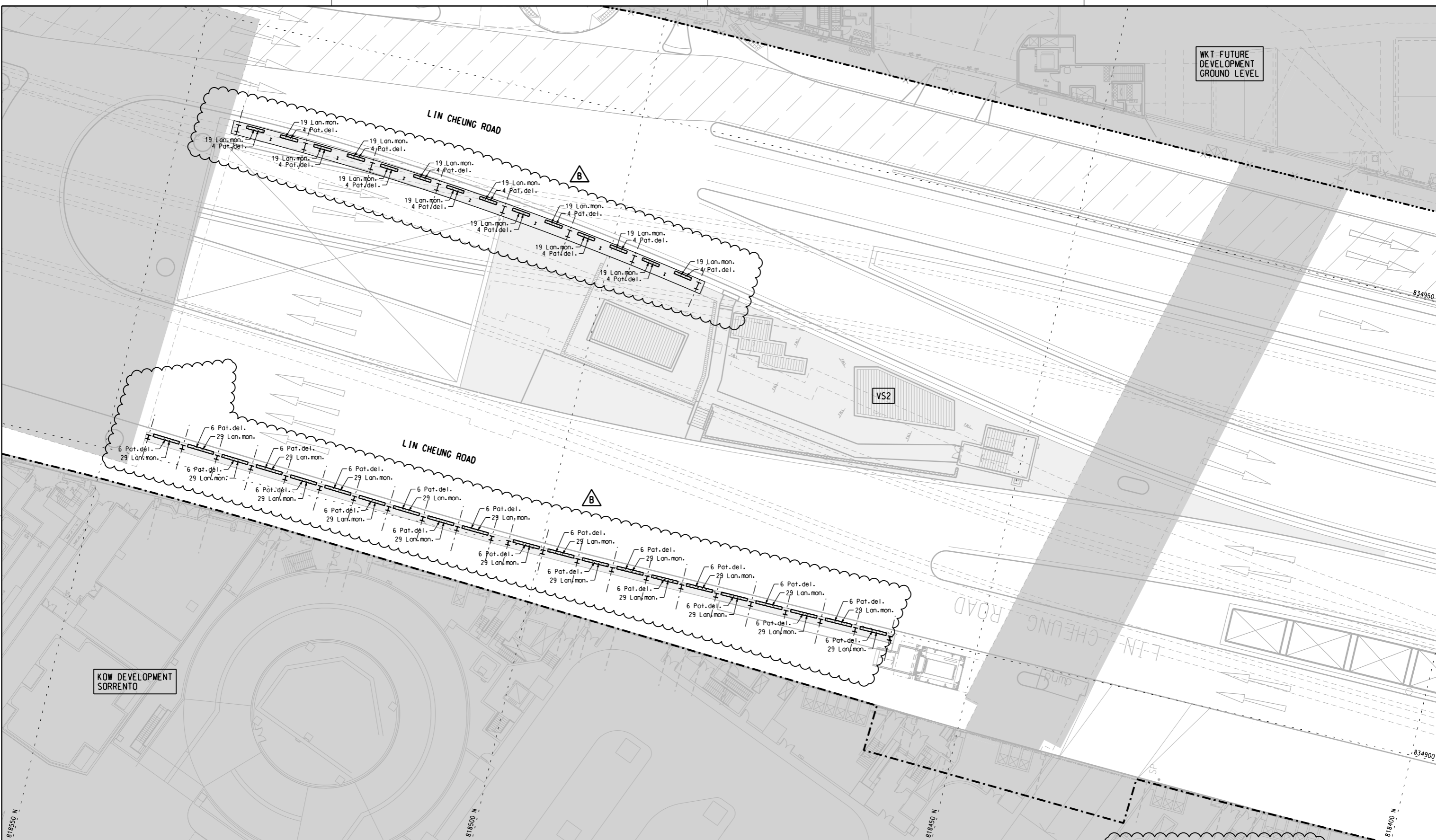
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CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS NOISE BARRIER PLANTING PLAN (SHEET 3 OF 4)

SCALE: 1:200 @ A1
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WKT FUTURE DEVELOPMENT GROUND LEVEL



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 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

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	PLANTING CODE		GROUNDCOVER

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Code
Quantity

Inset map showing the project location within the West Kowloon Terminus area. Includes a north arrow and a scale bar from 0 to 25 METRES. Scale: 1:500.

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 ORIGINATOR: MTR
 AECOM Aedas
 ○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT
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CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 NOISE BARRIER PLANTING PLAN
 (SHEET 4 OF 4)
 SCALE: 1:200 @ A1
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EXTERNAL WORKS NOISE BARRIER SHRUB PLANTING SCHEDULE
FOR PLANTING PLAN REFER TO DRAWING 812/W/311/A58/401 TO 404

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
LAN.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	DELETED	323
Lan.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	DELETED	308
MIS.FOC.	Miscopus foecoides	芙蓉花	200	-	-	DELETED	800
Lan.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	-	4,355
Lan.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	DELETED	275
SHRUB	Lantana montevidensis	鋪地臭金鳳	150	200	200	DELETED	4274
Lan.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	DELETED	814
TOTAL :							4,355
CLIMBER							
Pat.dal.	Parthenocissus dalzielii	爬牆虎	600	350	1000	Minimum 3 Shoots per plant	888
TOTAL :							888

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REV	DESCRIPTION	BY	DATE	APPROVED
B	PLANTING SCHEDULE REVISED	FM	05FEB13	KK
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APPROVED	KELVIN KO
DATE	12AUG2013

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AECOM Aedas

ORIGINATOR

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT

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TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS**

EXTERNAL WORKS
NOISE BARRIER
PLANTING SCHEDULE

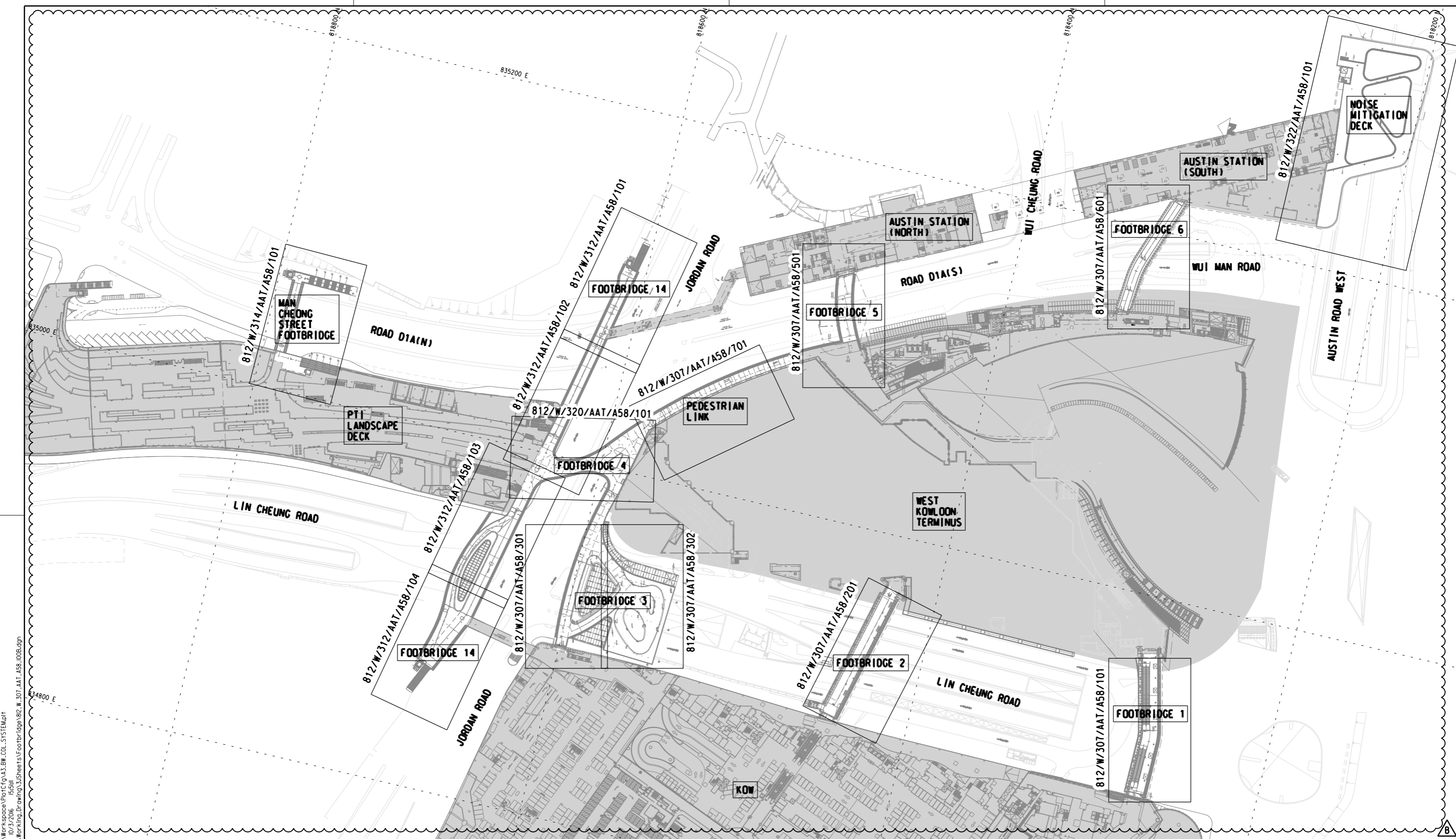
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REV. B

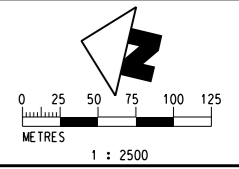
APPENDIX A2.1

Footbridge 14

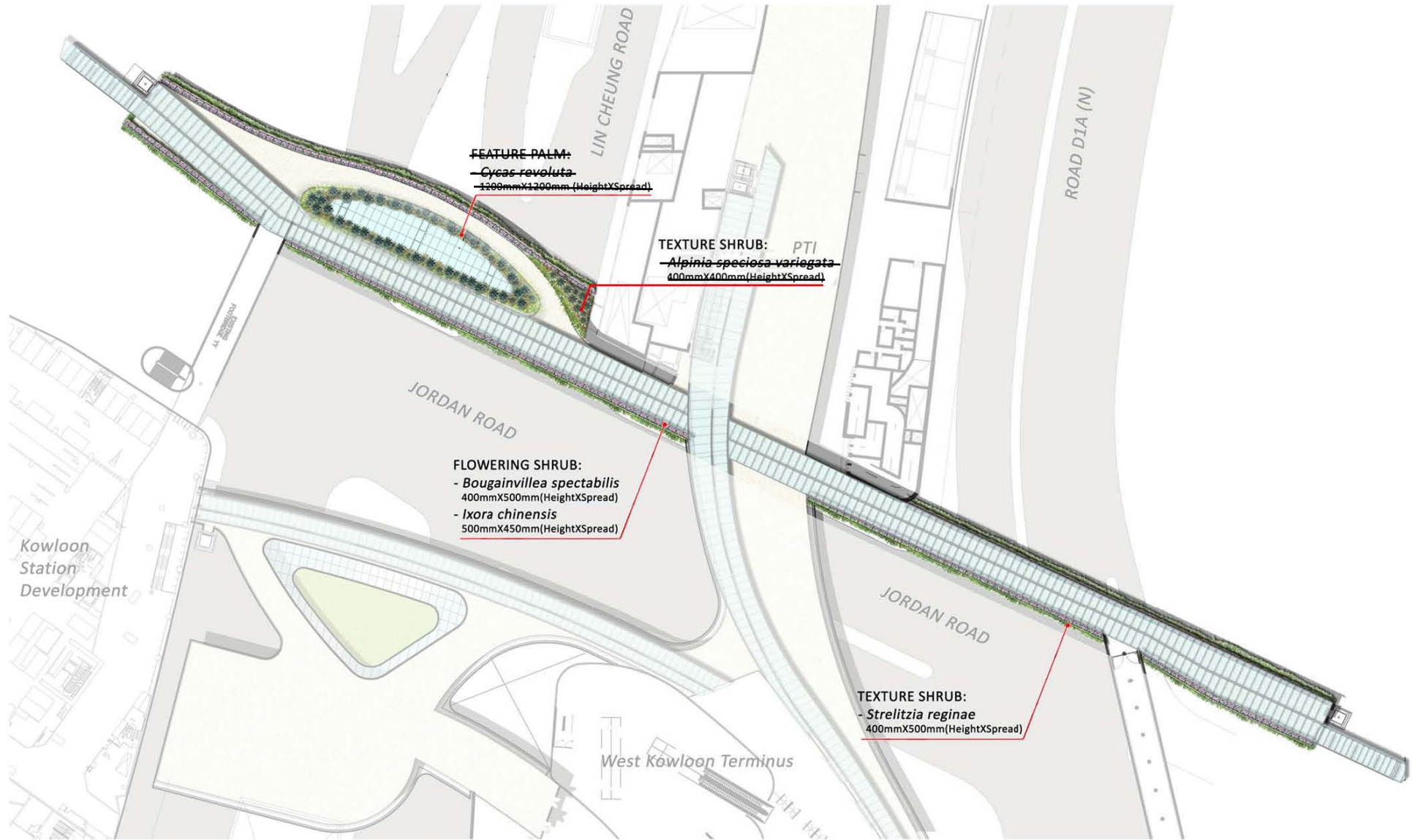


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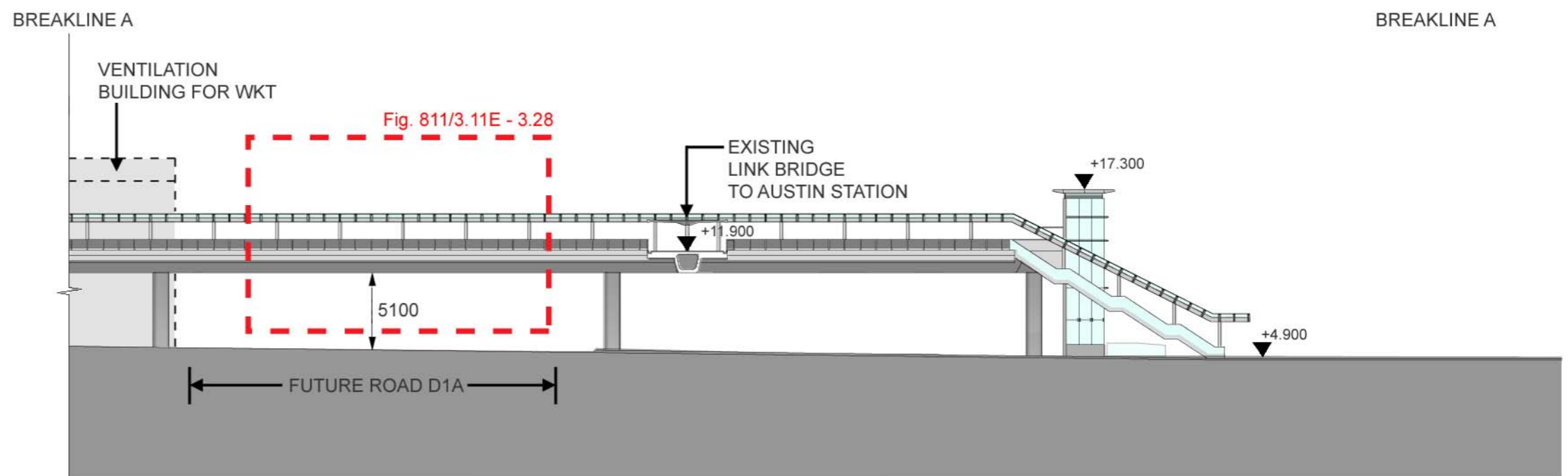
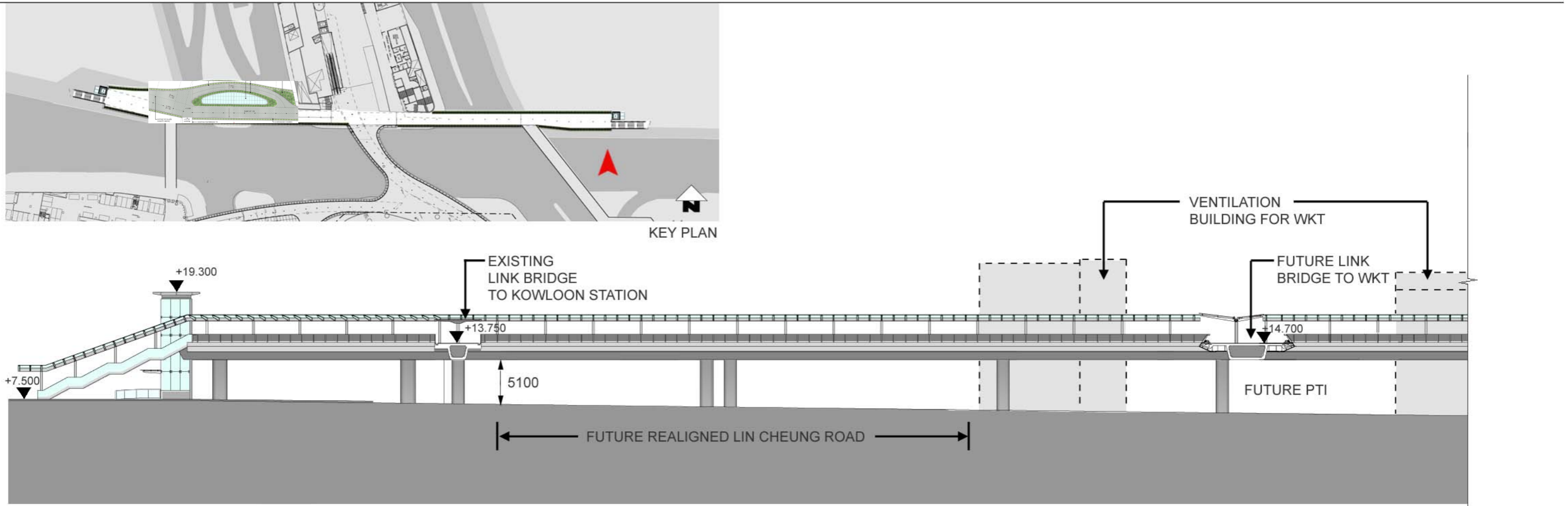


DRAWN FRANK LEE DESIGNED ANDY LEWIS CHECKED F MCGOLDRICK APPROVED KELVIN KO DATE 12AUG2013		 EXPRESS RAIL LINK ORIGINATOR AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT	TITLE CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE PLANTING PLAN (SHEETS DIVISION)						
B BASE LAYOUT REVISED A WORKING DRAWING ISSUE			SCALE 1 : 1000 @ A1 DRAWING NO. 812/W/307/AAT/A58/100 REV. B						
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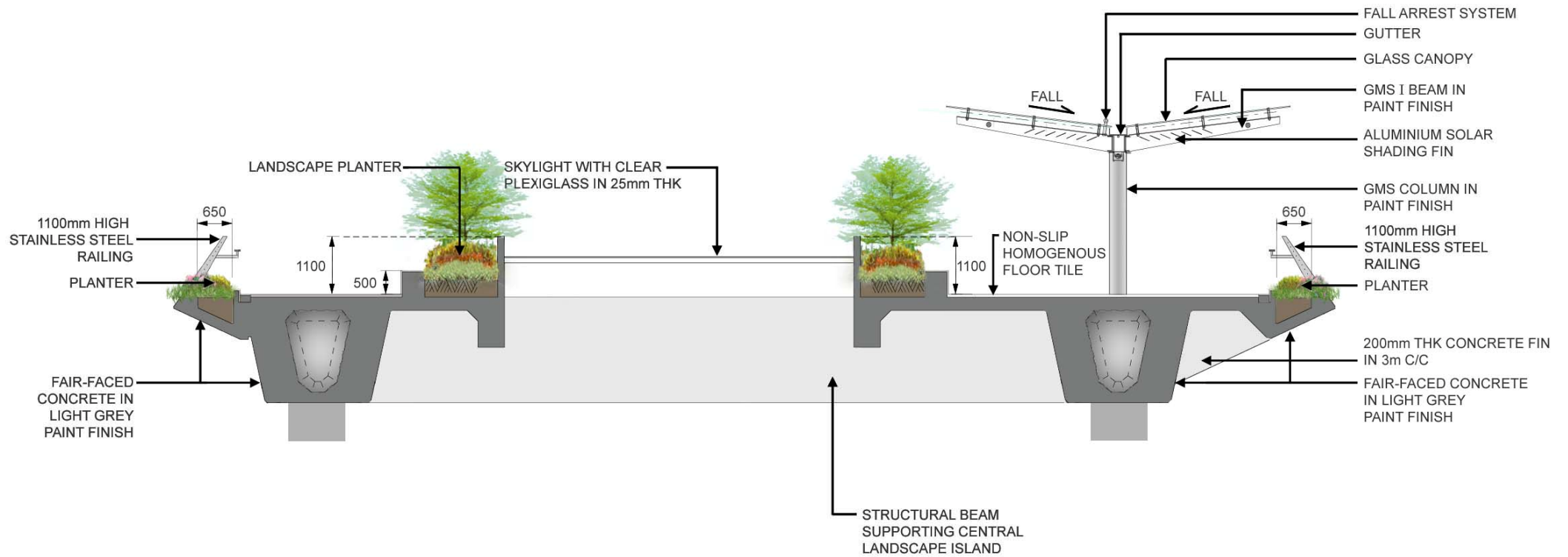


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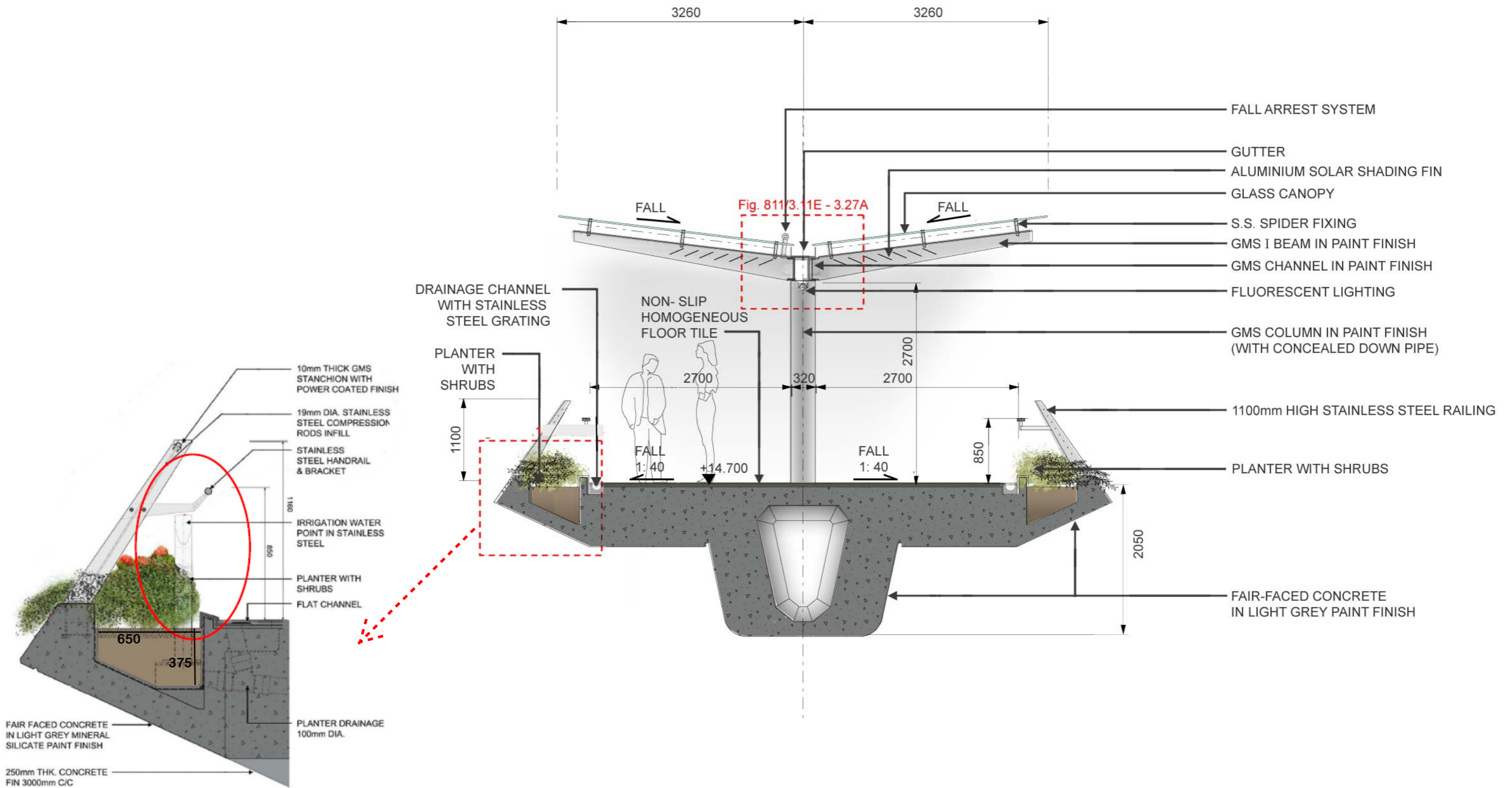
OVERVIEW OF FOOTBRIDGE 14



ELEVATION OF FOOTBRIDGE 14



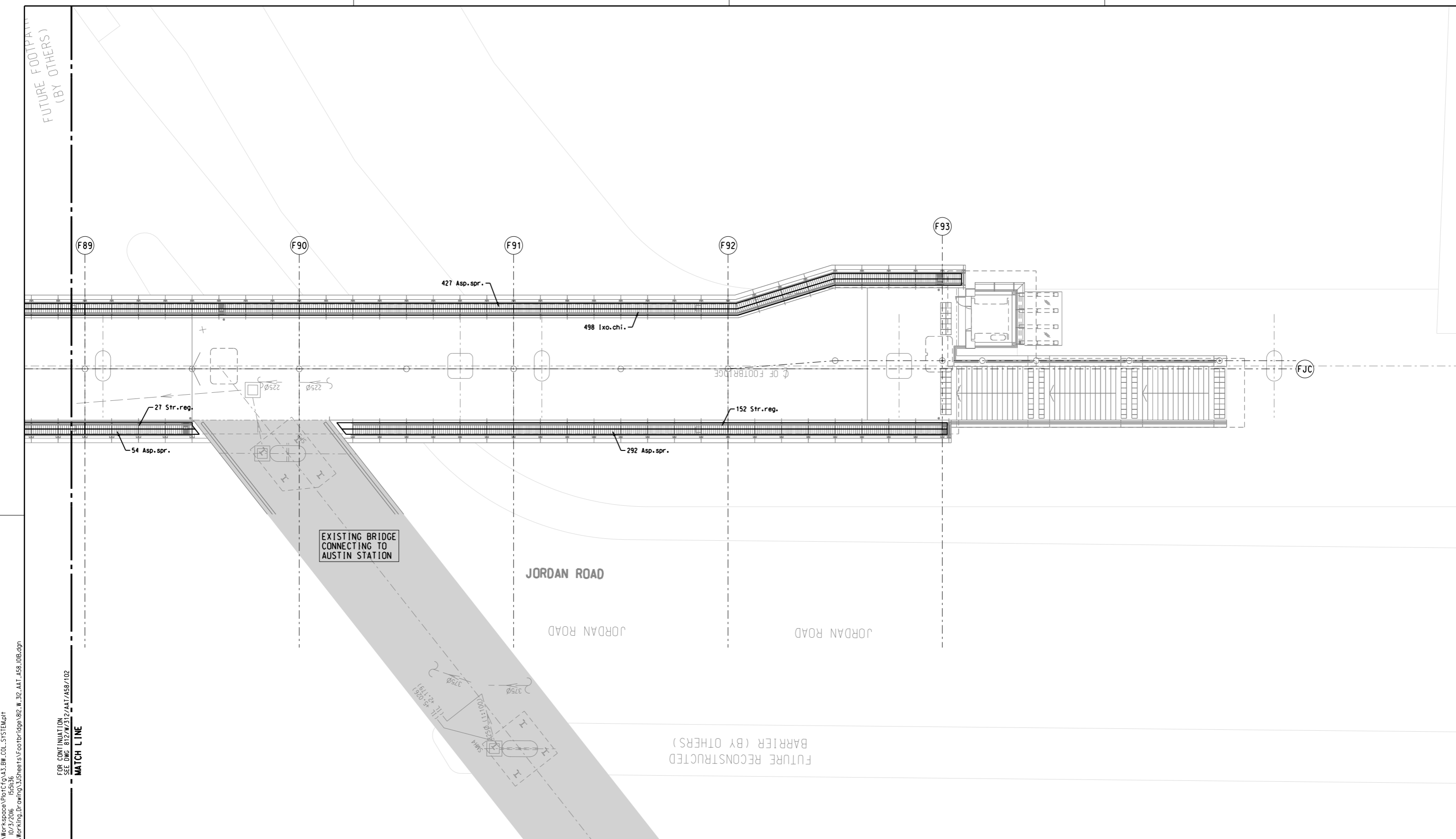
CROSS SECTION THROUGH WEST WING CENTRAL LANDSCAPE ISLAND



TYPICAL FOOTBRIDGE CROSS SECTION WITH DETAIL OF PLANTER ON FOOTBRIDGE

APPENDIX A2.2

Footbridge 14 Landscape



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/027.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

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	PLANTING AREA
	PLANTING CODE

00 Xxx.xxx.
↑ Code
Quantity

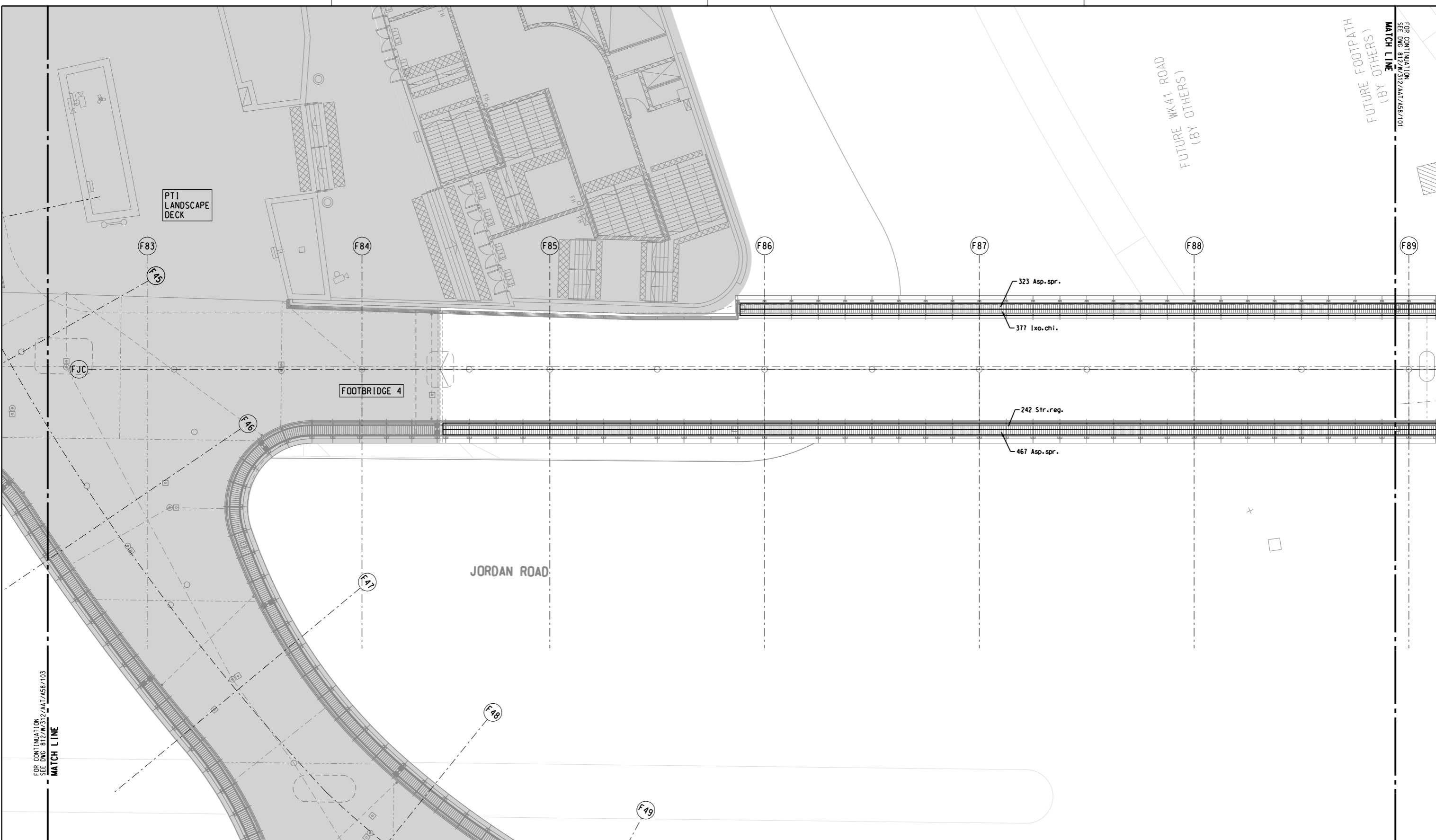
REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB13	KK
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CHECKED	F MCGOLDRICK	
APPROVED	KELVIN KO	
DATE	12AUG2013	
ORIGINATOR		
CADD REF.		○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

TITLE CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE 14 PLANTING PLAN (SHEET 1 OF 4)		
SCALE 1 : 100 @ A1	DRAWING NO. 812/W/312/AAT/A58/101	REV. B

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/027.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

00 Xxx.xxx.
Code
Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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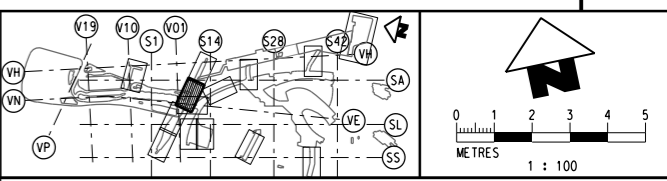
EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W_312_AAT_A58_102B.dgn



TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

FOOTBRIDGE 14

PLANTING PLAN

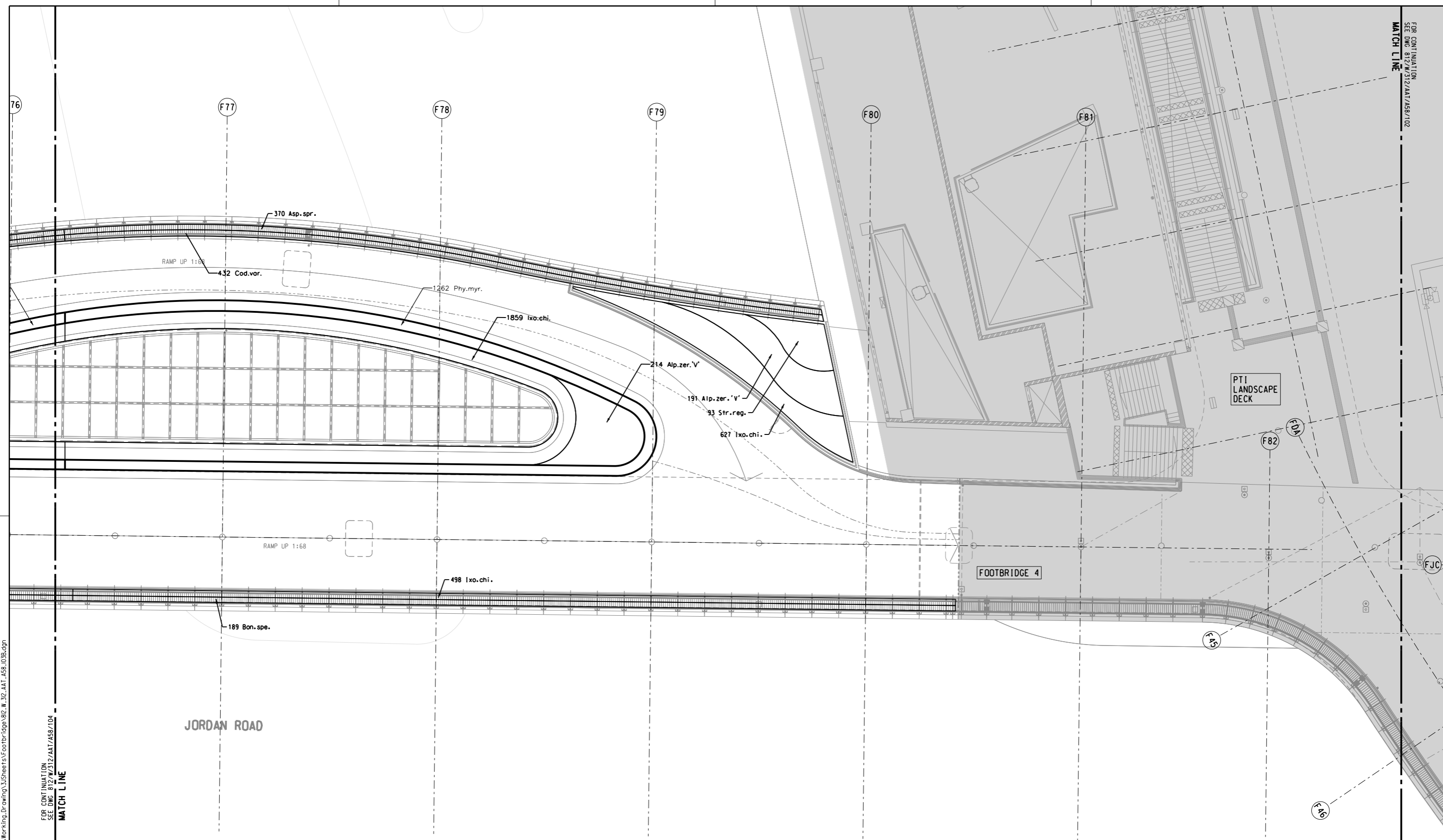
(SHEET 2 OF 4)

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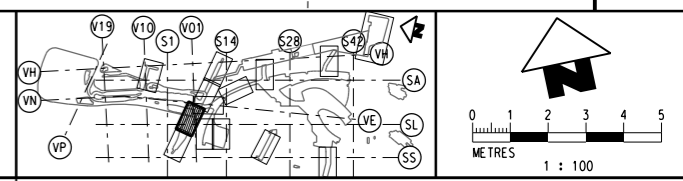
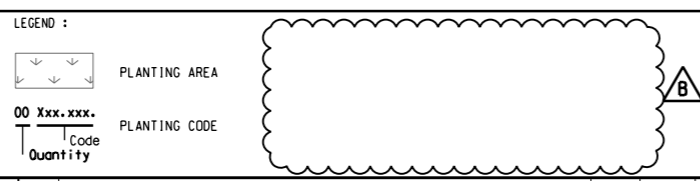
REV. B

FOR CONTINUATION
SEE DWG. 812/W/312/AAT/A58/102
MATCH LINE



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/027.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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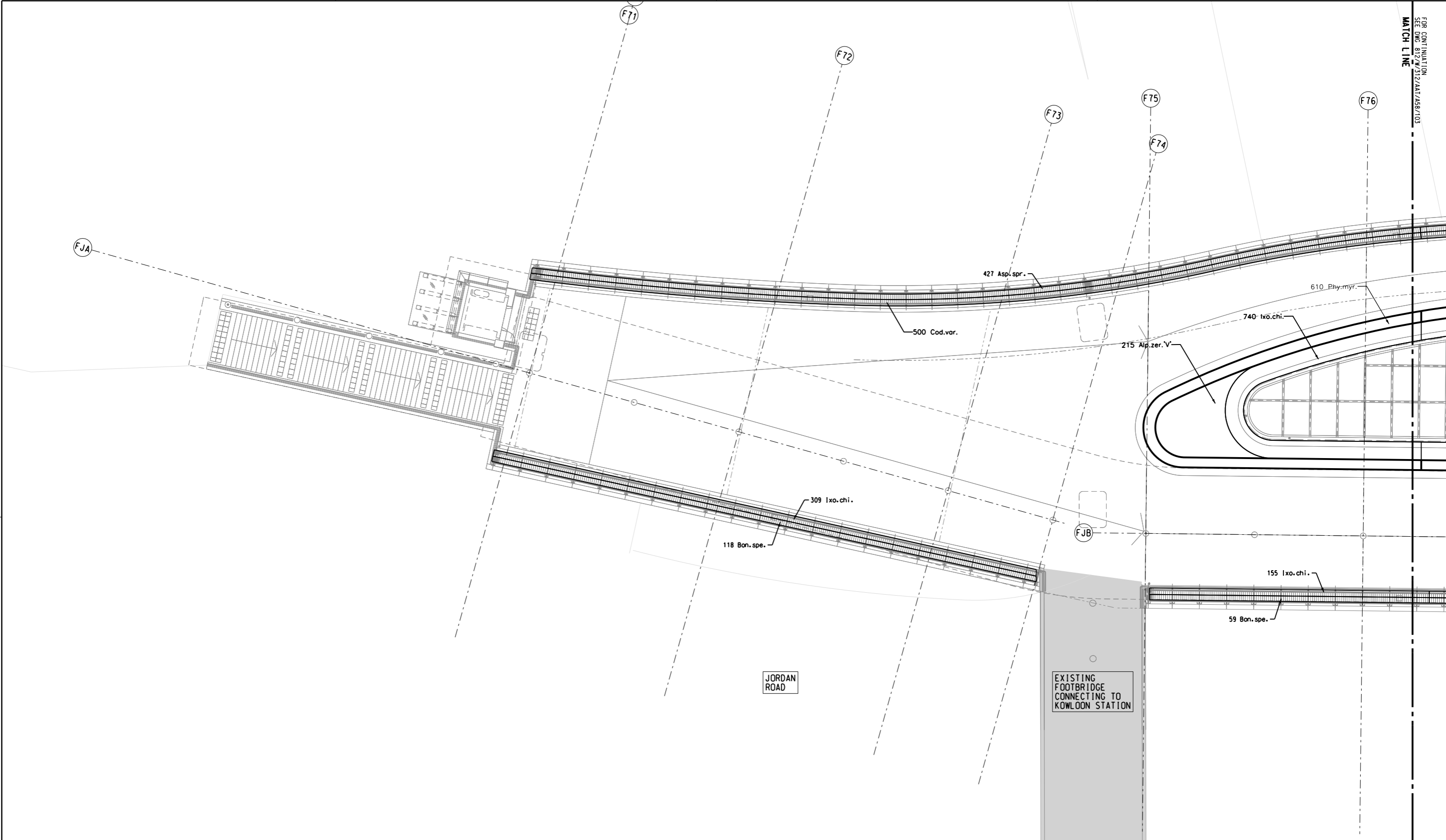
DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013

MTR
 EXPRESS RAIL LINK
 AECOM Aedas
 ORIGINATOR: AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT

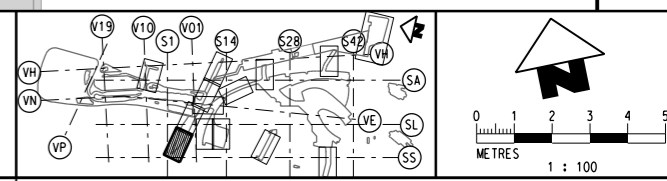
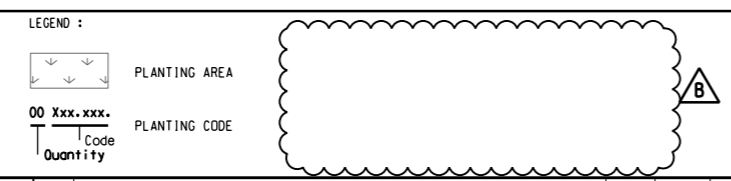
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TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 FOOTBRIDGE 14
 PLANTING PLAN
 (SHEET 3 OF 4)

SCALE: 1 : 100 @ A1
 DRAWING NO.: 812/W/312/AAT/A58/103
 REV. B



- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/027.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013

EXPRESS RAIL LINK

ORIGINATOR: AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT

CADD REF. 812_W_312_AAT_A58_104B.dgn

TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE 14 PLANTING PLAN (SHEET 4 OF 4)


SCALE: 1 : 100 @ A1
 DRAWING NO.: 812/W/312/AAT/A58/104
 REV. B

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FOOTBRIDGE 14 SHRUB PLANTING SCHEDULE
FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/312/AAT/A58/101 TO 104

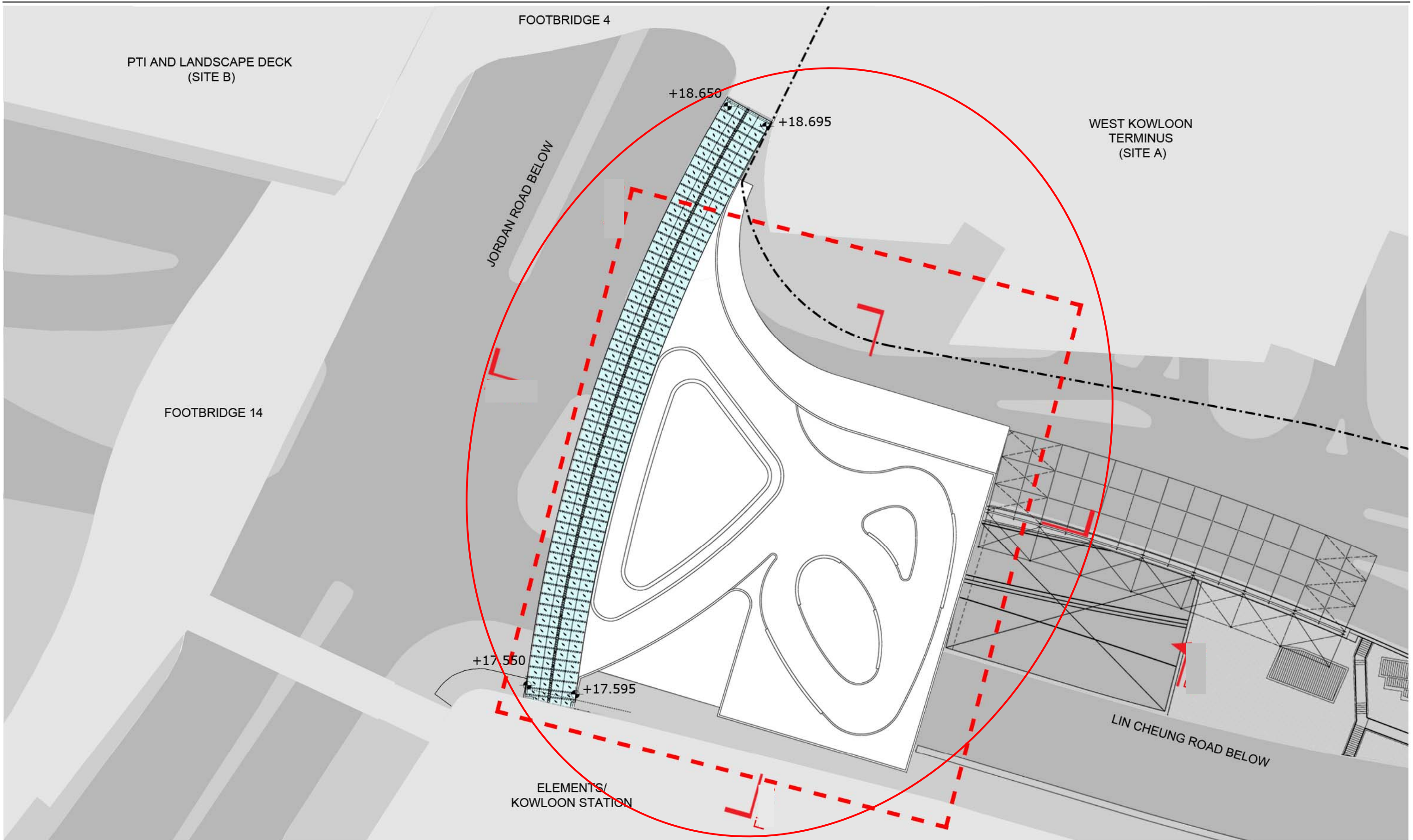
CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Alp.zer.'V'	Alpinia zerumbet 'Variegata'	花葉艷山薑	500	400	300		620
Asp.spr.	Asparagus sprengeri	天冬	200	400	200		2360
Bon.spe.	Bougainvillea spectabilis	簕杜鹃	400	400	300		366
Cod.var.	Codiaeum variegatum	洒金榕	300	400	200		932
Ixo.chi.	Ixora chinensis	龍船花	200	200	200		5063
Phy.myr.	Phyllanthus myrtifolius	錫蘭葉下珠	250	300	200		1872
Str.reg.	Strelitzia reginae	天堂鳥	300	250	300		514
TOTAL :							11,727

