Version No.: 10
Issue Date: 26 April 2025
Project No.: P525672

Landscape and Visual Mitigation Plan

for

Contract No. DC/2022/02

Drainage Improvement Works at Yuen Long – Stage 2

Environmental Permit No. EP-596/2021

Prepared by:

Aurecon Hong Kong Limited

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COMMERCIAL-IN-CONFIDENCE

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CONTENTS

LIST OF APPENDICES

1 Introduction

1.1 Background

Under the Environmental Impact Assessment (EIA) Ordinance, the EIA Report (Register No.: AEIAR-229/2021) prepared for the “Drainage Improvement Works Near Four Villages in Yuen Long - Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che” (the Project) have been approved by the Environmental Protection Department (EPD) on 03 June 2021. As stipulated in Condition 2.7 of the Environmental Permit No. EP-596/2021, the Permit Holder shall, no later than one month before the commencement of construction of the Project or otherwise approved by the Director, submit to the Director 4 hard copies for approval and 1 electronic copy of a Landscape and Visual Mitigation Plan (LVMP). The LVMP shall incorporate the design of green channel and wildlife corridor with landscape planting along the channel edges with a view to enhancing habitat connectivity and revitalizing the channels with visual and landscape benefits for public enjoyment. The LVMP shall include recommendations of landscape and visual mitigation measures, implementation programme, maintenance and management schedules, and drawings on the scale of 1:1,000 or other appropriate scale, as agreed with the Director, of the landscape and visual mitigation measures. The LVMP shall include an implementation schedule in table form to clearly list out the mitigation measures to be implemented, and the implementation party, location, timing and environmental performance required for implementation of the mitigation measures.

Before submission to the Director, the Plan shall be certified by the Registered Landscape Architect, qualified ecologist(s), the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved EIA report.

Wing Tat Civil Engineering Co. Limited (WTCECL) has been commissioned by the Drainage Service Department to undertake the drainage improvement works; Aurecon Hong Kong Limited has been commissioned by WTCECL to prepare and submit the LVMP to meet Condition 2.7 of the EP.

1.2 Project Scope and Location

To enhance the drainage capacity of the existing drainage systems to lower the flood risks, the construction works of the Project comprises –

(a) construction of drainage channels in Tai Wo, Ha Che, Sung Shan New Village and Lin Fa Tei;
(b) construction of stormwater drains in Ha Che and Lin Fa Tei;
(c) carrying out ancillary works.

The drainage improvement works locate in Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che. The project location plan is shown in **Appendix A.**

2 Landscape and Visual Mitigation Measures

2.1 Recommended Landscape and Visual Mitigation Measures

In section 9 of the approved EIA report, Landscape Resources (LRs), Landscape Character Areas (LCAs) and Visual Sensitive Receivers (VSRs) affected by this Project have been identified and assessed. To alleviate the landscape and visual impacts, a series of mitigation measures are recommended to be implemented during construction phase and operation phase, details of each mitigation measures are summarized in Table 2.1 and Table 2.2. Location of the mitigation measures in construction and operation phase are shown in **Appendix C, D, E and F**.

2.2 Implementation Programme, Maintenance and Management Schedules

The parties to implement, maintain and manage the mitigation measures during construction phase and operation phase are identified and are summarized in Table 2.3 and Table 2.4. An implementation schedule of landscape and visual mitigation measures are shown in **Appendix G**. A fully qualified Landscape Resident Site Staff will be responsible for supervising the implementation of landscape construction works and subsequent maintenance operations during the 12-month establishment period.

Table 2.1 – Mitigation Measures in Construction Phase

ID No.	Mitigation Measure	Details	Environmental Performance / Reference
CM01	Tree Protection and Preservation	According to the approved Final Tree Preservation and Removal Proposal for Drainage Improvement Works in Yuen Long (Batch 2) (Rev.1) issued in September 2022, (hereafter referred as TPRP Rev.1), a total 277 nos. existing tree are surveyed in Tai Wo, Lin Fa Tei, Sung Shan New Village, and Ha Che, among the surveyed trees, 53 nos. of them will be retained and carefully protected. Apart from 277 nos. surveyed trees, 26 nos. trees in Sung Shan New Village and 2 nos. trees in Ha Che are inaccessible/located in private land. A tree survey was conducted after the land was reclaimed. An TPRP amendment submission issued in May 2024 has obtained approval on the tree treatment of the aforementioned 28 nos. tree within private/inaccessible land. 27 nos. of them are proposed to be fell due to the direct conflict of the proposed drainage works and the remaining 1 no. tree will be retained. Thus, a total of 54 (53+1) nos. trees will be retained and protected carefully according to DEVB TC(W) No. 4/2020 - Tree Preservation. Location of retain trees is shown in **Appendix C**. The details of the protective fencing and approved excavation work within the TPZ(s) are referenced to the General Specification for Civil Engineering Works (2020 edition) Section 26 - Preservation and Protection of Trees. A summary table of tree treatment of the Project is presented in Table 3.1.	EIAO-TM, *DEVB TCW No. 4/2020 – Tree Preservation* and latest Guidelines on Tree Preservation during construction period issued by GLTM Section of DEVB
CM02	Offsite Compensatory Tree Planting	Among 305 (277+28) nos. existing trees, 251 (305-54) nos. trees are proposed to be fell, including 16 nos. trees of undesirable species and 18 nos. dead trees. Location of trees proposed to be fell and tree assessment schedule are shown in **Appendix B**. According to Appendix C of DEVB TC(W) No. 4/2020, dead trees are included in the implementation of compensatory tree planting while trees of undesirable species are excluded. Hence, 235 (251-16) nos. compensatory tree are proposed to be planted along the sides of the existing/proposed water course. No offsite compensatory tree planting is needed. The proposed compensatory planting is shown in **Appendix D**.	EIAO-TM; *DEVB TCW No. 4/2020 – Tree Preservation* and GEO Publication No. 1/2011
CM03	Work Area and Temporary Works Area (Good Site Practice)	The construction sequence and construction programme shall be optimized in order to minimize the duration of impact. Construction site controls shall be enforced including the storage of materials, and the location and appearance of site accommodation and site storage. The site office or temporary above-ground structures shall be sited in locations which are not visually prominent. Construction and demolition waste will be removed as soon as possible to avoid stockpiling onsite, whereas the excavated natural bedding materials will be properly stored with covering for reuse in the Project. Construction materials and equipment will be properly stored after use.	EIAO-TM
CM04	Advance Implementation of Mitigation Planting	Temporary loss of trees and vegetation will be compensated upon the completion of the construction activities. 235 nos. compensatory trees, as well as shrubs, and groundcovers will be replanted along the sides of the existing/proposed water course, native species will be adopted in the vegetation compensation. Location and planting schedule of mitigation plantation are shown in **Appendix D**.	EIAO-TM; DEVB TCW No. 4/2020 – *Tree Preservation* and GEO Publication No. 1/2011