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DRAWN: FRANK LEE DESIGNED: ANDY LEWIS CHECKED: F MCGOLDRICK APPROVED: KELVIN KO DATE: 12AUG2013		 EXPRESS RAIL LINK ORIGINATOR: AECOM Aedas <input type="radio"/> AECOM <input type="radio"/> AEDAS <input type="radio"/> MEINHARDT <input type="radio"/> MVA <input type="radio"/> BURO HAPPOLD <input checked="" type="radio"/> EDWA <input type="radio"/> MOTT		TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE 14 PLANTING SCHEDULE							
A WORKING DRAWING ISSUE		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: N.T.S. DRAWING NO: 812/W/WKT/AAT/A58/027 REV: A							
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	CADD REF.	812..W..WKT..AAT..A58..027A..dgn

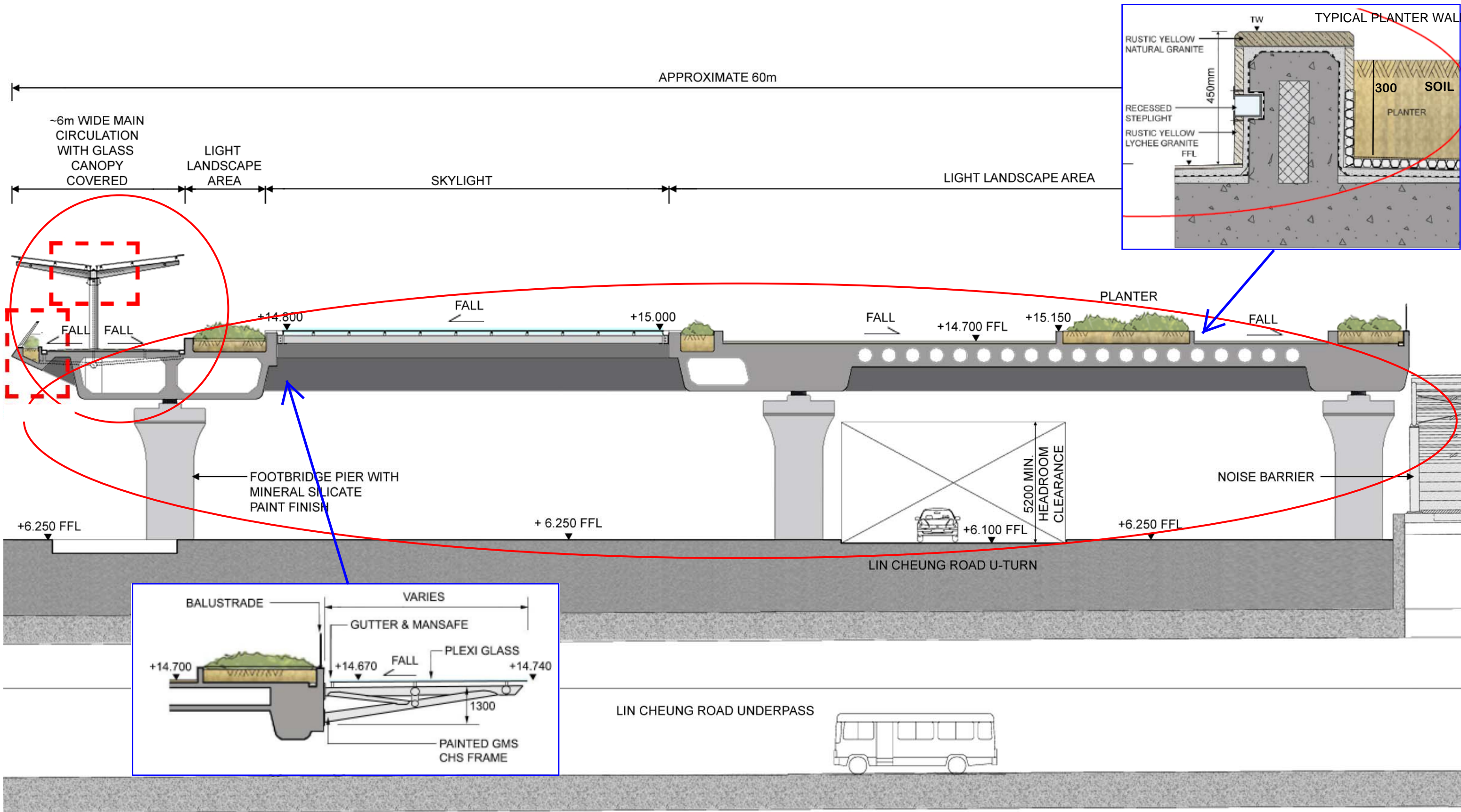
APPENDIX A2.3

Footbridge 3



GENERAL ARRANGEMENT PLAN: FB3 ROOF LEVEL

SCALE 1:500 @A3

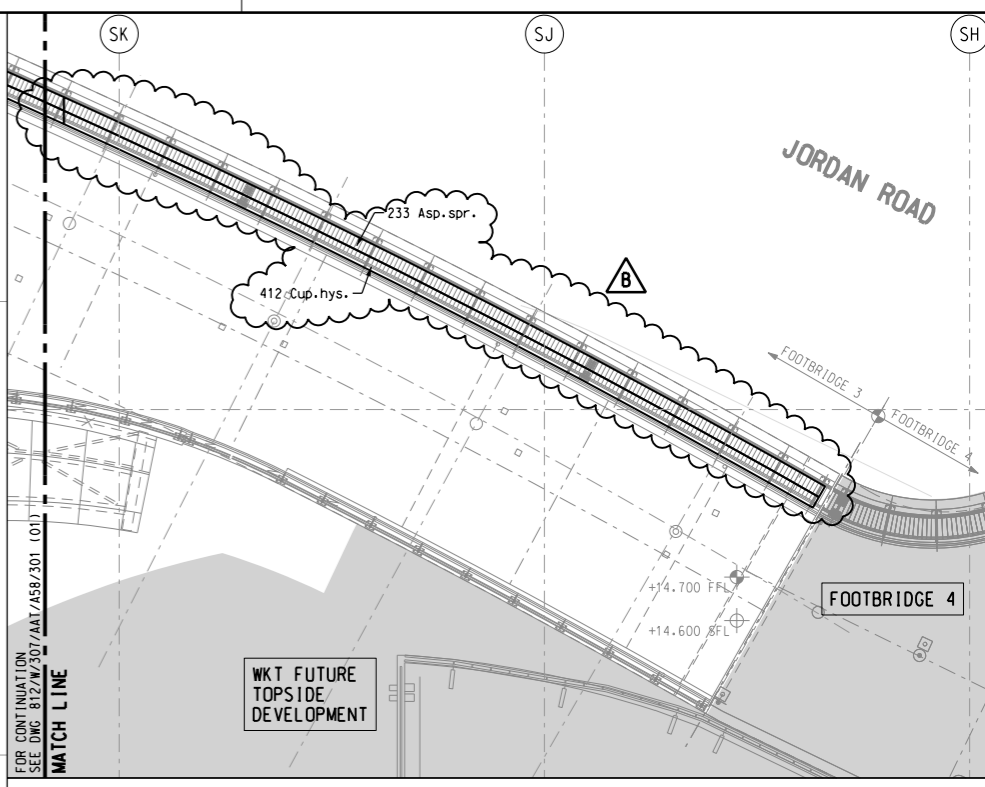
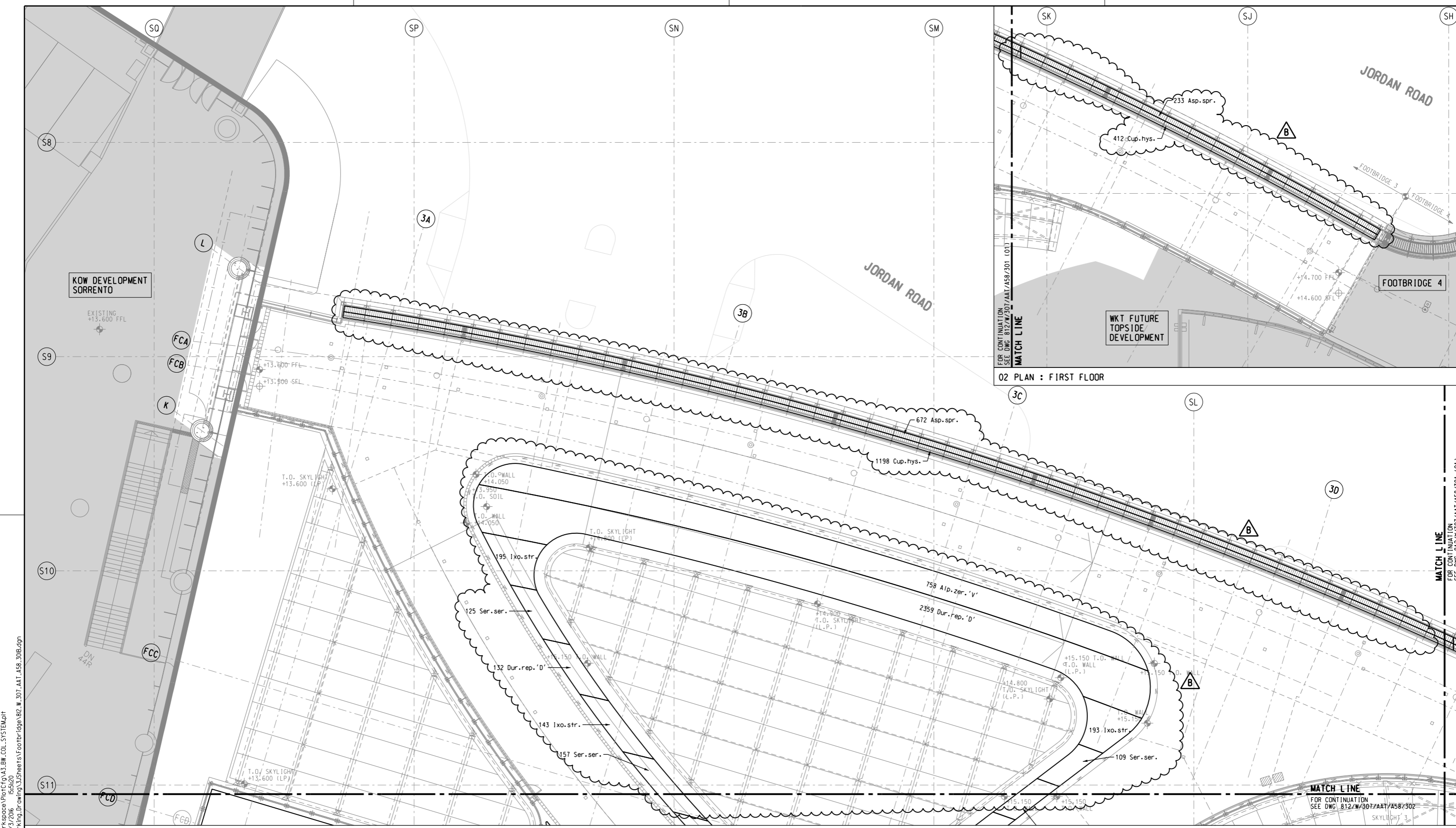


Note: Soil depth is minimum 300mm
 Width of planters vary, refer to planting area in 812/W/307/AAT/A58/302

FB3 CROSS SECTION
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APPENDIX A2.4

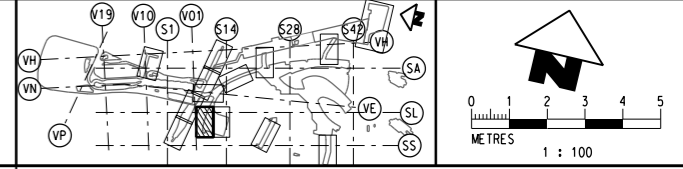
Footbridge 3 Landscape



02 PLAN : FIRST FLOOR

01 PLAN : FIRST FLOOR

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/022
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND, PLANTING DESIGN AND QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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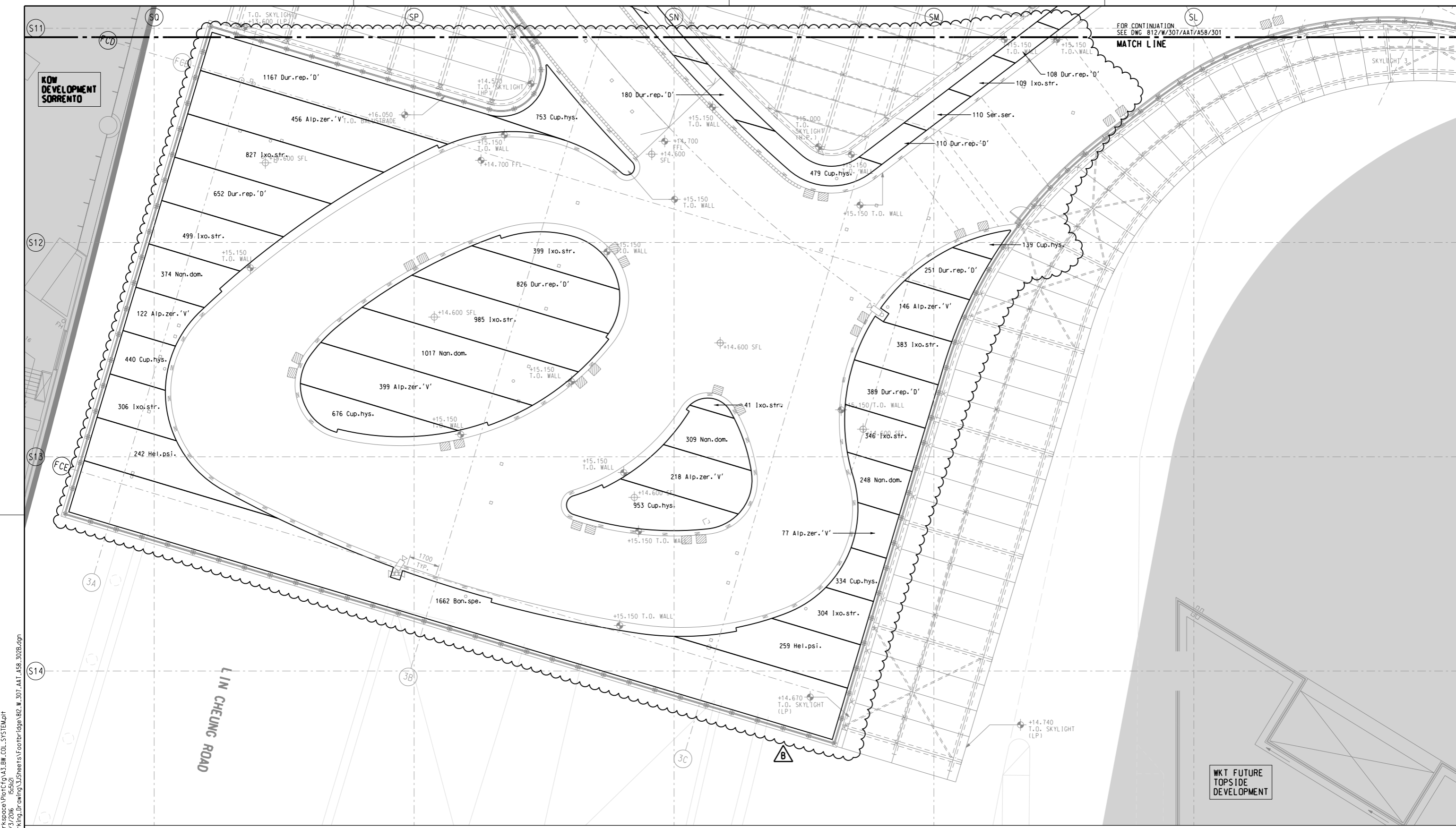
DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013

EXPRESS RAIL LINK

ORIGINATOR: AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT
 CADD REF.: 812_W_307_AAT_A58_301B.dgn

TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE 3 PLANTING PLAN (SHEET 1 OF 2)
 SCALE: 1 : 100 @ A1
 DRAWING NO.: 812/W/307/AAT/A58/301
 REV.: B

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O1 LEVEL 1 PART PLAN

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/022
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904

LEGEND :

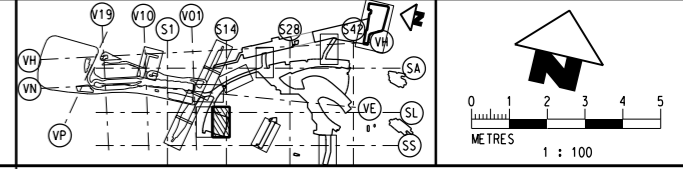
PLANTING AREA
 PLANTING CODE
 00 Xxx.xxx.
 Quantity Code
 Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

EXPRESS RAIL LINK

 ORIGINATOR
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 CADD REF. 812_W_307_AAT_A58_302B.dgn



TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS FOOTBRIDGE 3 PLANTING PLAN (SHEET 2 OF 2)
 SCALE 1 : 100 @ A1
 DRAWING NO. 812/W/307/AAT/A58/302
 REV. B

FOOTBRIDGE 3 SHRUB PLANTING SCHEDULE
FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/307/AAT/A58/301 TO 302

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Alp.zer.'V'	Alpinia zerumbet 'Variegata'	花葉山薑	600	450	300	-	2,176
Asp.spr.	Asparagus sprengeri	天冬	200	300	200	-	905
Bon.spe.	Bougainvillea spectabilis	簕杜鹃	500	400	300	-	1,662
Cup.hys.	Cuphea hyssopifolia	雪茄	200	200	150	-	5,384
Dur.rep.'D'	Duranta repens 'Dwarf golden'	金蓮翹	300	200	200	-	6,174
Hel.psi.	Heliconia psittacorum	小天堂鳥蕉	600	450	300	-	501
Ixo.str.	Ixora stricta	細葉龍船花	300	300	200	-	4,730
Nan.dom.	Nandina domestica	南天竺	400	300	200	Minimum 3 shoots per plant	1,948
Ser.ser.	Serissa serissoides	滿天星	300	200	200	-	501

TOTAL : 23,981



Notes: Planting of ground cover or shrub depends on the soil depth.
Plant species are subject to agreement with the maintenance agents.

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REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	PLANTING QUAINTLY REVISED	FM	05FEB13	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W.WKT_AAT_A58_022B.dgn

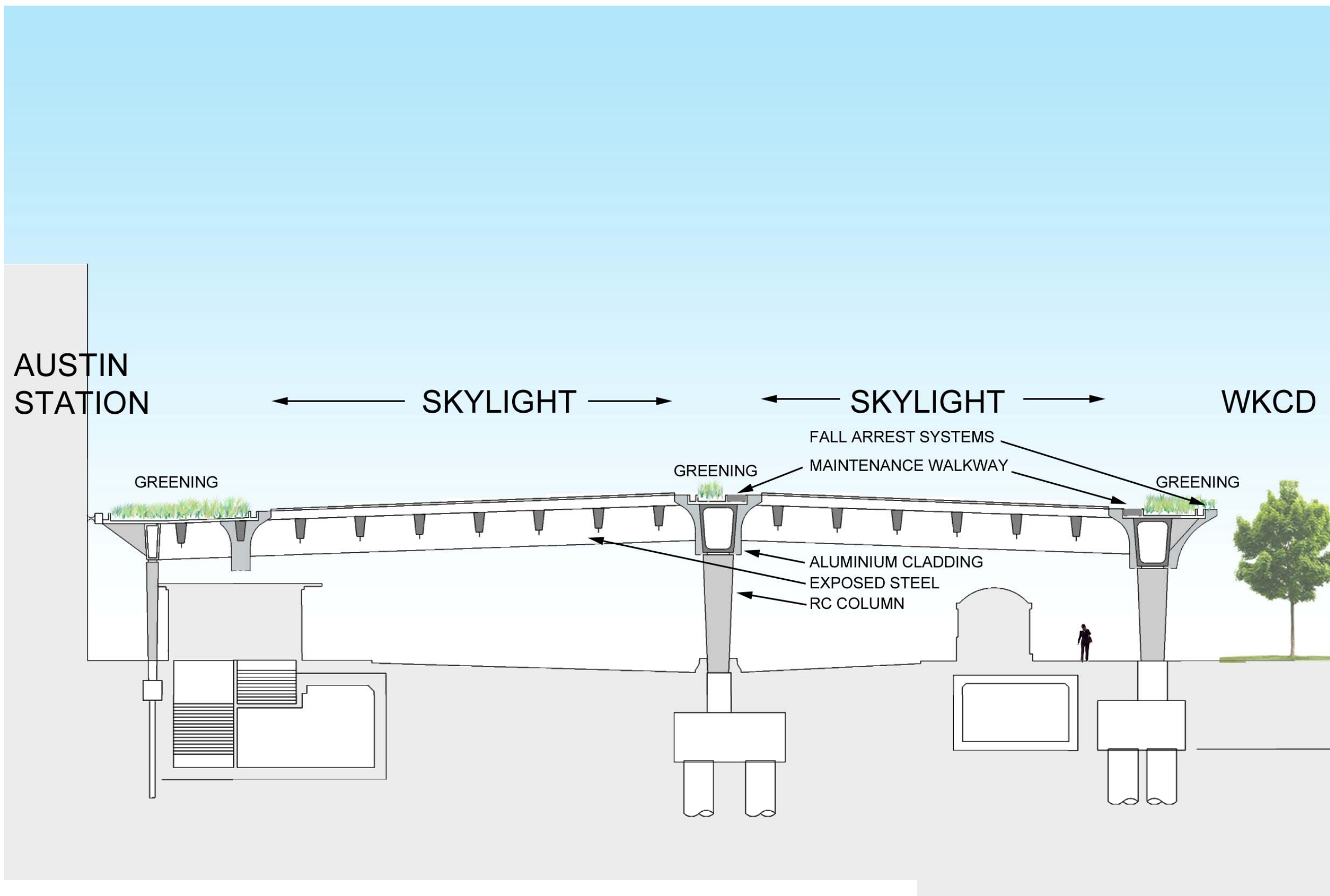
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REV.			B

APPENDIX A2.5

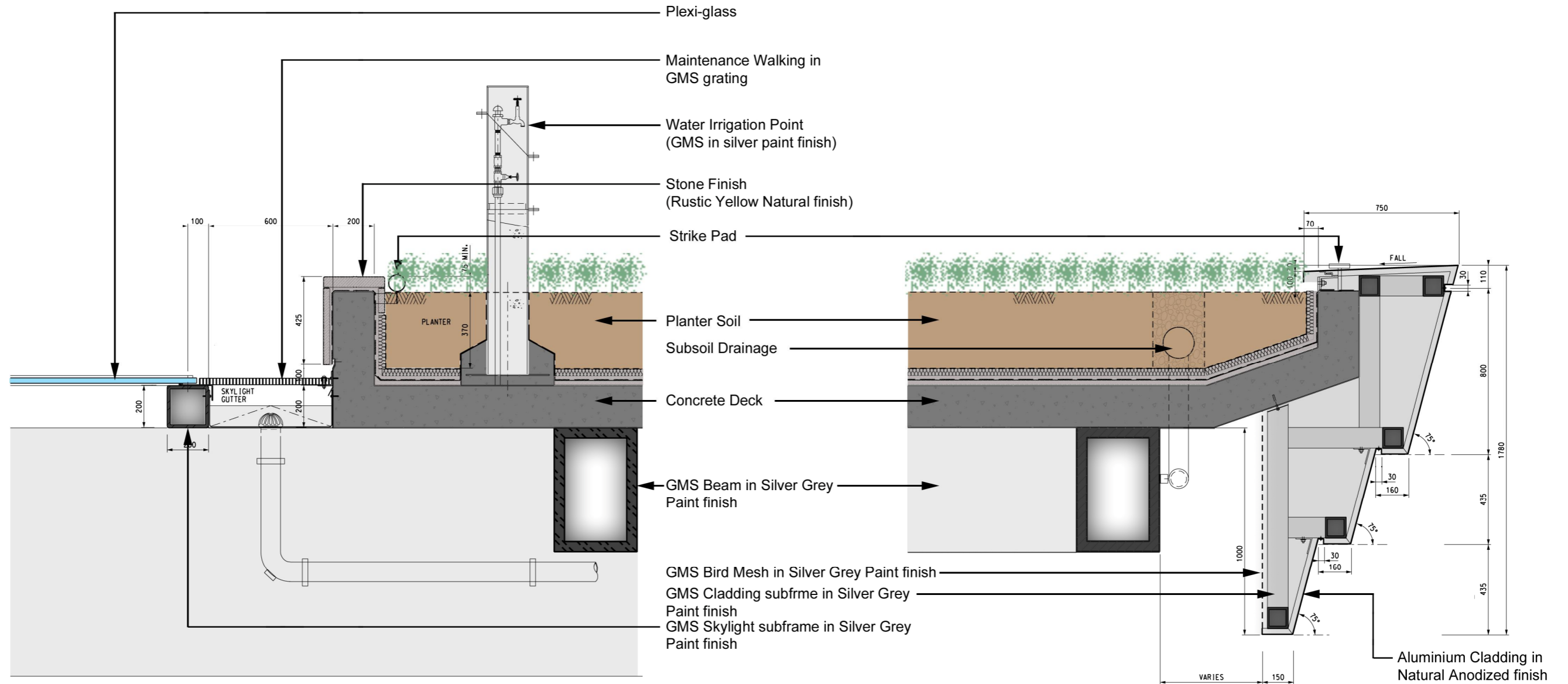
Noise Mitigation Measure Deck



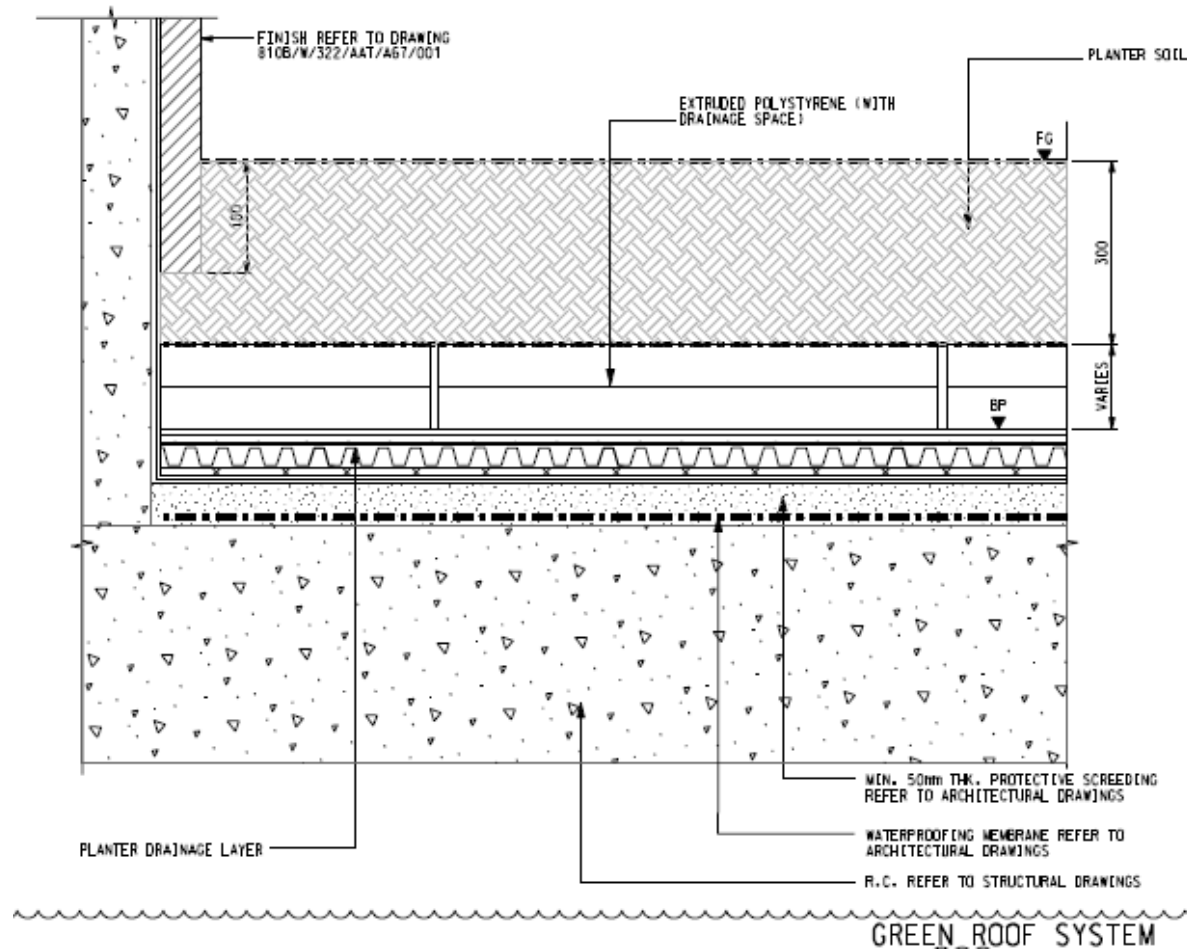
General Arrangement Plan



GENERAL LAYOUT – SECTION



Section – Details



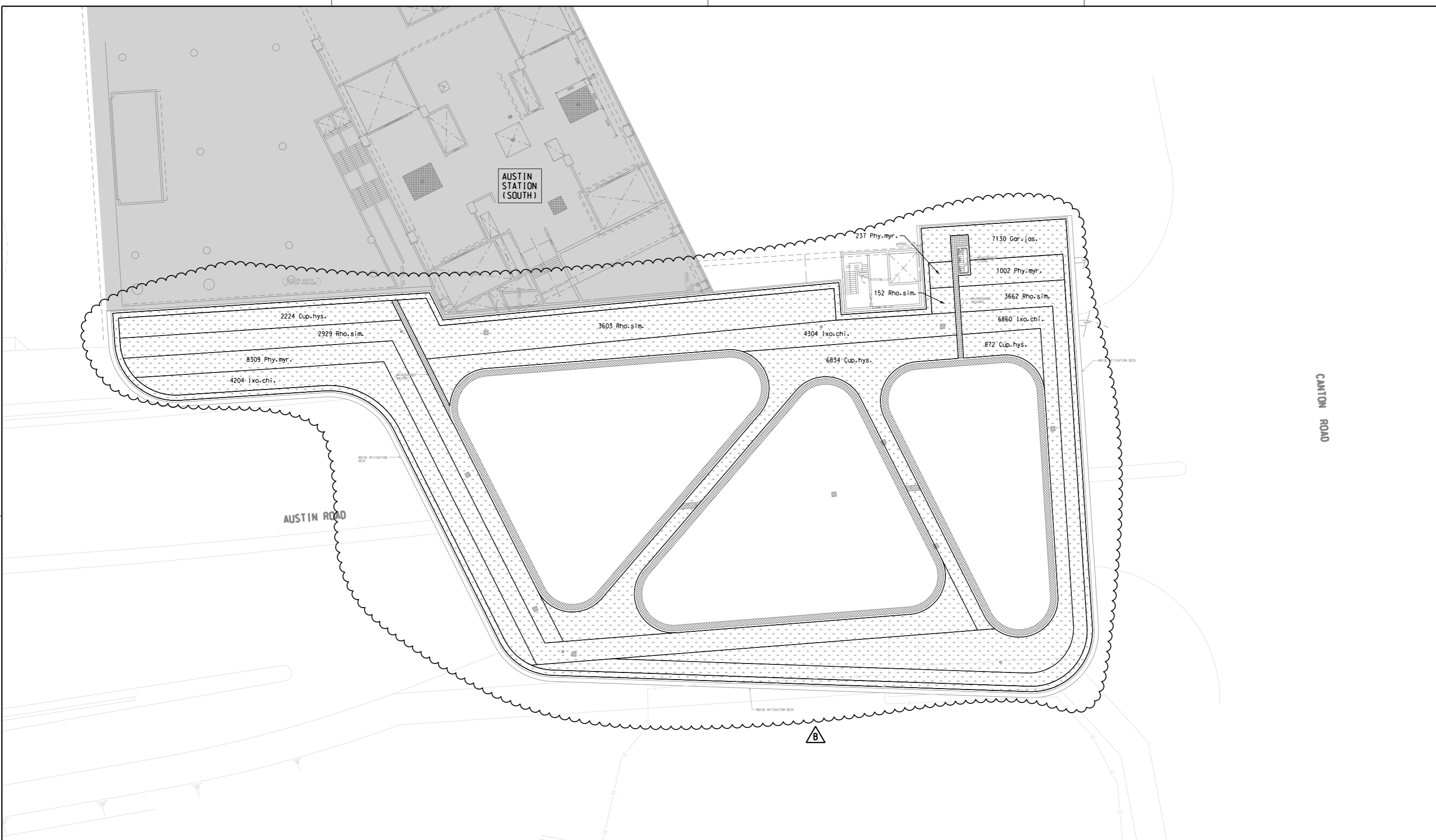
Note: Soil depth is minimum 300mm
 Width of planters vary, refer to planting area in 812/W/322/AAT/A58/101

Typical Green Roof System - Section

APPENDIX A2.6

Noise Mitigation Measure Deck Landscape

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/029.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA
 PLANTING CODE
 OO Xxx.xxx.
 ↑
 Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

EXPRESS RAIL LINK

ORIGINATOR

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT

CADD REF. 812_W_322_AAT_A58_101B.dgn

TITLE

1 : 200

CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 AUSTIN ROAD WEST NOISE MITIGATION DECK
 PLANTING PLAN

SCALE 1 : 200 @ A1

DRAWING NO. 812/W/322/AAT/A58/101

REV. B

AUSTIN ROAD WEST NOISE MITIGATION DECK SHRUB PLANTING SCHEDULE
 FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/322/AAT/A58/101

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Cup.hys.	Cuphea hyssopifolia	雪茄	200	250	200	-	9,930
Gar.jas.	Gardenia jasminoides	白蟻	300	250	200	-	7,130
Ixo.chi.	Ixora chinensis	龍船花	300	250	200	-	15,368
Phy.myr.	Phyllanthus myrtifolius	錫蘭葉下珠	250	300	200	-	9,548
Rho.sim.	Rhododendron simsii	紅杜鵑	400	300	250	-	10,346
TOTAL :							52,322



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REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	PLANTING QUANTITY REVISED	FM	05FEB13	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

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 AEDAS
 MEINHARDT
 MVA
 BURU
 HAPPOLD
 EDWA
 MOTT

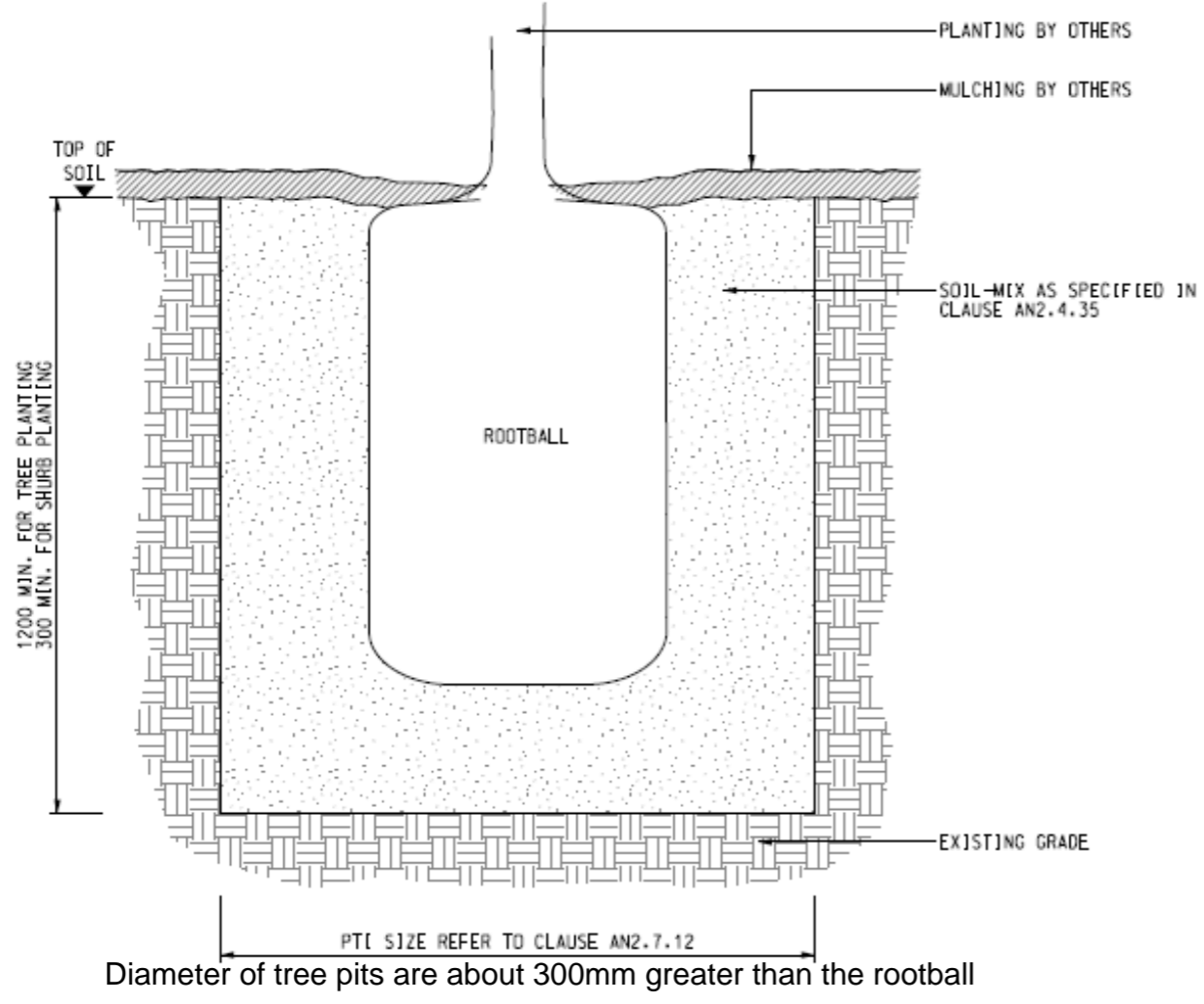
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SCALE	DRAWING NO.	REV.	
N. T. S.	812/W/WKT/AAT/A58/029	B	

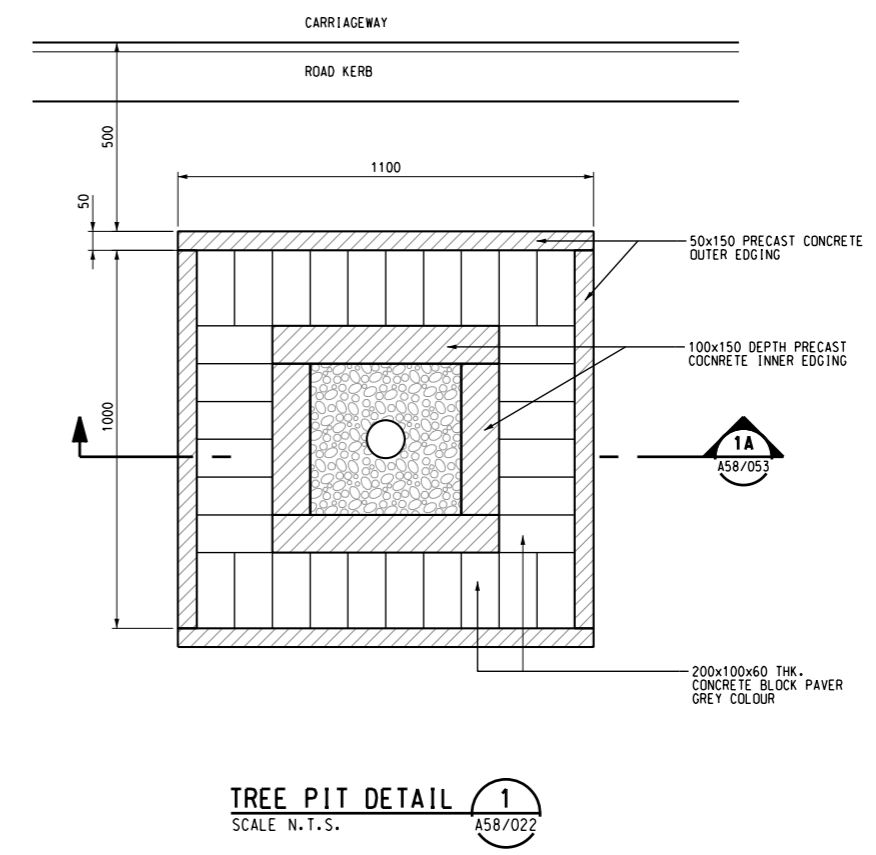
APPENDIX A3.1

External Works Landscape

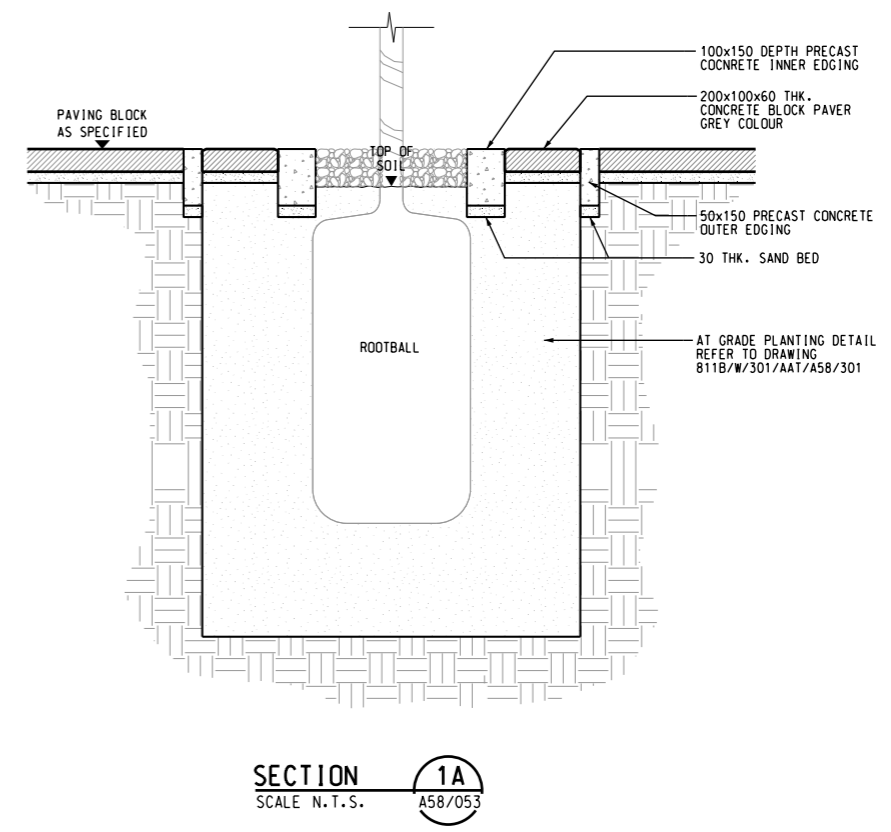
NOTE:
1. FOR GENERAL NOTES REFER TO DRAWING 811B/W/311/AAT/A58/002.



TYPICAL SOIL PROFILE



TREE PIT DETAIL 1
SCALE N.T.S. A58/053



SECTION 1A
SCALE N.T.S. A58/053

PROJECT: EXPRESS RAIL LINK - CONTRACT 811B
 DRAWING NO: 811B/W/311/AAT/A58/053
 DATE: 13 AUG 2010
 DRAWN BY: FRANK LEE
 CHECKED BY: ANDY LEWIS
 APPROVED BY: KELVIN KO
 PROJECT MANAGER: AECOM

REV	DESCRIPTION	DATE	BY	APP'D
A	WORKING DRAWING ISSUE	13AUG10	FM	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	13AUG2010

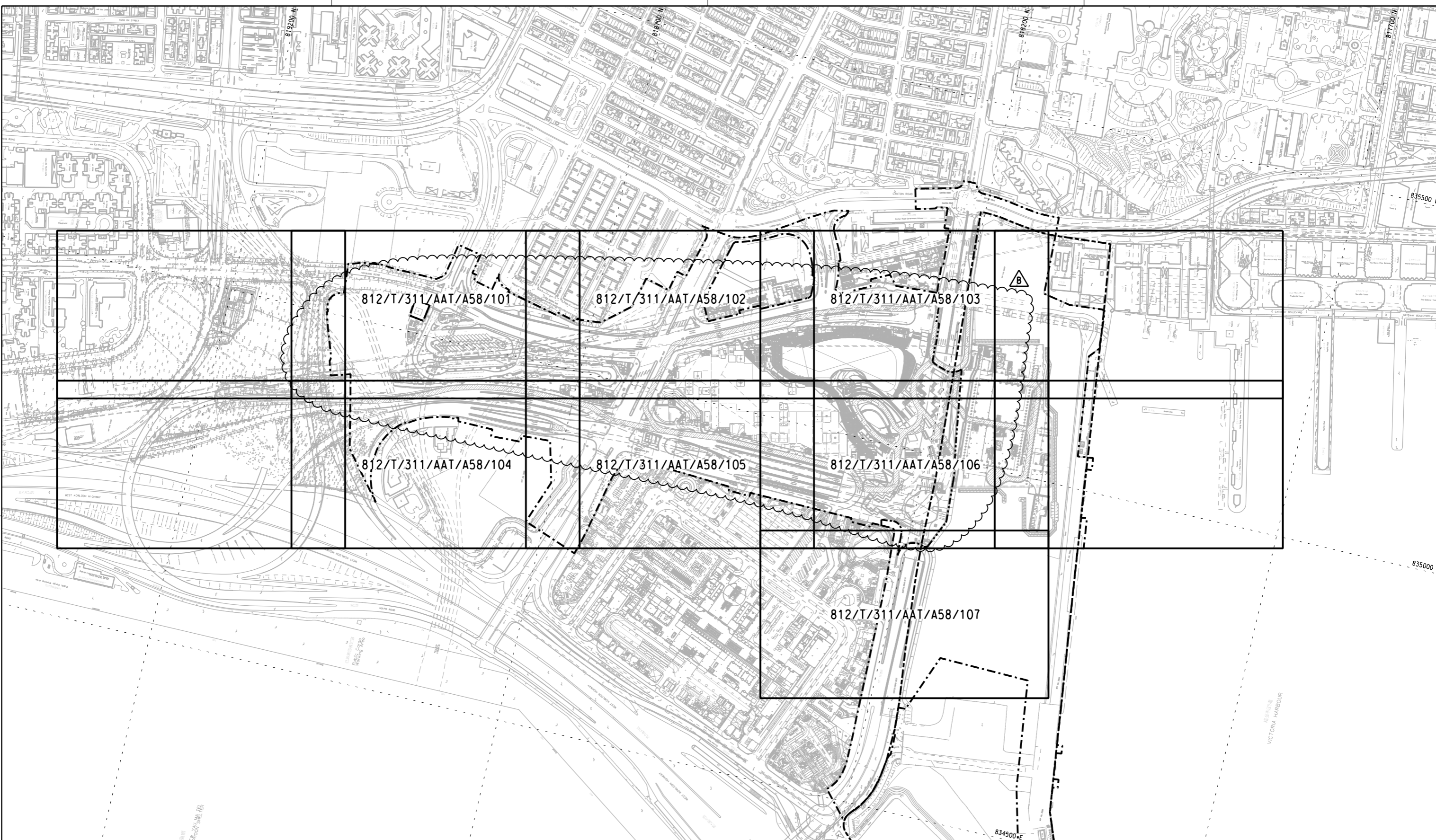
EXPRESS RAIL LINK

AECOM
 AEDAS
 MEINHARDT
 MVA
 SHUB HAPPOLD
 EDW
 MOTT

811B_W_311_AAT_A58_053A.DGN

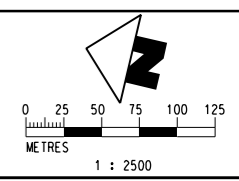
CONTRACT 811B WKT APPROACH TUNNEL (SOUTH) EXTERNAL WORKS - ROAD WORKS TREE PIT DETAIL	
SCALE	N.T.S.
DRAWING NO.	811B/W/311/AAT/A58/053
REV.	A

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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
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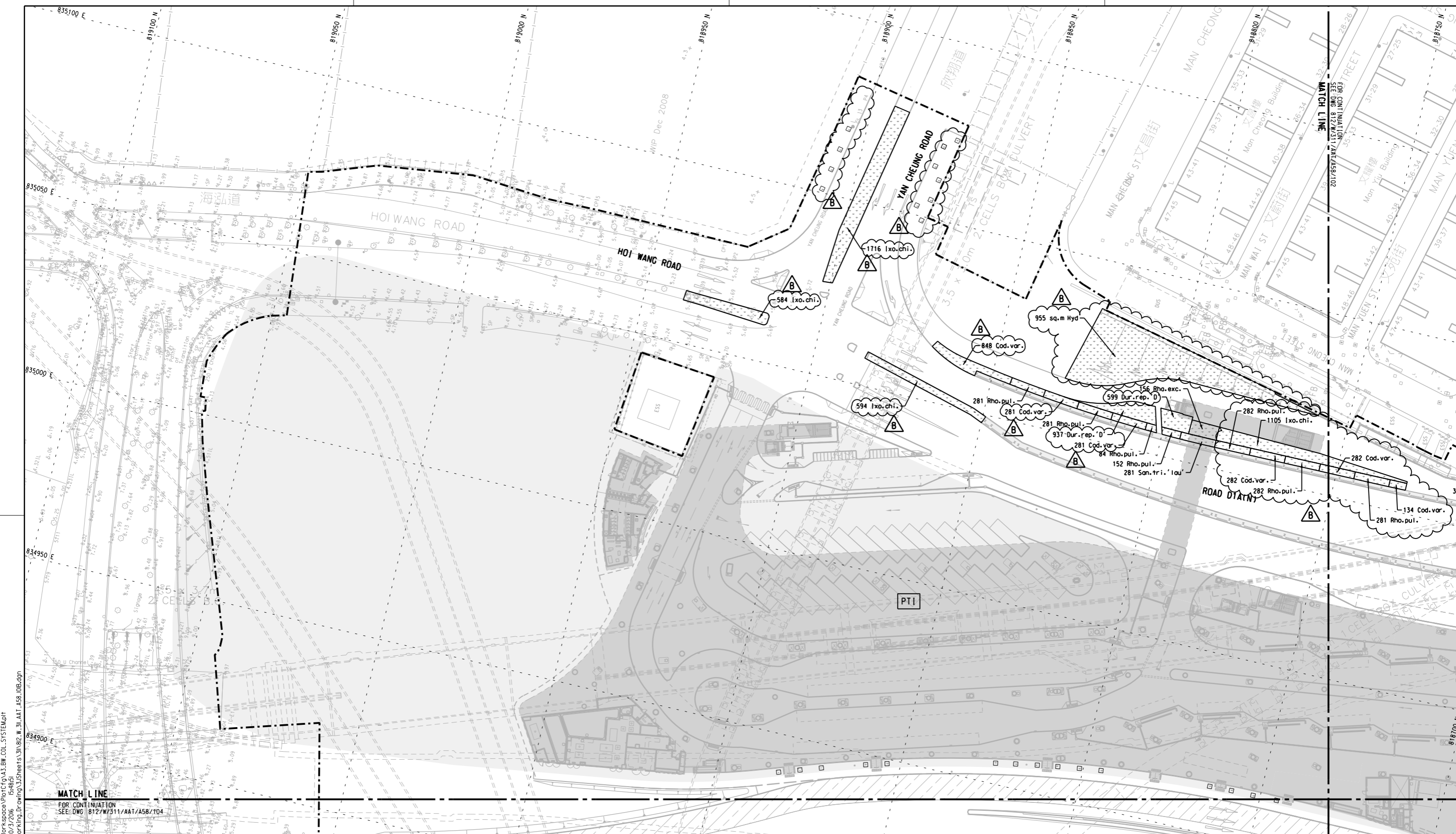
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

BY	DATE	APPROVED	DESCRIPTION
FM	05FEB16	KK	DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE REPORTED 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.
FM	12AUG13	KK	

DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013

MTR
 EXPRESS RAIL LINK
AECOM **Aedas**
 ORIGINATOR
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT
 CADD REF. 812_W_311_AAT_A58_100B.dgn

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEETS DIVISION)
 SCALE 1:2500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/100
 REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE
00 Xxx.xxx	Code
Quantity	

REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

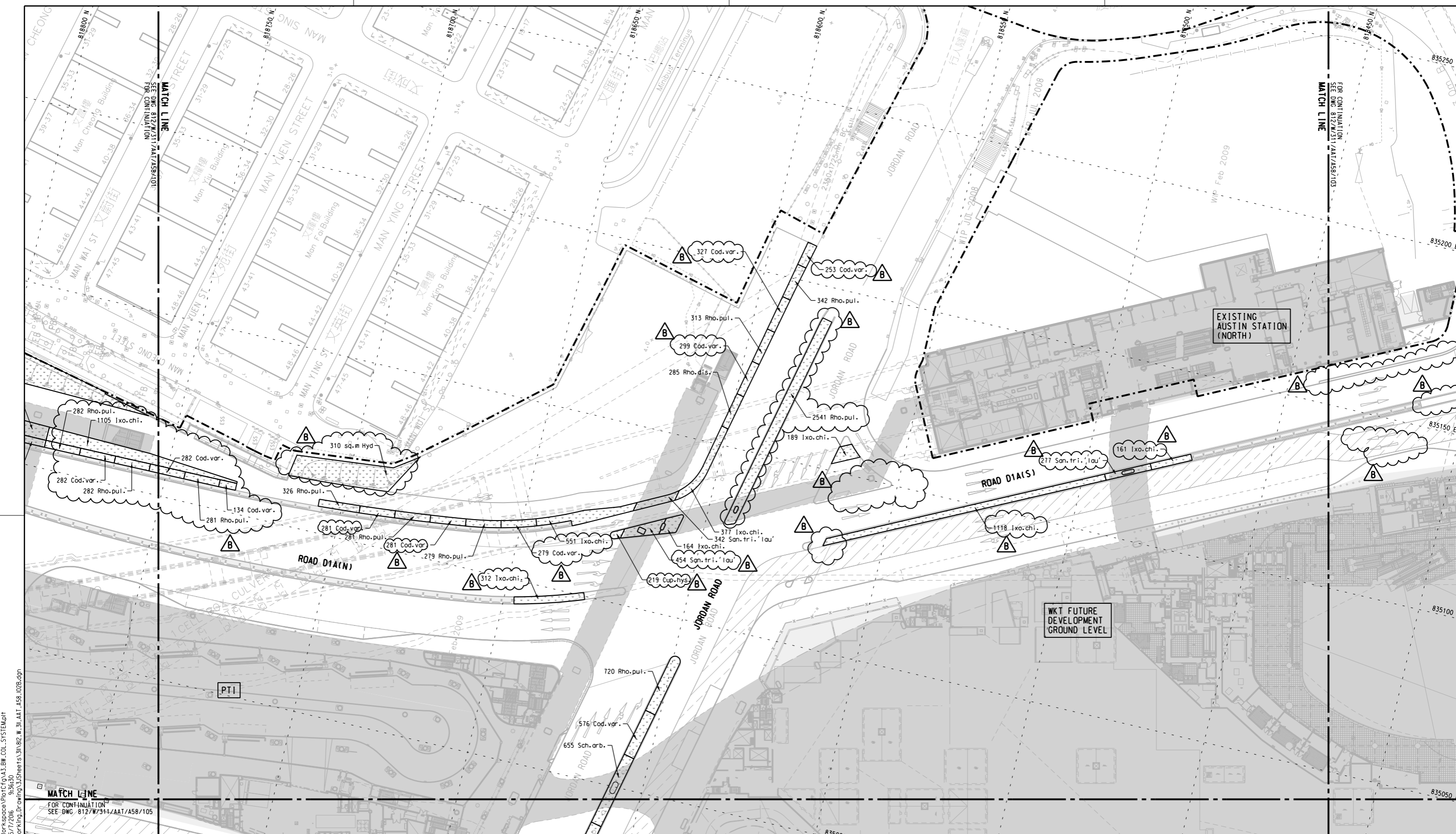
DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013

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 EXPRESS RAIL LINK
 AECOM Aedas
 ORIGINATOR
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 CADD REF. 812_W_311_AAT_A58_101B.dgn

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEET 1 OF 7)

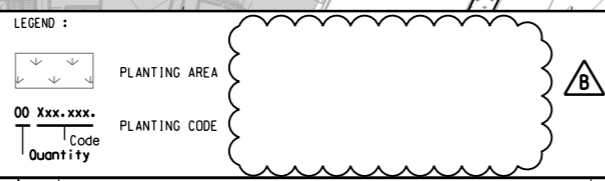
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TITLE	CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS SHRUB PLANTING PLAN (SHEET 1 OF 7)
SCALE	1:500 @ A1
DRAWING NO.	812/W/311/AAT/A58/101
REV.	B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KT/AAT/A58/900-904.



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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

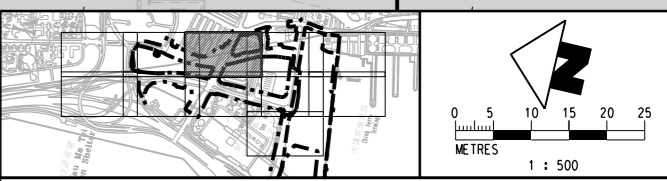
DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

EXPRESS RAIL LINK

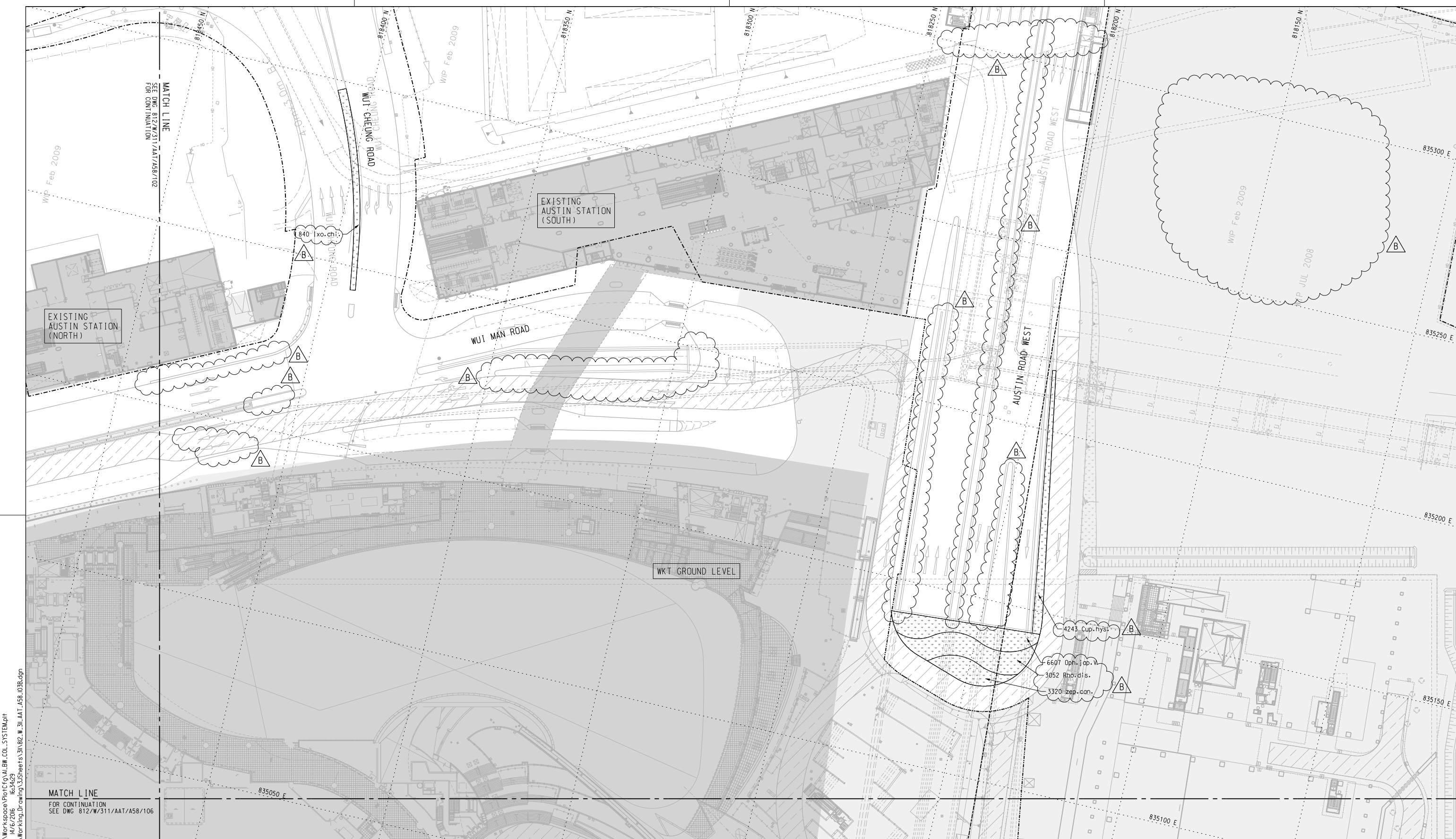
 ORIGINATOR

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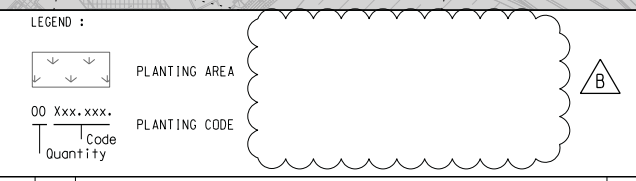
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TITLE		CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS	
		EXTERNAL WORKS SHRUB PLANTING PLAN (SHEET 2 OF 7)	
SCALE	DRAWING NO.	REV.	
1:500 @ A1	812/W/311/AAT/A58/102	B	



- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KT/AAT/A58/900-904.

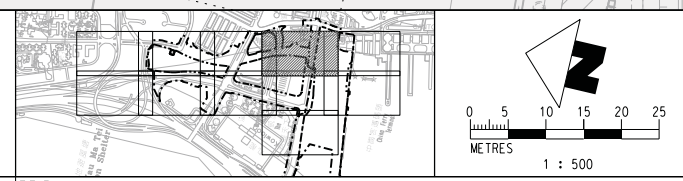


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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

BY	DATE	APPROVED	DESCRIPTION
FRANK LEE	12AUG2013	[Signature]	DRAWN
ANDY LEWIS			DESIGNED
F MCGOLDRICK			CHECKED
KELVIN KO			APPROVED

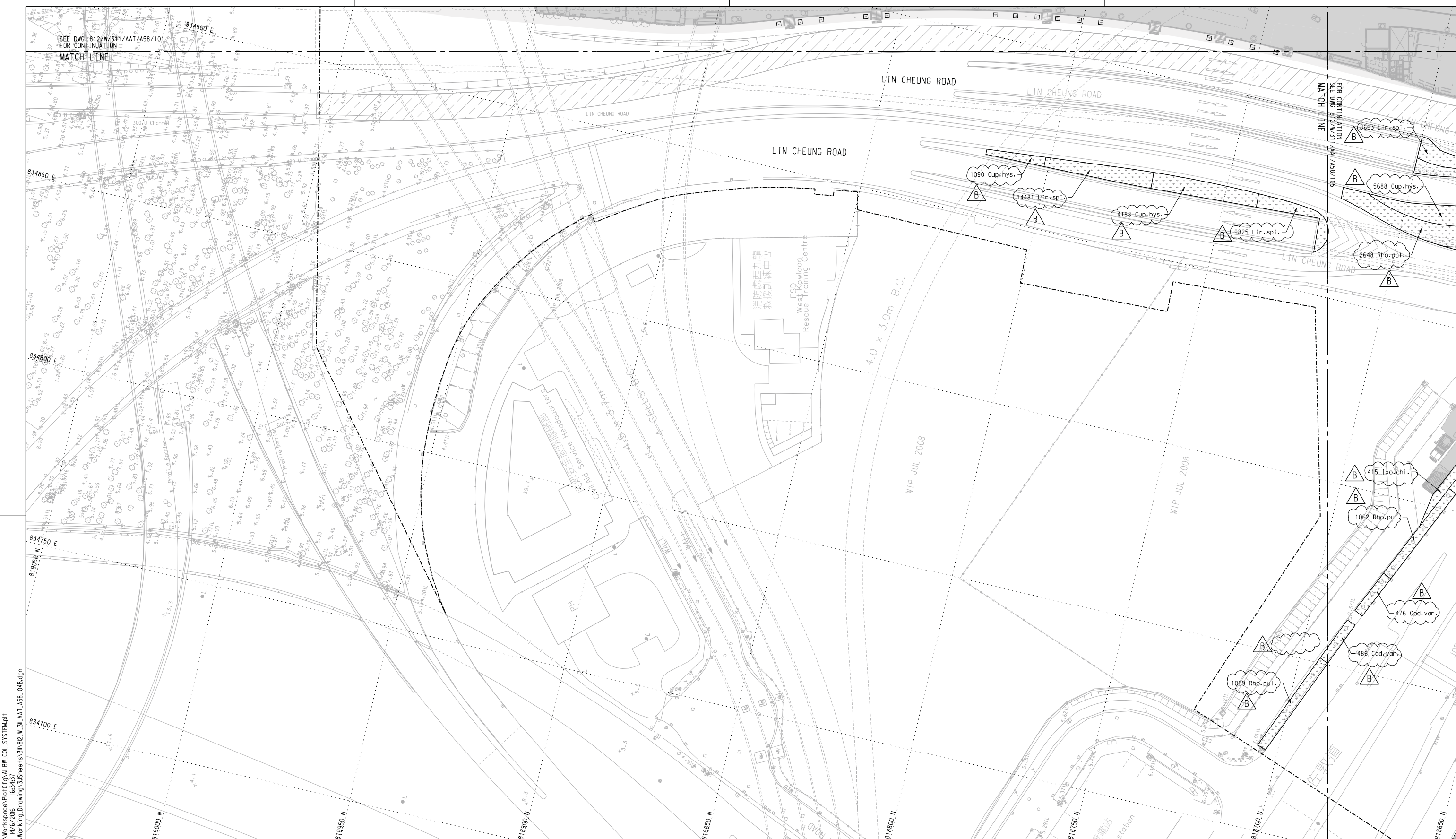
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AECOM Aedas
 ORIGINATOR
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TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEET 3 OF 7)
 SCALE 1:500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/103
 REV. B

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KT/AAT/A58/900-904.

LEGEND :

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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013
 ORIGINATOR
 EXPRESS RAIL LINK

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEET 4 OF 7)
 SCALE 1:500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/104
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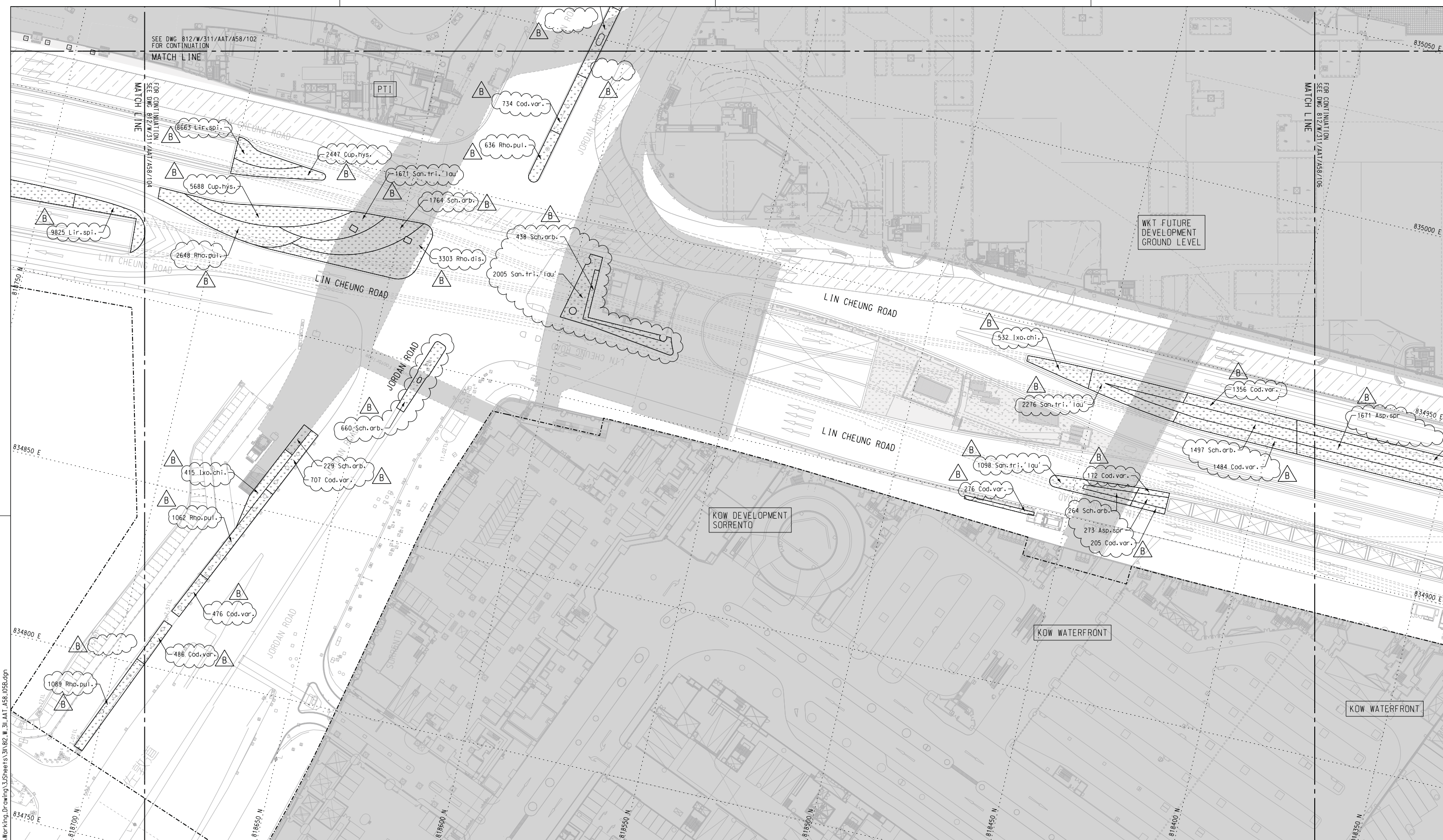
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MATCH LINE

FOR CONTINUATION SEE DWG 812/W/311/AAT/A58/104

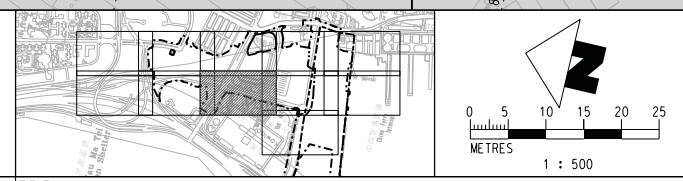
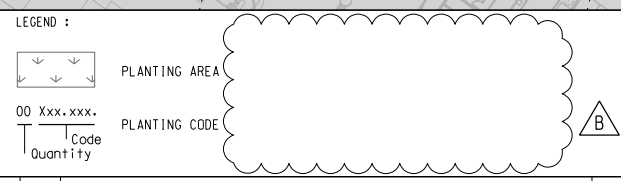
MATCH LINE

FOR CONTINUATION SEE DWG 812/W/311/AAT/A58/106



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



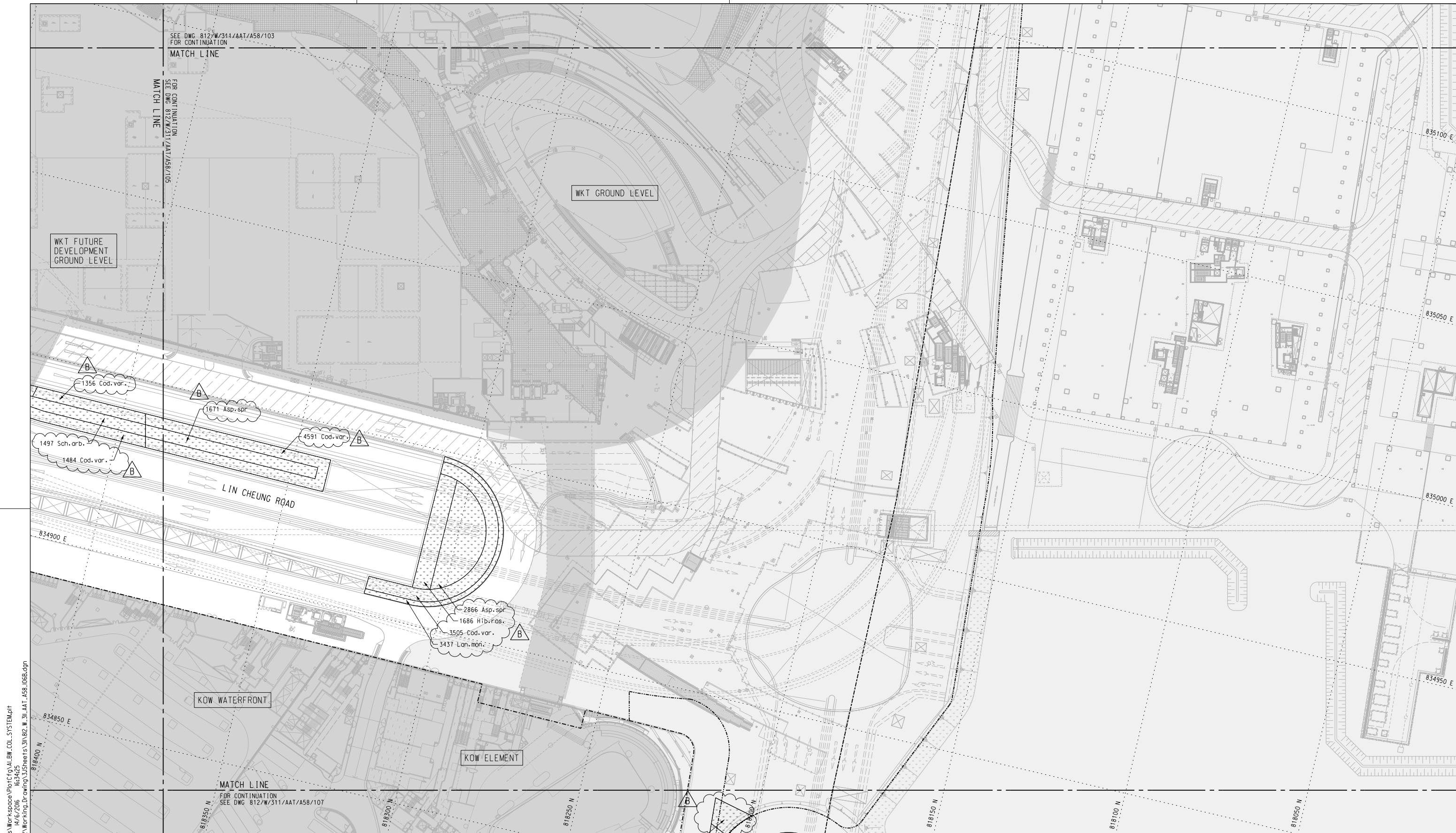
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013
 ORIGINATOR: **MTR**
EXPRESS RAIL LINK
AECOM Aedas
 ○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT
 CADD REF. 812_W_311_AAT_A58_105B.dgn



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 SCALE: 1:500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/105
 REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

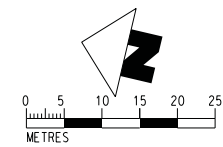
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B	BASE LAYOUT AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013


EXPRESS RAIL LINK
 ORIGINATOR
 
 CADD REF. 812_W_311_AAT_A58_106B.dgn

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEET 6 OF 7)

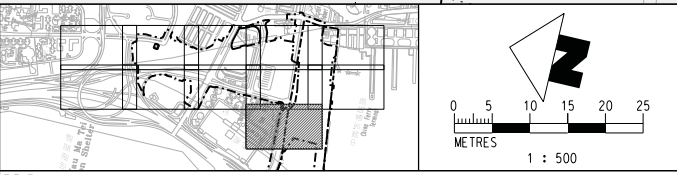
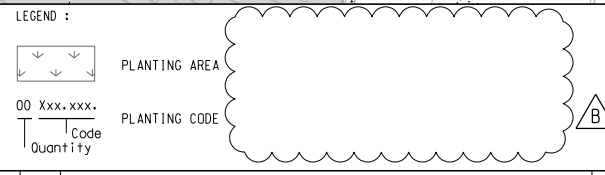


SCALE	DRAWING NO.	REV.
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SEE DWG 812/W/311/AAT/A58/106
FOR CONTINUATION
MATCH LINE



- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

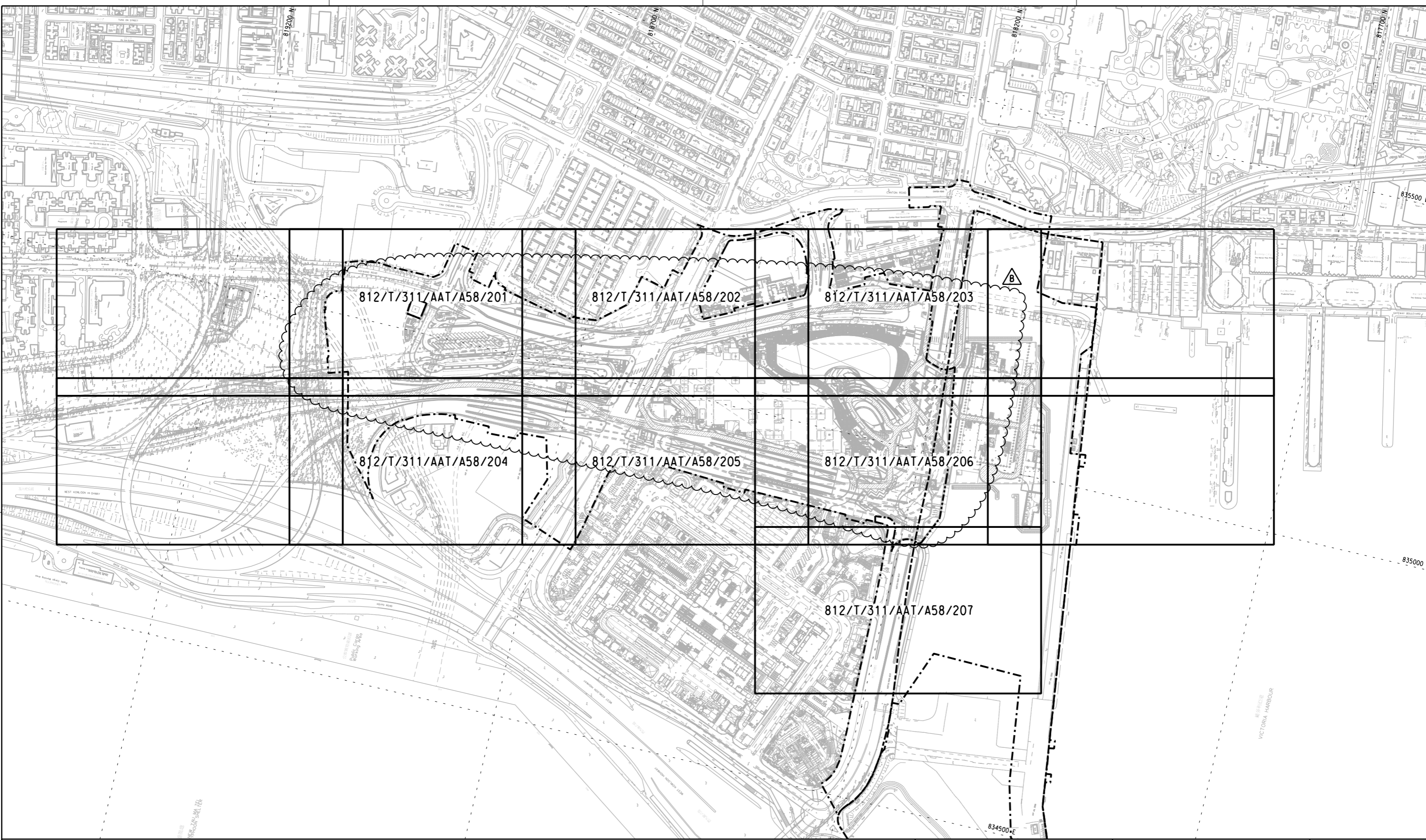
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DRAWN FRANK I LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013
 ORIGINATOR
MTR
EXPRESS RAIL LINK
AECOM Aedas
 ○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT
 CADD REF. 812_W_311_AAT_A58_107B.dgn

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 SHRUB PLANTING PLAN
 (SHEET 7 OF 7)
 SCALE 1:500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/107
 REV. B

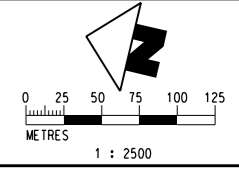
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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
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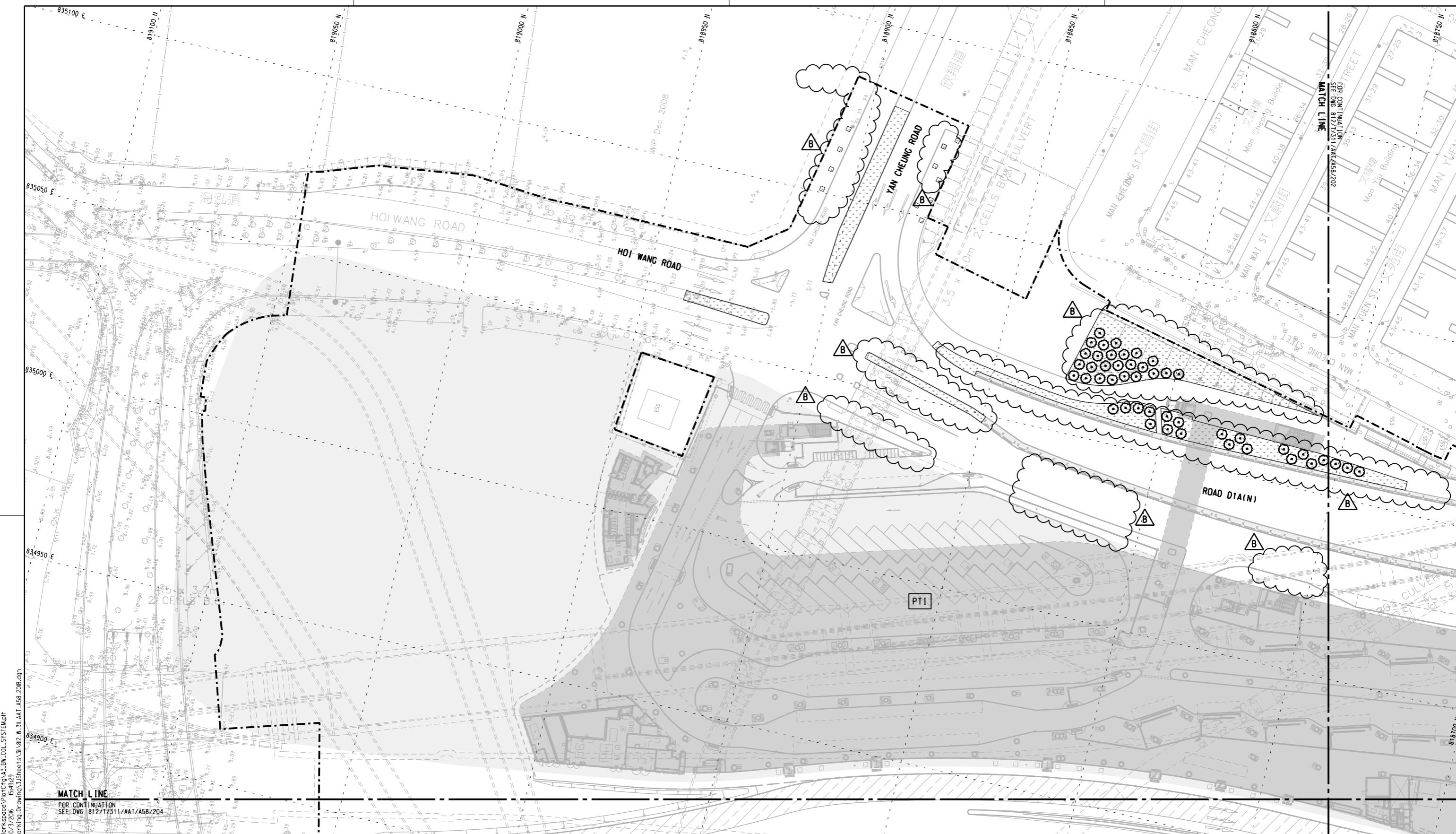
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

BY	DATE	APPROVED	DESCRIPTION
FM	05FEB16	KK	BASE LAYOUT UPDATED
FM	12AUG13	KK	WORKING DRAWING ISSUE

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DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013
 ORIGINATOR
MTR
 EXPRESS RAIL LINK
AECOM **Aedas**
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT
 CADD REF. 812_W_311_AAT_A58_200B.dgn

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
EXTERNAL WORKS
TREE PLANTING PLAN
(SHEETS DIVISION)
 SCALE 1:2500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/200
 REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/MKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/MKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/MKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
	TRANSPLANTED TREE (BY OTHERS)		

Code
Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN	FRANK LEE	 EXPRESS RAIL LINK
DESIGNED	ANDY LEWIS	
CHECKED	F MCGOLDRICK	
APPROVED	KELVIN KO	
DATE	12AUG2013	
ORIGINATOR		
CADD REF.	812_W_311_AAT_A58_2018.dgn	

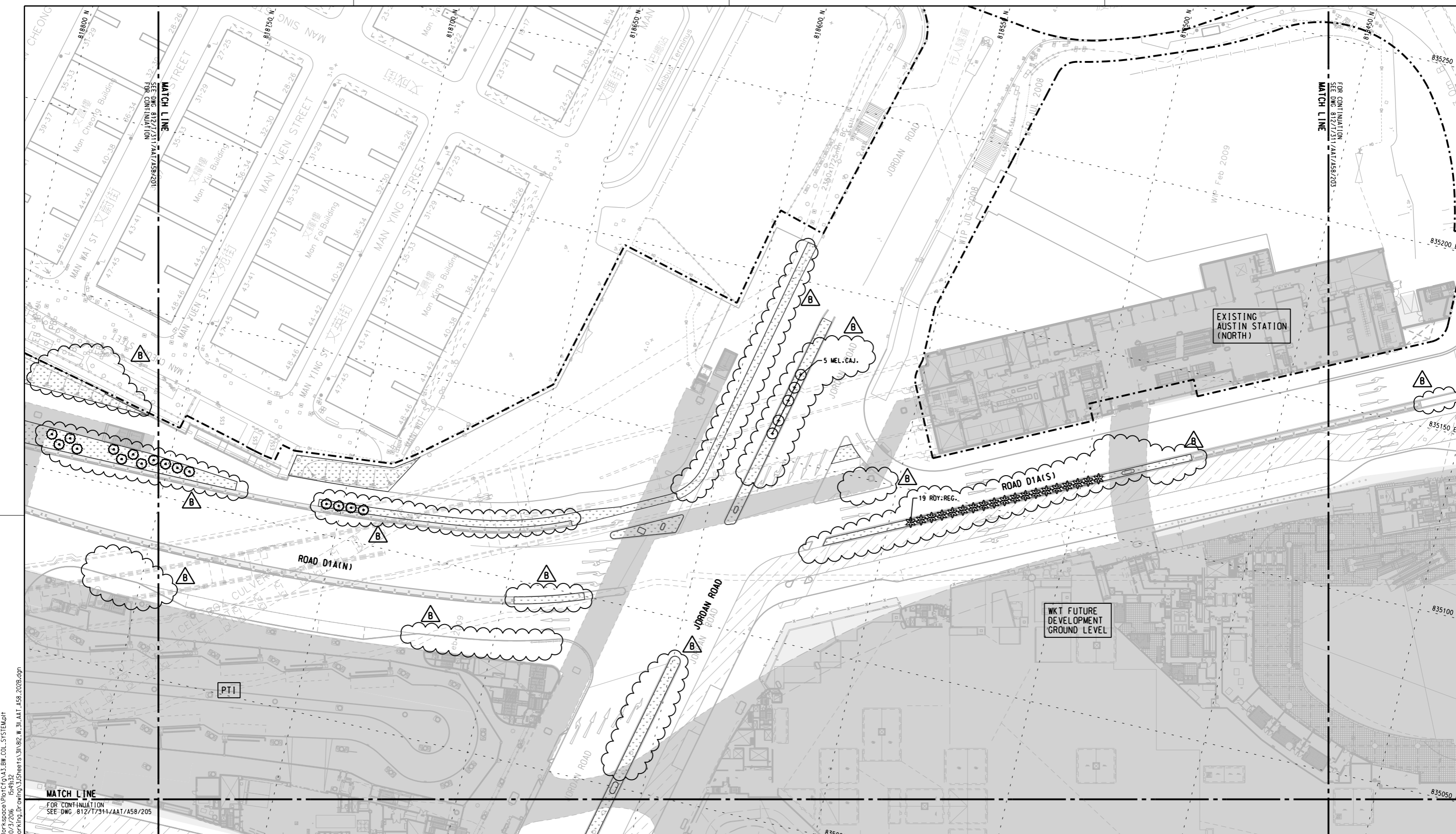
TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 TREE PLANTING PLAN
 (SHEET 1 OF 7)

SCALE 1:500 @ A1

DRAWING NO. 812/W/311/AAT/A58/201

REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
	TRANSPLANTED TREE (BY OTHERS)		

00 xxx.xxx
Code
Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

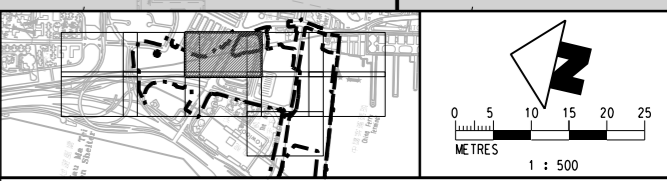
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DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013

MTR
 EXPRESS RAIL LINK
 AECOM Aedas

ORIGINATOR: AECOM, AEDAS, MEINHARDT, MVA, BURO HAPPOLD, EDRAW, MOTT

CADD REF.: 812_W_311_AAT_A58_202B.dgn

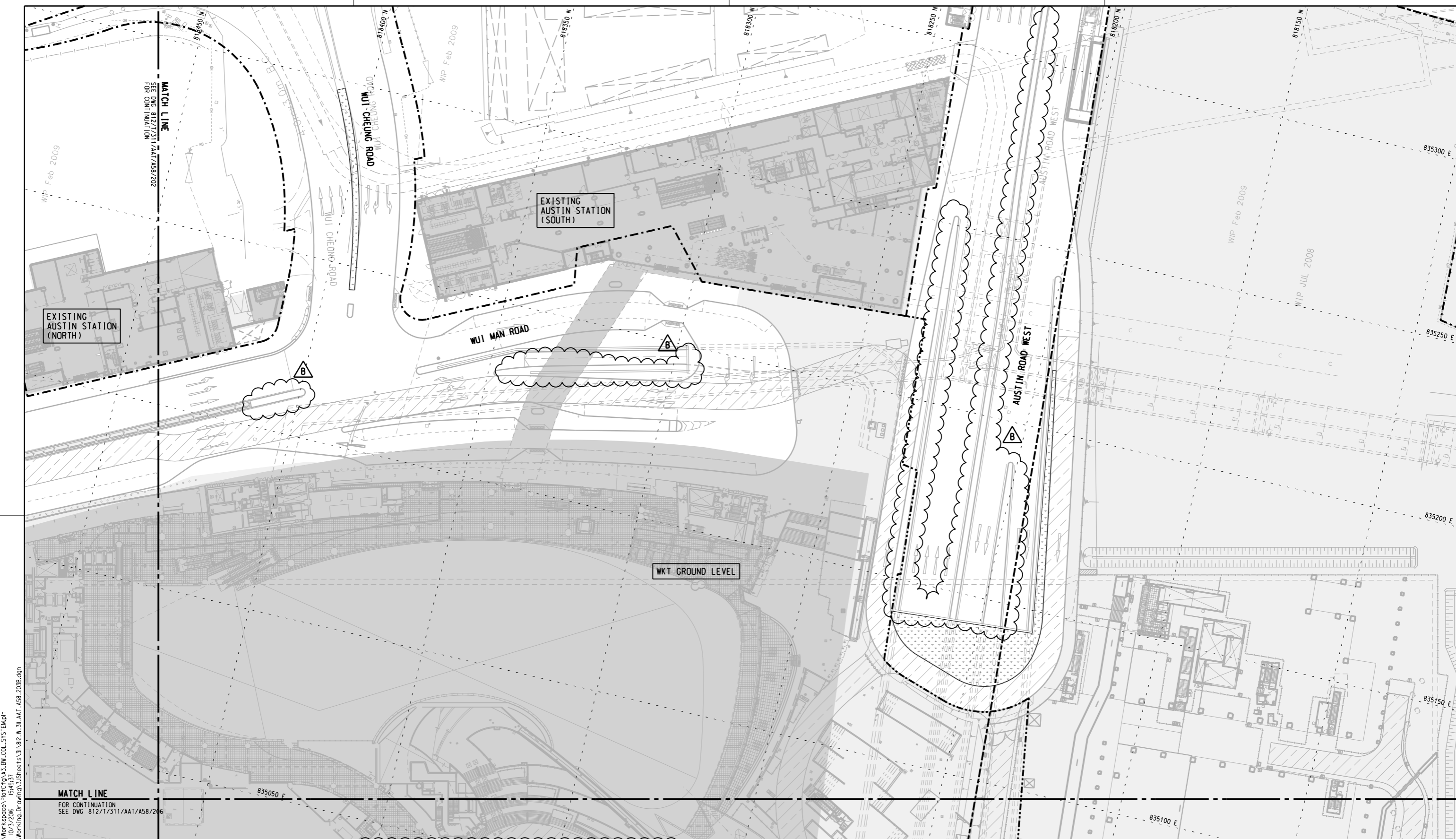


TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS TREE PLANTING PLAN (SHEET 2 OF 7)

SCALE: 1:500 @ A1

DRAWING NO.: 812/W/311/AAT/A58/202

REV: B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
	TRANSPLANTED TREE (BY OTHERS)		