ID No.	Mitigation Measure	Details	Environmental Performance / Reference
CM05	Coordination with Concurrent Projects	A coordinated implementation programme with concurrent projects to minimise impacts and where possible reduce the period of disturbance. Construction works have been planned and programmed to minimise impacts and reduce the period of disturbance. For example, the project is scheduled to avoid concurrent construction works with HAD's project which involves the construction of a bridge near the Village Office of Shui Tsan Tin Tsuen, downstream of Lin Fa Tei, such that the extent of construction impact is minimised. Besides, site works and material delivery are well-coordinated and planned to enhance works efficiency to avoid programme delays such that period of disturbance can be reduced.	EIAO-TM
CM06	Decorative Screen Hoarding	Decorative screen hoarding will be erected along areas of the construction works site boundary where the works site borders publicly accessible routes and/or is close to visually sensitive receivers (VSRs) to screen undesirable views of the works site. It is proposed that the screening be compatible with the surrounding environment and where possible, non-reflective, recessive colours be used. Decorated screen hoardings shall be provided for the site offices area and site hoarding designs and location are shown in **Appendix E.**	EIAO-TM
CM07	Light Control	Construction and nighttime lighting glare will be controlled to minimize glare impact to adjacent VSRs during the construction stage. This is considered a general measure for good practice. Lighting fixtures with anti-glare design will be used at site office for security purpose, refer to **Appendix E** for the lighting specification. No lighting will be provided at night-time at the construction sites.	EIAO-TM
CM08	Topsoil Reuse	Excavated topsoil shall be stored at the designated storage area for future re-use by the Project.	EIAO-TM
CM09	Channel Bed Translocation	Excavated natural stream bedding should be conserved for re-use by the Project. This is considered a general measure for promoting sustainability and ecological continuity. Natural rocks, gravel, stone, sand and soil from the excavation natural bedding materials will be conserved and reused in formation of channel bed, refer to OM07 for further details.	EIAO-TM;

Table 2.2 – Mitigation Measures in Operation Phase

ID No.	Mitigation Measure	Details	Environmental Performance / Reference
OM01	Detailed Design Considerations	The alignment of the channel has been designed with minimal landscape and visual impact. For example, rectangular channel design, which has lesser footprint than trapezoidal channel design is considered in the drainage improvement works. The alignment of the channel has enabled the preservation of 54 nos. existing trees, which demonstrate the considerations of minimal landscape impact in the design. Also, the excavated natural bedding material will be re-used to pave the channel to maintain its natural conditions. Design details are shown in **Appendix F**.	EIAO-TM
OM02	Aesthetically Pleasing Design	Retaining walls will be finished with a layer of stone facing finishing which is made of maximum 75mm thick in-situ concrete to create a rough texture mimicking natural stones, this design helps to harmoniously connect the structure with nature and allow climbers planting, design details are shown in **Appendix F**.	EIAO-TM
OM03	Responsive Design of Channel alignments	The design of the channel improvement has considered minimizing the impact on existing trees, 54 nos. existing trees, including trees of large size can be preserved. Furthermore, standard size trees are proposed for tree compensation along the sides of the channel. These provide pleasing landscape along the channels.	EIAO-TM
OM04	Design of Engineering Structures	The reinstatement of improved urban features such as footpaths and bridges associated with the drainage proposals has considered integrating these engineering structures into the existing landscape to help mitigate any slight losses in physical area due to channel realignment and enlargement within the urban area.	EIAO-TM
OM05	Design of Retaining Walls and Channel Embankments	Retaining walls and vertical-wall embankments shall be finished with a layer of stone facing finishing which is made of in-situ concrete as shown in **Appendix F**. Different types of shrubs mix planting are proposed along suitable locations of the channel embankments as shown in **Appendix D**.	EIAO-TM; GEO Publication No. 1/2011; DSD Practice Note No. 3/2021 (formerly No. 1/2015) Guidelines on Environmental and Ecological Considerations for River Channel Design
OM06	Compensatory Planting Proposals at Channel edges	235 nos. compensatory tree planting is proposed, all proposed tree plantings are standard size trees. They all have a 2m crown spread and are at minimal 3m spacing as shown in the **Appendix D.** The trees will be planted in random pattern along the sides of the existing/proposed water course to resemble the village setting and enhance the existing eco-system along the existing water course. All proposed compensatory trees are native trees species of Hong Kong and are commonly found either in the vicinity of surveyed area or in village areas. Moreover, the river channels edges, channel bed riparian area, channel slope embankment shall be planted with naturalistic shady shrub mix and ornamental shady shrub mix, which are in the combination of various native species of shrubs and groundcovers to give channel structure a more natural appearance blending into the local rural landscape. The location and planting schedule of the	EIAO-TM; ETWB TCW No. 10/2013 Tree Preservation