00 xxx.xxx.
Code
Quantity

B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

● AECOM ● AEDAS ● MEINHARDT ● MVA ● BURO HAPPOLD ● EDAW ● MOTT

CADD REF. 812_W_311_AAT_A58_203B.dgn

0 5 10 15 20 25
METRES
1 : 500

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

EXTERNAL WORKS

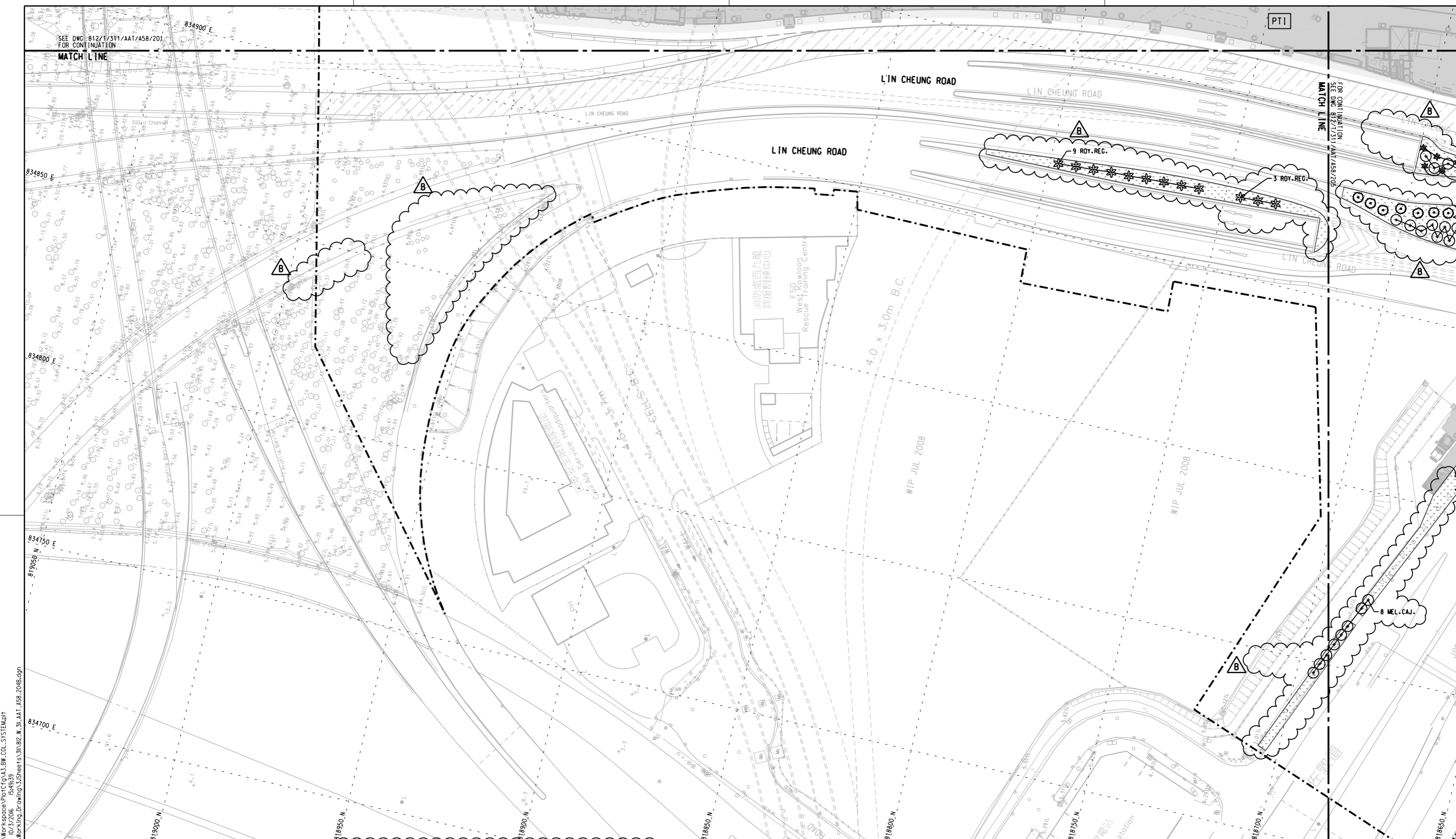
TREE PLANTING PLAN

(SHEET 3 OF 7)

SCALE 1:500 @ A1

DRAWING NO. 812/W/311/AAT/A58/203

REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/KT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/KT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/KT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
			TRANSPLANTED TREE (BY OTHERS)

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN	FRANK LEE	
DESIGNED	ANDY LEWIS	
CHECKED	F MCGOLDRICK	
APPROVED	KELVIN KO	
DATE	12AUG2013	ORIGINATOR
CADD REF.		812_W_311_AAT_A58_204B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

EXTERNAL WORKS

TREE PLANTING PLAN

(SHEET 4 OF 7)

SCALE 1:500 @ A1

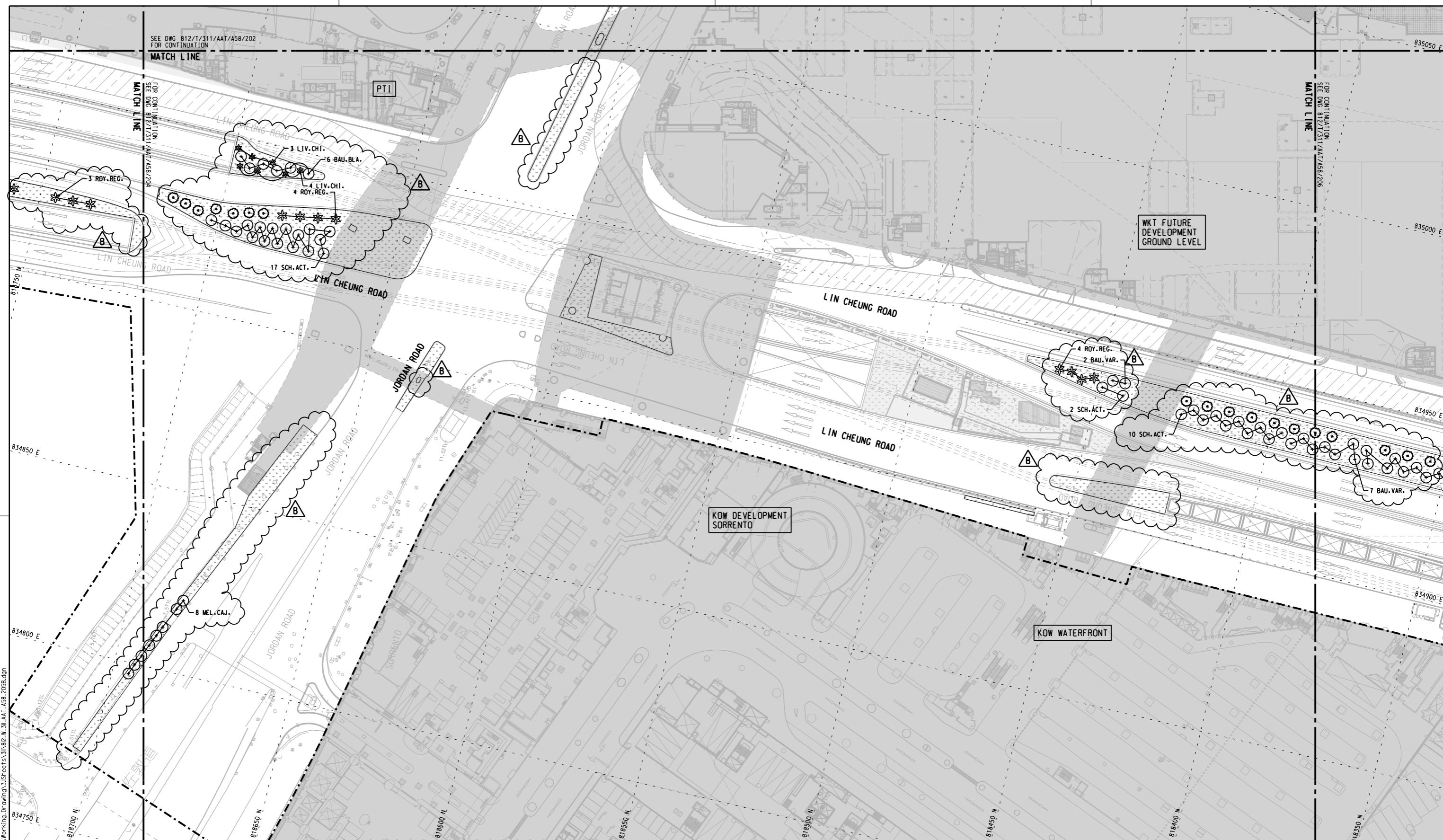
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REV. B

SEE DWG 812/T/311/AAT/A58/202 FOR CONTINUATION

MATCH LINE FOR CONTINUATION SEE DWG 812/T/311/AAT/A58/202

MATCH LINE FOR CONTINUATION SEE DWG 812/T/311/AAT/A58/202



- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
			TRANSPLANTED TREE (BY OTHERS)

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REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN FRANKI LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG12013

EXPRESS RAIL LINK

ORIGINATOR

CADD REF. 812_W_311_AAT_A58_205B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
EXTERNAL WORKS
TREE PLANTING PLAN
(SHEET 5 OF 7)

1 : 500

SCALE 1:500 @ A1	DRAWING NO. 812/W/311/AAT/A58/205	REV. B
------------------	-----------------------------------	--------

SEE DWG. 812/T/311/AAT/A58/203 FOR CONTINUATION

MATCH LINE

FOR CONTINUATION SEE DWG. 812/T/311/AAT/A58/203

MATCH LINE

WKT GROUND LEVEL

WKT FUTURE DEVELOPMENT GROUND LEVEL

BAU. VAR. LIN CHEUNG ROAD IT SCH. ACT.

KOW WATERFRONT


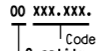
KOW ELEMENT




MATCH LINE

FOR CONTINUATION SEE DWG. 812/T/311/AAT/A58/207

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

 PLANTING AREA
 00 XXX.XXX. PLANTING CODE
 Code Quantity

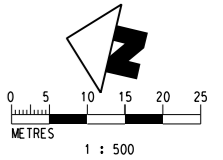
-  TREE
-  PALM
-  TRANSPLANTED TREE (BY OTHERS)

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B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

 EXPRESS RAIL LINK
 
 ORIGINATOR
      
 CADD REF. 812_W_311_AAT_A58_206B.dgn



TITLE		CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS	
		EXTERNAL WORKS	
		TREE PLANTING PLAN	
		(SHEET 6 OF 7)	
SCALE	DRAWING NO.	REV.	
1:500 @ A1	812/W/311/AAT/A58/206	B	

SEE DWG 812/T/311/AAT/A58/206
FOR CONTINUATION
MATCH LINE

KOW ELEMENT

AUSTIN ROAD WEST / AUSTIN ROAD WEST

柯士甸道西

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/010
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		PALM
	TRANSPLANTED TREE (BY OTHERS)		

00 XXX.XXX.
Code
Quantity

0 5 10 15 20 25
METRES
1 : 500

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_311_AAT_A58_207B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
EXTERNAL WORKS
TREE PLANTING PLAN
(SHEET 7 OF 7)

SCALE 1:500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/207
 REV. B

EXTERNAL WORKS SHRUB PLANTING SCHEDULE
FOR PLANTING PLAN REFER TO DRAWING 812/W/311/A58/101 TO 107

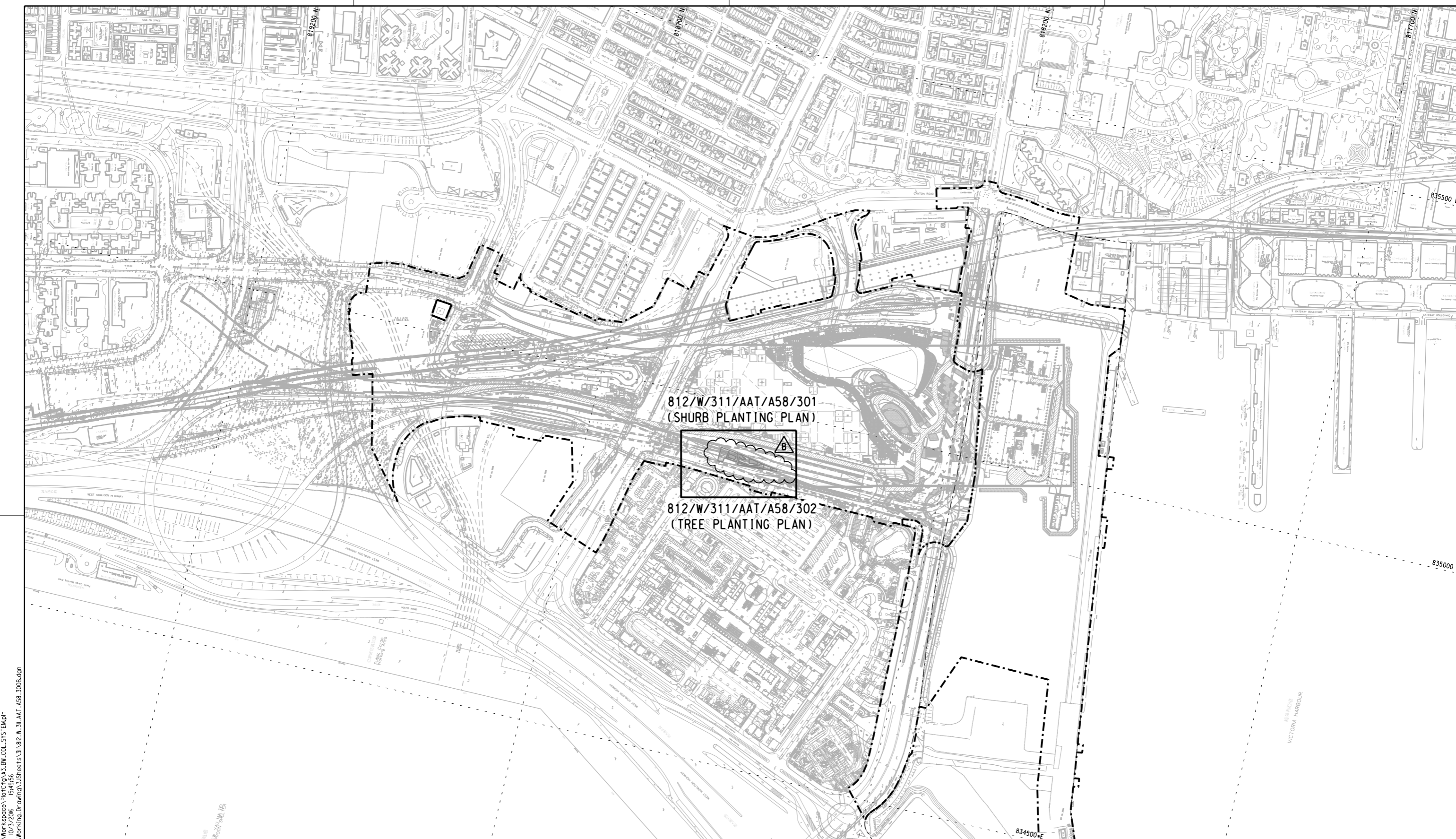
CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Asp.spr	Asparagus sprengeri	天冬	200	400	350	Minimum 3 shoots per plant	4,810
Asp.spr	Asparagus sprengeri	天冬	200	400	350	Minimum 3 shoots per plant	4,810
Asp.spr	Asparagus sprengeri	天冬	200	400	350	Minimum 3 shoots per plant	4,810
Cod.var	Codiaeum variegatum	洒金榕	500	450	300		18,396
Cup.hys	Cuphea hyssopifolia	雪茄	150-200	150-200	200	Minimum 3 shoots per plant	25,802
Dur.rep.D	Duranta repens 'Dwarf golden'	金蓮翹	400	300	300		1,536
Hib.ros.	Hibiscus rosa-sinensis	大紅花	500	400	350		1,686
Lyo.chi	Lyora chinensis	龍船花	400	250	400		8,693
Rha.exc	Rhapis excelsa	棕竹	750	500	500	Minimum 6 shoots per plant	156
Rho.pul	Rhododendron pulchrum	紫杜鵑	300	300	300	Minimum 3 shoots per plant	11,880
San.tri.'lau'	Sansevieria trifasciata 'laurentii'	金邊虎尾蘭	250	300	300	Minimum 3 shoots per plant	8,404
Sch.arb.	Schefflera arboricola	八葉木	500	450	350		5,507
TOTAL :							56,258
GROUND COVER							
Asp.spr	Asparagus sprengeri	天冬	200	400	350		4,810
Cup.hys.	Cuphea hyssopifolia	雪茄	150-200	150-200	200		25,802
Lan.mon.	Lantana montevidensis	鋪地黃金鳳	150	200	200		3,437
Lir.spi.	Liriope spicata	麥冬	150-200	150-200	100		32,969
Oph.jap.V	Ophiopogon japonicus 'variegata'	花葉沿階草	150-200	150-200	200		9,486
Rho.dis.	Rhoeo discolor	蚌花	300	200	300		9,244
Zep.can.	Zephyranthes candida	蔥蘭	150-200	150-200	200		9,540
TOTAL :							95,288
Hydro-seeded							
Hyd	Hydro - Seeded	植生噴播	-	-	-	Government Specification (Civil) Section 3	1,265
TOTAL (sq.m) :							1,265

EXTERNAL WORKS TREE PLANTING SCHEDULE
FOR PLANTING PLAN REFER TO DRAWING 812/W/311/A58/201 TO 207

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	CAL IPER (mm)	SPACING (mm)	REMARKS	QTY
TREE								
BRA.AGE	Braehybotan acerifolius	銀葉菩提	50	DELETED	68-108	AS SHOWN	HEAVY STANDARD TREE	28
CAS.SITE	Casuarina sinuatifolia	藍桉	DELETED	DELETED	DELETED	AS SHOWN	STANDARD TREE	10
CHE.HOM	Chavica robusta	銀樟	DELETED	DELETED	DELETED	AS SHOWN	STANDARD TREE	26
KHA.BEN	Khaya senegalensis	非洲楸	DELETED	DELETED	DELETED	AS SHOWN	HEAVY STANDARD TREE	18
MEL.GDR	Melaleuca guineensis	白千層	DELETED	DELETED	DELETED	AS SHOWN	HEAVY STANDARD TREE	24
BAU.BLA.	Bauhinia blakeana	洋紫荊	5000-6000	2500-3000	130-150	AS SHOWN	HEAVY STANDARD TREE	6
BAU.VAR.	Bauhinia variegata	宮粉洋蹄甲	5000-6000	2500-3000	130-150	AS SHOWN	STANDARD TREE	9
MEL.CAJ.	Melaleuca cajuputi subsp. Cumingiana	白千層	5000	3000	90-100	AS SHOWN	STANDARD TREE	13
SCH.ACT	Schefflera actinophylla	傘樹	5000	3000	90-100	AS SHOWN	STANDARD TREE	40
SHA.CAM	Shorea campanulata	文冬	DELETED	DELETED	DELETED	AS SHOWN	HEAVY STANDARD TREE	28
TOTAL :							68	
PALM								
LIV.CHI	Livistona chinensis	蒲葵	DELETED	DELETED	DELETED	3000-6000	STANDARD PALM	7
ROY.REG.	Roystonea regia	王棕	6000	3000	-	3000-6000	HEAVY PALM	39
TOTAL :							46	

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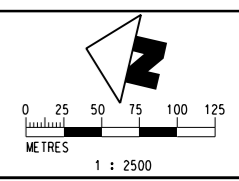
DRAWN: FRANKI LEE DESIGNED: ANDY LEWIS CHECKED: F MCGOLDRICK APPROVED: KELVIN KO DATE: 12AUG2013	 EXPRESS RAIL LINK	 ORIGINATOR AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT	TITLE CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS PLANTING SCHEDULE
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PLOT DRW: P:\2008\2008165_MKT_ID\03CAD\3_Milestones\workspace\Plot\CF6\A3_BH_COL_SYSTEM.dwg
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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
 - - - - - BOUNDARY



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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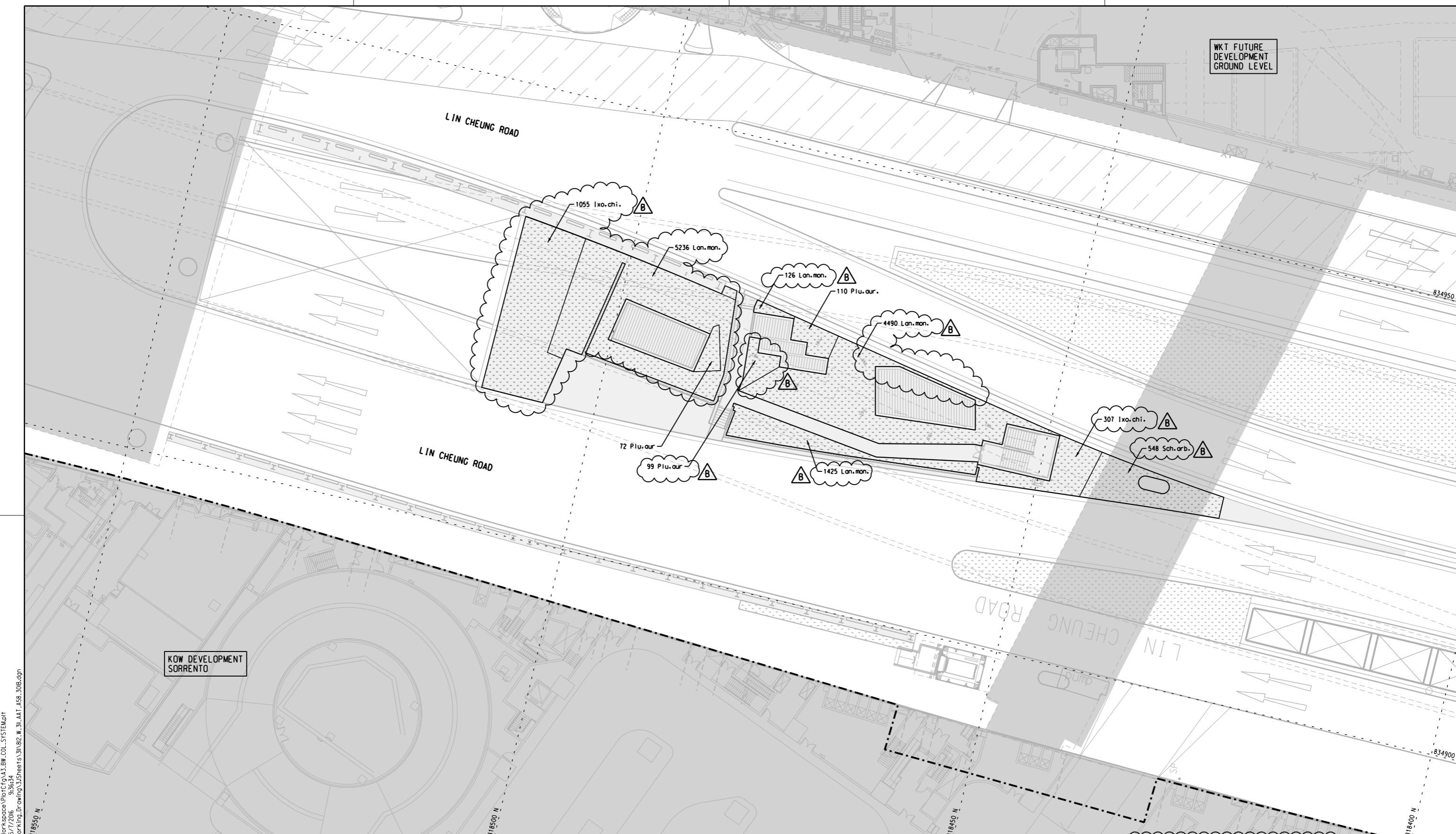
DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013

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 EXPRESS RAIL LINK
 AECOM Aedas
 ORIGINATOR
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT

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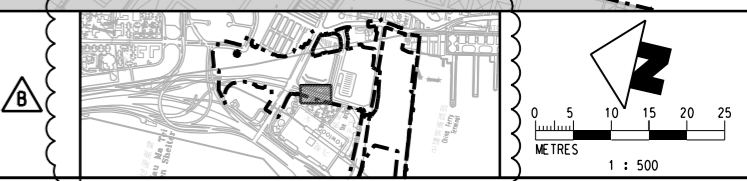
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CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS EXTERNAL WORKS
LIN CHEUNG ROAD VS2 PLANTING PLAN (SHEETS DIVISION)

SCALE 1:2500 @ A1
 DRAWING NO. 812/W/311/AAT/A58/300
 REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/311/AAT/A58/011.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.
 - TREE PLANTING IN THIS AREA IS INFEASIBLE DUE TO SITE CONSTRAINT.

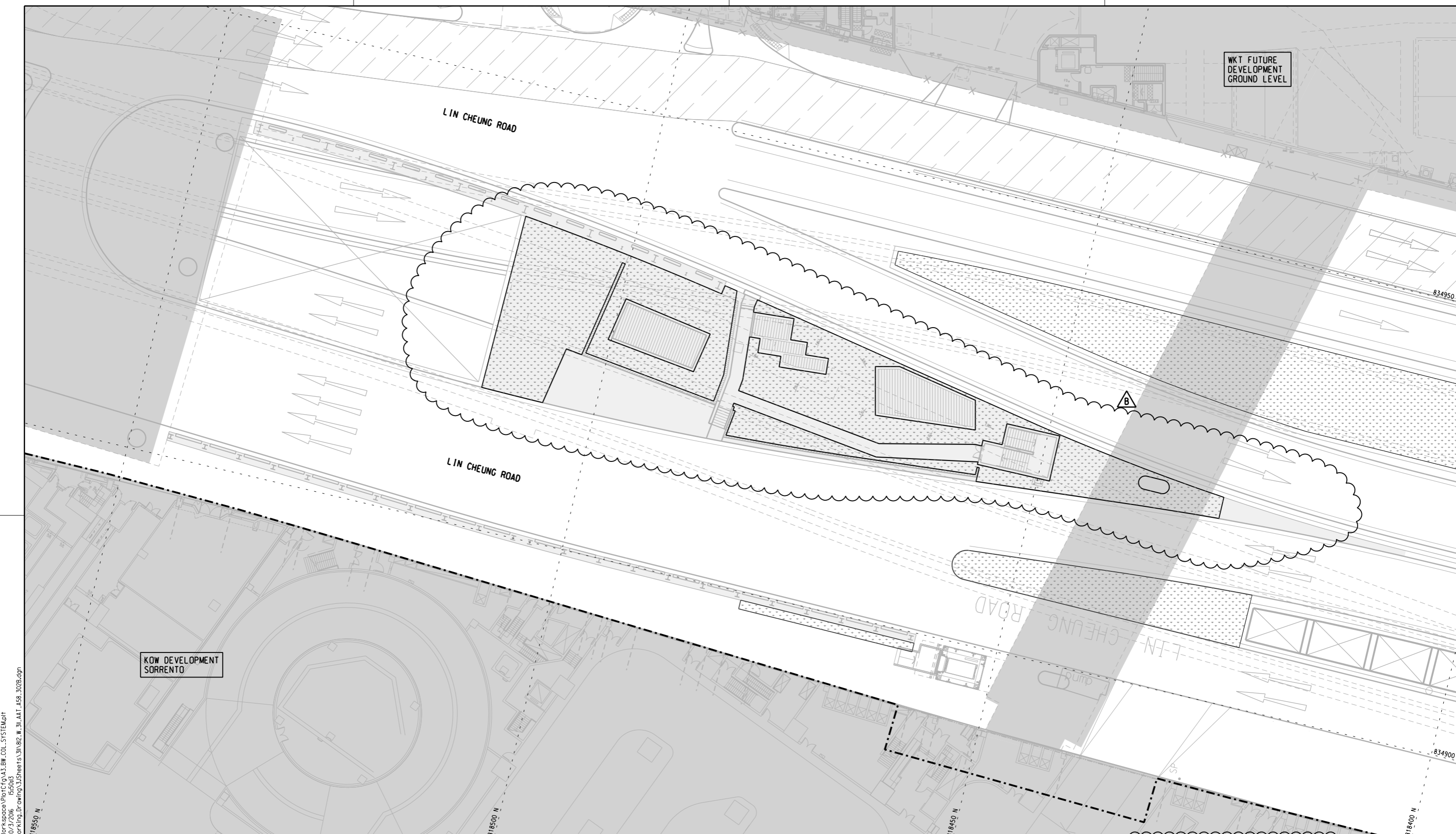


REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

EXPRESS RAIL LINK
 AECOM Aedas
 ORIGINATOR
 CADD REF. 812_W_311_AAT_A58_301B.dgn

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
EXTERNAL WORKS
LIN CHEUNG ROAD VS2
SHRUB PLANTING PLAN
 SCALE 1:200 @ A1
 DRAWING NO. 812/W/311/AAT/A58/301
 REV. B



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KOW DEVELOPMENT
SORRENTO

WKT FUTURE
DEVELOPMENT
GROUND LEVEL

LIN CHEUNG ROAD

LIN CHEUNG ROAD

ROAD

CHEUNG

LIN

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/011.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND TREE DELETED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013

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 ORIGINATOR
 AECOM Aedas
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT

CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 LIN CHEUNG ROAD VS2
 TREE PLANTING PLAN

SCALE 1:200 @ A1
 DRAWING NO. 812/W/311/AAT/A58/302
 CADD REF. 812_W_311_AAT_A58_302B.dgn
 REV. B

EXTERNAL WORKS LIN CHEUNG ROAD VS2 SHRUB PLANTING SCHEDULE
FOR PLANTING PLAN REFER TO DRAWING 812/W/311/A58/301

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Ixo.chi.	Ixora chinensis	龍船花	400	250	400	-	1,362
Lan.mon.	Lantana montevidensis	鋪地臭金鳳	150	200	200	-	11,277
Plu.aur.	Plumbago auriculata	藍雪花	500	500	400	-	281
DELETED							
Sch.arb.	Schottlera arboricola	八業木	500	450	350	-	548
TOTAL :							13,468

TOTAL : 13,468
B

EXTERNAL WORKS LIN CHEUNG ROAD VS2 TREE PLANTING SCHEDULE
FOR PLANTING PLAN REFER TO DRAWING 812/W/311/A58/302

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	CALIPER (mm)	SPACING (mm)	REMARKS	QTY
TREE								
CAS.SUR.	Cassia-surattensis	黃槐	4000	2500	60-70	AS SHOWN	STANDARD TREE	3
CIN.CAM.	Cinnamomum camphora	樟樹	5000	3000	90-100	AS SHOWN	HEAVY STANDARD TREE	40
SPA.CAM.	Spathodea campanulata	火焰木	5000	3000	AS SHOWN	AS SHOWN	HEAVY STANDARD TREE	44
TOTAL :								0
PALM								
CYC.REV.	Cycas-revoluta	蘇鐵	800	1500	-	1500-2000	-	20
TOTAL :								0

~~DELETED~~

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REV	DESCRIPTION	BY	DATE	APPROVED
B	PLANTING SCHEDULE REVISED	FM	05FEB10	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 12AUG2013

 EXPRESS RAIL LINK

 ORIGINATOR: AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT
 CADD REF.: 812_W_WKT_AAT_A58_01B.dgn

TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 EXTERNAL WORKS
 LIN CHEUNG ROAD VS2
 PLANTING SCHEDULE
 SCALE: N.T.S.
 DRAWING NO.: 812/W/WKT/AAT/A58/011
 REV. B



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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
 - - - - - BOUNDARY

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	LAYOUT UPDATED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

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 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 12AUG2013
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 CADD REF. 812_W_303_AAT_A58_100B.dgn

TITLE CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS
 PT1
 TREE PLANTING PLAN (SHEETS DIVISION)
 SCALE 1 : 1000 @ A1
 DRAWING NO. 812/W/303/AAT/A58/100
 REV. B

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/040. B
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	BOUNDARY
	PLANTING AREA
	TREE
	PLANTING CODE Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	LAYOUT UPDATED, NOTES, LEGEND AND PLANTING REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
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APPROVED	KELVIN KO
DATE	12AUG2013

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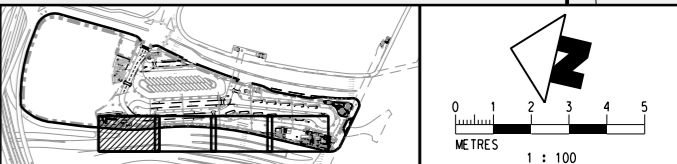
EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

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CADD REF. 812_W_303_AAT_A58_101B.dgn



TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

PTI

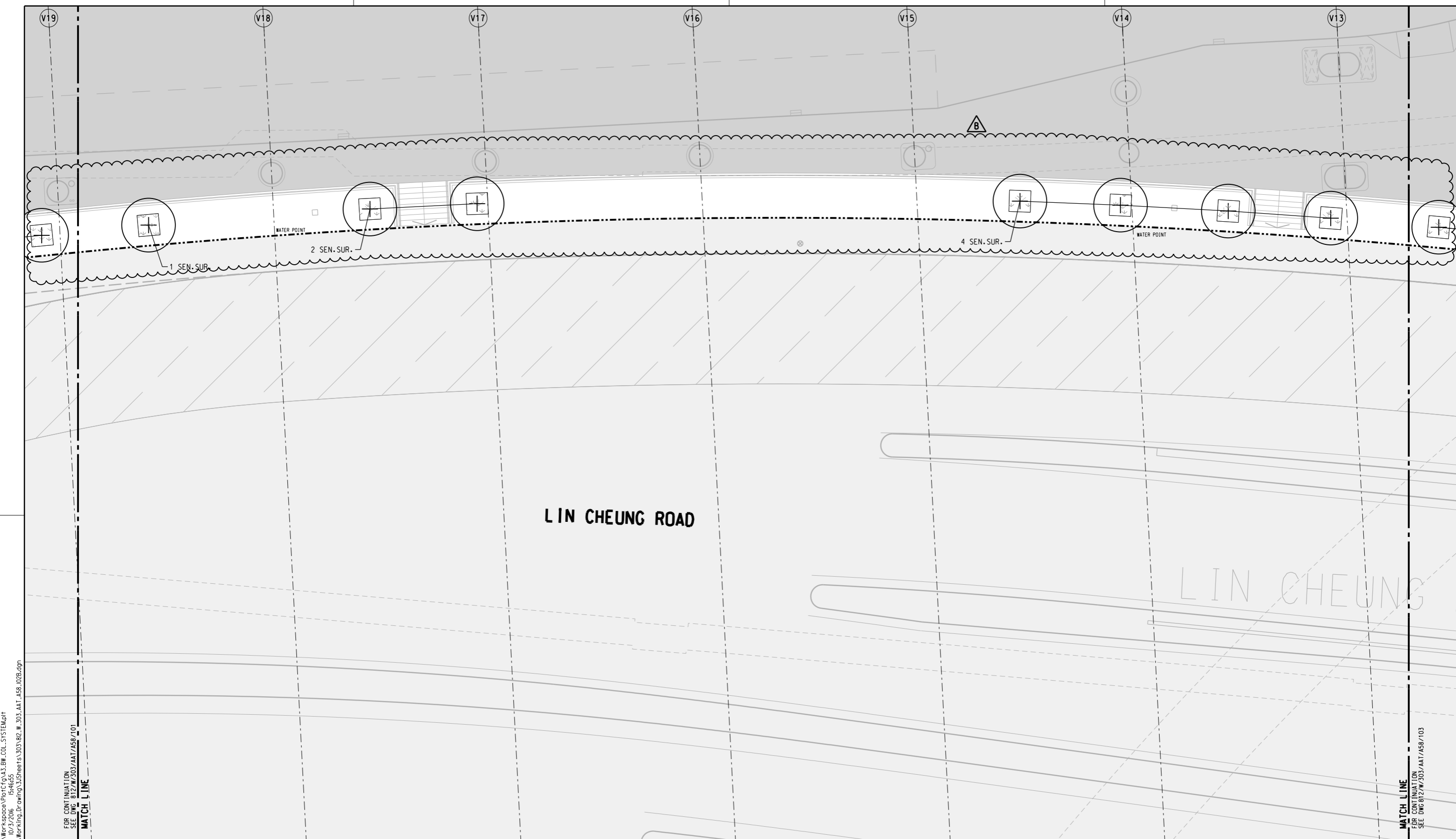
TREE PLANTING PLAN

(SHEET 1 OF 4)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/303/AAT/A58/101

REV. B



LIN CHEUNG ROAD

LIN CHEUNG

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FOR CONTINUATION
 SEE DWG: 812/W/303/AAT/A58/101
 MATCH LINE

FOR CONTINUATION
 SEE DWG: 812/W/303/AAT/A58/103
 MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/040.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	BOUNDARY
	TREE
	PLANTING CODE
	Quantity

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REV	DESCRIPTION	BY	DATE	APPROVED
B	LAYOUT UPDATED, NOTES, LEGEND AND PLANTING REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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CADD REF. 812_W_303_AAT_A58_102B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

PT1

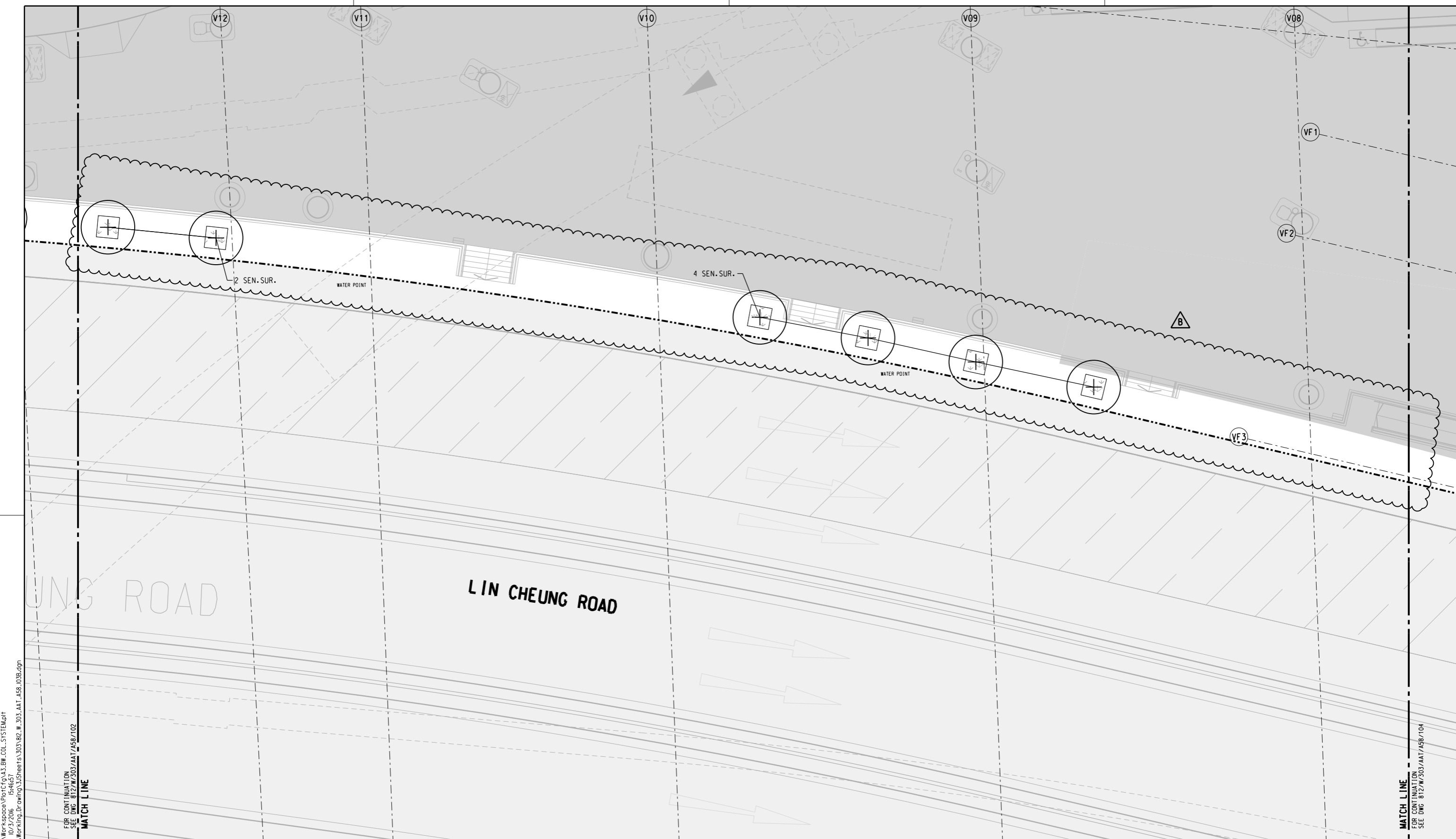
TREE PLANTING PLAN

(SHEET 2 OF 4)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/303/AAT/A58/102

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/040.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	BOUNDARY
	PLANTING AREA
	TREE
	PLANTING CODE
	Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
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DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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1 : 100

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

PTI

TREE PLANTING PLAN

(SHEET 3 OF 4)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/303/AAT/A58/103

REV. B



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 MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/040.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND

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Code			
Quantity			

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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CADD REF. 812_W_303_AAT_A58_104B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS

PT1

TREE PLANTING PLAN

(SHEET 4 OF 4)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/303/AAT/A58/104

REV. B

PTI TREE PLANTING SCHEDULE
FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/303/AAT/A58/101 TO 104

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	CALIPER (mm)	SPACING (mm)	REMARKS	QTY
TREE								
SEN.SUR.	Senna surattensis	黃槐	4000	3000	-	-		15
TOTAL :								15
PALM								
Car.mtl	Caryota mitis	椰子樹	4000	3000	-	-	DELETED	15
TOTAL :								0

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B	SCHEDULE REVISED	FM	05FEB13	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	12AUG2013

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EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

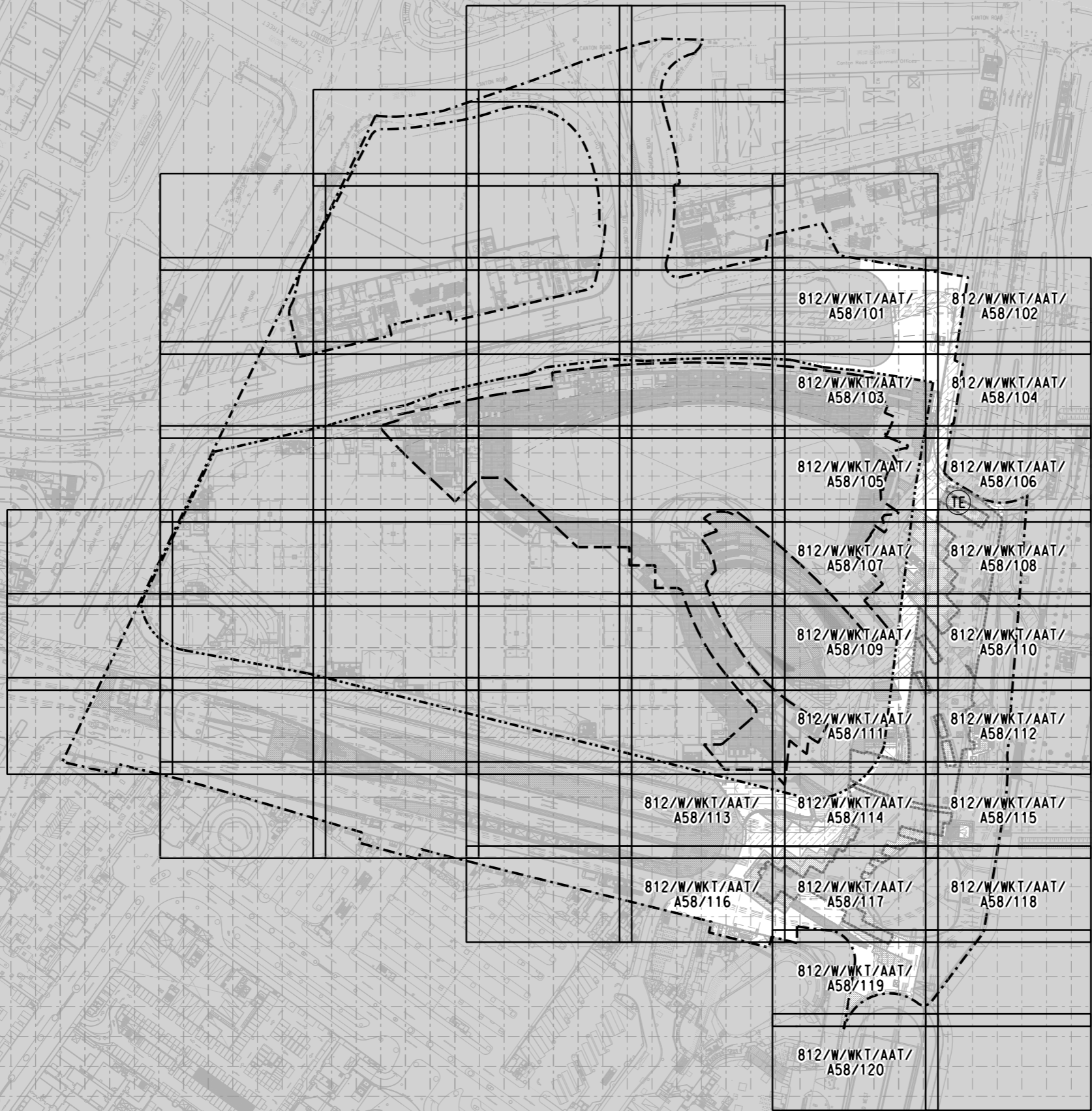
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TITLE	CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS	
	PTI PLANTING SCHEDULE	
SCALE	DRAWING NO.	REV.
N.T.S.	812/W/WKT/AAT/A58/040	B

APPENDIX A3.2

Public Plaza on Austin Road West Landscape

S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58

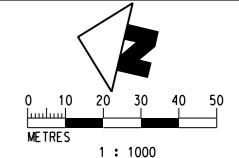


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SB
SC
SD
SE
SF
SG
SH
SJ
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SP
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L3
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L6
L7
L8
L9

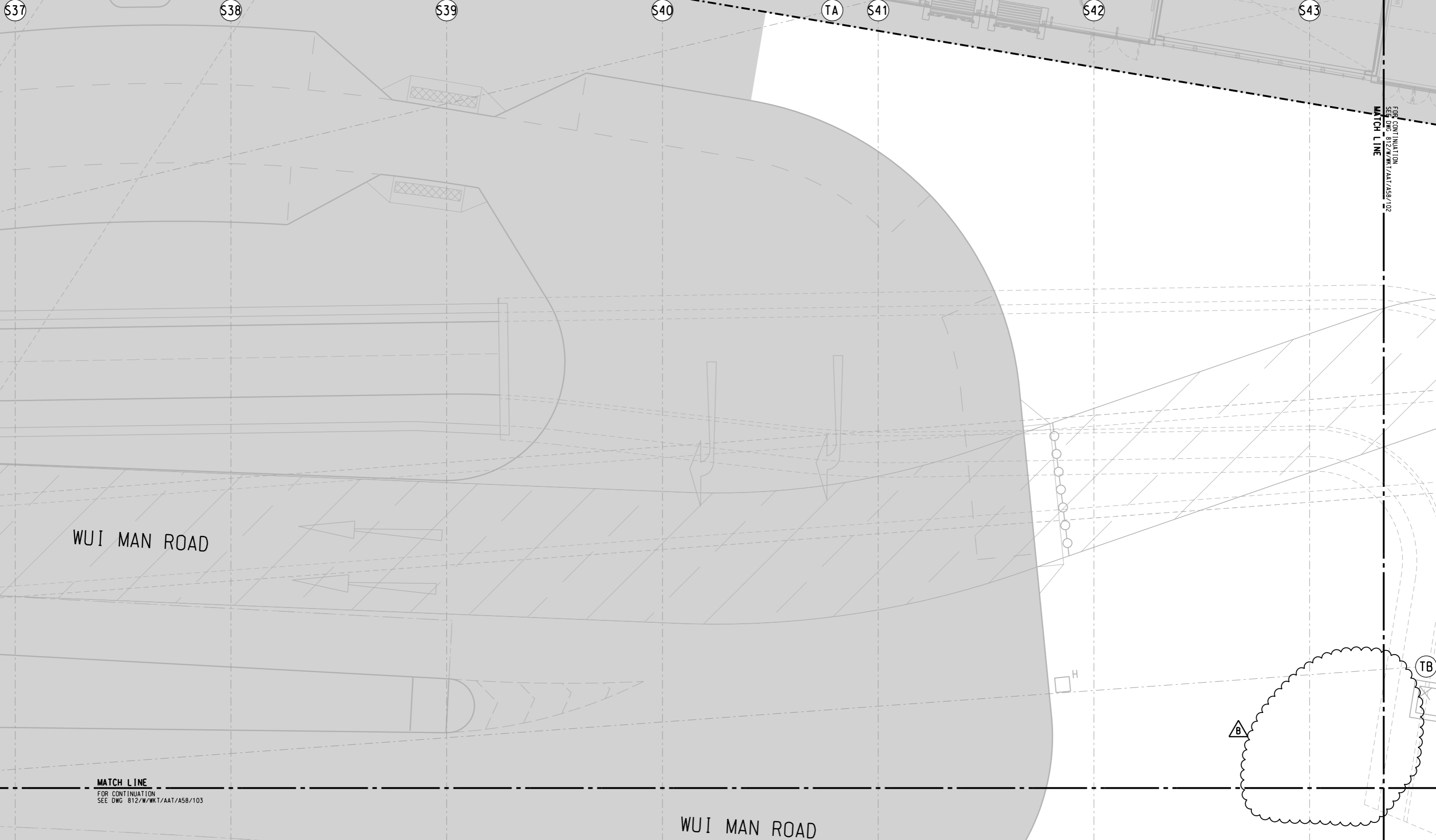
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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
 - - - - - BOUNDARY



				DRAWN: FRANK LEE DESIGNED: ANDY LEWIS CHECKED: F MCGOLDRICK APPROVED: KELVIN KO DATE: 26OCT2012								TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEETS DIVISION)			
				DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE REPORTED 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.				ORIGINATOR: AECOM Aedas CADD REF.: 812_W_WKT_AAT_A58_100B.dgn				SCALE: 1 : 1200 @ A1 DRAWING NO.: 812/W/WKT/AAT/A58/100 REV: B			
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	
B	BASE LAYOUT, NOTES AND LEGEND ADDED	FM	05FEB16	KK	A	WORKING DRAWING ISSUE	FM	12AUG13	KK						



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/102
MATCH LINE

WUI MAN ROAD

WUI MAN ROAD

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/103

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

00 Xxx.xxx.
Quantity Code

0 1 2 3 4 5
METRES
1 : 100

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PLOT DATE: 15/08/2008 16:55:57
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REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB11	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012
ORIGINATOR	AECOM Aedas
CADD REF.	812_W_WKT_AAT_A58_101B.dgn

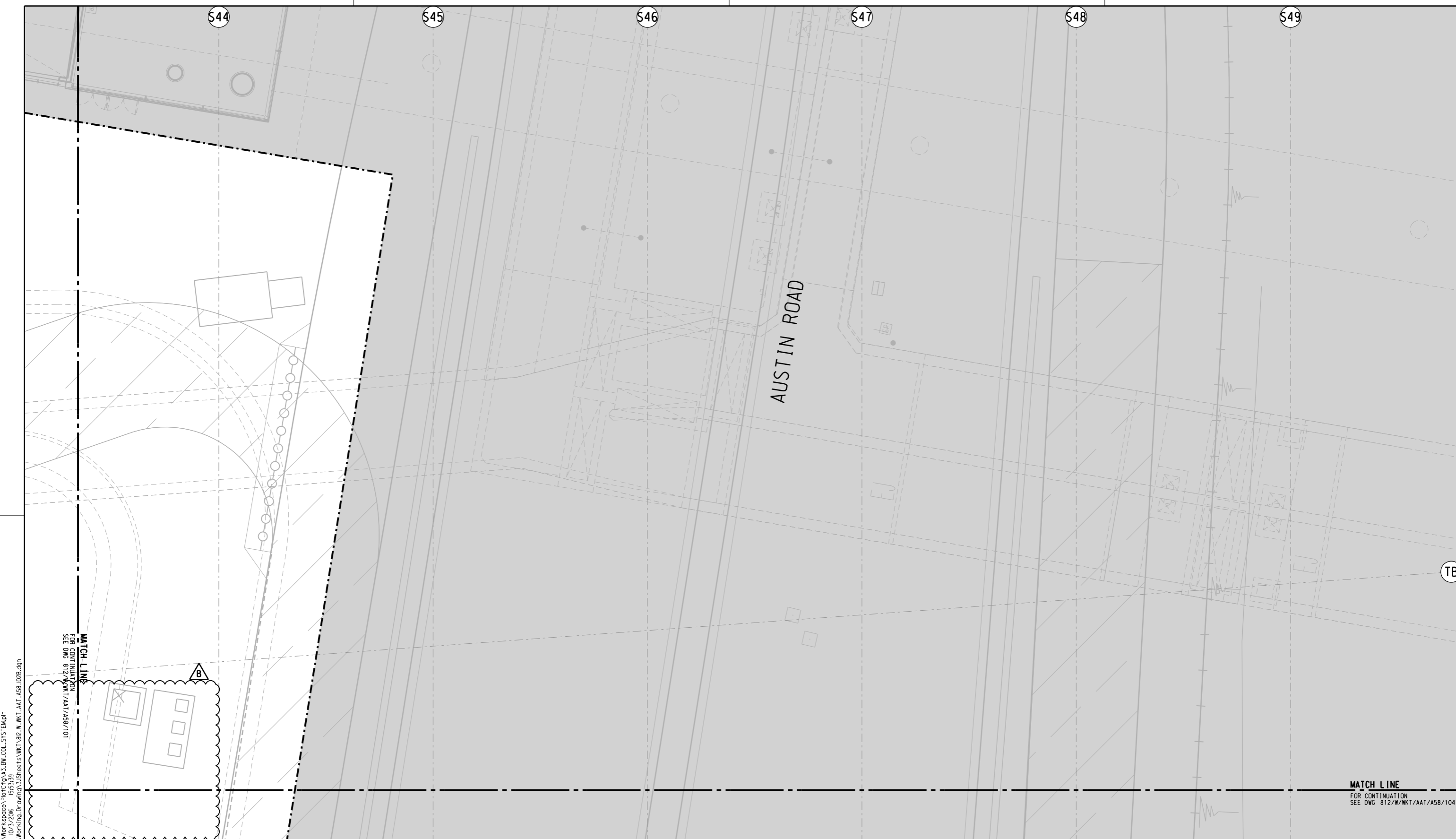
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 1 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/101

REV. B



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MATCH LINE
 FOR CONTINUATION
 SEE DWG 812/W/WKT/AAT/A58/101

MATCH LINE
 FOR CONTINUATION
 SEE DWG 812/W/WKT/AAT/A58/104

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

$00 \frac{xxx.xxx}{Quantity}$

0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURRO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_102B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 2 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/102

REV. B

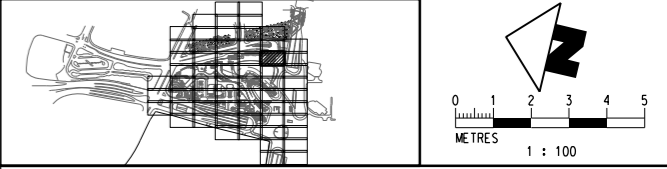
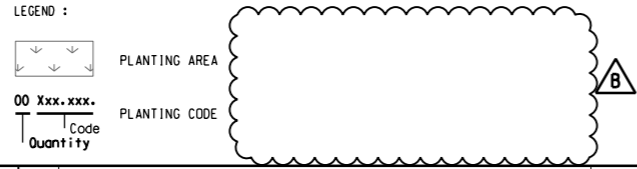


FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/101
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/104
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/105

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



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 PLOT BY: 155340
 PLOT DEVICE: PLOT01

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB11	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK

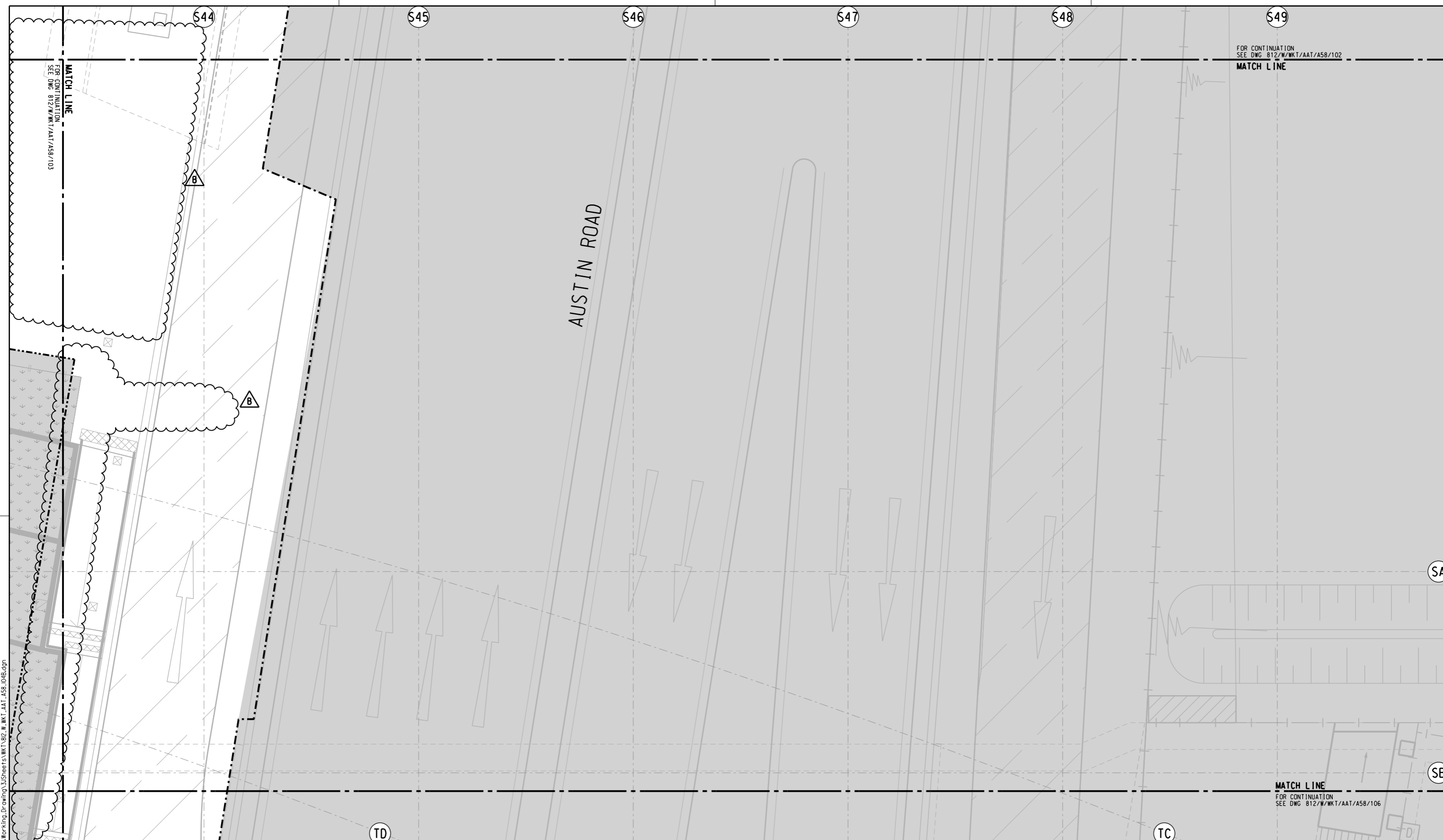
ORIGINATOR

AECOM
 AEDAS
 MEINHARDT
 MVA
 BURO HAPPOLD
 EDWA
 MOTT

CADD REF. 812_W_WKT_AAT_A58_103B.dgn

TITLE	CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 3 OF 20)
SCALE	1 : 100 @ A1
DRAWING NO.	812/W/WKT/AAT/A58/103
REV.	B

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FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/102
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/106

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

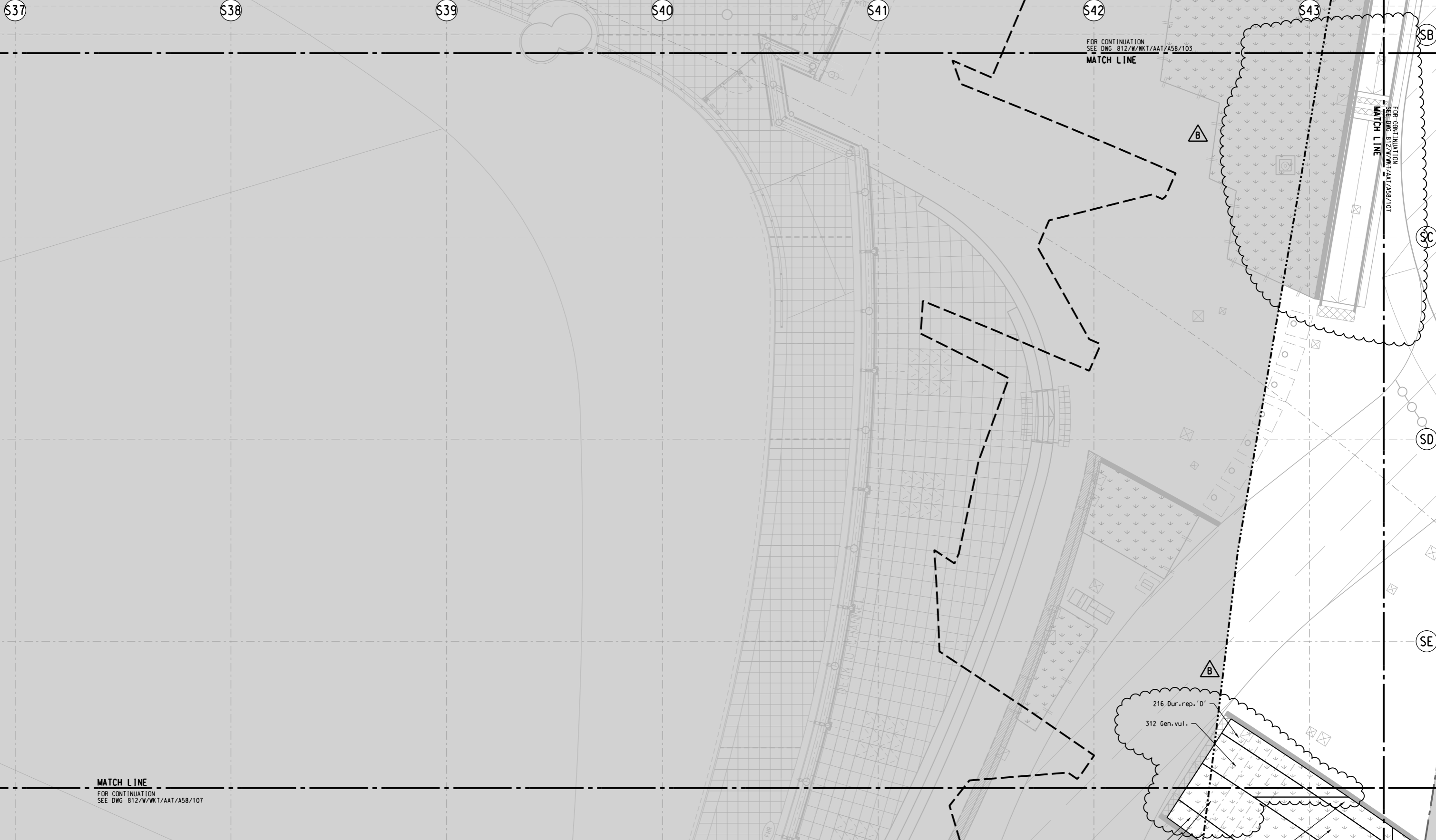
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B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB12	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK
 AECOM Aedas
 ORIGINATOR
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT
 CADD REF. 812_W_WKT_AAT_A58_104B.dgn

TITLE
**CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
 SHRUB PLANTING PLAN
 (SHEET 4 OF 20)**

SCALE 1 : 100 @ A1
 DRAWING NO. 812/W/WKT/AAT/A58/104
 REV. B

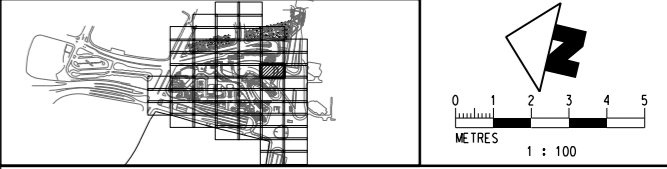


MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/107

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/103
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/107
MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_105B.dgn

TITLE

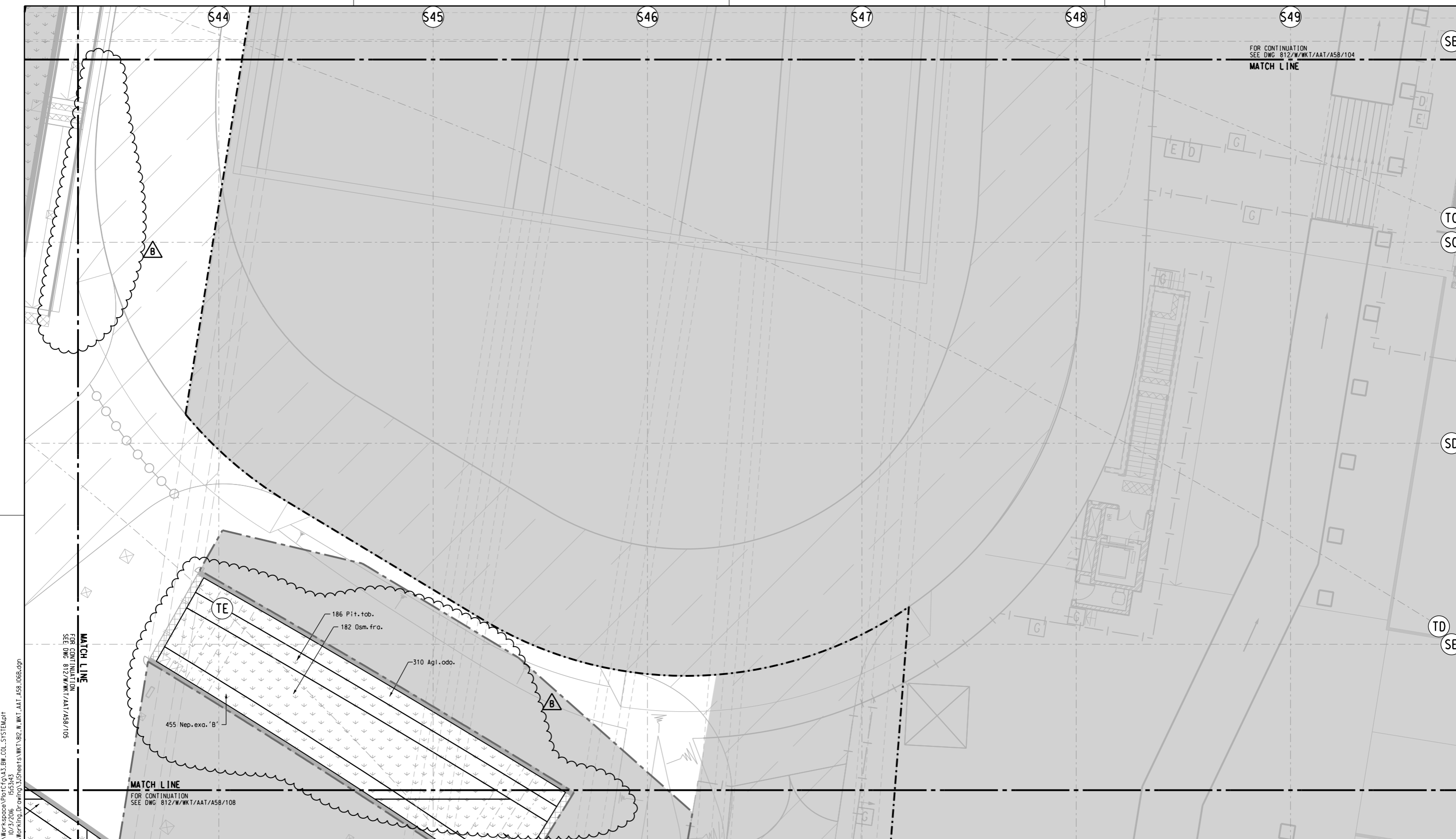
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 5 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/105

REV. B

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FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/104
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/105

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/108

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

1 : 100

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DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

● AECOM ● AEDAS ● MEINHARDT ● MVA ● BURO HAPPOLD ● EDWA ● MOTT

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 6 OF 20)**

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

CADD REF.	812_W_WKT_AAT_A58_106B.dgn
SCALE	1 : 100 @ A1
DRAWING NO.	812/W/WKT/AAT/A58/106
REV.	B

S37

S38

S39

S40

S41

S42

S43

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/105
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/109

- 628 Sch.arb.
- 296 Pit.fab.
- 1233 Ixo.chi.
- 109 Osm.fra.
- 283 Agl.odo.
- 121 Gen.vul.
- 458 Dur.rep.'D'
- 1602 Dia.ens.'W'
- 400 Rho.pul.
- 1133 Gen.vul.
- 78 Bru.cal.
- 68 Lor.chi.'R'
- 1060 Rho.ind.
- 455 Rho.pul.
- 674 Dur.rep.'D'
- 217 Hib.Ros.
- 98 Rho.igg.
- 270 Ser.ser.'W'
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- 204 Agl.odo.
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- 50 Osm.fra.
- 172 Nep.exa.'B'

SF

SG



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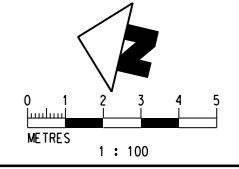
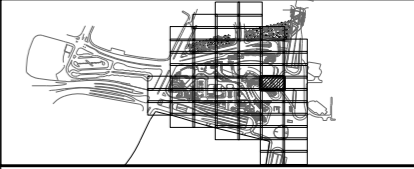
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FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/108
MATCH LINE

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

- LEGEND :
-  PLANTING AREA
 -  PLANTING CODE



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_107B.dgn

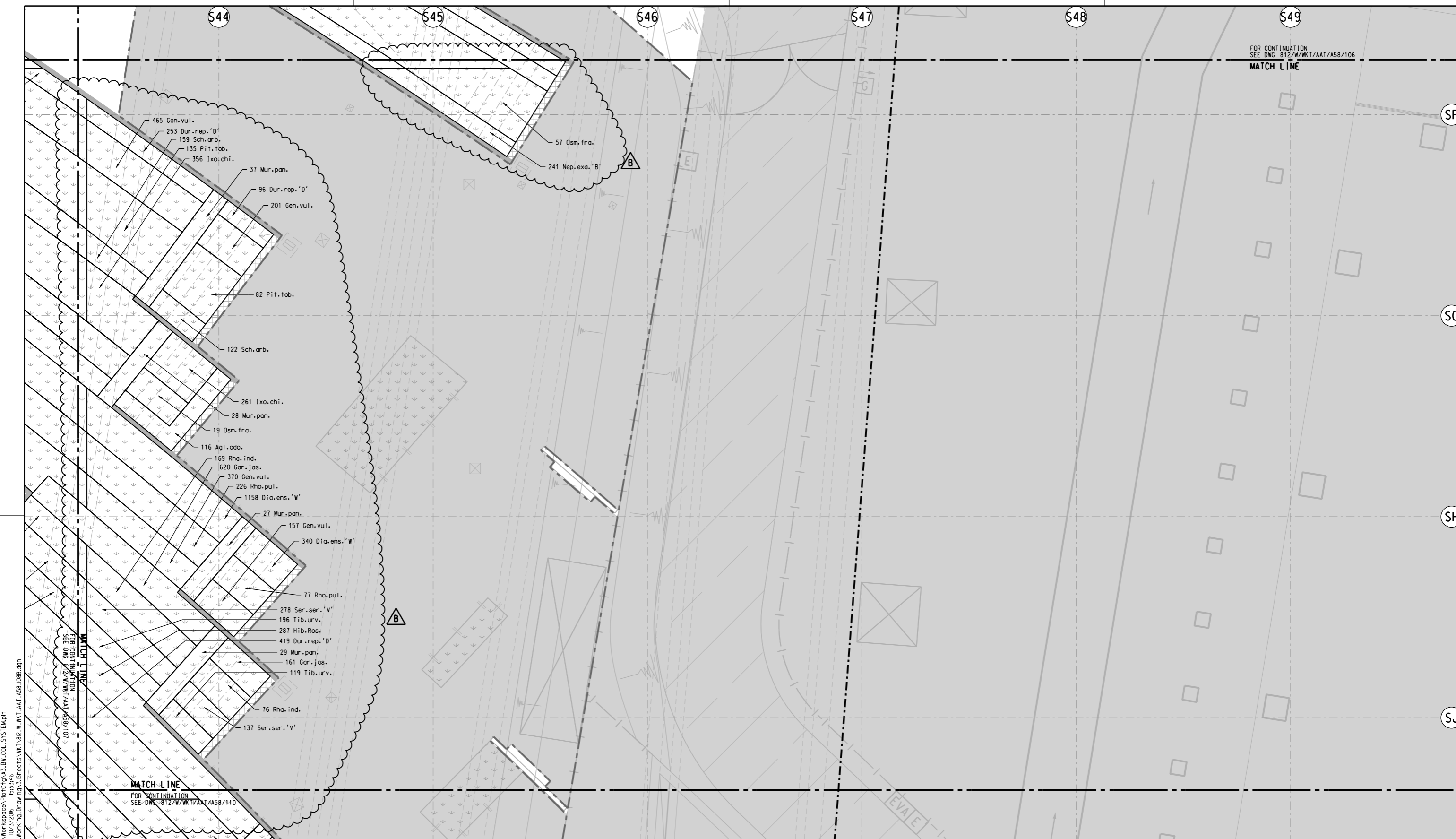
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 7 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/107

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/106
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/107

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/110

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 PRINTED BY: 15/03/2016
 PLOT DATE: 10/2/2016

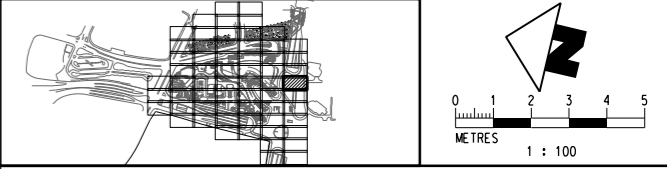
- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

Code
Quantity



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_108B.dgn

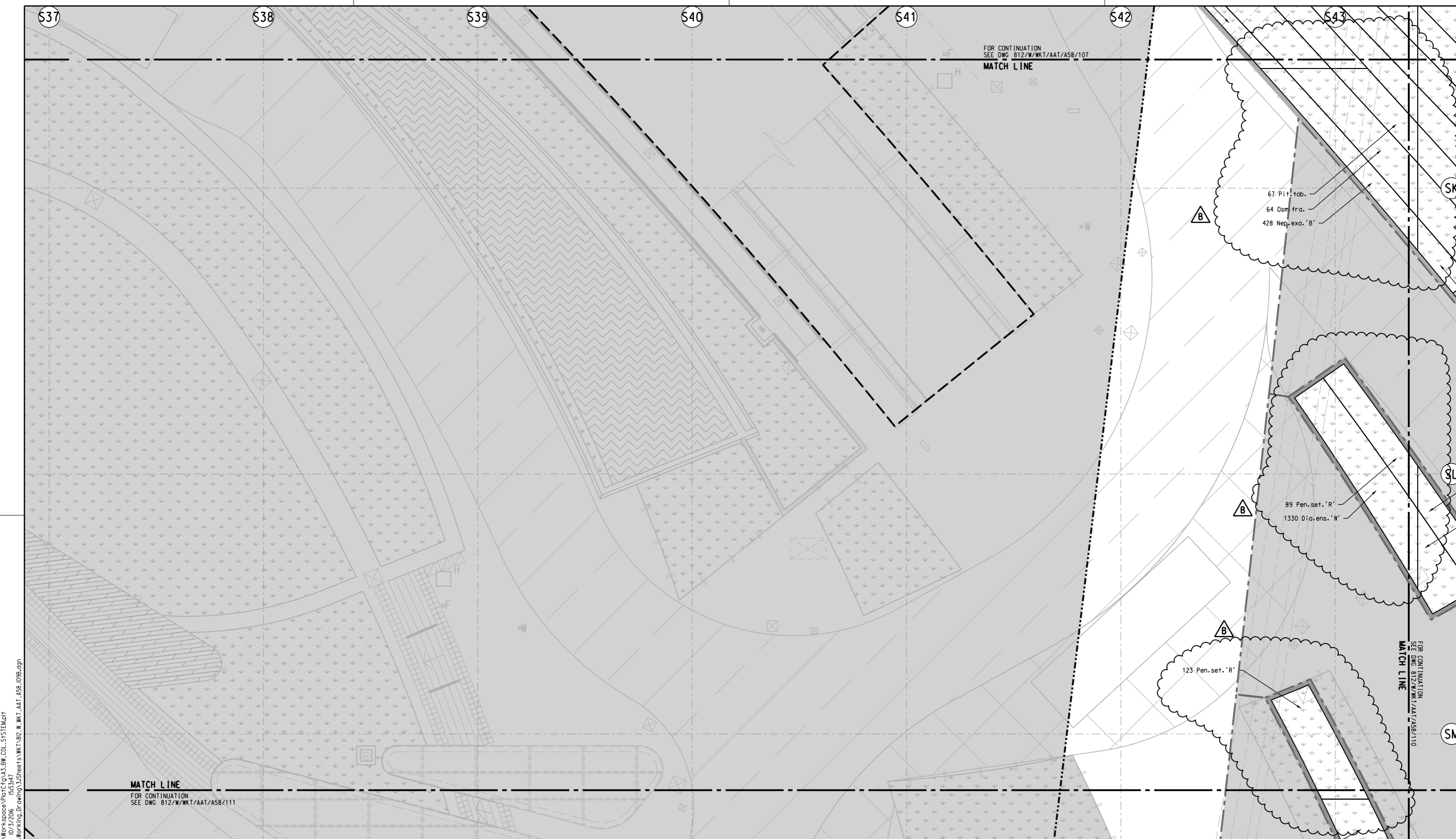
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 8 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/108

REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

Code
Quantity

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

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CADD REF. 812_W.WKT.AAT.A58_109B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 9 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/109

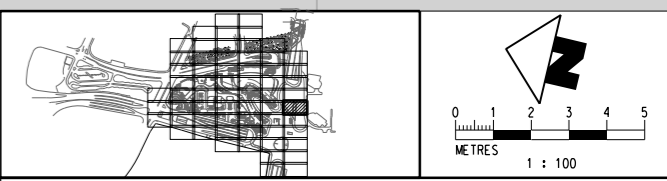
REV. B

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/108
MATCH LINE



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_110B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 10 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/110

REV. B



MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/114

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/109
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/112
MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DRAWN: FRANK LEE
DESIGNED: ANDY LEWIS
CHECKED: F MCGOLDRICK
APPROVED: KELVIN KO
DATE: 26OCT2012

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EXPRESS RAIL LINK

ORIGINATOR: **AECOM** **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_111B.dgn

TITLE: **CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 11 OF 20)**

SCALE: 1 : 100 @ A1
DRAWING NO.: 812/W/WKT/AAT/A58/111
REV. B

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 FILENAME:



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/110
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/111

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/115

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE

00 Xxx.xxx.
Code
Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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AECOM **Aedas**

ORIGINATOR

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CADD REF. 812_W_WKT_AAT_A58_112B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 12 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/112

REV. B

S31 S32 S33 S34 S35 S36 S37 S0

LIN CHEUNG ROAD

FOR CONTINUATION
SEE DWG. NO. 812/W/WKT/AAT/A58/114
MATCH LINE


S0
SR
SS


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FOR CONTINUATION
SEE DWG. 812/W/WKT/AAT/A58/116


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87 Agl.odo.

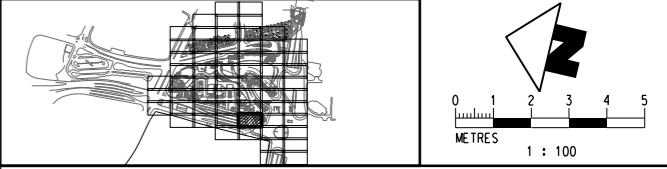
- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

 PLANTING AREA

 PLANTING CODE

 Quantity



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REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN FRANK LEE
 DESIGNED ANDY LEWIS
 CHECKED F MCGOLDRICK
 APPROVED KELVIN KO
 DATE 26OCT2012

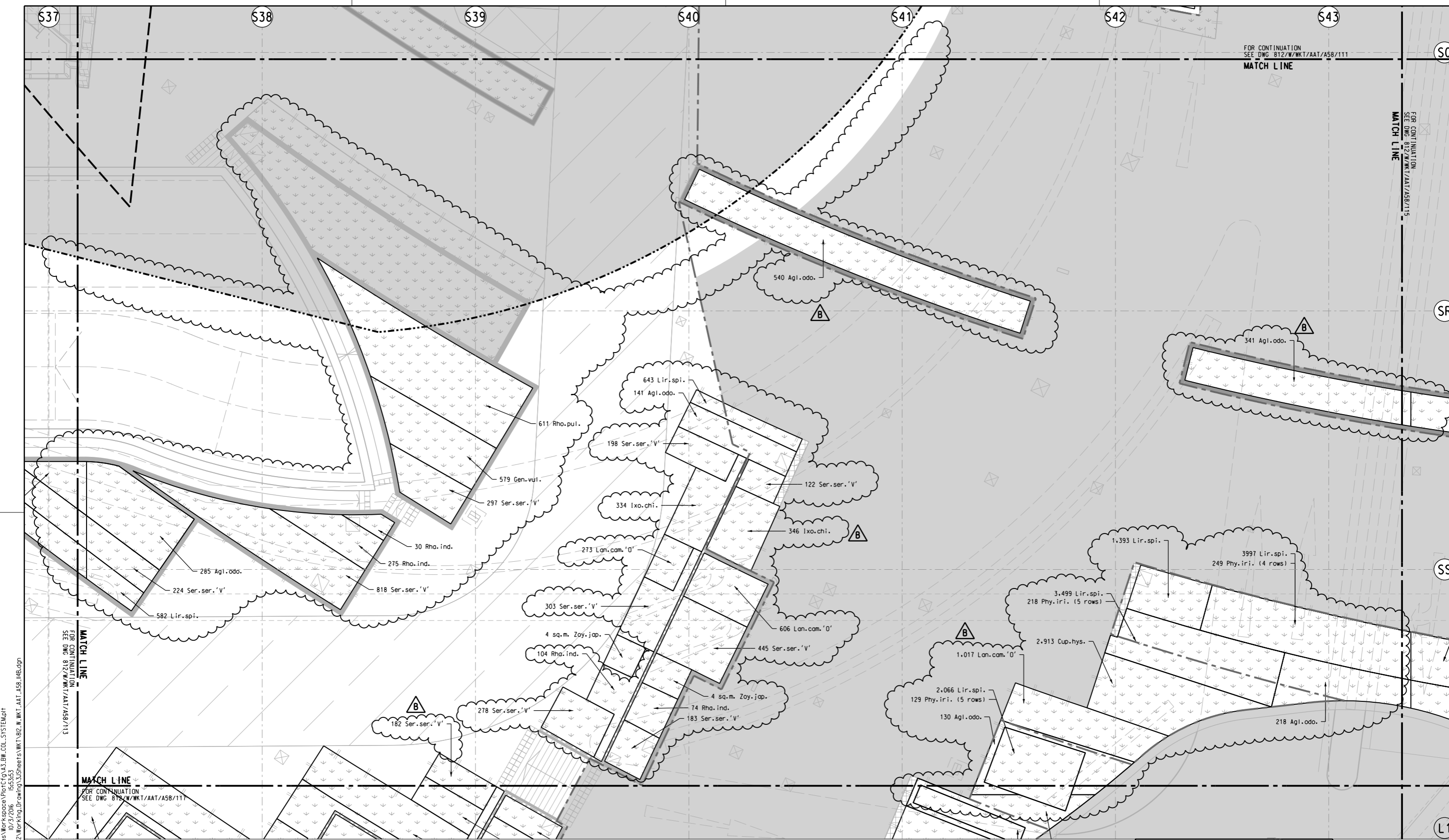


 EXPRESS RAIL LINK

 ORIGINATOR
 AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT
 CADD REF. 812_W_WKT_AAT_A58_113B.dgn

TITLE
**CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
 SHRUB PLANTING PLAN
 (SHEET 13 OF 20)**

SCALE 1 : 100 @ A1
 DRAWING NO. 812/W/WKT/AAT/A58/113
 REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
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A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

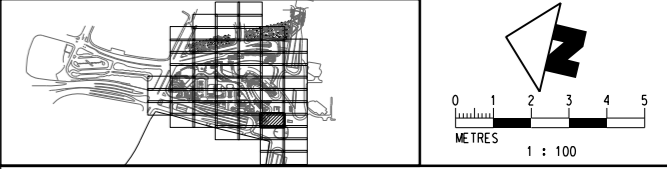
DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK

 ORIGINATOR

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 CADD REF. 812_W.WKT_AAT_A58_114B.dgn



TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 14 OF 20)

SCALE 1 : 100 @ A1
 DRAWING NO. 812/W/WKT/AAT/A58/114
 REV. B

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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CADD REF. 812_W_WKT_AAT_A58_115B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 15 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/115

REV. B

S31

S32

S33

S34

S35

S36

S37

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/113

MATCH LINE



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/113
MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

00 Xxx.xxx.
Quantity Code

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 26OCT2012

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ORIGINATOR: **AECOM** **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_116B.dgn

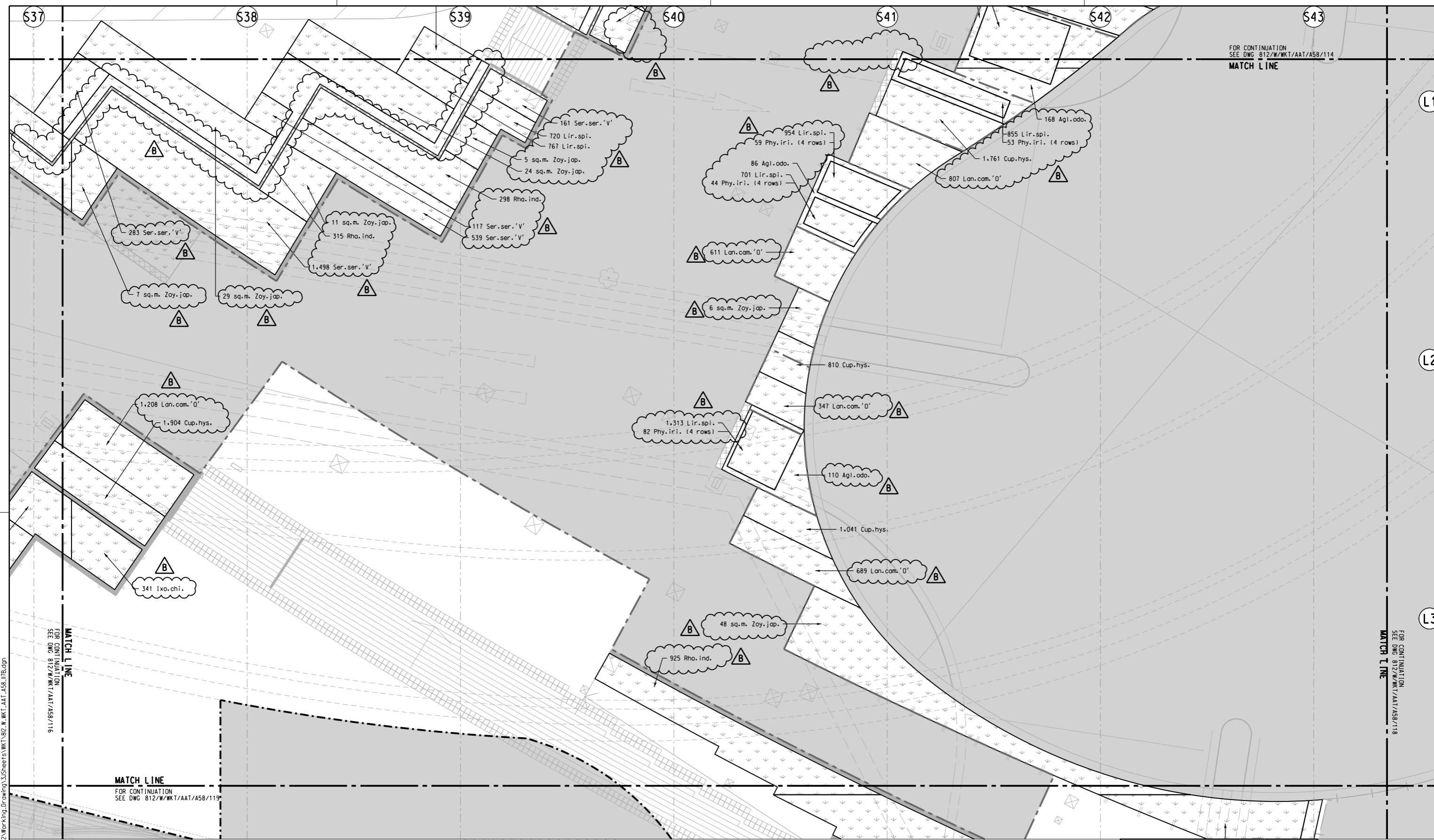
TITLE: **CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 16 OF 20)**

SCALE: 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/116

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA
	PLANTING CODE
	Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK

ORIGINATOR

AECOM
 AEDAS
 MEINHARDT
 MVA
 BURO HAPPOLD
 EDWA
 MOTT

CADD REF. 812_W.WKT_AAT_A58_117B.dgn

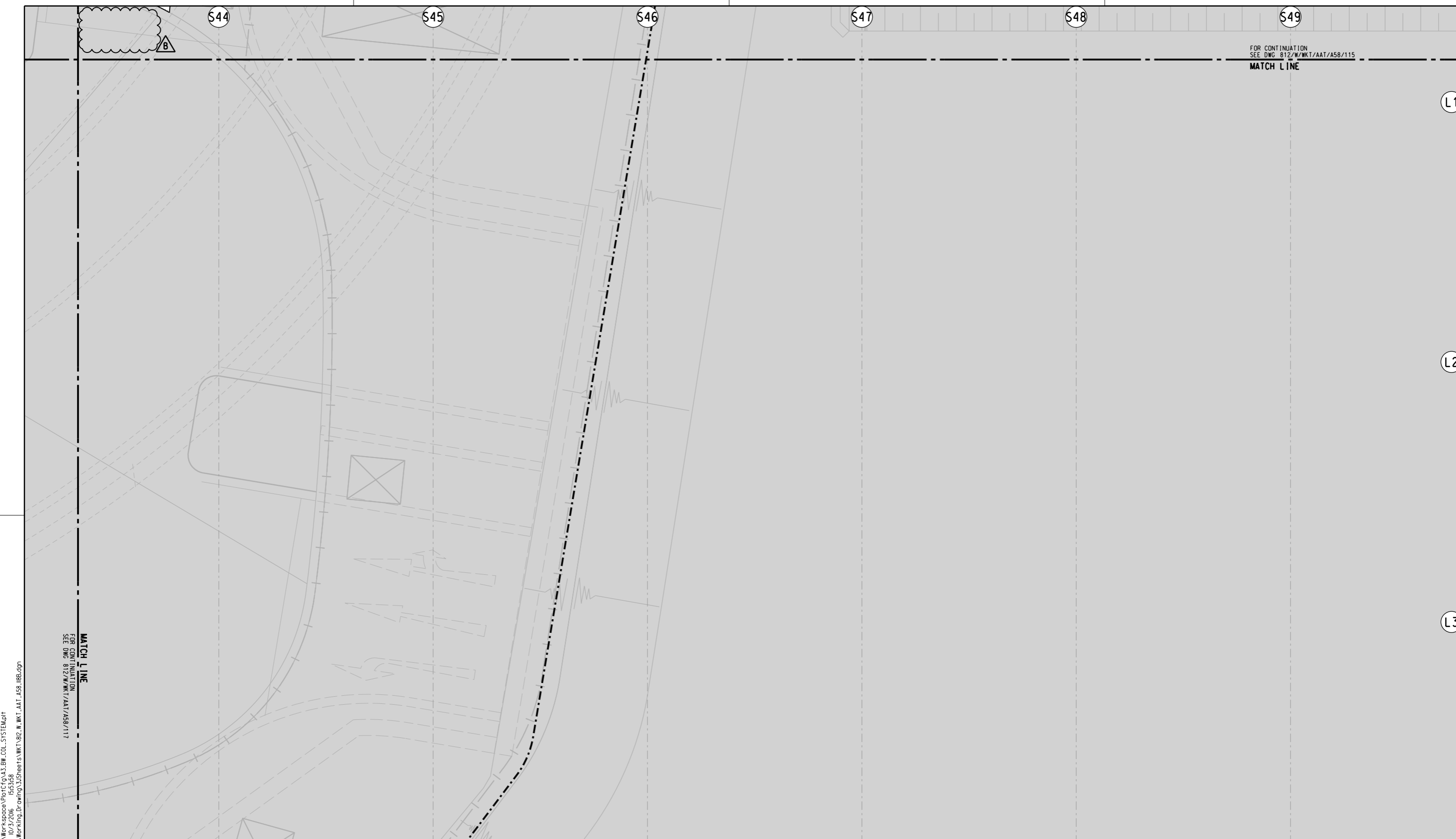
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 17 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/117

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/115
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/117

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

1 : 100

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REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT

CADD REF. 812_W_WKT_AAT_A58_118B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
 WORKS FOR WEST KOWLOON TERMINUS
 PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
 SHRUB PLANTING PLAN
 (SHEET 18 OF 20)**

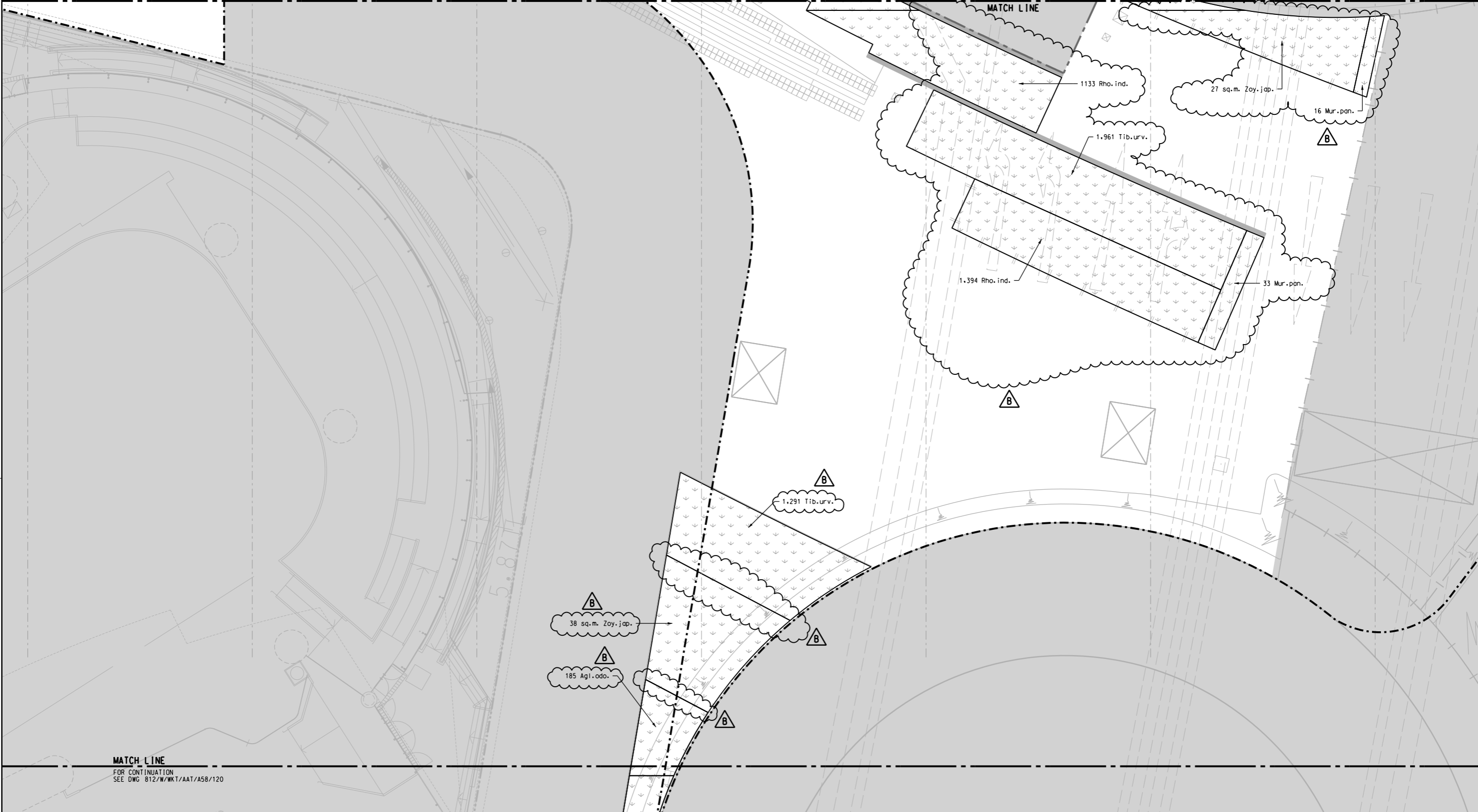
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REV. B

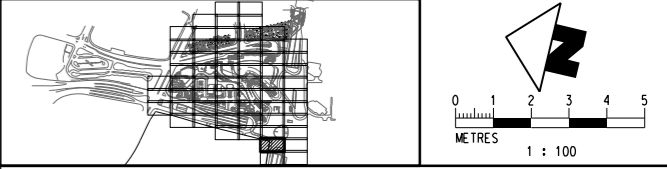
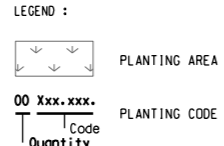
S37 S38 S39 S40 S41 S42 S43

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/117#
MATCH LINE



MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/120

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.