ID No.	Mitigation Measure	Details	Environmental Performance / Reference
		naturalistic shady shrub mix and ornamental shady shrub mix are shown in **Appendix D**.	
OM07	Channel Bed and Embankment Toe Greening	Excavated natural bedding materials will be reused for the formation of channel bed, various types of aquatic plant will be planted on the channel bed in 4 planting patterns. The planting schedule and general arrangement of the planting patterns are shown in **Appendix F**.	EIAO-TM; DSD Practice Note No. 1/2015 Guidelines on Environmental and Ecological Considerations for River Channel Design.
OM08	Channel Edge, Vertical and trailing Greening	Apart from the compensatory tree planting along the proposed channel, groundcover and shrub planting are proposed to beautify the proposed works and help the channel to blend into the surrounding environment. Planting schedule of the shrub mix and groundcover mix and planting arrangement in different landscape area settings are shown in **Appendix D.** Climbing plants species *Ficus pumila* are used to provide vertical greening at the channel wall. Greening designs of channel and planting schedule are shown in **Appendix F**.	EIAO-TM
OM09	Green Paving	The pedestrian/vehicular crossing and footpath area will be reinstated with hard surfacing to provide adequate access for local commuting use, with a portion of the area subject to less traffic loading to be green paved in form of hydroseeding in lieu of grass-crete/ grass-grid. Location of green paving is shown in **Appendix D**. All available spaces for permanent planting have been maximized.	EIAO-TM

Table 2.3 Implementation, Maintenance and Management Schedule for CMs

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Construction Phase - Construction site control					
S9.12.1.1	S.9.2	CM01 - Tree Protection and Preservation Trees / woodland	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM02 – Compensatory Tree Planting	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM03 - Works Area and Temporary Works Areas (Good Site Practice)	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM04 - Advance Implementation of Mitigation Planting	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM05 - Coordination with Concurrent Projects	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM06 - Decorative Screen Hoard	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM07 – Light Control	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Construction Phase - Construction site control					
S9.12.1.1	S.9.2	CM08 – Topsoil reuse	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM09 - Channel Bed Translocation	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor

Table 2.4 Implementation, Maintenance and Management Schedule for OMs

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Operational Phase - Design and Construction of the Works, including Hard work and Soft work					
S.9.12.1.2	S.9.2	OM01 – Detailed Design Considerations	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM02 – Aesthetically Pleasing Design	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM03 – Responsive Design of Channel alignments	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	
			Operation phase		DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM04 – Design of Engineering Structures	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM05 – Design of Retaining Walls and Channel Embankments	`Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM6 – Compensatory Planting Proposals at Channel edges	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents /DLO / LCSD
S.9.12.1.2	S.9.2	OM7 – Channel Bed and Embankment Toe Greening	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM08 – Vertical and trailing Greening	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase		DSD /its management and maintenance agents
S.9.12.1.2	S.9.2	OM09 – Green Paving	Work Sites / Q1 2024 - Q3 2026	Design Consultant / Contractor	-
			Operation phase	-	DSD /its management and maintenance agents

3 Summary of Tree Recommendation and Compensation

3.1 Impact of Proposed Works on Existing Trees

According to the tree survey result in the TPRP (rev.1) issued in September 2022, a total of 305 nos. of tree found in the proposed works areas in Tai Wo, Lin Fa Tei, Sung Shan New Villages and Ha Che, 251 nos. trees are proposed to be fell and had obtained formal approval. An TPRP amendment submission issued in May 2024 has obtained approval for the proposed tree treatment for 28 nos. tree located within private lots/ inaccessible area. Of these, 27 nos. trees are proposed to be felled, and 1 no. tree is proposed to be retained. As a result, a total of 251 nos. trees were to be fell and 54 nos. trees were to be retained. No tree transplanting is recommended due to the low suitability for transplanting. The tree treatment plan and their individual assessment schedule are shown in **Appendix B**.

With reference to the results of the above-mentioned TPRP submissions, the proposed drainage improvement works in Tai Wo will result in felling of 18 nos. trees including 9 nos. trees of undesirable species and 1 no. dead tree. The proposed drainage improvement works in Lin Fa Tei will result in felling of 42 nos. of trees including 1 no. tree of undesirable species and 5 nos. dead tree. The proposed drainage improvement works in Sung Shan New Village will result in felling of 70 nos. of tree including 3 nos. tree of undesirable species, 3 nos. dead tree and 25 nos. tree in private land/inaccessible area. The proposed drainage improvement works in Ha Che will result in felling of 121 nos. of trees including 3 no. trees of undesirable species, 9 nos. dead tree and 2 nos. tree in private land/inaccessible area. The trees proposed to be fell are directly affected by the permanent works.

Table 3.1 Summary of Tree Treatment

Site	Retain Tree			Fell Tree					Existing Tree (i)	No. of Compensatory Tree (excluding undesirable species) (j)
	Accessible Area	Private land / Inaccessible area	Total (c)	Not undesirable species	Dead tree in surveyed area	Undesirable species in surveyed area	Private land / Inaccessible area*	Total (h)		
	(a)	(b)	(a) + (b)	(d)	(e)	(f)	(g)	(d) + (e) + (f) + (g)	(c) + (h)	(d) + (e) + (g)
Tai Wo	1	0	1	8	1	9	0	18	19	9
Lin Fa Tei	12	0	12	36	5	1	0	42	54	41
Sung Shan New Village	20	1	21	39	3	3	25	70	91	67
Ha Che	20	0	20	107	9	3	2	121	141	118
Sub-total	**53**	**1**	**54**	**190**	**18**	**16**	**27***	**251**	**305**	**235****

*Remark: An TPRP amendment submission issued in May 2024 has obtained approval for felling 27 nos. trees in private land/in inaccessible area.

**Remark: The number includes the compensation for trees to be felled in surveyed areas, private land and inaccessible areas (i.e. 190 + 18 + 27 = 235).

3.2 Summary of Tree Compensation

As mentioned in the above sections and Table 2.1, among 251 trees to be removed, 16 trees are undesirable species that does not require compensation. Therefore, a total of 235 trees planting for compensation is proposed, trees are proposed to be planted along the sides of proposed channel/water course. The location plan of compensatory planting and planting schedule are shown in **Appendix D.** The proposed compensatory tree planting is of a ratio not less than 1:1 in terms of number and has fulfilled the requirement as stipulated in Development Bureau Technical Circular (Works) No. 4/2020 – Tree Preservation.

4 Green Channel and Wildlife Corridor

4.1 Green Channel and Wildlife Corridor

The proposed design of the river channels incorporates green channels and wildlife corridors to allow flora and fauna to establish or colonize within the development, and allow the potential passage across or exit the channel for those terrestrial or amphibious animal, to limit the potential habitat fragmentation or obstruction of wildlife movement from crossing or exiting the watercourse habitat. The river channels edges, channel bed riparian area, channel slope embankment shall be planted with naturalistic shady shrub mix and ornamental shady shrub mix, which are in the combination of various native species of shrubs and groundcovers to give channel structure a more natural appearance blending into the local rural landscape. The location and planting schedule of the naturalistic shady shrub mix and ornamental shady shrub mix are shown in **Appendix D**.

4.2 Habitat Restoration for Freshwater Crab

According to Chapter 5 Ecology Section 5.9.18 of the approved EIA report, “in order to restore the habitat for the freshwater crab *Cryptopotamon anacoluthon* which prefer shallow water accumulated with dense leaf-litter, opportunity for tree planting within the embankment by planting bay should be explored, and inclusion of deciduous tree species in the greening design along the channel side, especially in the upstream section at Ha Che where the animal was recorded, should also be included to ensure adequate leaf litter input would be presented for the use of this species.”

The proposed tree planting design incorporates seven trees from three deciduous native tree species (*Sterculia lanceolata*, *Ilex rotunda* var. *microcarpa* and *Cleistocalyx operculatus*) along the upper section of Ha Che where the freshwater crab *Cryptopotamon anacoluthon* were recorded during the EIA Stage. This freshwater crab species does not have a specific preference on the tree species but prefer shallow water accumulated with dense leaf-litter as described in the approved EIA report. In addition, climbing plant species *Ficus pumila* will be planted at the top of the channel wall and the landscape planting with shrub mix along the channel embankment can also produce adequate leaf litter to the channel.

Moreover, the upper section of the green channel will still be ecological and hydrological linked to the untouched upper stream, and leaf litter from this upper stream can still be carried through water current and accumulated at the upper section of the reinstated channel. The location and planting schedule of the proposed tree planting are shown in **Appendix D**.

5 Landscape Maintenance and Management

5.1 Maintenance Responsibility for Landscape Works

The implementation of landscape construction works and subsequent maintenance operations during the 12-month establishment period must be supervised by fully qualified Landscape Resident Site Staff (Registered Landscape Architect or Professional Member of the Hong Kong Institute of landscape Architects). According to the updated Environmental Monitoring and Audit Manual, after completion of the construction works, the Contractor shall provide maintenance for planting works during the 12-month establishment period. Environmental Team shall monitor and prepare report for the planting works in every 3 months during the 12-month establishment period. The monitoring report shall be countersigned by IEC. After the establishment period, the maintenance responsibility will be taken up individually by District Lands Office (DLO) and Leisure and Cultural Services Department (LCSD).

6 Conclusion

This LVMP submission is prepared to fulfill Condition 2.7 of EP No. EP-596/2021. This LVMP submission demonstrates the design objectives of the Project, and the proposed tree compensation proposal has fulfilled the compensation ratio of 1:1 in terms of number those 235 trees to be removed (excluding undesirable species) are compensated by 235 standard size trees. All landscape and visual mitigation measures during the construction and operation phase as stated in the approved EIA Report (Register No.: AEIAR-229/2021) have been considered and adopted into the Project as appropriate.

Appendix A – Project Location Plan

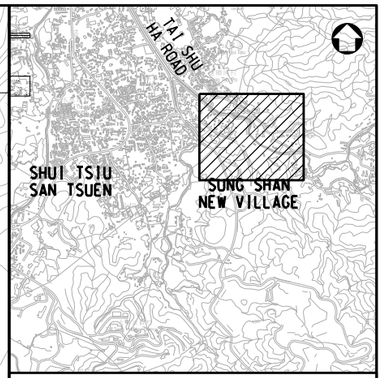
822600 E
822700 E
822800 E
822900 E
831800 N
831600 N
831400 N

PROPOSED CAT LADDER
PROPOSED ANIMAL ESCAPE RAMP
RE-PROVISION OF PEDESTRIAN CROSSING
SSNV.A
PROPOSED CAT LADDER
RE-PROVISION OF PEDESTRIAN CROSSING
PROPOSED ANIMAL ESCAPE RAMP
PRPOSED ANIMAL ESCAPE RAMP AND PROPOSED WIRE MESH ON CHANNEL RAILING
PROPOSED CAT LADDER

9 DP-4101
8 DP-4101
7 DP-4101
6 DP-4101
6A DP-4101
5 DP-4101
4 DP-4100
4A DP-4101
3 DP-4100
2 DP-4100
2A DP-4102
1 DP-4100
1A DP-4101

A

0 10 20 30 40 50 m
1 000 SCALE BAR



KEY PLAN
N.T.S.