DRAWN FRANKI LEE DESIGNED ANDY LEWIS CHECKED F MCGOLDRICK APPROVED KELVIN KO DATE 26OCT2012								TITLE CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING PLAN (SHEET 19 OF 20)						
ORIGINATOR 				SCALE 1 : 100 @ A1				DRAWING NO. 812/W/WKT/AAT/A58/119						
CADD REF. 812_W_WKT_AAT_A58_119B.dgn				REV. B				DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE REPORTED 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.						
REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK	A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

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S37

S38

S39

S40

S41

S42

S43

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/119
MATCH LINE

477 Agl.odo.

B

L7


L8


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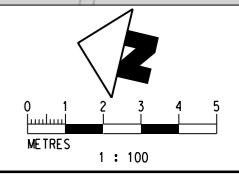
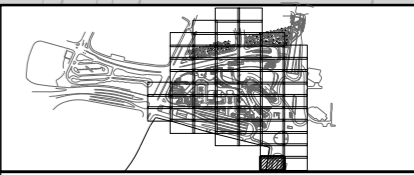
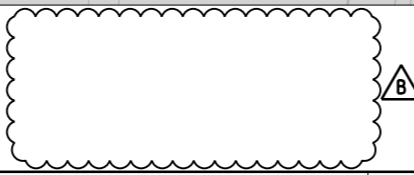
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- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

 PLANTING AREA

 PLANTING CODE

OO Xxx.xxx.
Code
Quantity



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING QUANTITY REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_120B.dgn

TITLE

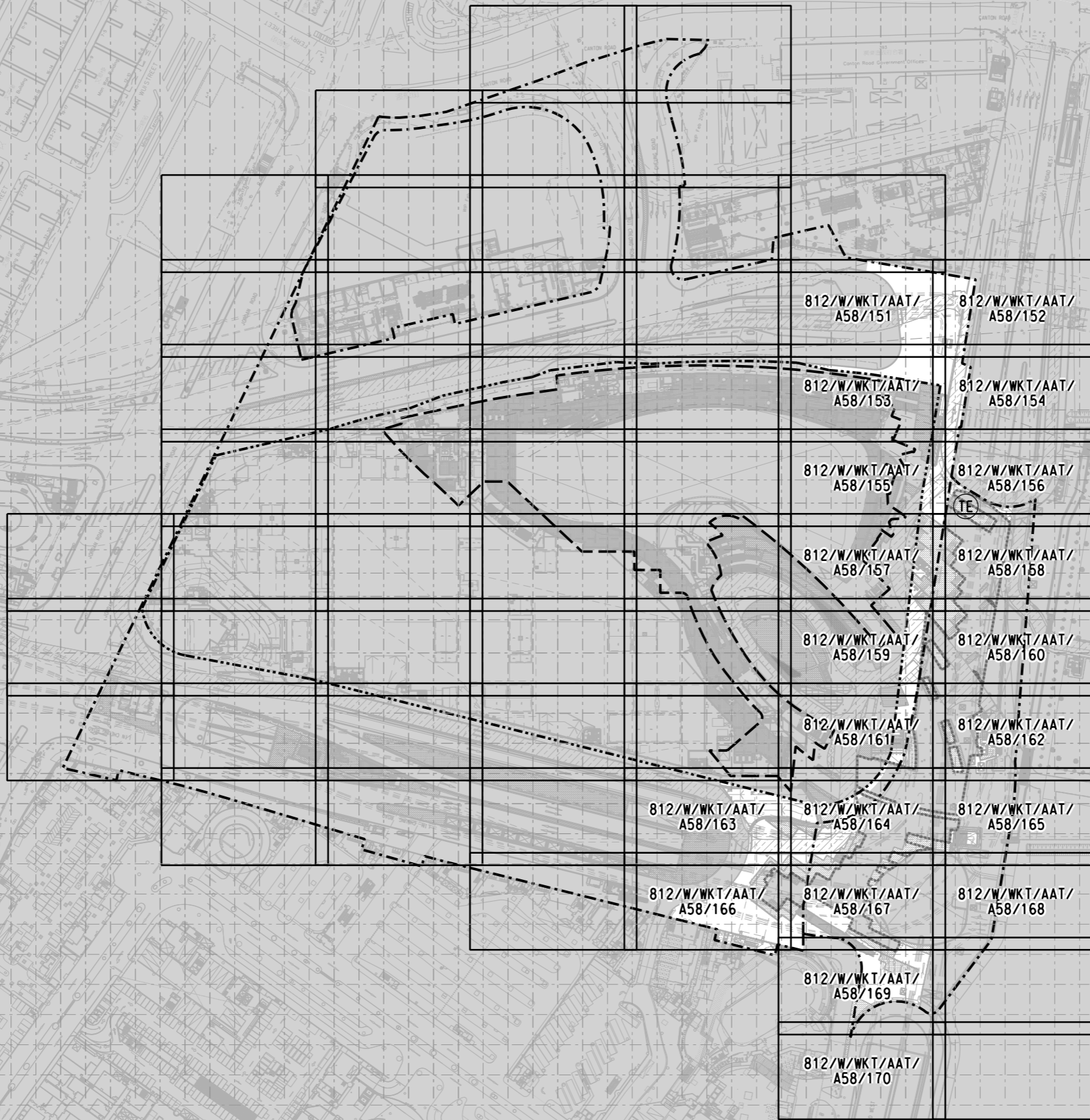
**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
SHRUB PLANTING PLAN
(SHEET 20 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/120

REV. B

S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58

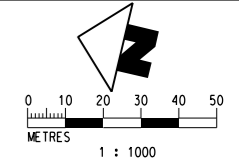


SA
SB
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SR
SS
L1
L2
L3
L4
L5
L6
L7
L8
L9

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NOTES :
 1. FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.

LEGEND :
 - - - - BOUNDARY



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND ADDED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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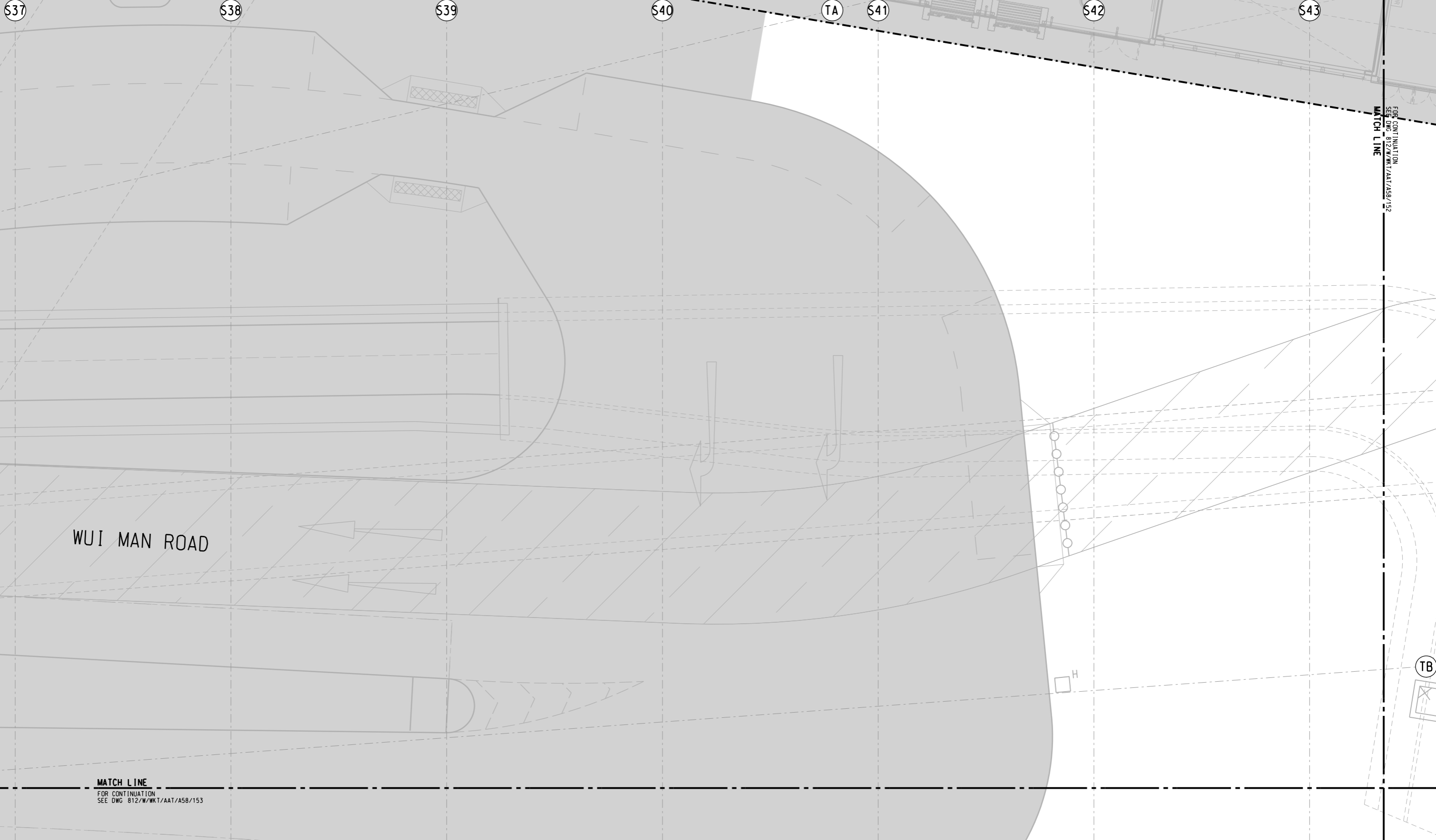
DRAWN: FRANK LEE
 DESIGNED: ANDY LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 26OCT2012

MTR
 EXPRESS RAIL LINK
 ORIGINATOR: AECOM Aedas
 ○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W.WKT.AAT.A58-150B.dgn

TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEETS DIVISION)

SCALE: 1 : 1200 @ A1
 DRAWING NO.: 812/W/WKT/AAT/A58/150
 REV. B



- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

Quantity

TREE

0 1 2 3 4 5 METRES 1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB13	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

● AECOM ● AEDAS ● MEINHARDT ● MVA ● BURO HAPPOLD ● EDWA ● MOTT

CADD REF. 812_W_WKT_AAT_A58_151B.dgn

TITLE

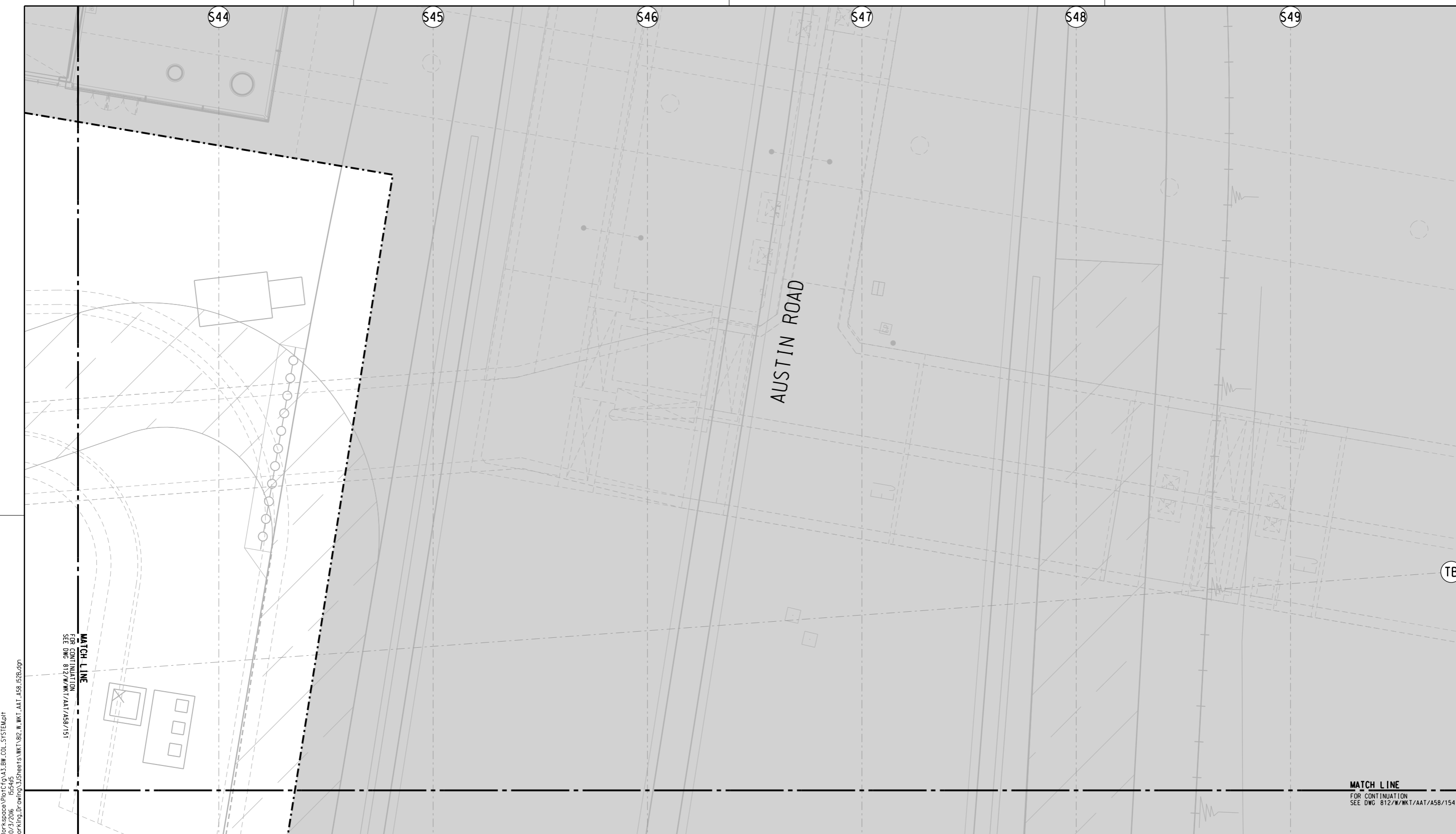
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 1 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/151

REV. B

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MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/151

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/154

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
00 xxx.xxx	PLANTING CODE		
	Quantity		

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_152B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 2 OF 20)

SCALE 1 : 100 @ A1

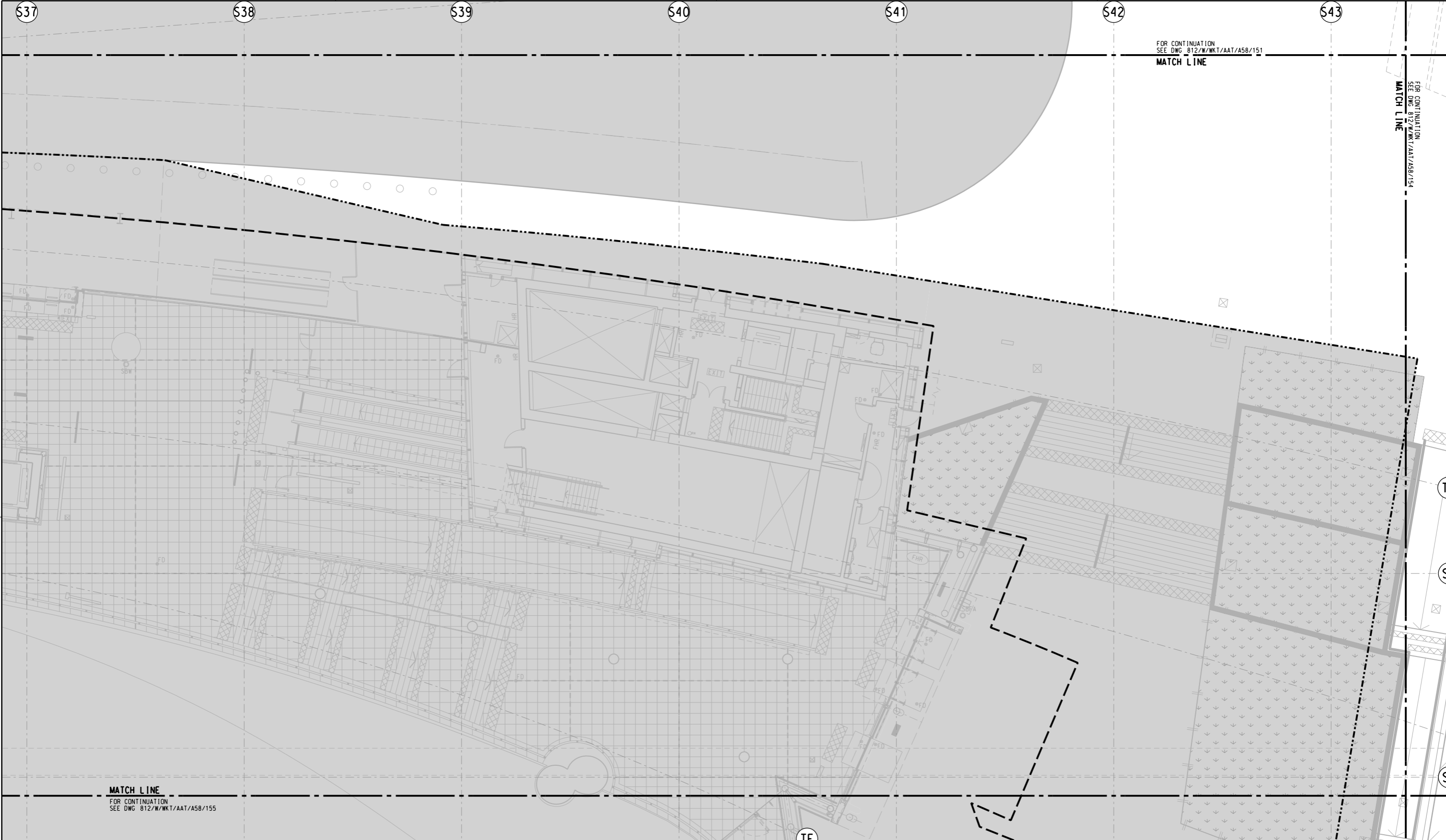
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REV. B

S37 S38 S39 S40 S41 S42 S43

FOR CONTINUATION
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MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/154
MATCH LINE



TC
SA
SB

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/155

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB11	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE	 EXPRESS RAIL LINK ORIGINATOR <input type="radio"/> AECOM <input type="radio"/> AEDAS <input type="radio"/> MEINHARDT <input type="radio"/> MVA <input type="radio"/> BURO HAPPOLD <input checked="" type="radio"/> EDAW <input type="radio"/> MOTT
DESIGNED	ANDY LEWIS	
CHECKED	F MCGOLDRICK	
APPROVED	KELVIN KO	
DATE	26OCT2012	
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CADD REF.		812_W_WKT_AAT_A58_153B.dgn

TITLE

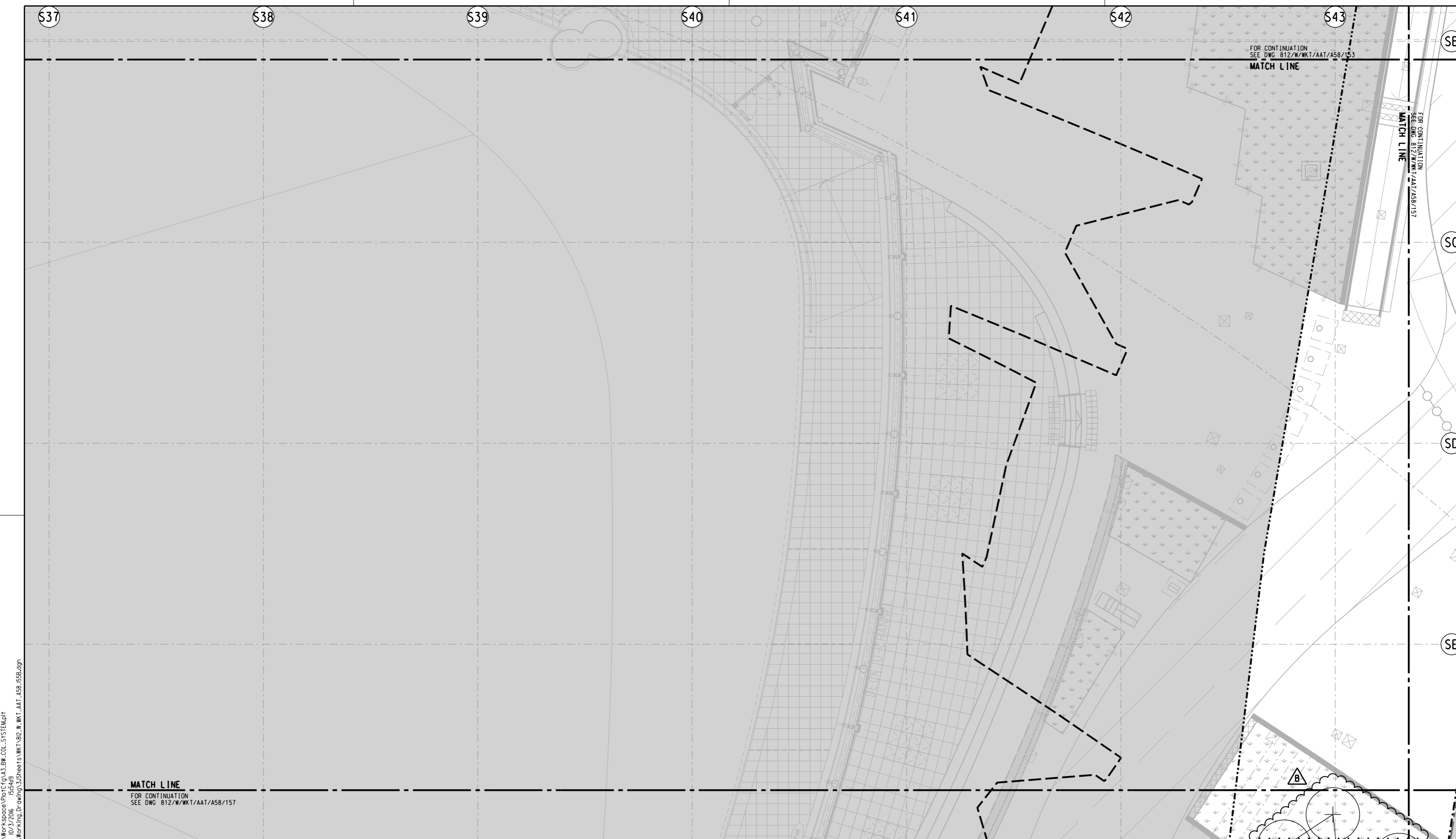
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 3 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/153

REV. B

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MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/157

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/153
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/151
MATCH LINE

- NOTES :**
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	00 xxx.xxx. Code Quantity		

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_155B.dgn

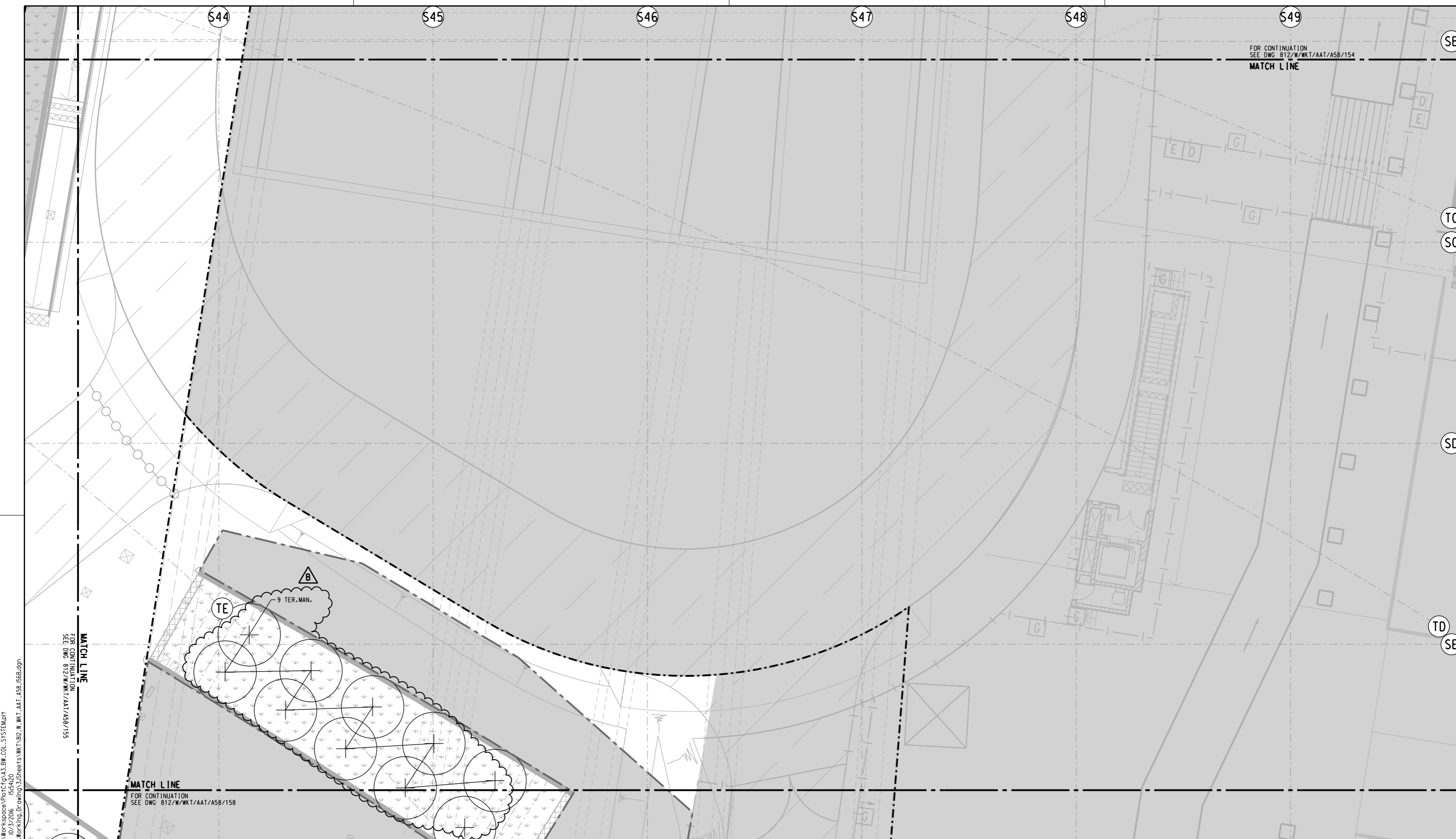
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CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 5 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/155

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/154
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/155

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/158

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
00 xxx.xxx	PLANTING CODE		
Quantity			

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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AECOM **Aedas**

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_156B.dgn

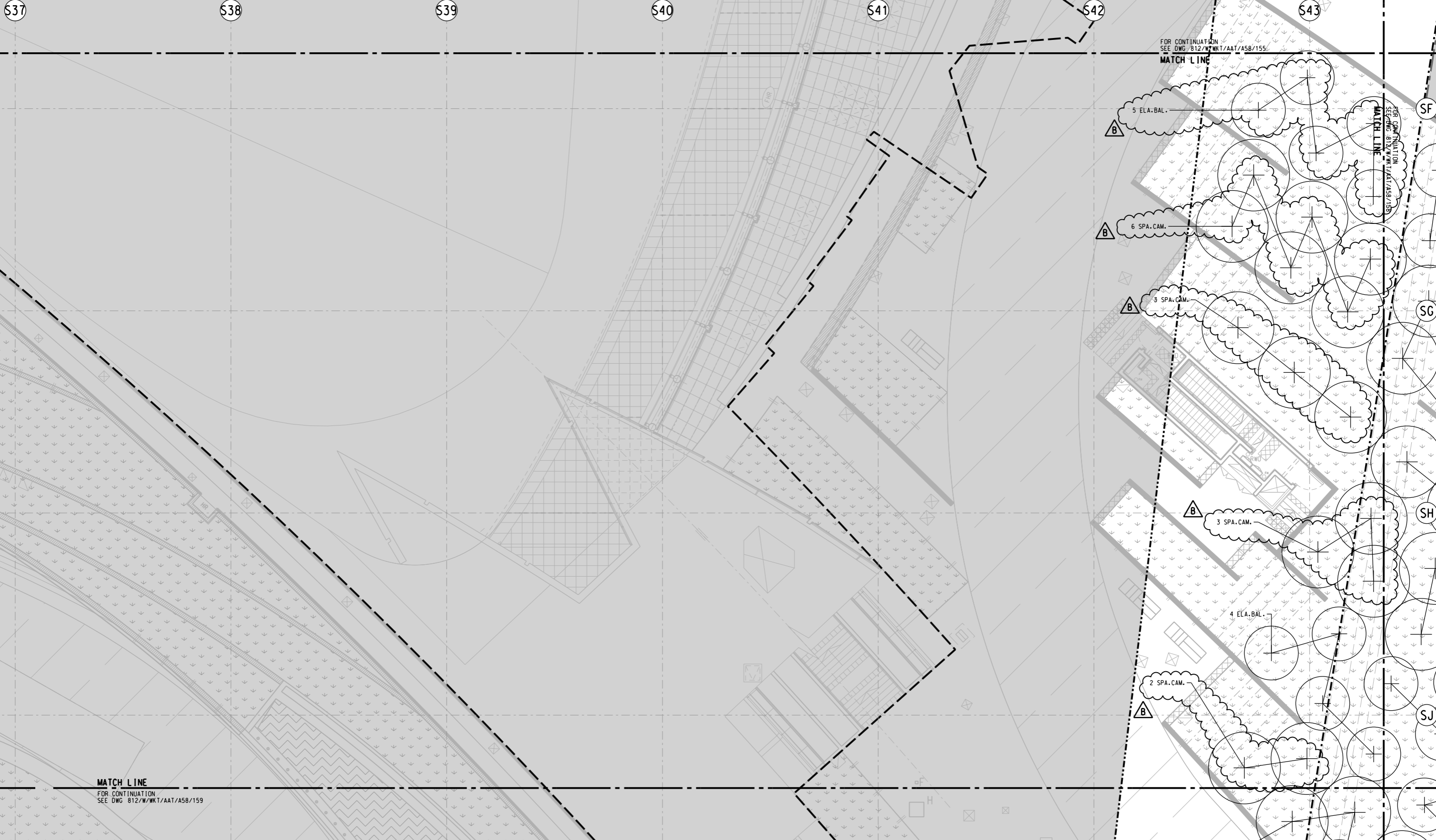
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CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 6 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/156

REV. B



MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/159

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/155
MATCH LINE

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
00 xxx.xxx	PLANTING CODE		
	Quantity		

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK
 ORIGINATOR

 CADD REF. 812_W_WKT_AAT_A58_157B.dgn

1 : 100

TITLE
CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 7 OF 20)
 SCALE 1 : 100 @ A1
 DRAWING NO. 812/W/WKT/AAT/A58/157
 REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/156
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/160

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

Code
Quantity

B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK I LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDWA ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_158B.dgn

SCALE 1 : 100 @ A1

METRES 1 : 100

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 8 OF 20)

DRAWING NO. 812/W/WKT/AAT/A58/158

REV. B

S37

S38

S39

S40

S41

S42

S43

FOR CONTINUATION
SEE DWG. 812/W/WKT/AAT/A58/157
MATCH LINE


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MATCH LINE


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
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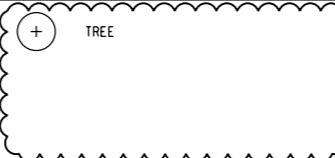
- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

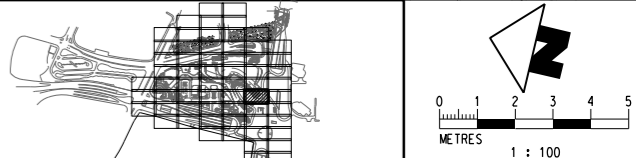
LEGEND :

 PLANTING AREA

 **00 xxx.xxx.** PLANTING CODE

 Quantity

 TREE



0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

 **MTR**

EXPRESS RAIL LINK

ORIGINATOR

  **AECOM Aedas**

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT

CADD REF. 812_W_WKT_AAT_A58_159B.dgn

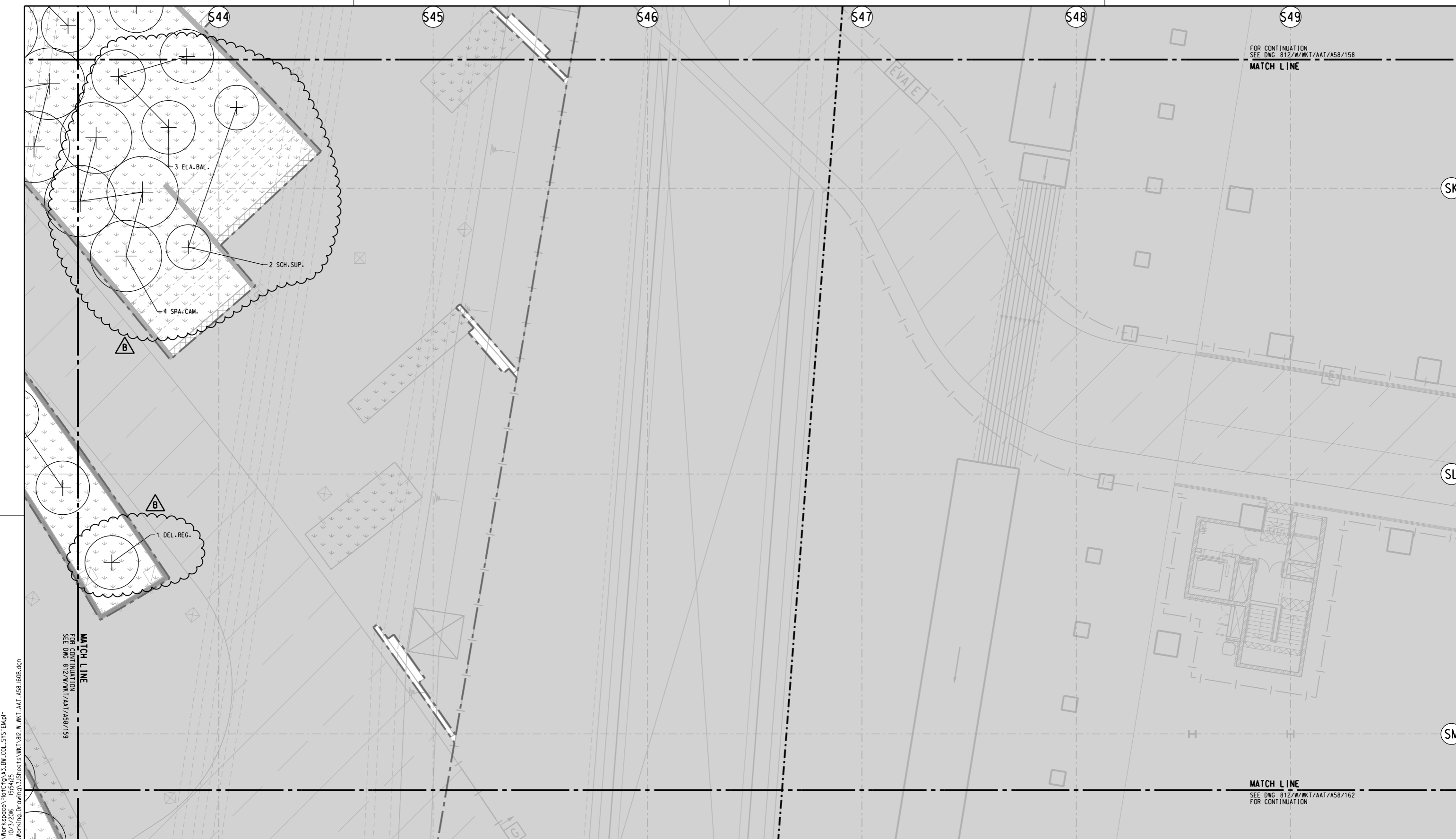
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 9 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/159

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/158
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/159

MATCH LINE
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FOR CONTINUATION

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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK

ORIGINATOR

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDAW MOTT

CADD REF. 812_W_WKT_AAT_A58_160B.dgn

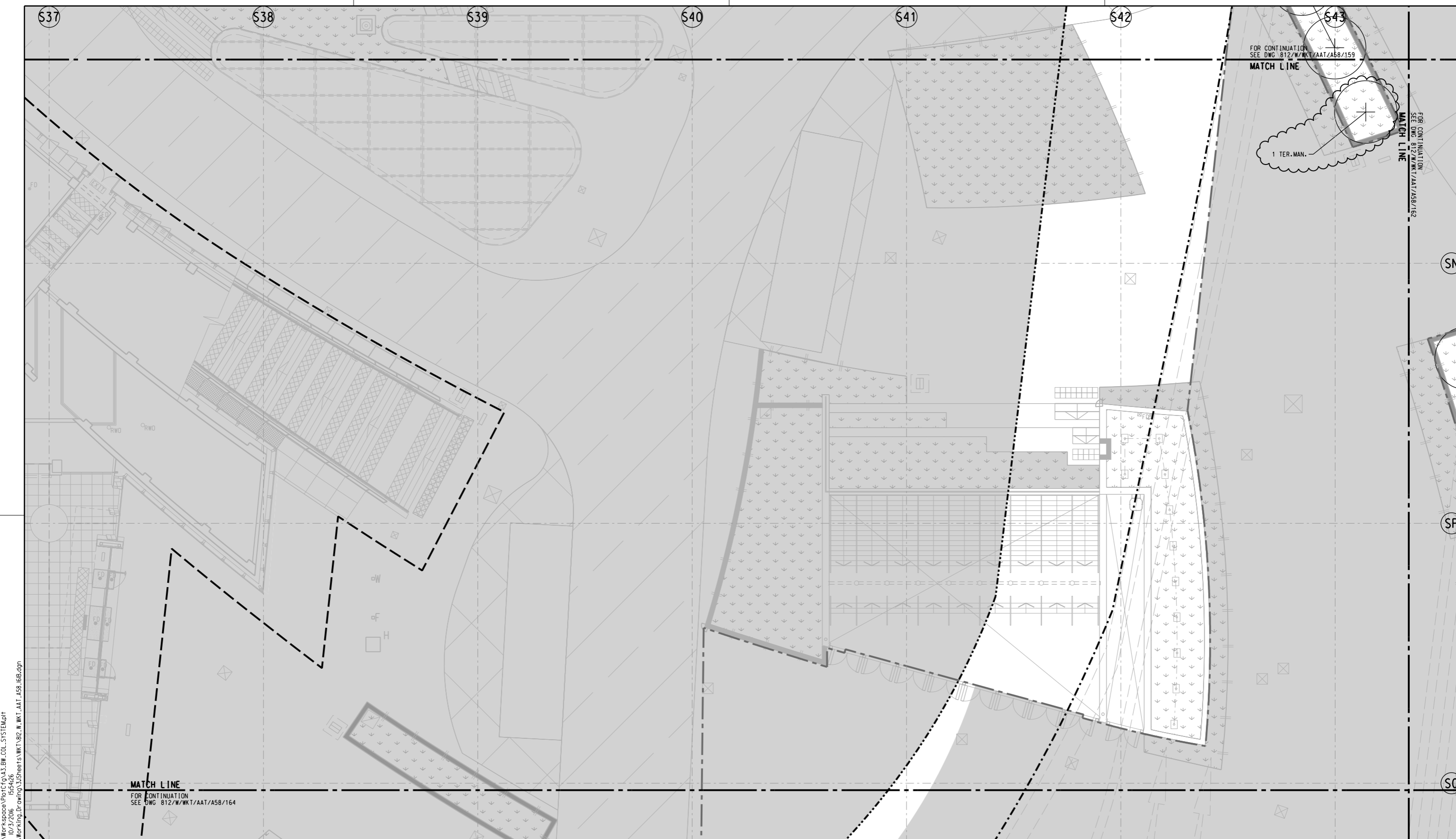
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 10 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/160

REV. B



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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

TREE

PLANTING CODE

Quantity

0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W.WKT.AAT.A58.161B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 11 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/161

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/160
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/161

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/165

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 PRINTED BY: 1554627
 DATE: 10/27/2016

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_162B.dgn

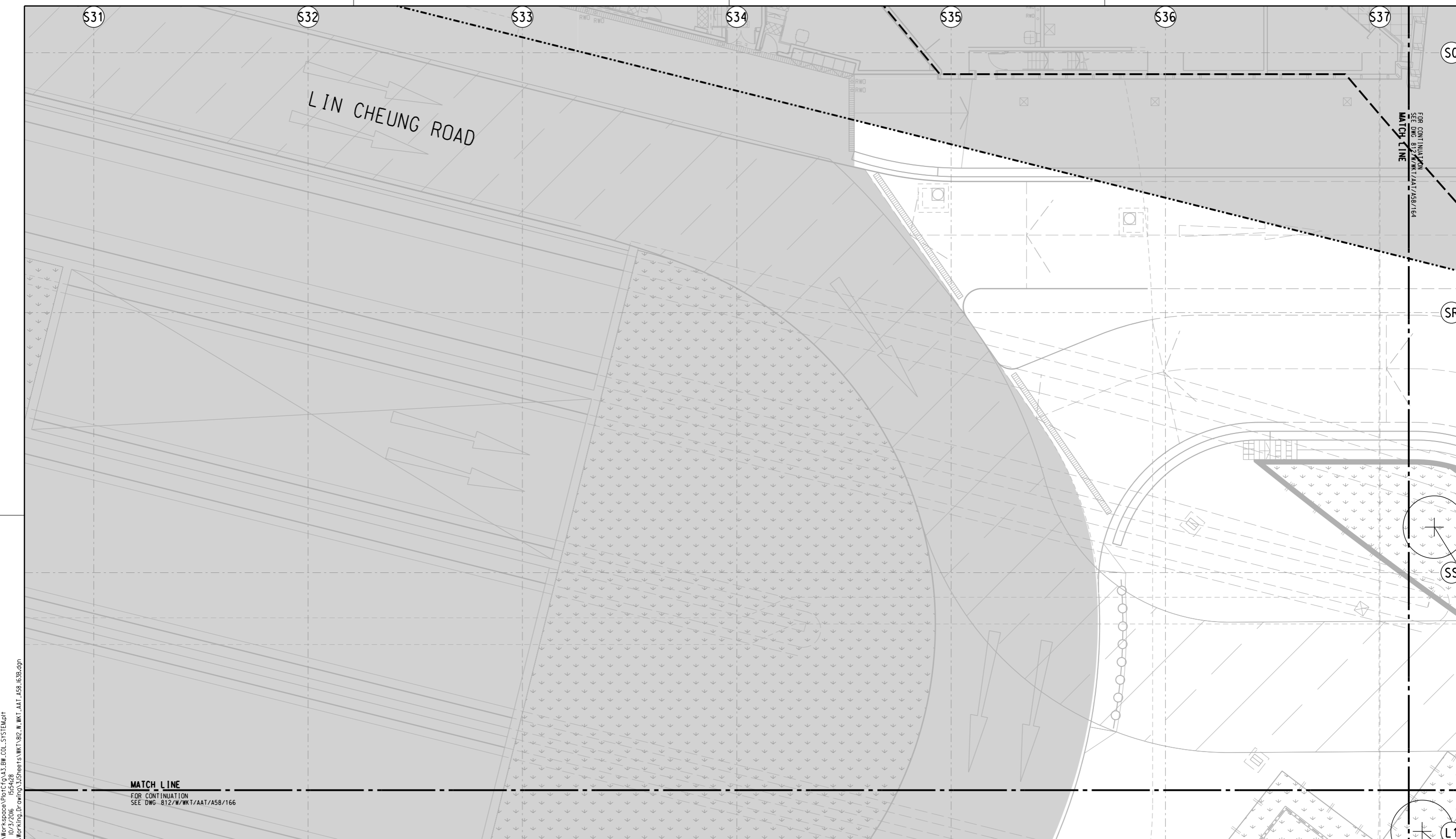
TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 12 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/162

REV. B



MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/166

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- NOTES :**
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA
 TREE
 PLANTING CODE
 Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

MTR

EXPRESS RAIL LINK

AECOM **Aedas**

ORIGINATOR

AECOM
 AEDAS
 MEINHARDT
 MVA
 BURO HAPPOLD
 EDAW
 MOTT

CADD REF. 812_W_WKT_AAT_A58_163B.dgn

TITLE

CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 13 OF 20)

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/163

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/161
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/165
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/163

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/167

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

Code
Quantity

0 1 2 3 4 5
METRES
1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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ORIGINATOR

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CADD REF. 812_W_WKT_AAT_A58_164B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 14 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/164

REV. B

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3 TER. MAN.