NOTES:

1. FOR KEY PLAN, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0000.
2. FOR GENERAL NOTES, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-0001 & 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. FOR PROPOSED ALIGNMENT, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-4001 & 4002.
5. FOR DETAILS OF THE PROPOSED ANIMAL ESCAPE RAMP AND WIRE MESH ON CHANNEL, REFER TO DRAWING NO. 5124336-TD-C2-GEN-9006.

A

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
SUNG SHAN NEW VILLAGE -
GENERAL LAYOUT PLAN

Scale	Designed	Drawn	Checked	Authorised
1 : 1000	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-GEN-4000
Revision: A

User name: LEUN3329 Date:27/10/2022 Time:18:04:16
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-GEN-4000_A.dgn

DO NOT SCALE

Millimetres 0 10 100

825500 E | 825600 E | 825700 E

830800 N | 830700 N

CHEUNG PO

大嵩
TAI WO

TAI WO

PROPOSED U-CHANNEL AND CATCHPIT TO BE CONSTRUCTED BY HAD

900CU

CH.A19.69 | CH.A16.49 | CH.A0.00

PROPOSED CATCHPIT

PROPOSED 900 CU

TRANSITION

1.5m WIDE RECTANGULAR CHANNEL

900mm DIA. PIPE (1:100 FALL) WITH FLAP VALVE I.L. +17.664mPD

PROPOSED 900mm DIA. PIPE (1 IN 3)

PROPOSED CAT LADDER

CH.A109

1.0m WIDE RECTANGULAR CHANNEL

1.5m WIDE RECTANGULAR CHANNEL

PROPOSED BOX CULVERT AND PEDESTRIAN CROSSING

1.5m WIDE RECTANGULAR CHANNEL

CH.A288.29 | CH.A282.29

EXISTING FENCES AND TEMPORARY STRUCTURE TO BE REMOVED

TRANSITION

1.2m WIDE RECTANGULAR CHANNEL

1.0m WIDE RECTANGULAR CHANNEL

CH.A200

TRANSITION

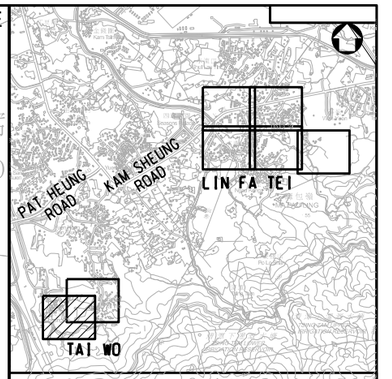
CONNECT TO EXISTING CHANNEL

YLL 803 EXISTING HOARDING & FENCING TO BE LIAISED. FULLY/ PARTIALLY DEMOLISHED ADN RELOCATED IF NECESSARY

PROPOSED CAT LADDER

遊樂場 Playground | 教堂 Church | 啓業花園 Kai Yip Garden

0 5 10 15 20 25 m
1 : 500 SCALE BAR



KEY PLAN
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1. FOR GENERAL LAYOUT PLAN, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0000.
2. FOR GENERAL NOTES, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-0001 & 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. EXACT LENGTH OF SURFACE CHANNEL SHALL BE MEASURED ON SITE AND AGREE WITH THE *SUPERVISOR*.
5. 25mm WIDE EXPANSION JOINT SHALL BE PROVIDED AT MAXIMUM SPACING OF 30m ALONG PROPOSED CHANNEL.
6. SETTING OUT OF EXSITING TEMPORARY STRUCTURE IS FOR INDICATIVE ONLY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION ON SITE.

LEGEND:

EJ — PROPOSED 25mm WIDE EXPANSION JOINT

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER | Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
TAI WO -
PROPOSED ALIGNMENT

Scale	Designed	Drawn	Checked	Authorised
1 : 500	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-5001 | Revision: A

User name: LEUN3329 Date:28/10/2022 Time:14:30:56
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-GEN-5001_A.dgn

DO NOT SCALE

826900 E 827000 E 827100 E 827200 E

832200 N
832000 N
831800 N
831600 N

KAM SHEUNG ROAD

LIN FA TEI

SHUI TSAN TIN

ANIMAL ESCAPE RAMP

CAT LADDER

CAT LADDER

CAT LADDER

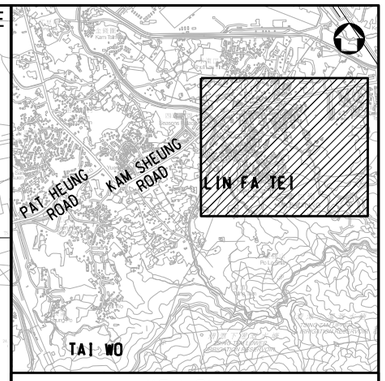
ANIMAL ESCAPE RAMPS

CAT LADDER

CAT LADDER

0 12.5 25 37.5 50 62.5 m
1 : 1 250 SCALE BAR

Millimetres 0 10 100



KEY PLAN
N.T.S.

NOTES:

1. FOR GENERAL LAYOUT PLAN, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0000.
2. FOR GENERAL NOTES, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-0001 & 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. FOR PROPOSED ALIGNMENT, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-6001 TO 6005.

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO. 4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
GENERAL LAYOUT PLAN

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Orignal Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-GEN-6000
Revision: A

User name: LEUN3329 Date:03/11/2022 Time: 16:57:39
FIlename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-GEN-6000_A.dgn

DO NOT SCALE

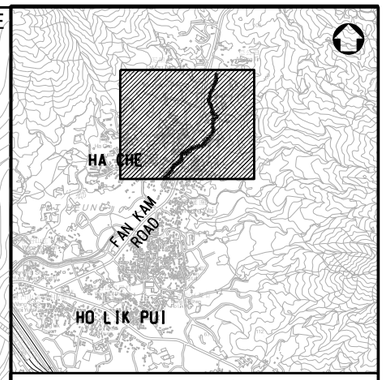
827700 E

834800 N

834600 N

834400 N

HA CHE



KEY PLAN
N.T.S.

NOTES:

1. FOR GENERAL LAYOUT PLAN, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0000.
2. FOR GENERAL NOTES, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-0001 & 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. FOR PROPOSED ALIGNMENT, REFER TO DRAWING NOS. 5124336-TD-C2-GEN-8001 TO 8004.

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO. 4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部
Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
HA CHE -
GENERAL LAYOUT PLAN

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-8000

Revision: A

User name: LEUN3329 Date:04/11/2022 Time: 16:19:54
Filename: P:\CNHKA\GIS\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-GEN-8000_A.dgn

Appendix B – Tree Assessment Schedule and Tree Treatment Plan

Tree Assessment Schedule
in the TPRP Rev.1
Issued in September 2022

Tree Assessment Schedule - **Tree Survey at Sung Shan New Village & Ha Che**

Project Title: **CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1**

Date of Tree Survey: **5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019** **Surveyed by:** **Oriental Landscape Limited**

Revisited date of Tree Survey: **18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022**

Tree No. [2]	Species [3]		Measurements			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP[9]		Additional Remarks[10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
Sung Shan New Village																		
T3	*Acacia auriculiformis*	耳果相思	8	200	4	M	A	A	A	L	e, g	A,B	R	DLO	DLO	N	N	
T4	*Acacia auriculiformis*	耳果相思	7	220	4	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T6	*Psidium guajava*	番石榴	5	150	4	M	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T8	*Ficus microcarpa*	細葉榕	6	280	4	M	A	A	A	L	g	A,B	R	DLO	DLO	Y	N	
T9	*Macaranga tanarius* var. *tomentosa*	血桐	5	180	5	L	P	P	A	L	a, e, c	A,B	F	DLO	-	Y	N	
T10	*Macaranga tanarius* var. *tomentosa*	血桐	6	100	3	M	A	A	A	L	e	A,B	F	DLO	-	Y	N	
T11	*Macaranga tanarius* var. *tomentosa*	血桐	7	155	4	M	A	A	A	L	e	A,B	F	DLO	-	Y	N	
T12	*Leucaena leucocephala*	銀合歡	9	240	4	L	A	A	A	L	e	A,B	F	DLO	-	Y	N	IX
T13	*Ficus hispida*	對葉榕	5	300	6	L	P	P	P	L	a	A,B	F	DLO	-	Y	N	
T14	Ficus hispida	對葉榕	5	135	3	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T15	Ficus hispida	對葉榕	7	245	5	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T16	Macaranga tanarius var. tomentosa	血桐	4	270	3	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T17	Macaranga tanarius var. tomentosa	血桐	6	305	6	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T18	Macaranga tanarius var. tomentosa	血桐	5	120	3	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T19	Ficus hispida	對葉榕	5	120	4	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T20	Ficus hispida	對葉榕	8	270	4	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T21	Macaranga tanarius var. tomentosa	血桐	9	240	4	M	A	A	A	L	e, g	A,B	F	Lot	-	Y	N	
T22	Ficus hispida	對葉榕	10	230	6	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T23	Ficus hispida	對葉榕	7	220	4	L	P	P	P	L	a, e, g	A,B	F	Lot	-	Y	N	
T24	Macaranga tanarius var. tomentosa	血桐	8	235	5	L	P	A	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T25	Celtis sinensis	朴樹	13	980	10	H	A	A	A	L	c, g	A,B	F	Lot	-	Y	N	XIII
T26	Ficus hispida	對葉榕	5	155	4	L	P	P	A	L	a, g	A,B	R	Lot	DSD	Y	N	
T27	Macaranga tanarius var. tomentosa	血桐	6	230	3	M	P	A	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T28	Ficus hispida	對葉榕	6	155	4	M	P	A	A	L	a, g	A,B	F	Lot	-	Y	N	
T29	Macaranga tanarius var. tomentosa	血桐	9	240	5	M	A	A	A	L	e, g	A,B	F	Lot	-	Y	N	
T32	Macaranga tanarius var. tomentosa	血桐	6	160	3	L	P	P	P	L	a, e, g	A,B	F	Lot	-	Y	N	IX
T33	Macaranga tanarius var. tomentosa	血桐	5	120	3	L	P	P	P	L	a, e, g	A,B	F	Lot	-	Y	N	IX
T34	Macaranga tanarius var. tomentosa	血桐	7	120	3	L	P	P	A	L	a, e, g	A,B	F	Lot	-	Y	N	
T35	Macaranga tanarius var. tomentosa	血桐	6	120	3	M	A	A	A	L	e, g	A,B	F	Lot	-	Y	N	
T44	*Erythrina speciosa*	刺桐	7	250	5	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T45	Celtis sinensis	朴樹	9	250	6	M	A	A	A	L	g	A,B	F	Lot	-	Y	N	
T46	Macaranga tanarius var. tomentosa	血桐	8	335	6	M	A	A	A	L	g	A,B	F	Lot	-	Y	N	
T47	Ficus microcarpa	細葉榕	7	275	5	H	A	A	A	L	g	A,B	F	Lot	-	Y	N	
T56	Ficus microcarpa	細葉榕	15	340	11	H	G	A	A	L	g	A,B	R	Lot	DSD	Y	N	

Remarks:

These trees were included in the approved Tree Preservation and Removal Proposal (TPRP) issued in May 2024 after completion of land resumption.