S44

S45

S46

S47

S48

S49

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/162
MATCH LINE

SQ

SR

SS


L1


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FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/168


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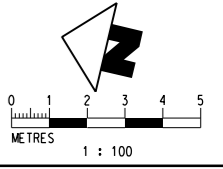
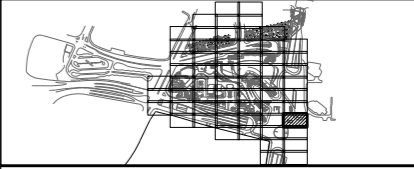
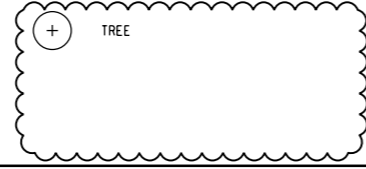
- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

 PLANTING AREA

 PLANTING CODE

 Quantity



REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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ORIGINATOR

AECOM **Aedas**

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CADD REF. 812_W_WKT_AAT_A58_165B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 15 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/165

REV. B

S31

S32

S33

S34

S35

S36

S37

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/163

MATCH LINE



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/163
MATCH LINE

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

00 xxx.xxx.
Quantity

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REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

EXPRESS RAIL LINK

ORIGINATOR

● AECOM ● AEDAS ● MEINHARDT ● MVA ● BURO HAPPOLD ● EDWA ● MOTT

CADD REF. 812_W_WKT_AAT_A58_166B.dgn

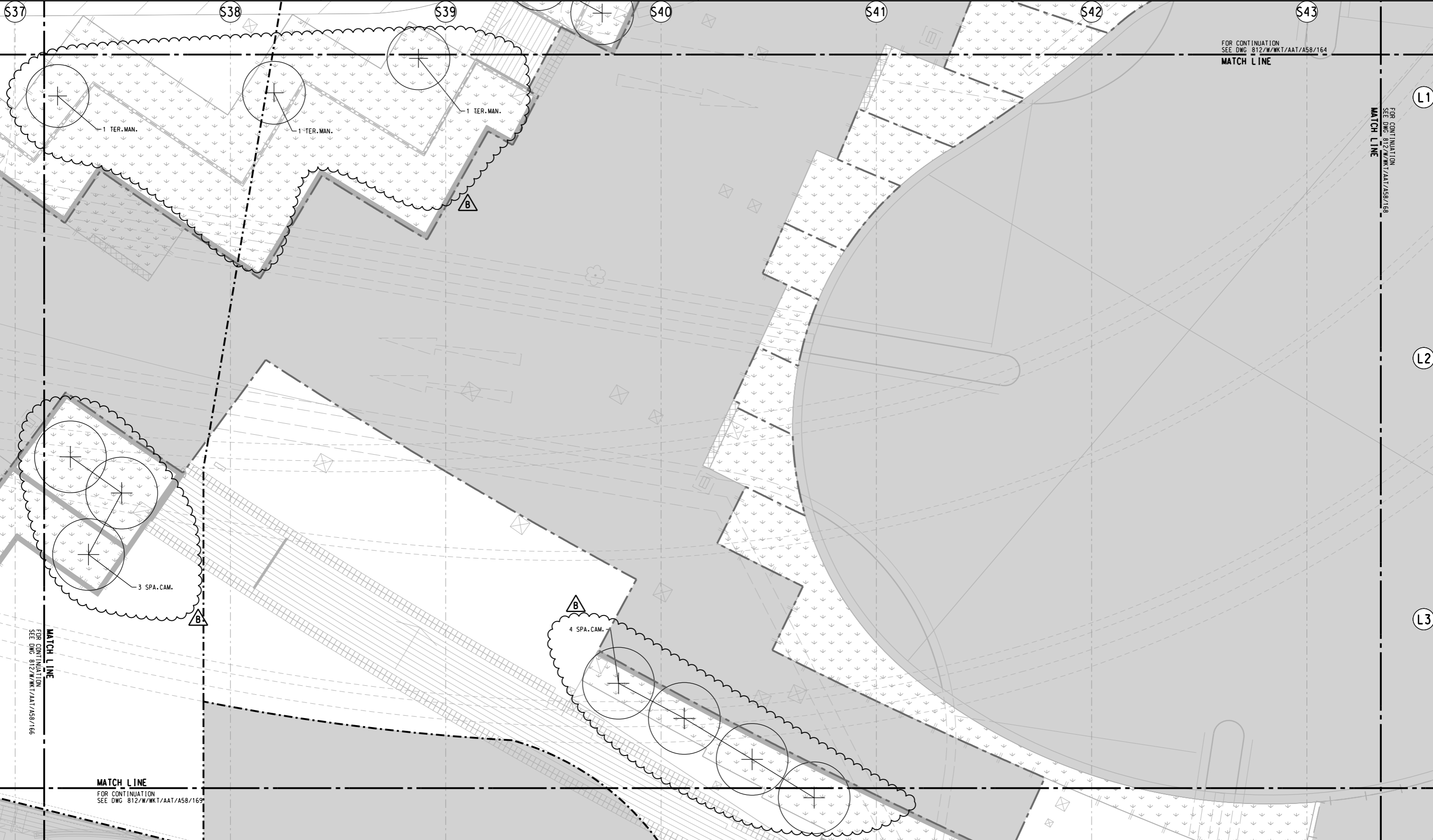
TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 16 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/166

REV. B



FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/164
MATCH LINE

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/168
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/166

MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/169

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

	PLANTING AREA		TREE
	PLANTING CODE		
	Quantity		

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

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DESIGNED: ANDY LEWIS
CHECKED: F MCGOLDRICK
APPROVED: KELVIN KO
DATE: 26OCT2012

MTR

EXPRESS RAIL LINK

ORIGINATOR: **AECOM** **Aedas**

CADD REF.: 812_W_WKT_AAT_A58_167B.dgn

TITLE: **CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 17 OF 20)**

SCALE: 1 : 100 @ A1
DRAWING NO.: 812/W/WKT/AAT/A58/167
REV: B

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S44

S45

S46

S47

S48

S49

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/165
MATCH LINE

L1

L2


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
MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/167


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
- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

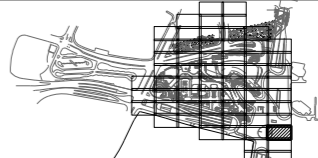


LEGEND :

 PLANTING AREA

 **00 xxx.xxx.** PLANTING CODE

 TREE

 Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK					
A	WORKING DRAWING ISSUE	FM	12AUG13	KK					

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

 EXPRESS RAIL LINK

ORIGINATOR

AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT

CADD REF. 812_W_WKT_AAT_A58_168B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 18 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/168

REV. B

S37

S38

S39

S40

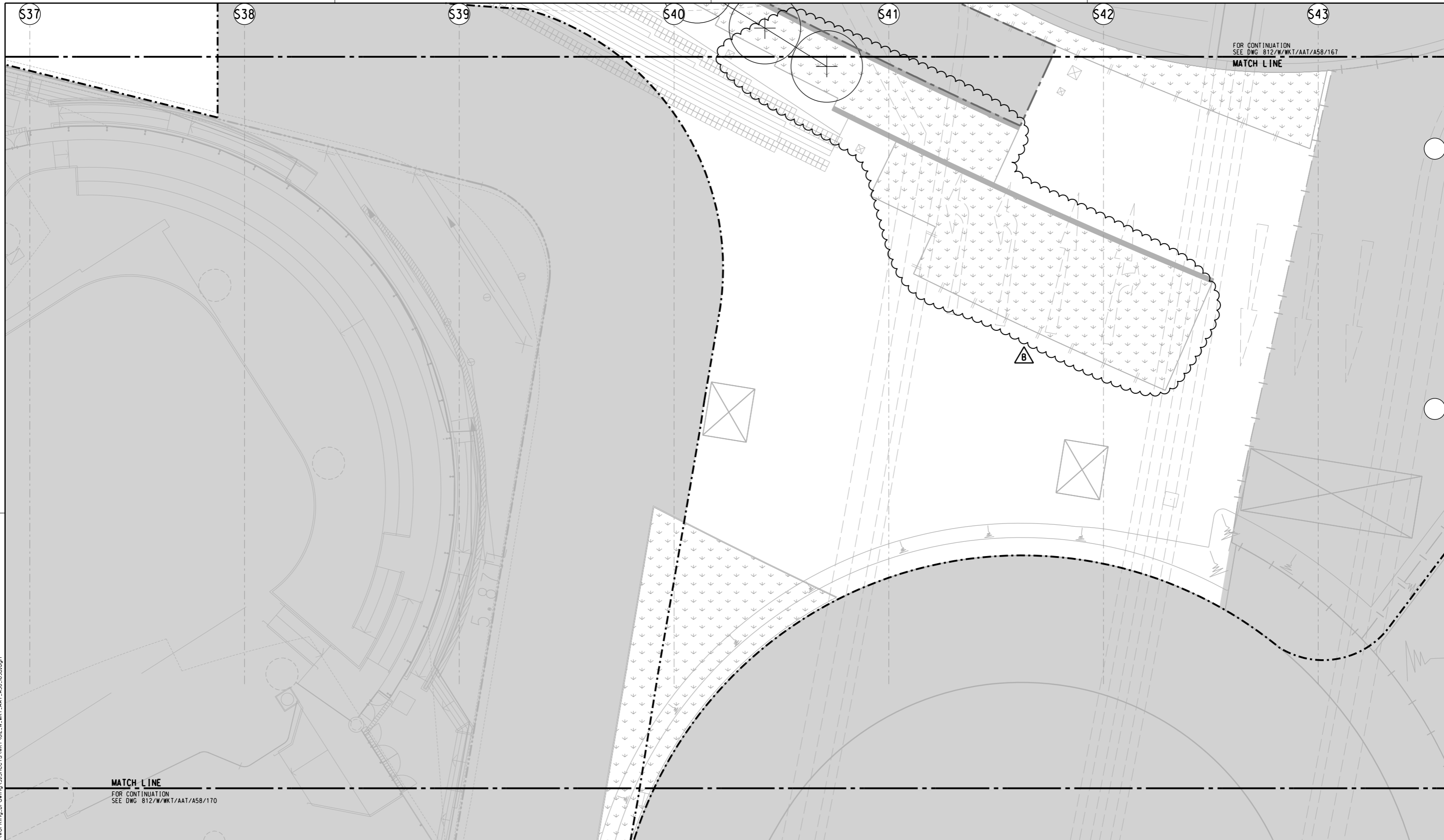
S41

S42

S43

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/167

MATCH LINE



MATCH LINE
FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/170

- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

LEGEND :

PLANTING AREA

PLANTING CODE

TREE

Quantity

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REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES, LEGEND AND PLANTING DESIGN REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

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AECOM **Aedas**

ORIGINATOR

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CADD REF. 812_W_WKT_AAT_A58_169B.dgn

Scale: 1 : 100

METRES 0 1 2 3 4 5

TITLE	CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING PLAN (SHEET 19 OF 20)
SCALE	1 : 100 @ A1
DRAWING NO.	812/W/WKT/AAT/A58/169
REV.	B

S37

S38

S39

S40

S41

S42

S43

FOR CONTINUATION
SEE DWG 812/W/WKT/AAT/A58/169
MATCH LINE

L7


L8


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- NOTES :
- FOR GENERAL NOTES REFER TO DRAWING 812/W/WKT/AAT/A58/005.
 - FOR PLANTING SCHEDULE PLEASE REFER TO PLANTING SCHEDULE DRAWING 812/W/WKT/AAT/A58/030.
 - FOR PLANTING DETAIL PLEASE REFER TO DRAWING 812/W/WKT/AAT/A58/900-904.

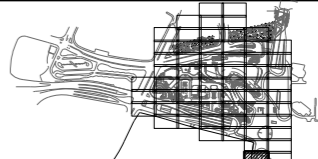

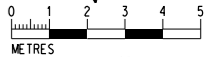
LEGEND :

 PLANTING AREA

 00 xxx.xxx. PLANTING CODE

 TREE

 Quantity

1 : 100

REV	DESCRIPTION	BY	DATE	APPROVED
B	BASE LAYOUT, NOTES AND LEGEND REVISED	FM	05FEB16	KK
A	WORKING DRAWING ISSUE	FM	12AUG13	KK

DRAWN	FRANK LEE
DESIGNED	ANDY LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	26OCT2012

 EXPRESS RAIL LINK

ORIGINATOR

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 812_W_WKT_AAT_A58_170B.dgn

TITLE

**CONTRACT 812 - SOFT LANDSCAPING
WORKS FOR WEST KOWLOON TERMINUS
PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS
TREE PLANTING PLAN
(SHEET 20 OF 20)**

SCALE 1 : 100 @ A1

DRAWING NO. 812/W/WKT/AAT/A58/170

REV. B



STATION NORTH - PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS SHRUB PLANTING SCHEDULE
FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/WKT/AAT/A58/101-120

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	SPACING (mm)	REMARKS	QTY
SHRUB							
Agl.odo.	Aglaia odorata	米仔蘭	400-500	300-400	300	-	5,094
Asp.spr.	Asparagus sprengeri	天冬	300-400	300-400	150	-	3,274
Bru.cal.	Brunfelsia calycina	大鷓鴣菜莉	400-500	300-400	300	-	78
...
Dur.rep.'D'	Duranta repens 'Dwarf golden'	金蓮瓣	300-400	300-400	200	-	2,598
...
Gar.jas.	Gardenia jasminoides	白蟬	400-500	300-400	200	-	781
Gen.vul.	Gendarussa vulgaris	駁骨丹	400-500	300-400	200	-	3,338
Hib.ros.	Hibiscus rosa-sinensis	大紅花	500-600	300-400	300	-	573
Ixo.chi.	Ixora chinensis	龍船花	300-400	200-300	200	-	3,634
...
Lor.chi.R	Loropetalum chinensis var 'Rubrum'	紅花繼木	300-450	200-300	300	-	68
Osm.fra.	Osmanthus fragrans	桂花	600-700	500-600	600	-	545
Pen.set.R	Pennisetum setaceum 'Rubra'	紅色狼尾草	500-600	300-400	400	-	990
Pit.tob.	Pittosporum tobira	海桐花	500-600	400-500	400	-	1,119
Rha.ind.	Rhapiolepis indica	車輪梅	400-500	300-400	300	-	1,164
Rho.ind.	Rhododendron indicum	江南杜鵑	300-400	200-300	200	-	5,470
Rho.pul.	Rhododendron pulchrum	紫杜鵑	400-500	300-400	300	-	2,064
Sch.arb.	Schefflera arboricola	八葉木	300-400	200-300	200	-	1,077
Ser.ser.'V'	Serissa serissoides 'var'	花八葉	300-400	200-300	200	-	6,652
Tib.urv.	Tibouchina urvilleana	巴西野牡丹	300-400	200-300	200	-	4,212
...
TOTAL :							42,731
GROUND COVER							
Cup.hys.	Cuphea hyssopifolia	雪茄	150-200	150-200	100	-	10,241
Dia.ens.W	Dianella ensifolia cv. White Variegated	花葉山菅蘭	300-400	200-300	150	-	5,793
Lan.cam.O	Lantana camara Orange	橙花臭金鳳	200-300	200-300	150	-	6,734
Lir.spi.	Liriope spicata	麥冬	150-200	150-200	100	-	20,725
Nep.exa.B	Neprolepis exaltata 'Bostoniensis'	波士頓蕨	300-400	200-300	200	-	1,578
TOTAL :							45,071
HEDGE							
Mur.Pan.	Murraya paniculata	九里香	1200	1000x600	500	Mature hedge, rectangular shape	236
TOTAL :							236
BAMBOO							
Phy.iri.	Phyllostachys iridescens	紅哺雞竹	2000	500	400	Minimum 3 shoots per plant	937
TOTAL :							937
TURF							
Zoy.jap.	Zoysia japonica	朝鮮草	200-300	-	-	-	352
TOTAL (sq.m.) :							352

STATION NORTH - PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS TREE PLANTING SCHEDULE
FOR PLANTING LAYOUT PLAN REFER TO DRAWING 812/W/WKT/AAT/A58/151-170

CODE	BOTANICAL NAME	CHINESE NAME	HEIGHT (mm)	SPREAD (mm)	CAL IPER (mm)	SPACING (mm)	REMARKS	QTY
TREE								
...
...
CIN.BUR.	Cinnamomum burmanni	陰香	4000-5000	1500-2500	90-100	AS SHOWN	HEAVY STANDARD TREE	6
DEL.REG.	Delonix regia	鳳凰木	6000-7000	2000-3000	150-180	AS SHOWN	HEAVY STANDARD TREE	5
ELA.BAL.	Elaeocarpus balansae	大葉杜英	6000-7000	2000-3000	100-120	AS SHOWN	HEAVY STANDARD TREE	16
PLU.RUB.	Plumeria rubra 'Acutifolia'	雞旦花	2500-3000	2000-2500	120-130	AS SHOWN	STANDARD TREE	2
SCH.SUP.	Schima superba	木荷	3000-4000	2000-2500	90-100	AS SHOWN	STANDARD TREE	2
SPA.CAM.	Spathodea campanulata	火焰木	5000-6000	3000-4000	130-150	AS SHOWN	HEAVY STANDARD TREE	35
TER.MAN.	Terminalia mantaly	小葉欖仁	6000-7000	2500-3500	100-120	AS SHOWN	HEAVY STANDARD TREE	34
TOTAL :								100

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DRAWN: FRANK LEE DESIGNED: ANDY LEWIS CHECKED: F MCGOLDRICK APPROVED: KELVIN KO DATE: 12AUG2013		 EXPRESS RAIL LINK  ORIGINATOR: AECOM AEDAS MEINHARDT MVA BURO HAPPOLD EDWA MOTT		TITLE: CONTRACT 812 - SOFT LANDSCAPING WORKS FOR WEST KOWLOON TERMINUS PUBLIC PLAZA OVER AUSTIN ROAD WEST UNDERPASS PLANTING SCHEDULE	
B PLANTING SCHEDULE REVISED A WORKING DRAWING ISSUE		FM 05FEB13 KK FM 12AUG13 KK		SCALE: N.T.S. DRAWING NO.: 812/W/WKT/AAT/A58/030 REV. B	
REV	DESCRIPTION	BY	DATE	APPROVED	DESCRIPTION

812_W.WKT_AAT_A58_0308.dgn

GRADING/DRAINAGE SYMBOLS

- PROPOSED CONTOUR LINE
- EXISTING CONTOUR LINE
- GRADE BREAK
- SLOPING CONDITION
- CROSS FALL (DOWN)
- PLANTER FLOW DIRECTION
- STRUCTURE/SLAB LEVEL
- FINISH SURFACE LEVEL
- FINISH GRADE LEVEL (EQUALS MINUS 100 FROM ADJACENT TW OR FS, UNLESS OTHERWISE STATED.)
- PLANTER DRAIN PENETRATION POINT THROUGH STRUCTURAL SLAB WITH INSPECTION CHAMBER (GROUND)
- ~~WATER FEATURE DRAIN~~ **DELETED**
- PLANTER DRAIN PENETRATION POINT THROUGH STRUCTURAL SLAB WITH INSPECTION CHAMBER (GROUND)
- PLANTER DRAIN PENETRATION POINT THROUGH STRUCTURAL SLAB (GROUND)
- ~~LOCATION OF "DOG HOUSE" ENCLOSURES~~ **DELETED**
- 'U' CHANNEL STRUCTURE W/ CATCH PIT REFER TO CIVIL DWGS. FOR ANNOTATION KEY
- PLANTER DRAINAGE BOARD SCUPPER W/FILTER SOCK OUTLET
- PLANTER SURFACE DRAINAGE INLETS W/ CATCH BASIN & PIPE TO SCUPPER
- PLANTER DRAIN WITH ATRIUM GRATE THROUGH STRUCTURAL SLAB WITH INSPECTION CHAMBER
- TYPE 1A DRAINAGE PIT 300x300 INSPECTION CHAMBER AS SPECIFIED
- TYPE 1A DRAINAGE PIT 500x500 INSPECTION CHAMBER AS SPECIFIED

SOIL PLACEMENT SYMBOLS (1)

- 300 TO 500 DEPTH SOIL MIX (TYPE 1) TURF / GROUND COVER
- 500 TO 800 DEPTH SOIL MIX (TYPE 1) SHRUBS
- 800 TO 1200 DEPTH SOIL MIX (TYPE 1) TREE
- MORE THAN 1200 DEPTH SOIL MIX (TYPE 1) TREE
- 100-300 DEPTH SOIL MIX (TYPE 2) GROUND COVER
- SOIL DEPTH MAX. 1200 SOIL MIX AS PER M&W ES-13-2.1.5 WITH BULK UNIT WEIGHT OF 16 to 17.5kN/m³
- LIGHT WEIGHT SOIL MAKE-UP SYSTEM-EXTRUDED POLY-STYRENE (XPS). (INSIDE PLANTER ONLY) (REFER TO A58/010 & A58/958 FOR SPECIFICATION)
- ROOT ZONE DIVIDER
- DEPTH OF XPS/VOID FORMER & GENERAL IN-FILL MATERIAL
- SOIL STABILIZATION SYSTEM

LIGHTING SYMBOLS (PROVIDED AS REFERENCE, 816C SCOPE ITEM)

- FA: 4M TALL METAL HALIDE PEDESTRIAN LIGHT POST
- FB: GRADE RECESSED METAL HALIDE
- FC: SURFACE MOUNTED METAL HALIDE
- FE: GROUND MOUNTED METAL HALIDE
- FM: SURFACE MOUNTED UNDER STEP LED STRIPLIGHT
- FS-1: TRIPLE HEADS POLE LIGHTING(7M)
- FS-2: TRIPLE HEADS POLE LIGHTING (9M)
- FY: WALL RECESSED LED STEPLIGHT
- FH: ONE SYMBOL FOR ONE DRIVER SUPPORTING HANDRAIL AND BALUSTRADE LED LIGHT
- FM: ONE SYMBOL FOR ONE DRIVER SUPPORTING STEP LED STRIPLIGHT

LIGHTING SYMBOLS (PROVIDED AS REFERENCE, 810A SCOPE ITEM)

- FD: LINEAR LED STRIPLIGHT MOUNTED INTO HANDRAIL AND BALUSTRADE
- FAB: SURFACE MOUNTED UNDER BENCH LED STRIPLIGHT WITH DRIVER
- L: FHR EMERGENCY LIGHT

STRUCTURAL MAKE-UP SYSTEMS SYMBOLS

- GENERAL FILL MATERIAL (G/L ONLY) REFER TO A58/010 FOR SPECIFICATION
- VOID FORMER AS SPECIFIED IN DRAWING A58/958

SOIL PLACEMENT SYMBOLS (2)

- 100 TO 300 DEPTH SOIL MIX AS SPECIFIED IN HK GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS SECTION 3.30
- 500 TO 800 DEPTH SOIL MIX AS SPECIFIED IN HK GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS SECTION 3.30
- MORE THAN 1200 DEPTH SOIL MIX AS SPECIFIED IN HK GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS SECTION 3.30

ABBREVIATIONS

ARRANGEMENT	CONSTRUCTION
(E) EXISTING	CONT CONTINUOUS
EVA EMERGENCY VEHICLE ACCESS	CLR CLEAR
GL GROUND LEVEL	EJ EXPANSION JOINT
LOW LIMIT OF WORK	GMS GALVANIZED MILD STEEL
NA NOT APPLICABLE	MJ MOVEMENT JOINT
NIC NOT IN CONTRACT	SS STAINLESS STEEL
NTS NOT TO SCALE	R.C. REINFORCED CONCRETE
PA PLANTING AREA	
PL PROPERTY LINE/RED LINE	
ROW RIGHT OF WAY	
RPA ROADSIDE PLANTING AREA	
RL ROOF LEVEL	
SB SETBACK	
SIM SIMILAR	
TYP TYPICAL	
WF WATER FEATURE	
GRADING	UTILITIES
FG FINISH GRADE (SOFTSCAPE) (100 BELOW TW OR FS UNLESS SPECIFIED)	DP CABLE DRAW PIT
FS FINISH SURFACE (HARDSCAPE)	ELV/HLV LOW VOLTAGE/HIGH VOLTAGE ELECTRICAL
HP/LP HIGH POINT/LOW POINT	FH FIRE HYDRANT
SFL SOIL FORMATION LEVEL (NATURAL GRADE)	MH MANHOLE
SSL STRUCTURAL SLAB LEVEL	PB PILLAR BOX
TC/BC TOP OF CURB/BOTTOM OF CURB	SW SWITCH CABINET
TG TOP OF DRAIN GRATE	HR FIRE HOSE REEL
TR/BR TOP OF RAMP/BOTTOM OF RAMP	
TS/BS TOP OF STEPS/BOTTOM OF STEPS	
TW/BW TOP OF WALL/BOTTOM OF WALL	
WL WEIR LEVEL	
WS WATER SURFACE	
BP BOTTOM OF PLANTER	
TP TOP OF PARAPET	
GF GREEN ROOF SYSTEM LEVEL	
BGL BASE GEOMETRY LINE	
TD TOP OF DRAIN	
DRAINAGE	SETTING-OUT / PAVING / DECKING
AD AREA DRAIN	CL CENTER LINE
CB CATCH BASIN	Ø DIAMETER
RIM/INV RIM ELEVATION/INVERT	OC ON CENTER
	EO EQUAL
	POB POINT OF BEGINNING
	R RADIUS
	TP TANGENT POINT
	SAS SMOOTH & SIDES
	MISC.
	MAN'F MANUFACTURER
	MEP MECHANICAL/ELECTRICAL/PLUMBING
	DRAINAGE
	AD AREA DRAIN
	CB CATCH BASIN
	RIM/INV RIM ELEVATION/INVERT

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AECOM Aedas Express Rail Link (XRL) Consultancy Agreement No. C801 Detailed Design for WKT

Contract No.: 810A WEST KOWLOON TERMINUS STATION NORTH

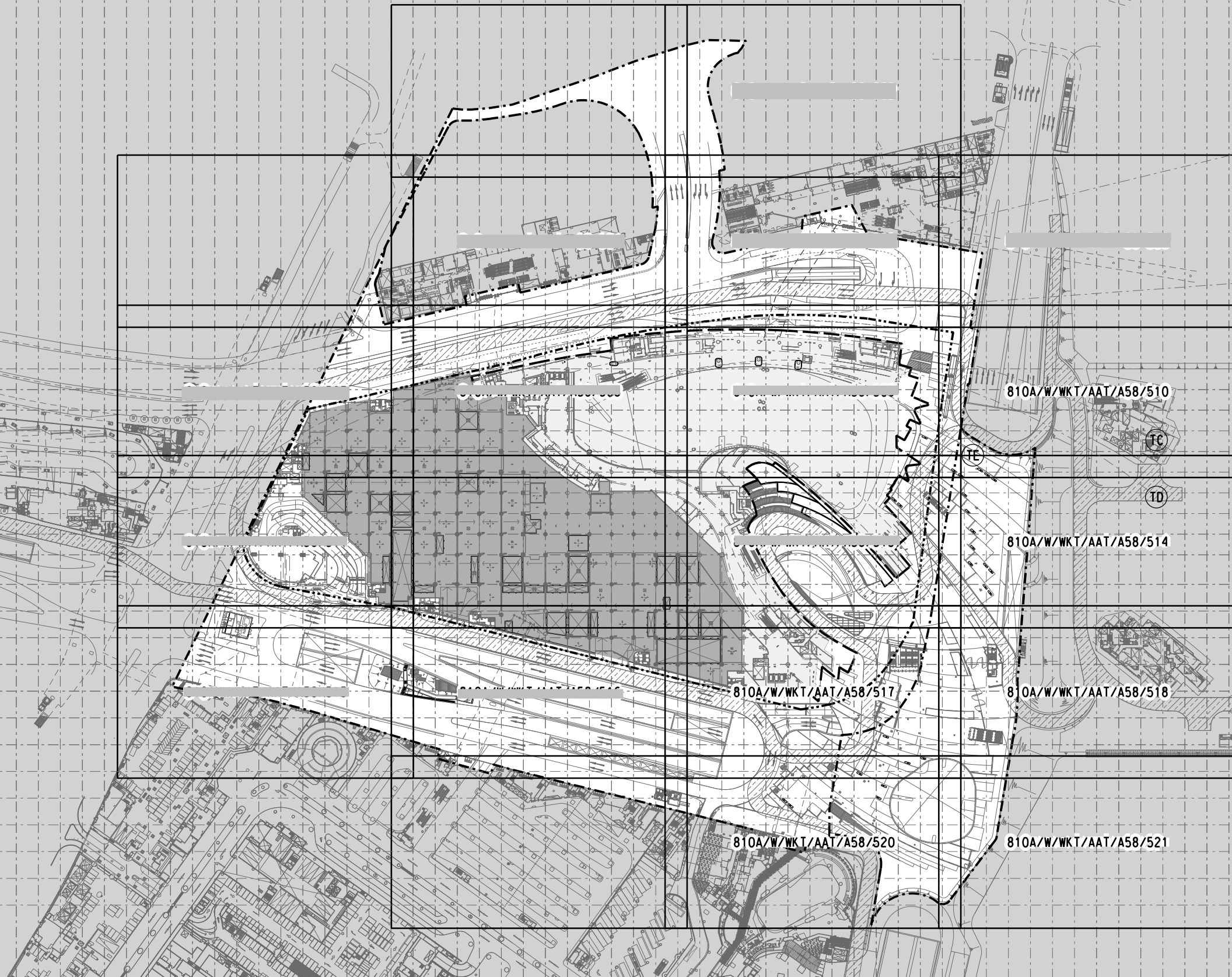
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Drawing Ref.: 810A/W/WKT/AAT/A58/007E (VOL.1C)

Prepared By: HILARY TAYLOR Checked By: ANDREW TAYLOR DATE: 11AUG2016

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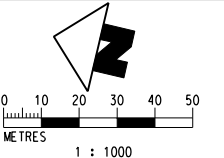


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DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011

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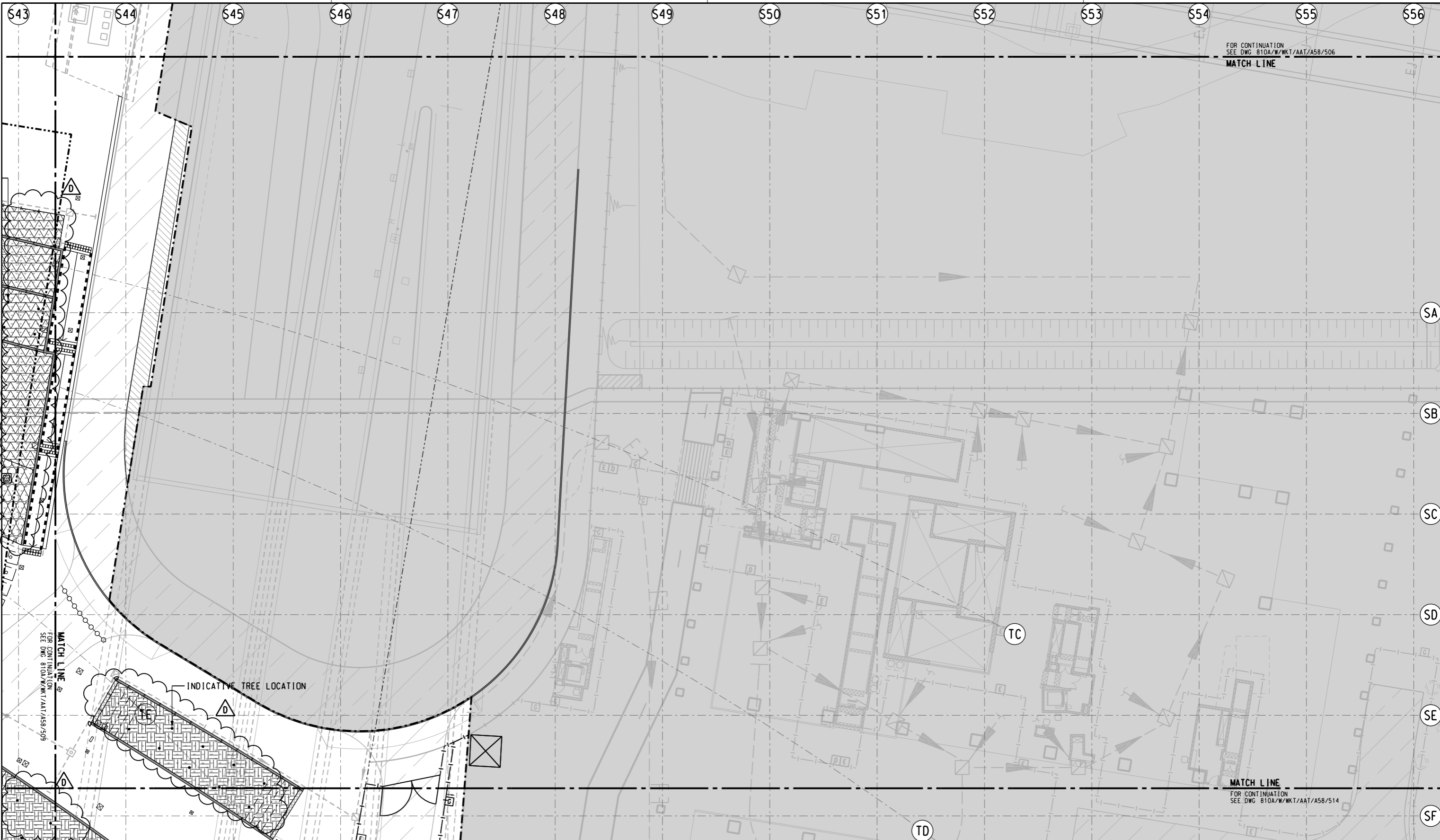
ORIGINATOR

AECOM Aedas

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

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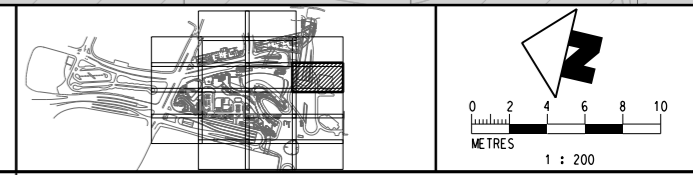


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FOR CONTINUATION
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 2. FOR LEGENDS REFER TO DRAWING 810A/W/WKT/AAT/A58/006 TO 007.
 3. FOR GENERAL NOTES REFER TO DRAWING 810A/W/WKT/AAT/A58/008.



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DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCCOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

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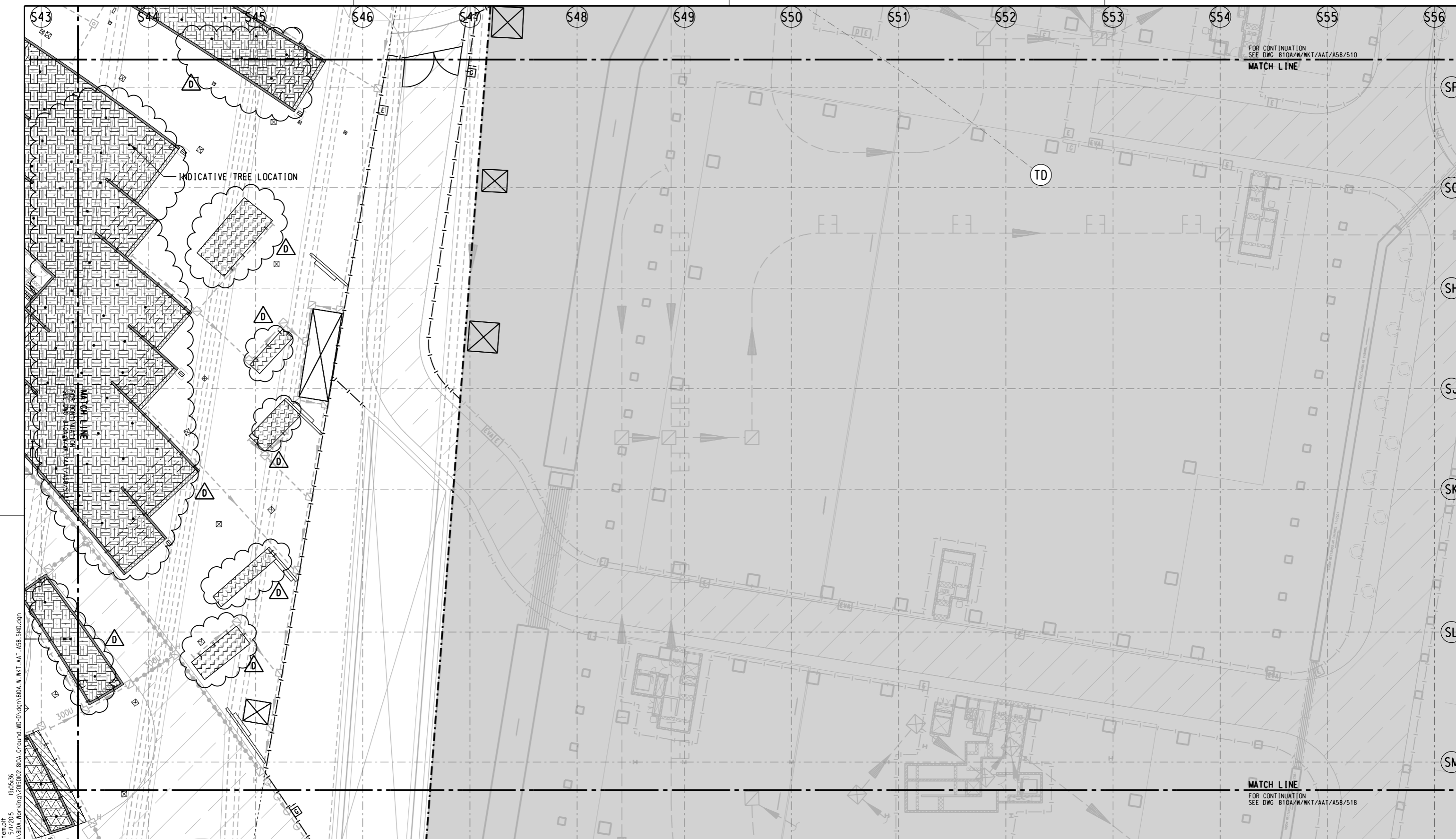
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CONTRACT 810A
WEST KOWLOON TERMINUS STATION NORTH
GROUND LEVEL
SOIL PLACEMENT PLAN
(SHEET 8 OF 17)

SCALE 1 : 200 @ A1

DRAWING NO. 810A/W/WKT/AAT/A58/510

REV. D



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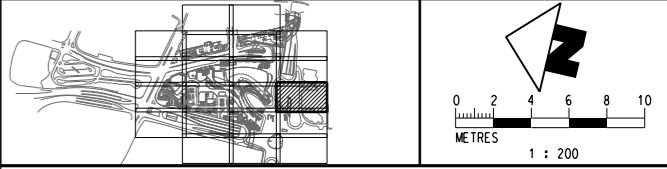
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A	WORKING DRAWING ISSUE	FM	24OCT11	KK					

DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011

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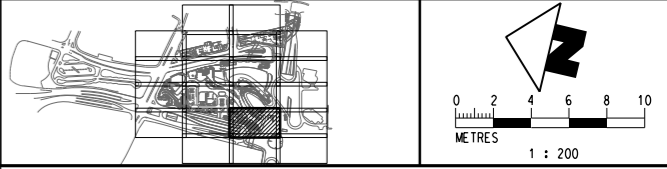
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DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011





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 MVA
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 EDAW
 MOTT

CADD REF. 810A_W_WKT_AAT_A58_517D.dgn

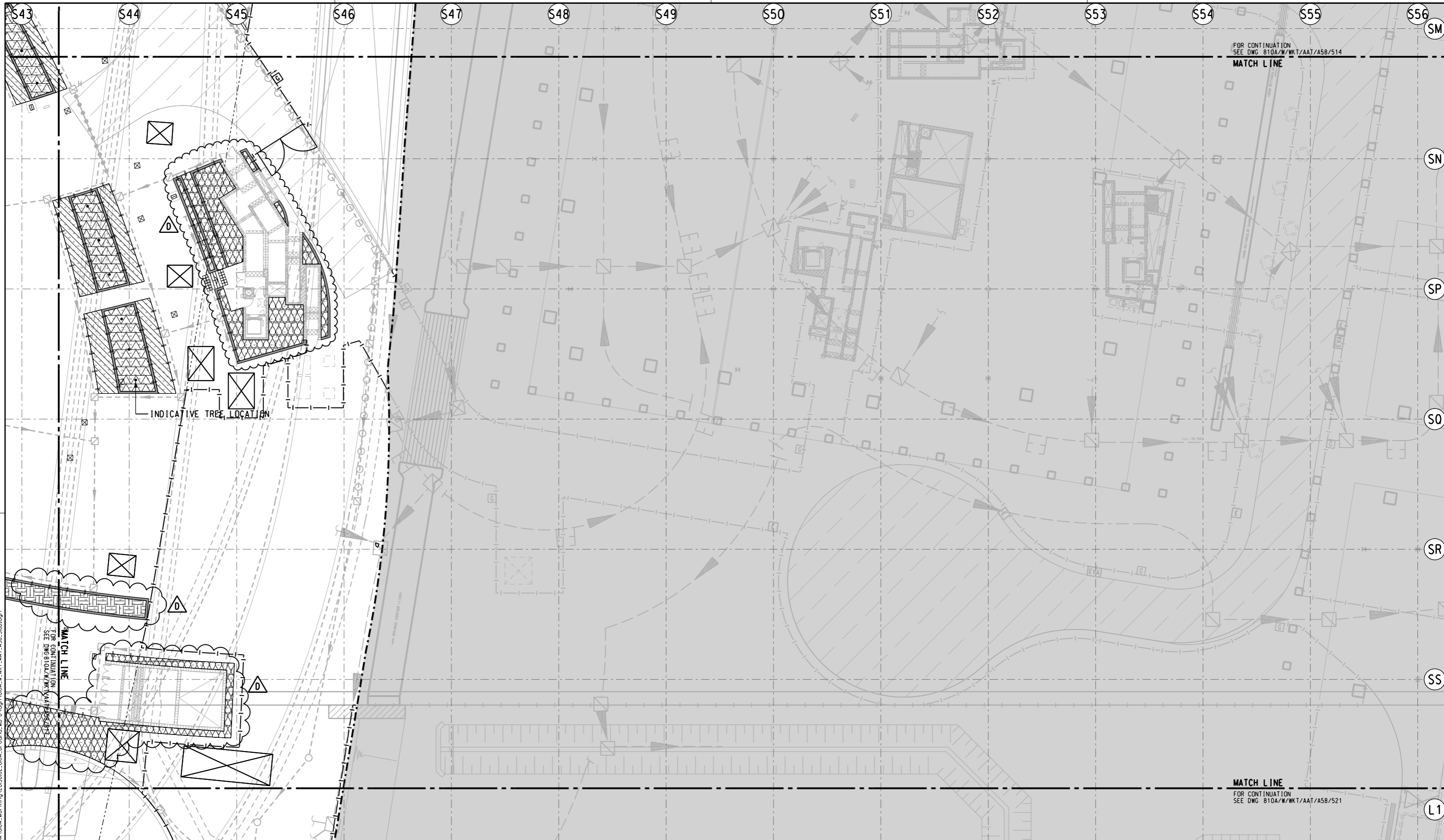
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CONTRACT 810A
WEST KOWLOON TERMINUS STATION NORTH
GROUND LEVEL
SOIL PLACEMENT PLAN
(SHEET 14 OF 17)

SCALE 1 : 200 @ A1

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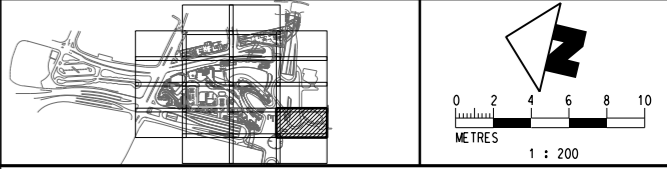


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A	WORKING DRAWING ISSUE	FM	24OCT11	KK					

DRAWN: J CHIU
 DESIGNED: A LEWIS
 CHECKED: F MCGOLDRICK
 APPROVED: KELVIN KO
 DATE: 24OCT2011

EXPRESS RAIL LINK

ORIGINATOR:

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

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CONTRACT 810A

WEST KOWLOON TERMINUS STATION NORTH

GROUND LEVEL

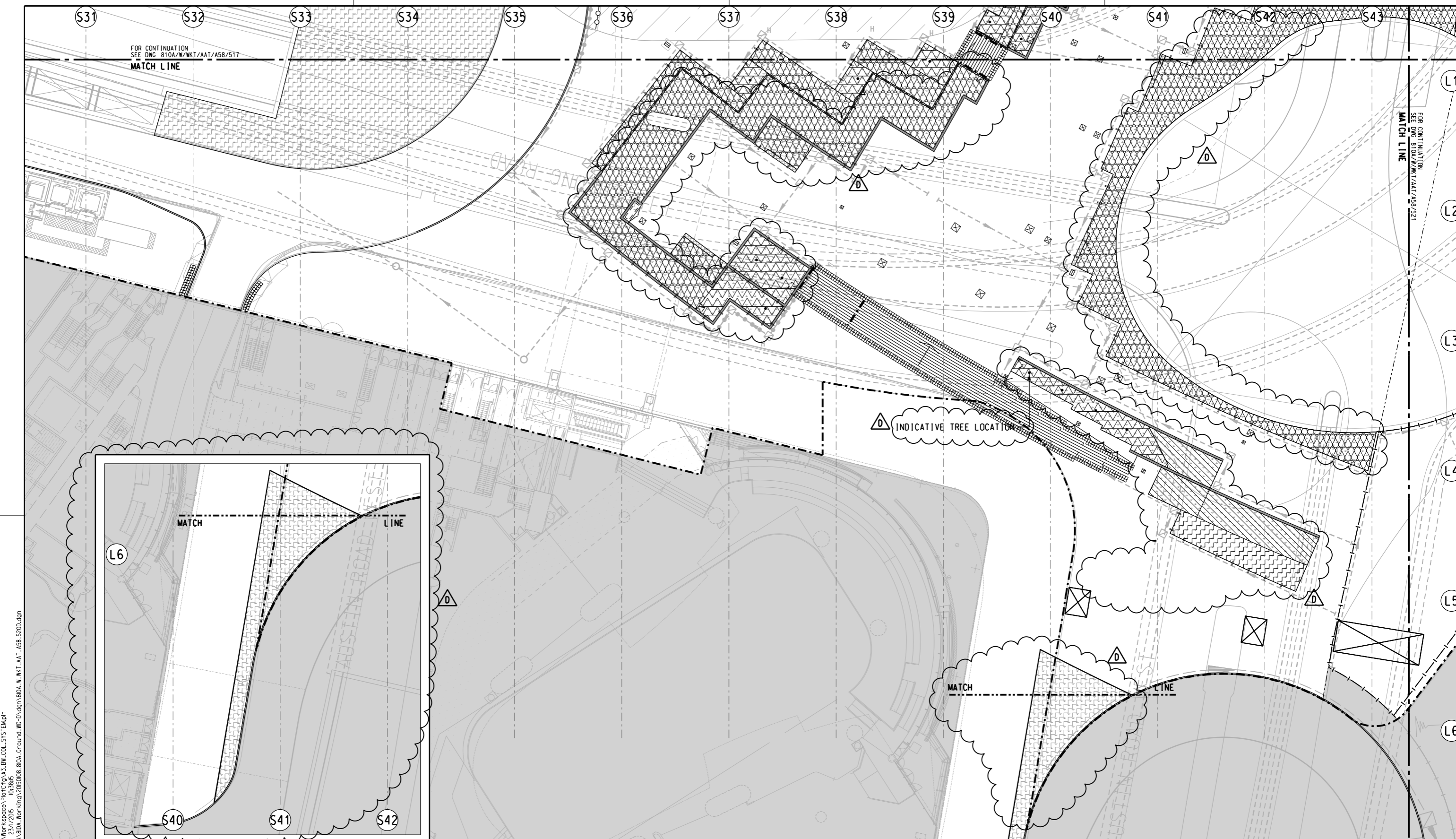
SOIL PLACEMENT PLAN

 (SHEET 15 OF 17)

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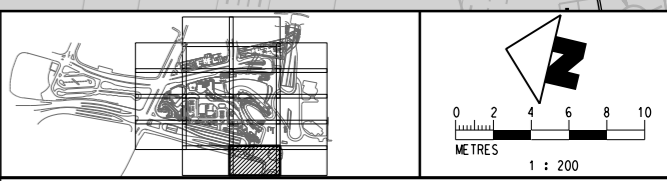
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- NOTES :
- FOR IRRIGATION'S GENERAL NOTES AND LEGENDS REFER TO DRAWING 810A/W/WKT/AAT/A58/014.
 - FOR LEGENDS REFER TO DRAWING 810A/W/WKT/AAT/A58/006 TO 007.
 - FOR GENERAL NOTES REFER TO DRAWING 810A/W/WKT/AAT/A58/008.



REV	DESCRIPTION	BY	DATE	APPROVED
D	PUS LAYOUT REVISED, SOIL PLACEMENT UPDATED	FM	28NOV14	KK
C	PUS LAYOUT REVISED, SOIL PLACEMENT UPDATED	FM	07AUG13	KK
B	LAYOUT REVISED, SOIL PLACEMENT UPDATED	FM	20FEB12	KK
A	WORKING DRAWING ISSUE	FM	24OCT11	KK

DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011

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EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 810A_W_WKT_AAT_A58_5200.dgn

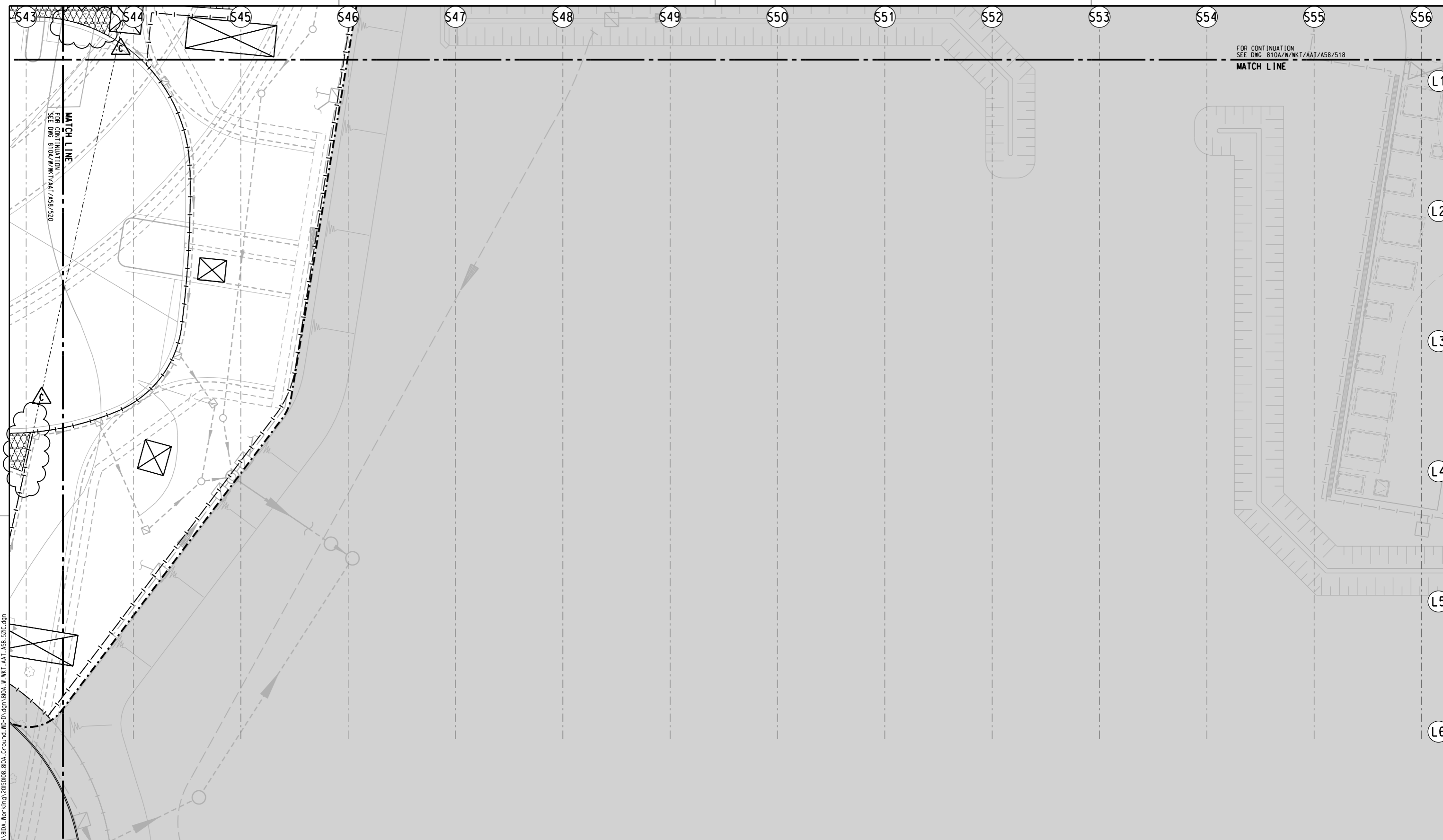
TITLE

CONTRACT 810A
WEST KOWLOON TERMINUS STATION NORTH
GROUND LEVEL
SOIL PLACEMENT PLAN
(SHEET 16 OF 17)

SCALE 1 : 200 @ A1

DRAWING NO. 810A/W/WKT/AAT/A58/520

REV. D

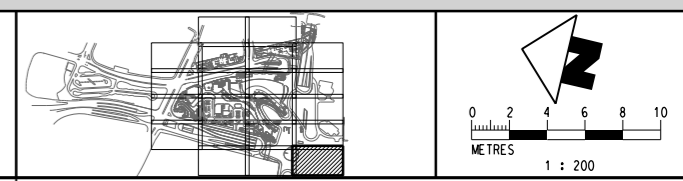


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SEE DWG 810A/W/WKT/AAT/A58/518
MATCH LINE

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FOR CONTINUATION
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- NOTES :
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 2. FOR LEGENDS REFER TO DRAWING 810A/W/WKT/AAT/A58/006 TO 007.
 3. FOR GENERAL NOTES REFER TO DRAWING 810A/W/WKT/AAT/A58/008.



REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
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B	PUS LAYOUT REVISED, SOIL PLACEMENT UPDATED	FM	07AUG13	KK					
A	WORKING DRAWING ISSUE	FM	24OCT11	KK					

DRAWN	J CHIU
DESIGNED	A LEWIS
CHECKED	F MCGOLDRICK
APPROVED	KELVIN KO
DATE	24OCT2011

MTR

EXPRESS RAIL LINK

ORIGINATOR

AECOM **Aedas**

○ AECOM ○ AEDAS ○ MEINHARDT ○ MVA ○ BURO HAPPOLD ● EDAW ○ MOTT

CADD REF. 810A_W_WKT_AAT_A58_521C.dgn

TITLE

CONTRACT 810A
WEST KOWLOON TERMINUS STATION NORTH
GROUND LEVEL
SOIL PLACEMENT PLAN
(SHEET 17 OF 17)

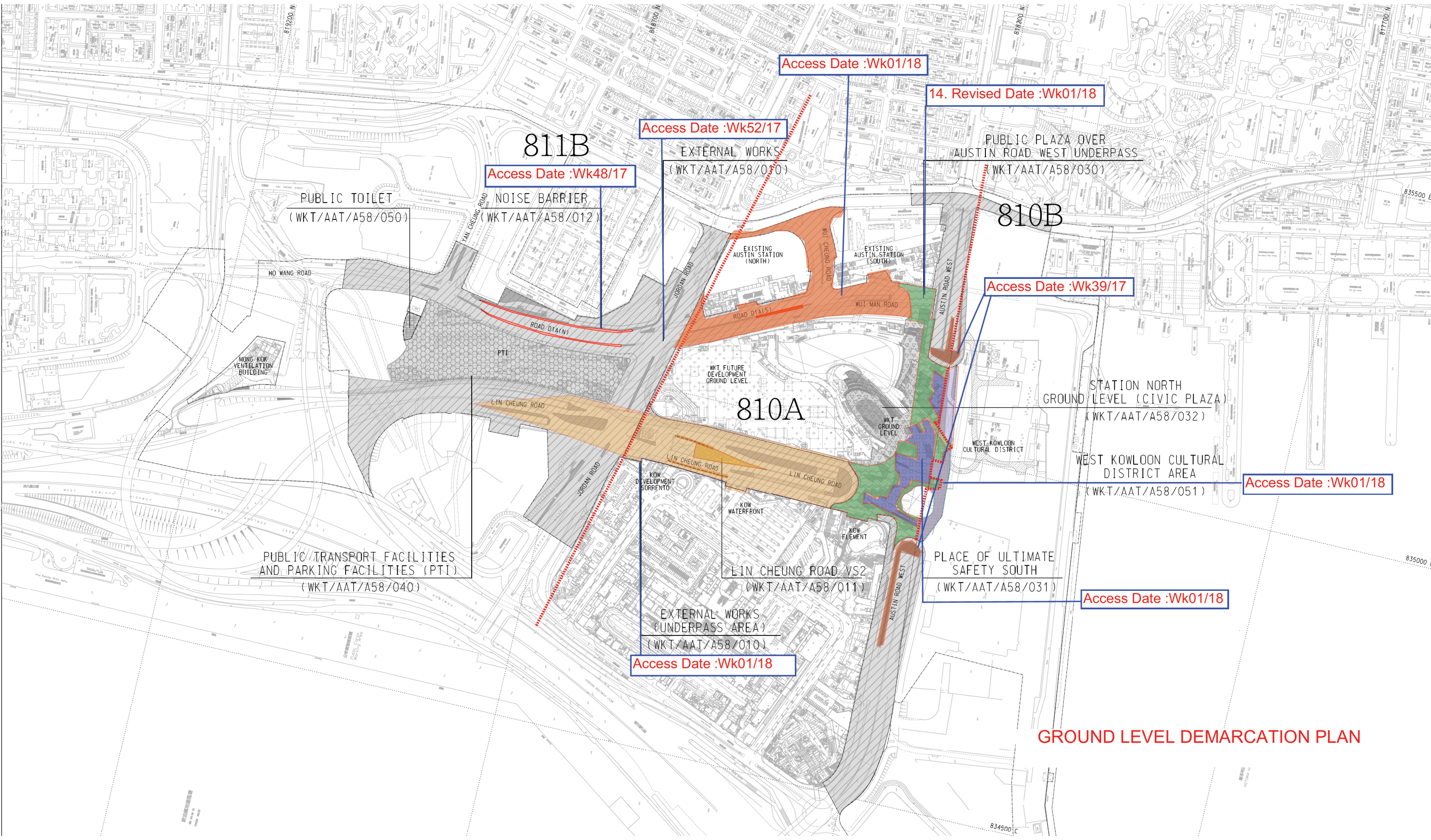
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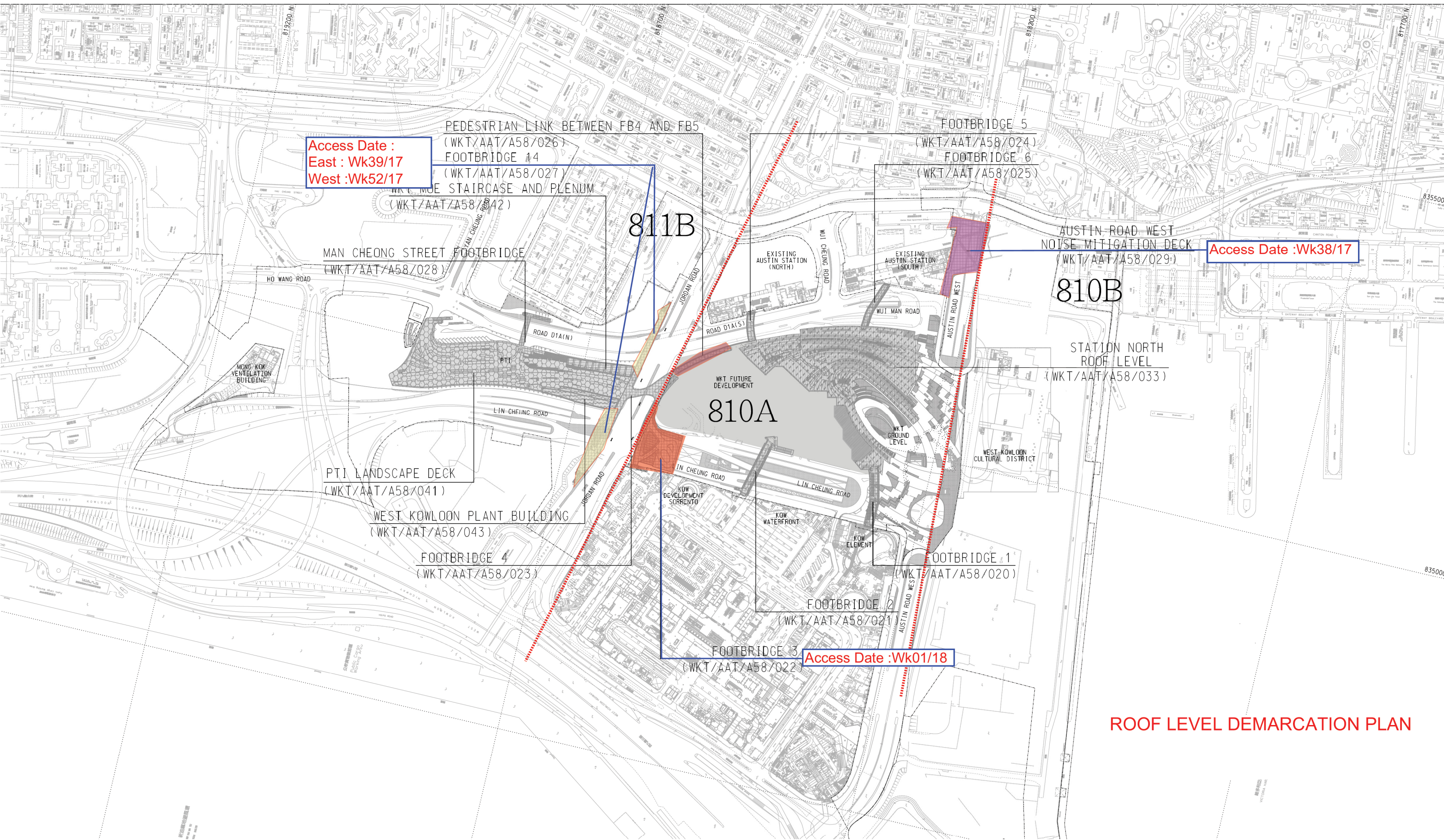
REV. C

APPENDIX B

Landscaping Works Implementation Program



GROUND LEVEL DEMARCATIION PLAN



Access Date :
 East : Wk39/17
 West : Wk52/17

Access Date : Wk38/17

Access Date : Wk01/18

ROOF LEVEL DEMARCATIION PLAN

PEDESTRIAN LINK BETWEEN FB4 AND FB5
 (WKT/AAT/A58/026)
 FOOTBRIDGE 14
 (WKT/AAT/A58/027)
 WKT FUTURE STAIRCASE AND PLENUM
 (WKT/AAT/A58/042)

FOOTBRIDGE 5
 (WKT/AAT/A58/024)
 FOOTBRIDGE 6
 (WKT/AAT/A58/025)

MAN CHEONG STREET FOOTBRIDGE
 (WKT/AAT/A58/028)

AUSTIN ROAD WEST
 NOISE MITIGATION DECK
 (WKT/AAT/A58/029)

811B

810B

STATION NORTH
 ROOF LEVEL
 (WKT/AAT/A58/033)

810A

PTI LANDSCAPE DECK
 (WKT/AAT/A58/041)

WEST KOWLOON PLANT BUILDING
 (WKT/AAT/A58/043)

FOOTBRIDGE 4
 (WKT/AAT/A58/023)

FOOTBRIDGE 1
 (WKT/AAT/A58/020)

FOOTBRIDGE 2
 (WKT/AAT/A58/021)

FOOTBRIDGE 3
 (WKT/AAT/A58/022)

WKT FUTURE DEVELOPMENT

WKT GROUND LEVEL

KOW DEVELOPMENT SCORRENTO

KOW WATERFRONT

KOW ELEMENT

WEST KOWLOON CULTURAL DISTRICT

MONG KOK VENTILATION BUILDING

HO WANG ROAD

LIN CHEUNG ROAD

ROAD D1A(N)

ROAD D1A(S)

LIN CHEUNG ROAD

LIN CHEUNG ROAD

JORDAN ROAD

WUI CHEUNG ROAD

WUI MAN ROAD

AUSTIN ROAD WEST

EXISTING AUSTIN STATION (NORTH)

EXISTING AUSTIN STATION (SOUTH)

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

WEST KOWLOON

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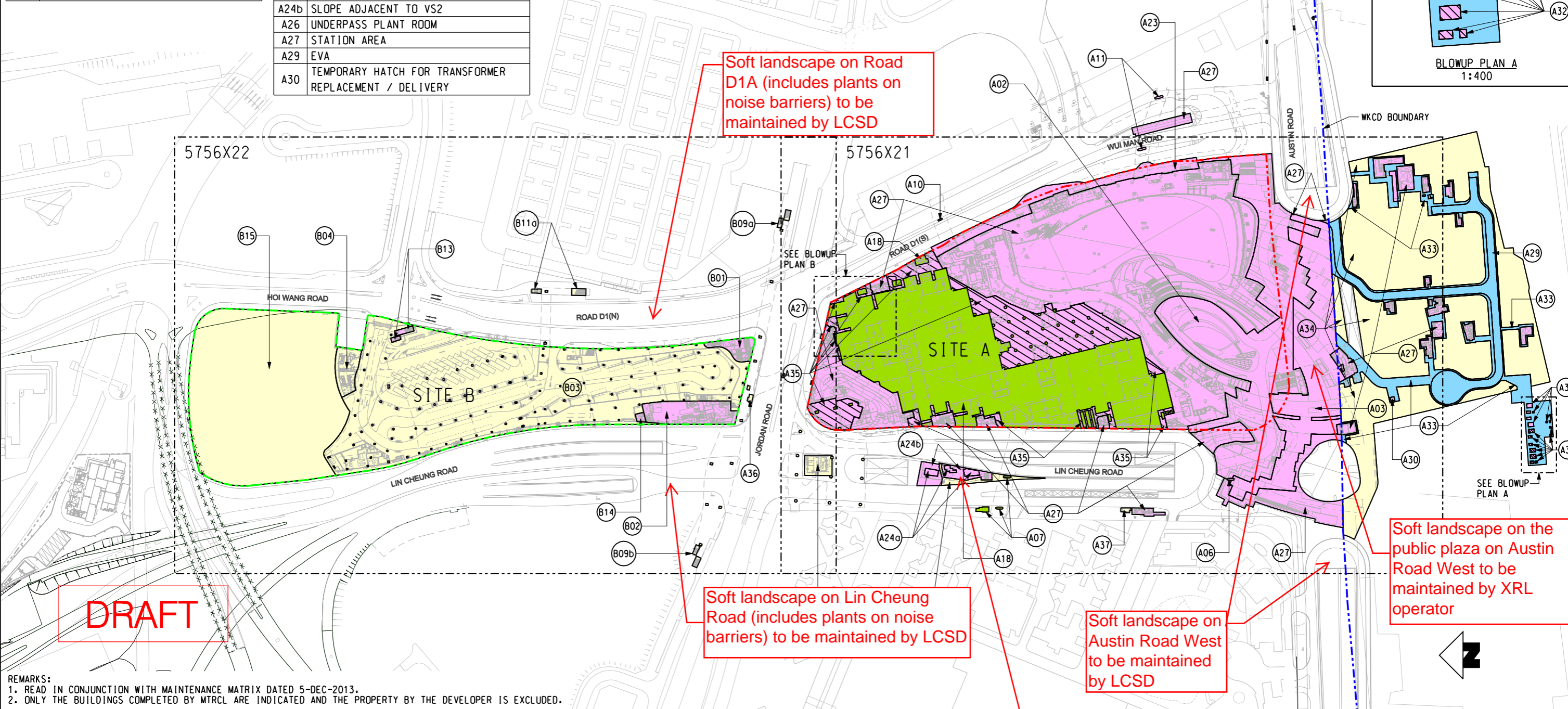
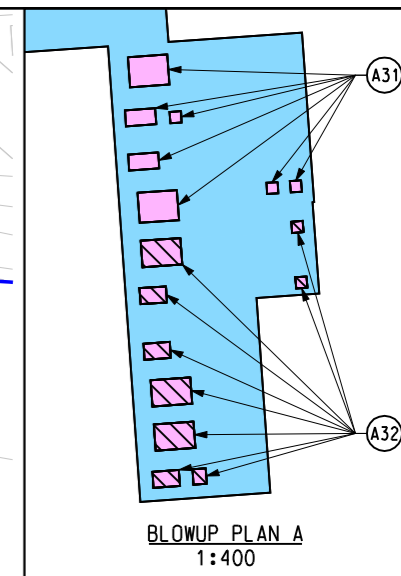
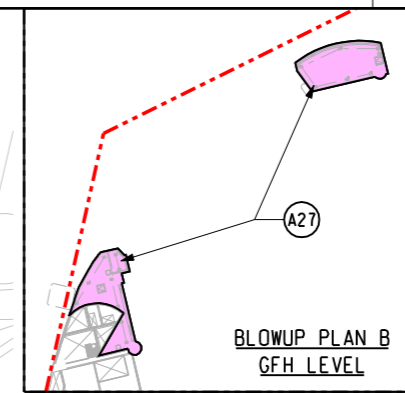
APPENDIX C

Maintenance & Management Schedule

AREA DESCRIPTION	
B01	WKT/WKP MOE STAIRCASE (G/F)
B02	WEST KOWLOON PLANT BUILDING (G/F)
B03	PUBLIC TRANSPORT FACILITIES AND PARKING FACILITIES
B04	PUBLIC TOILET
B09a	FOOTBRIDGE FB14
B09b	FOOTBRIDGE FB14
B11a	MAN CHEONG STREET FOOTBRIDGE
B13	LIFT AND STAIR TO LANDSCAPED DECK
B14	HOSE REEL PUMP & TANK ROOM FOR LANDSCAPE DECK
B15	FUTURE NORTH TREE PARK BY OTHERS

AREA DESCRIPTION	
A02	CIVIC PLAZA
A03	PLACE OF ULTIMATE SAFETY SOUTH (EMERGENCY ASSEMBLY G/F)
A06	FOOTBRIDGE FB1
A07	FOOTBRIDGE FB2
A10	FOOTBRIDGE FB5
A11	FOOTBRIDGE FB6
A18	PROPERTY AREA
A23	CANOPY STRUCTURE AND PEDESTRIAN FOOTPATH ALONG WUI MAN ROAD
A24	SLOPE AROUND LIN CHEUNG ROAD VS2
A24a	LIN CHEUNG ROAD VS2
A24b	SLOPE ADJACENT TO VS2
A26	UNDERPASS PLANT ROOM
A27	STATION AREA
A29	EVA
A30	TEMPORARY HATCH FOR TRANSFORMER REPLACEMENT / DELIVERY

A31	ACCESS TO RAILWAY SEAWATER INTAKE/ OUTFALL CELL
A32	ACCESS PROVISION TO PROPERTY SEAWATER INTAKE/OUTFALL CELL
A33	TEMPORARY ACCESS ROAD
A34	WKCD AREA
A35	SPATIAL PROVISION FOR PROPERTY AREA
A36	RE-PROVISIONED ROADSIDE IRRIGATION PUMP HOUSE IN JORDAN ROAD
A37	RE-PROVISION OF LIN CHEUNG ROAD IRRIGATION PUMP HOUSE



REMARKS:
 1. READ IN CONJUNCTION WITH MAINTENANCE MATRIX DATED 5-DEC-2013.
 2. ONLY THE BUILDINGS COMPLETED BY MTRCL ARE INDICATED AND THE PROPERTY BY THE DEVELOPER IS EXCLUDED.

LEGEND FOR MANAGEMENT PARTY

XRL RAILWAY OPERATOR	FUTURE SITE A PROPERTY	SITE A BOUNDARY	WKCD BOUNDARY	SPATIAL PROVISION BY FUTURE SITE A PROPERTY
GOVERNMENT	ROAD WORK AND OTHERS	SITE B BOUNDARY	EVA / TEMPORARY ACCESS ROAD	

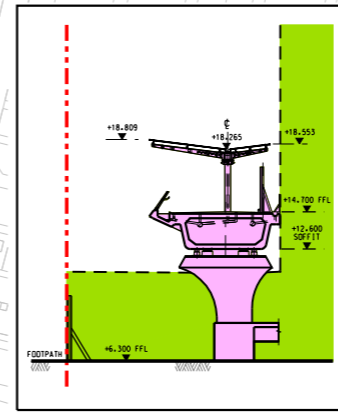
PROPOSED STAKEHOLDER DEMARCATIION PLAN
FOR WKT - GROUND FLOOR AREA DIAGRAM



CN JOB REF. : J12-5756
 DRAWING NO. : 5756X01
 ISSUE NO. : 11
 SCALE : 1:1500 @A1
 DATE : 04MAR2016
 CADD FILENAME : 5756X01L.DGN
 REVISION : L

AREA DESCRIPTION	
B04	PUBLIC TOILET
B06	PLACE OF ULTIMATE SAFETY NORTH (EMERGENCY ASSEMBLY 1/F)
B07	WEST KOWLOON PLANT BUILDING (1/F)(STATION AREA)
B08	WKT MOE STAIRCASE AND PLENUM (1/F) (STATION AREA)
B09a	FOOTBRIDGE FB14
B09b	FOOTBRIDGE FB14
B10	NOISE MITIGATION LANDSCAPED DECK
B11a	MAN CHEONG STREET FOOTBRIDGE
B11b	MAN CHEONG STREET FOOTBRIDGE
B13	ESCALATOR AND STAIR TO PTI

AREA DESCRIPTION	
A06	FOOTBRIDGE FB1
A07	FOOTBRIDGE FB2
A08	FOOTBRIDGE FB3
A09a	FOOTBRIDGE FB4
A09b	FOOTBRIDGE FB4
A10	FOOTBRIDGE FB5
A11	FOOTBRIDGE FB6
A12	ELEVATED WALKWAY
A15	AUSTIN ROAD WEST NOISE MITIGATION DECK
A17	SPATIAL PROVISION FOR PROPERTY AREA (1/F)
A27	STATION AREA
A28	STATION ROOF LANDSCAPE



SECTION A
SCALE: NTS

5756X24

5756X23

Soft landscape on Noise Mitigation Deck to be maintained by HyD Landscape Unit

Soft landscape on Footbridge 3 and Footbridge 14 to be maintained by LCSD

DRAFT

LEGEND FOR MANAGEMENT PARTY

- XRL RAILWAY OPERATOR
- FUTURE SITE A PROPERTY
- SITE A BOUNDARY
- WKCD BOUNDARY
- GOVERNMENT
- ROAD WORK AND OTHERS
- SITE B BOUNDARY
- SPATIAL PROVISION BY FUTURE SITE A PROPERTY

PROPOSED STAKEHOLDER DEMARCATIION PLAN FOR WKT - FIRST FLOOR AREA DIAGRAM



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DRAWING NO. : 5756X02
ISSUE NO. : 09
SCALE : 1:1500 @A1
DATE : 24OCT2014
CADD FILENAME : 5756X02J.DGN
REVISION : J

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APPENDIX D

Protection of Existing Trees

(Extract from the Particular Specification)



of trees shall be agreed by the Engineer and installed before commencing site clearance, demolition, construction of permanent or temporary works, and any other site operations which may affect the trees, and

- (i) The Contractor shall reinstate or replace, where necessary, the identification labelling or marking systems for the preserved trees and shall remove these identification labelling or marking systems from the Site upon completion of the Works, or earlier if so directed by the Engineer.
- (2) For those individual trees or tree groups identified under sub-clause (a)(v) of Clause AN1.3.01, the Contractor shall change the label or mark on them to reflect their updated status immediately once the Engineer has instructed the treatment to them.

Unplanned tree removal

AN1.4.03

(c) Undertake tree transplanting work in accordance with Section AN2.11.
Where it is found necessary for the completion of the Works to remove, either by felling or by transplanting, any trees other than those earmarked for such purposes under the Contract and labelled purposes on the Site pursuant to Clause AN1.3.02 or those directed or approved purposes during the progress of the Works by the Engineer, the Contractor shall comply with the following requirements:

- (a) Report to the Engineer the necessity on such tree removal,
- (b) Prepare and submit to Government, and obtain Government approval of, a Tree Removal Application in accordance with the relevant Government Technical Circular(s)
- (c) Fell or transplant the trees only after the Engineer's approval of the tree removal has been given. Such approval shall normally be given after the Tree Removal Application has been approved by the Government approving authority, and
- (d) Make due allowance in his programme for the time required to obtain the Engineer's approval and Government approval of the Tree Removal Application.
- (e) Undertake approved tree transplanting work in accordance with Section AN2.11. The Contractor shall submit a proposal, with justification, for the root cutting period for each unplanned tree to be transplanted, in accordance with one of the Groups listed in Clause AN2.11.05(3). No root cutting works shall proceed until the proposal is approved by the Engineer and the Tree Removal Application is approved by Government.

AN1.4 REMOVAL OF EXISTING TREES

Felling of existing trees

AN1.4.01

- (1) Site clearance should be carried out in stages to suit the actual clearance requirement as works progress. The limits of site clearance for any part of the Site shall be agreed by the Engineer before site clearance at the respective part commences. No clearance shall be carried out until such requirement is met.
- (2) The Contractor shall comply with the following requirements in respect of tree felling:
 - (a) Fell only those trees earmarked for such purposes under the Contract and labelled for such purposes on the Site pursuant to Clause AN1.3.02 or those as directed or approved by the Engineer,
 - (b) Take all necessary precautions to protect the people engaged in the tree felling work as well as the people and property in the vicinity,
 - (c) Adopt working methods that avoid any damage to adjacent plants to be retained, including damage to their root systems,
 - (d) Completely remove the tree to be felled including the stumps and rootballs,
 - (e) If, in the opinion of the Engineer or as required in the Contract, removal of stumps and rootballs is not necessary, fell the trees by cutting them near the ground, with their stumps ground rather than pulled,
 - (f) Remove all debris, cut wood, and roots pursuant to sub-clauses (2)(d) and 2(e) of this Clause, from the trees felled from the Site as soon as possible, and
 - (g) Reinstate where appropriate the ground around the adjacent plants to be retained to ensure their continued healthy growth and stability.

Transplanting of existing trees

AN1.4.02

- (1) If tree transplanting is to be done by a separate designated tree transplanting contractor, the Contractor shall provide attendance and access to the tree transplanting contractor to carry out transplantation.
- (2) If tree transplanting is to be done by the Contractor, the Contractor shall comply with the following requirements in respect of tree transplanting, either within or off the Site:
 - (a) Transplant only those trees earmarked for such purposes under the Contract and labelled for such purposes on the Site pursuant to Clause AN1.3.02 or those as directed or approved by the Engineer,
 - (b) Commence any work related to tree transplanting on the Site only after the Engineer is satisfied that the Contractor has complied with the requirements

AN1.5

PRESERVATION AND PROTECTION OF EXISTING TREES

General Precautionary Measures to Preserved Trees

AN1.5.01

- (1) The Contractor shall submit a Tree Preservation and Protection Plan for the Engineer's approval before commencing any works on site.
- (2) The Contractor shall exercise the greatest care to avoid any damage to the preserved trees and shall comply with the following in respect of all the preserved trees during the Construction Period and Establishment Period:
 - (a) Take all necessary precautions to ensure that:
 - (i) No nails or other fixings shall be driven into the trees, including the exposed tree roots,
 - (ii) No fencing, services, or signs other than the identification labels or markings required under Clause AN1.3.02 shall be attached to any part of the trees,
 - (iii) No trees shall be used as anchorages for ropes or chains used in guying or pulling or for equipment used for removing stumps, roots or other trees, or for any other purposes,
 - (iv) No soil, materials, equipment or machinery shall be stockpiled or stored within the tree protection zones,
 - (v) No site offices, workshops, canteens, containers or similar structures shall be installed within the tree protection zones,



- (vi) Petrol, oil, bitumen, creosote, cement and other materials likely to be injurious to the trees shall be kept away from the tree protection zones, and any accidental spills of these materials shall be cleaned up immediately,
 - (vii) Excessive water shall be drained away from the tree protection zones to prevent damage to tree roots by asphyxiation,
 - (viii) The surface on slopes shall be shaped so that water will not drain to the tree trunks but bypass them,
 - (ix) No passage or parking of vehicles and no operation of equipment or machinery shall take place within the tree protection zones unless otherwise agreed by the Engineer,
 - (x) No stripping of surface vegetation or top layer of soil, and no paving or earth filling shall be carried out within the tree protection zones unless otherwise agreed by the Engineer,
 - (xi) No fires shall be lit within the tree protection zones or in a position where the flames will likely extend to within 5m of foliage, branches or trunks of the trees, bearing in mind the size of the fire and the wind direction,
 - (xii) No concrete mixing, gas tank filling, paintbrush and tool cleaning, or equipment maintenance shall be carried out within the tree protection zones,
 - (xiii) Any necessary scarification or cultivation within the tree protection zones shall be carried out carefully by hand so as not to cause damage to the trees, in particular the bark and the roots,
 - (xiv) Any equipment, in particular delivery vehicles, overhead cranes, mechanical excavations, drilling rigs and piling rigs, shall be carefully operated so as not to cause striking of the trunks, branches, foliage or root collars of the trees,
 - (xv) The trees to be felled, which are adjacent to, or which lie within a continuous canopy of the preserved trees, shall be carefully removed, and if necessary in sections but not using bulldozers in any circumstances, so as not to cause damage to the preserved trees such as scraping bark off trunks or breaking branches of trees,
 - (xvi) Where it is necessary to use herbicides to kill any vegetation, herbicides that can leach through the soil, such as the products containing sodium chlorate, and any other herbicides that are injurious to the trees shall not be used,
 - (xvii) Allowance shall be made for the slope of the ground so that damaging materials such as concrete washings, mortar or diesel oil cannot run towards the trees,
 - (xviii) Alkaline clay or limestone shall not be used for filling or paving, concrete shall be mixed on a thick plastic tarpaulin, and mixing trucks shall not be rinsed out on the Site, so as not to cause changes, in particular increases, in the soil pH, and
 - (xix) All building debris and chemical wastes shall be hauled away for proper disposal, and in any circumstances shall not be burned or buried on the Site or be disposed of by pouring them on the soil within the Site,
- (b) Repair any damage to the trees in accordance with the requirements stipulated in Section AN1.6,
 - (c) Where the passage or parking of vehicles or the operation of equipment or machinery within the tree protection zones as referred to in sub-clause (a)(ix) of this Clause is considered necessary and is agreed by the Engineer, carry out the following measures to reduce soil compaction:
 - (i) Minimize the traffic of the vehicles, equipment or machinery, and
 - (ii) Confine the passage or parking of vehicles or operation of equipment or machinery to the areas laid with temporary protective mulching as stipulated in sub-clause (5)(b) of Clause AN1.5.02 and with double, overlapping, thick metal sheet coverings, or other materials of equivalent strength as agreed by the Engineer placed on top,
 - (d) Where it is necessary to clear the existing undergrowth within the tree protection zones to allow access and visibility for, and operation of any construction work,
 - (i) Shrubs shall be pruned and grass or other herbaceous plants shall be cut to a height of not less than 50 mm above the ground level but not pulled out by equipment in any circumstances, and
 - (ii) The agreement of the Engineer shall be obtained before vegetation clearance commences,
 - (e) Protect the preserved trees, where necessary, from increased exposure to sun and wind due to removal of adjacent trees,
 - (f) Align all routes of the overhead services within the Site and all access routes to the Site or within the Site away from the preserved trees as far as possible and seek the Engineer approval to the alignment,
 - (g) Report to the Engineer any preserved tree that has structural defects or unhealthy or has decaying symptoms,
 - (h) Update the photographic record taken in accordance with Clause AN1.3.01(3)(c) and submit a report comprising the updated photographic records of all the preserved trees to the Engineer every two months or at intervals agreed by the Engineer, complying with the following:
 - (i) Each of the reports shall be in the form of an A4-sized, bound document which shall bear a report cover indicating the Contract number, Contract title, and date of the report,
 - (ii) The format of the reports shall be agreed by the Engineer before submission of the first report,
 - (iii) All photographs shall be date-stamped to indicate the dates that the photographs are taken and shall be well-annotated,
 - (iv) The photograph of each tree shall show clearly the whole tree as far as possible, the identification number of the tree, and the status of the tree as identified by the labelling or marking system on the Site as required in Clause AN1.3.02, and
 - (v) Each of the reports shall include details of any damage caused to the trees and any signs of health deterioration of the trees in the reporting period, accompanied with photographic record of the damage and the tree



deterioration.

- (vi) Each of the reports shall be submitted with details of the Contractor's proposed works for each tree in the forthcoming period, including but not limited to, excavation, protection, pruning, repair of damages, and establishment operation

Protection of preserved trees from physical damage and soil compaction

AN1.5.02

- (1) The Contractor shall erect, secure and maintain in good condition temporary protective fencing with a minimum height of 1.5m to protect the preserved trees. Details of the temporary protective fencing are shown in Drawing Nos. TP001 and TP002 in Annex 1. The Contractor shall submit method statements including proposed design details of the temporary protective fencing to the Engineer for approval and obtain such approval before commencing the erection of the fencing.
- (2) The temporary protective fencing shall be erected along or beyond the perimeter of the tree protection zone of each individual tree. Where the tree protection zones of two or more trees overlap with each other, the temporary protective fencing shall be erected along or beyond the perimeter of the aggregate tree protection zone of the trees or as directed by the Engineer.
- (3) The Contractor shall complete erection of the temporary protective fencing before commencing of site clearance, demolition, construction of permanent or other temporary works, and any other site operations that may affect the trees.
- (4) The Contractor shall remove the temporary protective fencing from the Site upon completion of the Works or earlier if so directed by the Engineer. The Contractor shall not remove or relocate the temporary protective fencing or enter the area enclosed by the temporary protective fencing without the prior agreement of the Engineer.
- (5) If, in the opinion of the Engineer, erection of temporary of protective fencing is not practical, or the preserved tree grows on a retaining structure, then the following precautions shall be taken by the Contractor:
 - (a) The Contractor shall provide temporary protective hessian armouring around tree trunks to protect the preserved trees. When instructed by the Engineer, the Contractor shall provide temporary protective hessian and plank armouring as an alternative to the same trees for enhanced protection. The minimum height of the hessian armouring or hessian and plank armouring from the ground shall be 1.5m. Details of the temporary protective hessian armouring and hessian and plank armouring are shown in Drawing No. TP003 in Annex 1. The Contractor shall submit details of the temporary protective hessian armouring and hessian and plank armouring to the Engineer for approval and obtain such approval before commencing installing such protection measures.
 - (b) Unless otherwise agreed by the Engineer, the ground of the tree protection zones of the trees referred to in the sub-clause (5)(a) of this Clause shall be protected from damage by construction activities through the use of temporary protective mulching to cover the entire tree protection zone. When instructed by the Engineer, double, overlapping, thick metal sheet coverings, or other materials of equivalent strength as agreed by the Engineer, shall be laid on top of the temporary protective mulching to provide additional protection from soil compaction due to passage or parking of vehicles or operation of equipment or machinery. Details of the temporary protective mulching are shown in Drawing No. TP004 in Annex 1. The Contractor shall submit details of the temporary protective mulching to the Engineer for approval and obtain such approval before

Protection of preserved trees from changes in ground levels

AN1.5.03

- (c) The Contractor shall complete erection of the temporary protective armouring and application of the temporary protective mulching before commencing site clearance, demolition, construction of permanent or other temporary works, and any other site operations that may affect the trees.
- (d) The Contractor shall remove the temporary protective armouring and the temporary protective mulching from the Site upon completion of the Works, or earlier if so directed by the Engineer. The Contractor shall not remove or relocate the temporary protective armouring or the temporary protective mulching without the prior agreement of the Engineer.
- (6) Without the Engineer's prior approval, the Contractor shall not change the existing ground levels within the tree protection zones of the preserved trees unless the Contract explicitly requires such changes.
- (7) Where it is necessary for completion of the Works and the Engineer's approval has been obtained for temporarily or permanently reducing the existing ground level around a preserved tree, but this will result in lowering the existing ground level within the tree protection zone, the Contractor shall comply with the following requirements:
 - (a) Construct a retaining wall as shown in Drawing No. TP005 in Annex 1 or similar measures as agreed by the Engineer to accommodate the reduction in the existing ground level around the tree and to ensure the stability of the tree,
 - (b) Before commencing implementation of the measures to accommodate reduction in the ground level pursuant to sub-clause 2(a) of this Clause, submit method statements for the measures, including the necessary engineering design, construction details, and associated precautionary works such as those noted in sub-clause 2(e) of this Clause, for the Engineer's approval,
 - (c) Commence implementation of the measures only after the Engineer's approval of the method statements has been given,
 - (d) Follow the requirements stipulated in Clause AN1.5.04 regarding excavation and cutting of tree roots, and
 - (e) Maintain balanced moisture content in the tree and in the soil after implementation of the measures, by carrying out necessary precautionary measures such as crown thinning, watering and mulching.
- (8) Where it is necessary for completion of the Works and the Engineer's approval has been obtained for temporarily or permanently raising the existing ground level around a preserved tree, but this will result in a rise in the existing ground level within the tree protection zone, the Contractor shall comply with the following requirements:
 - (a) Construct a dry well and soil aeration system as shown in Drawing No. TP006 in Annex 1 or similar measures as agreed by the Engineer to accommodate minor to moderate rise of up to 300 mm in the existing ground level around the tree,
 - (b) Construct a dry well and soil aeration system as shown in Drawing No. TP007 in Annex 1 or similar measures as agreed by the Engineer to accommodate major rise of more than 300mm in the existing ground level around the tree,
 - (c) Before commencing implementation of the measures to accommodate raising the ground level pursuant to sub-clause (3)(a) or (b) of this Clause, the Contractor



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Protection of preserved trees from excavation including trenching	AN1.5.04	<p>shall submit method statements, including the necessary engineering design, construction details, and associated precautionary works for the measures for the Engineer's approval, and</p> <p>(d) Commence implementation of the measures only after the Engineer's approval to the method statements has been given.</p> <p>(1) Without the Engineer's prior approval, the Contractor shall not carry out any excavation within the tree protection zones of the preserved trees unless the Contract explicitly requires such excavation work to be carried out. For the approved excavation work within the tree protection zones, the Contractor shall comply with the following requirements:</p> <p>(a) Obtain agreement from the Engineer about the detailed locations and extent of the excavations before commencing any excavation work,</p> <p>(b) Carry out the following work before commencing any cutting work to the aerial roots or underground roots of the preserved trees:</p> <p>(i) Determine the locations of the major roots and the bulk of their absorbing roots so as to keep the cutting of tree roots to a minimum and to preserve the tap roots, sinker roots and support roots of the trees in any circumstances,</p> <p>(ii) Obtain agreement from the Engineer about the extent of root cutting on the Site, and</p> <p>(iii) Where the stability of the trees is likely to be jeopardised, comply with the requirements stipulated in Clause AN1.5.06.</p> <p>(c) Submit to the Engineer photographic records showing the condition of the affected trees and the agreed extent of excavations and root cuttings as marked on the Site before commencing the excavation work and root-cutting work and thereafter submit photographic records showing the condition of the affected trees and the progress of the excavation work and root-cutting work at weekly intervals until backfilling of the excavation is complete,</p> <p>(d) Excavate the trench on the paved side of the tree if one exists</p> <p>(e) Tunnel the service in the following manner and as shown in Drawing No. TP008 in Annex 1 close to the tree trunk on one side:</p> <p>(i) excavate a trench as narrow as possible directly towards the tree along a radius to not closer than 1.0 m from the trunk or where roots larger than 25 mm in diameter are encountered, whichever distance is farther away from the trunk,</p> <p>(ii) tunnel straight beneath the tree at a depth of not less than 750 mm and in a way to avoid damaging any tap root, sinker roots or support roots,</p> <p>(iii) exit on the opposite side along another radius, and</p> <p>(iv) sleeve the service where it passes beneath the tree to reduce the risk of damage to the service and facilitate future servicing and repair,</p> <p>(f) Pile the excavated materials outside the tree protection zones to reduce soil compaction,</p> <p>(g) Carry out the excavation work carefully so as not to damage the bark and root collars of the preserved trees,</p>	<p>(h) Maintain balanced moisture content in the trees and in the soil after backfilling of the excavation, by carrying out necessary precautionary measures such as crown thinning, watering and mulching, and</p> <p>(i) Move the temporary protection fencing stipulated in Clause AN1.5.02 to the edge of the intended excavation area, between the excavation area and the rest of the tree protection zone, during the duration of excavation work, and move back the same to its original location after backfilling.</p> <p>(2) The Contractor shall take the following precautions when carrying out excavation that involves cutting of the roots of the preserved trees:</p> <p>(a) Excavation shall be carried out using only hand-held tools such as hoe and spade, but not mechanical diggers or bulldozers in any circumstances,</p> <p>(b) Whenever roots are encountered and before root cutting is carried out, soil shall be carefully forked away from the roots using hand-held tools up to the edge along which root cutting is required,</p> <p>(c) Root cutting shall be carried out carefully using sterilised hand-held pruning tools, and roots greater than 25mm in diameter shall be pruned carefully so as not to result in shattered and frayed roots,</p> <p>(d) Any roots damaged during excavation shall be cut back cleanly with sharp tools to undamaged tissue and treated with an approved fungicidal dressing before backfilling,</p> <p>(e) All cut and exposed roots shall be prevented from drying out during excavation by adopting the following measures until backfilling, unless otherwise agreed by the Engineer:</p> <p>(i) Wrap the tap roots, sinker roots, support roots, and roots with diameter exceeding 50mm with hessian, straw or other porous, absorbent fabric once they are exposed,</p> <p>(ii) Hang thick hessian or other porous, absorbent fabric from top of the cut surface over the exposed roots and soil immediately after root cutting, and</p> <p>(iii) Mist the hessian or fabric in a frequency that keeps the roots and the soil at the cut surface moist all the time,</p> <p>(f) The hessian, straw or other porous, absorbent fabric stipulated in sub-clause (2)(e)(i) of this Clause and the hessian or fabric stipulated in sub-clause (2)(e)(ii) of this Clause shall be removed immediately before backfilling, and</p> <p>(g) Excavations shall be backfilled with soil mix incorporated with slow release fertiliser at a rate of 500g/m³ or at a rate as directed by the Engineer to a level equivalent to the original soil level at the root collar after settlement.</p>
	Protection of preserved trees from drilling	AN1.5.05	<p>(1) Without the Engineer's prior approval, the Contractor shall not carry out drilling, such as soil nailing and drilling for bore holes, rock bolts or dowels, within the tree protection zones of the preserved trees unless the Contract explicitly requires such drilling work within the tree protection zones. For the approved drilling work within the tree protection zones, the Contractor shall comply with the following requirements:</p> <p>(a) Obtain agreement from the Engineer about the detailed locations and extent of the drill holes before commencing any drilling work. The Contractor should bear in mind that the drill holes shall be located in such a way that the structures to be</p>



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placed into the drill holes, including the surface elements of the structures such as soil nail heads, are at a minimum distance of 500mm from the trunks of the preserved trees unless otherwise agreed by the Engineer in exceptional circumstances, and

- (b) Carry out the following before commencing any cutting work to the aerial roots or underground roots of the preserved trees:
 - (i) Determine the locations of their major roots and the bulk of their absorbing roots so as to keep the cutting of tree roots to a minimum and to preserve the tap roots, sinker roots and support roots of the trees in any circumstances,
 - (ii) Obtain agreement from the Engineer about the extent of root cutting on the Site,
 - (iii) Where the stability of the trees is likely to be jeopardised, comply with the requirements stipulated in Clause AN1.5.06,
 - (c) Carry out the drilling work carefully so as not to damage the branches, foliage, trunk, bark and root collars of the preserved trees when gaining access for, supporting, mobilising, positioning and operating the drilling rig, and
 - (d) Maintain balanced moisture content in the trees and in the soil after the drilling work, by carrying out necessary precautionary measures such as crown thinning, watering and mulching. Crown thinning shall be by prior approval from the Engineer.
- (2) The Contractor shall take the following precautions when carrying out drilling work that involves cutting of the roots of the preserved trees:
- (a) Drilling work and root cutting work shall be carried out carefully,
 - (b) Roots greater than 25mm in diameter shall be pruned carefully in order to prevent shattered and frayed roots, and
 - (c) Any roots damaged during drilling shall be cut back cleanly with sharp tools to undamaged tissue and treated with an approved fungicidal dressing.

Protection of preserved trees from instability AN1.5.06

- (1) Where the Works involve cutting of any major roots or other major parts of the preserved trees or any other works that may jeopardise the stability of the preserved trees, the Contractor shall install all necessary physical support measures that will ensure the stability of the preserved trees. The Contractor shall pay particular attention to the preserved trees growing on retaining structures in order to prevent the trees from being dislodged from its position as a result of inadequate support.
- (2) The physical support measures for the preserved trees shall be installed securely before commencing root cutting, tree pruning or any other works that may affect the stability of the trees. Before commencing installation of these measures, the Contractor shall submit the method statements of these measures to the Engineer for approval. The Contractor shall commence installation of the support measures only after the Engineer's approval to the method statements has been given.
- (3) The physical support for the preserved trees shall be securely founded in footings independent of existing walls or building structures or in other supporting systems as appropriate, without interfering with other works, other existing features, and the preserved trees. Where the affected tree is growing on a retaining structure, the Contractor shall make a detailed assessment to estimate the weight of the tree and

Pruning of preserved trees AN1.5.07

AN1.5.07

- (a) Details of the form of construction for the support measures to demonstrate the bearing capacity of each element,
 - (b) Details of the foundation of the support measures to demonstrate that the support measures shall not interfere with other works, other existing features, and the preserved trees and shall not affect the stability of the retaining structure,
 - (c) Means of securing the tree to the supporting measures, including how cups and ties are adjusted to the form of the tree, and
 - (d) Method of fabrication and erection on the Site.
- (4) The Contractor shall remove the physical support for the preserved trees from the Site upon completion of the Works, or earlier if so directed by the Engineer. The Contractor shall not remove or relocate the physical support for the trees without the Engineer's prior agreement. The Contractor shall ensure the tree is stable before removing or relocating the physical support for the trees.

Control of pest and disease for preserved trees AN1.5.08

AN1.5.08

- (1) The Contractor shall not carry out pruning to the preserved trees unless the pruning work is required under the Contract or is directed by the Engineer. The Contractor shall notify the Engineer of any preserved trees whose branches interfere with the Works and thus require pruning. Pruning shall only commence after the Engineer's approval has been obtained. The Contractor shall carry out the approved pruning work during the site clearance stage unless otherwise instructed or agreed by the Engineer.
- (2) The Contractor shall comply with the requirements in Clause AN2.9.10 when carrying out the pruning work.
- (1) The Contractor shall take all necessary precautionary measures to protect the preserved trees from pest and disease attack and all necessary control measures to eradicate pest and disease from the infected trees in the execution of the Works. The Contractor shall regularly check for any pest and disease attack particularly during known periods of activity and shall report to the Engineer on any such occurrence.
- (2) Before commencing application of the pest and disease control measures, the Contractor shall submit the method statements of the control measures to the Engineer for approval. The Contractor shall commence application of the control measures only after obtaining the Engineer's approval for the method statements.
- (3) The method statements for the pest and disease control measures shall cover, amongst other aspects as required by the Engineer, the pesticide, insecticide or fungicide to be used and any other necessary associated arboricultural work to the infected areas.
- (4) The Contractor shall comply with the requirements in Clause AN2.9.14 in applying the pest and disease control measures.

AN1.6 REPAIR OF DAMAGE

Repair of

AN1.6.01

- (1) The Contractor shall carry out all necessary work of repair of any damage to the preserved