Tree Assessment Schedule - Tree Survey at Sung Shan New Village & Ha Che

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1

Date of Tree Survey: 5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurements			Amenity Value [5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP [9]		Additional Remarks [10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T63	*Celtis sinensis*	朴樹	5	105	4	L	P	A	P	L	a, g	A,B	F	DLO	-	Y	N	
T65	*Ficus hispida*	對葉榕	4	110	4	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T95	*Macaranga tanarius* var. *tomentosa*	血桐	5	330	5	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T139	*Artocarpus heterophyllus*	菠蘿蜜	6	135	4	M	A	A	A	L	g	A,B	R	DLO	DLO	N	N	
T140	*Dimocarpus longan*	龍眼	6	470	7	M	A	A	A	L	c, e	A,B	F	DLO	-	N	N	XIII
T141	*Clausena lansium*	黃皮	6	240	4	H	G	A	A	L	c	A,B	R	DLO	DLO	N	N	III
T142	*Clausena lansium*	黃皮	3	190	3	M	A	A	A	L	c	A,B	R	DLO	DLO	N	N	
T143	*Clausena lansium*	黃皮	4	200	4	M	A	A	A	L	c	A,B	R	DLO	DLO	N	N	
T144	*Clausena lansium*	黃皮	4	120	4	M	P	A	A	L	c	A,B	R	DLO	DLO	N	N	
T145	*Clausena lansium*	黃皮	4	220	4	M	A	A	A	L	c	A,B	R	DLO	DLO	N	N	
T146	*Clausena lansium*	黃皮	4	165	4	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T147	*Clausena lansium*	黃皮	4	205	5	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T148	*Psidium guajava*	番石榴	2	145	2	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	
T149	*Artocarpus heterophyllus*	菠蘿蜜	8	205	4	M	A	G	A	L	c	A,B	F	DLO	-	N	N	III
T150	*Litchi chinensis*	荔枝	7	255	5	M	A	G	A	L	e	A,B	F	DLO	-	N	N	III
T151	*Clausena lansium*	黃皮	4	170	4	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T152	*Clausena lansium*	黃皮	4	135	3	M	A	A	A	L	c, f	A,B	F	DLO	-	N	N	
T153	*Clausena lansium*	黃皮	4	190	4	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T154	*Citrus maxima*	柚	5	275	5	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T155	*Ficus hispida*	對葉榕	7	290	5	M	A	A	A	L	h	A,B	F	DLO	-	N	N	
T156	*Ceiba pentandra*	爪哇木棉	7	140	4	M	A	A	A	M		A,B	R	DLO	DLO	N	N	
T157	*Acacia auriculiformis*	耳果相思	8	155	4	M	A	A	A	L	e	A,B	R	DLO	DLO	N	N	
T158	*Leucaena leucocephala*	銀合歡	6	140	5	L	P	A	P	L	e	A,B	F	DLO	-	N	N	
T159	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T160	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T161	*Macaranga tanarius* var. *tomentosa*	血桐	4	115	3	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T162	*Bauhinia purpurea*	紅花羊蹄甲	5	165	5	M	P	A	A	L	a, e, g	A,B	R	DLO	DLO	Y	N	
T163	*Macaranga tanarius* var. *tomentosa*	血桐	5	125	3	M	P	A	A	L	a, e, g	A,B	R	DLO	DLO	Y	N	
T164	*Macaranga tanarius* var. *tomentosa*	血桐	3	140	2	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T165	*Macaranga tanarius* var. *tomentosa*	血桐	6	190	6	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T166	*Acacia auriculiformis*	耳果相思	10	340	6	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T167	*Ceiba pentandra*	爪哇木棉	4	100	3	M	P	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T168	*Macaranga tanarius* var. *tomentosa*	血桐	5	205	4	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T169	*Acacia auriculiformis*	耳果相思	10	155	5	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T184	*Ficus microcarpa*	細葉榕	10	500	9	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T185	*Ficus microcarpa*	細葉榕	12	325	9	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T186	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	

Tree Assessment Schedule - **Tree Survey at Sung Shan New Village & Ha Che**

Project Title: **CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1**

Date of Tree Survey: **5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019** **Surveyed by:** **Oriental Landscape Limited**

Revisited date of Tree Survey: **18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022**

Tree No. [2]	Species [3]		Measurements			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP[9]		Additional Remarks[10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T187	*Ficus microcarpa*	細葉榕	8	240	8	M	A	A	A	L	b	A,B	F	DLO	-	N	N	
T188	*Acacia confusa*	台灣相思	9	280	6	L	P	A	A	L	e	A,B	F	DLO	-	N	N	
T189	*Ficus benjamina*	垂葉榕	8	140	6	M	P	A	A	L	a	A,B	F	DLO	-	N	N	
T190	*Acacia confusa*	台灣相思	8	220	10	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T191	*Ficus benjamina*	垂葉榕	12	340	8	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T192	*Ficus microcarpa*	細葉榕	11	280	10	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T193	*Ficus microcarpa*	細葉榕	11	240	7	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T194	*Acacia confusa*	台灣相思	10	340	10	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T195	*Ficus benjamina*	垂葉榕	8	120	6	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T196	*Ficus microcarpa*	細葉榕	12	340	10	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T214	*Artocarpus heterophyllus*	菠蘿蜜	12	260	8	M	A	G	A	L	g	A,B	F	DLO	-	Y	N	III
T228	*Leucaena leucocephala*	銀合歡	7	180	6	L	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	IX
T229	*Ficus hispida*	對葉榕	4	280	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T230	*Ficus hispida*	對葉榕	3	105	3	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T231	*Macaranga tanarius* var. *tomentosa*	血桐	3	135	4	L	P	P	A	L	a, e, g	A,B	R	DLO	DLO	Y	N	
T232	*Ficus hispida*	對葉榕	5	235	5	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T233	*Macaranga tanarius* var. *tomentosa*	血桐	5	250	4	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T234	*Ficus hispida*	對葉榕	3	160	4	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T252	*Ficus hispida*	對葉榕	7	295	7	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T253	*Macaranga tanarius* var. *tomentosa*	血桐	8	200	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	

Additional tree photos were included in the approved Tree Preservation and Removal Proposal (TPRP) issued in May 2024 for further approval.

Tree Assessment Schedule - Tree Survey at Sung Shan New Village & Ha Che

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1

Date of Tree Survey: 5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019 **Surveyed by:** Oriental Landscape Limited

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurements			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP[9]		Additional Remarks[10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
Ha Che																		
T462	*Celtis sinensis*	朴樹	8	100	4	M	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T463	*Celtis sinensis*	朴樹	9	235	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T464	*Ficus hispida*	對葉榕	7	500	5	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T465	*Ficus subpisocarpa*	筆管榕	6	185	6	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T466	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T467	*Cleistocalyx nervosum*	水翁	9	235	8	M	A	A	A	L	b, g	A,B	F	DLO	-	Y	N	
T470	*Macaranga tanarius* var. *tomentosa*	血桐	6	220	6	M	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1125	*Cleistocalyx nervosum*	水翁	10	355	8	L	A	P	P	L	a, b, g	A,B	F	DLO	-	Y	N	
T1126	*Cinnamomum camphora*	樟	10	540	12	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII
T1132	*Ficus tinctoria*	斜葉榕	4	175	4	M	A	A	A	L	b, g	A,B	R	DLO	DLO	Y	N	
T1149	*Cinnamomum camphora*	樟	7	120	4	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T1157	*Macaranga tanarius* var. *tomentosa*	血桐	6	120	4	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T1170	*Macaranga tanarius* var. *tomentosa*	血桐	12	230	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1171	*Macaranga tanarius* var. *tomentosa*	血桐	8	180	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1173	*Dimocarpus longan*	龍眼	8	270	3	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1177	*Cinnamomum camphora*	樟	15	610	12	H	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII
T1178	*Melaleuca cajuputi*	白千層	15	800	9	H	A	A	A	L	c, g	A,B	R	DLO	DLO	Y	N	XIII
T1179	*Bauhinia variegata*	宮粉羊蹄甲	10	300	4	M	A	A	A	L	g	A,B	R	DLO	DLO	Y	N	
T1180	*Ficus hispida*	對葉榕	7	160	3	M	A	A	A	L	g	A,B	R	DLO	DLO	Y	N	
T1181	*Cleistocalyx nervosum*	水翁	8	170	5	M	A	A	A	L	b, g	A,B	F	DLO	-	Y	N	
T1182	*Celtis sinensis*	朴樹	12	480	6	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	
T1183	*Ficus hispida*	對葉榕	3	200	2	L	P	A	P	L	a, g	A,B	F	DLO	-	Y	N	II
T1184	*Celtis sinensis*	朴樹	5	110	3	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T1185	*Ficus subpisocarpa*	筆管榕	6	350	4	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1186	*Ficus subpisocarpa*	筆管榕	6	260	6	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1187	*Lagerstroemia speciosa*	大花紫薇	7	150	4	M	A	A	A	L	c, g	B	R	DLO	DLO	N	N	
T1188	*Michelia alba*	白蘭	7	190	3	M	A	A	A	L	c	B	R	DLO	DLO	N	N	
T1189	*Michelia alba*	白蘭	7	150	3	L	P	P	A	L	a	B	R	DLO	DLO	N	N	
T1190	*Ficus hispida*	對葉榕	5	95	3	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T1214	*Celtis sinensis*	朴樹	7	295	5	M	A	A	A	L	e	A,B	R	DLO	DLO	N	N	XIII
T1218	*Dimocarpus longan*	龍眼	6	200	5	M	A	A	A	L	e	A,B	R	LCSD	LCSD	N	N	
T1247	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	LCSD	-	-	-	
T1248	*Cinnamomum camphora*	樟	12	1300	10	M	A	A	A	L	c, g	A,B	R	LCSD	LCSD	Y	N	XIII
T1249	*Ficus hispida*	對葉榕	8	170	4	L	P	P	P	L	a, g	A,B	F	LCSD	-	Y	N	
T1250	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	LCSD	-	-	-	
T1266	*Bauhinia blakeana*	洋紫荊	12	270	10	M	A	A	A	L	g	A,B	R	LCSD	LCSD	Y	N	
T1267	*Ficus subpisocarpa*	筆管榕	10	170	6	M	P	A	A	L	g	A,B	R	LCSD	LCSD	Y	N	

Tree Assessment Schedule - Tree Survey at Sung Shan New Village & Ha Che

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Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurements			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP[9]		Additional Remarks[10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T1297	*Ficus subpisocarpa*	筆管榕	5	160	4	M	A	A	A	L	b	A,B	R	LCSD	LCSD	N	N	
T1298	*Dimocarpus longan*	龍眼	5	145	4	M	A	A	A	L	e	A,B	R	LCSD	LCSD	N	N	
T1299	*Sterculia lanceolata*	假蘋婆	6	270	5	M	A	A	A	L	c	A,B	R	DLO	DLO	N	N	
T1309	*Cleistocalyx nervosum*	水翁	12	595	8	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	XIII
T1310	*Celtis sinensis*	朴樹	14	660	16	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII
T1321	*Macaranga tanarius* var. *tomentosa*	血桐	8	170	8	L	P	P	A	L	a, e, g	A.B	F	DLO	-	Y	N	
T1322	*Ficus hispida*	對葉榕	5	190	4	L	P	A	A	L	g	A.B	F	DLO	-	Y	N	
T1325	*Macaranga tanarius* var. *tomentosa*	血桐	10	290	10	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1326	*Macaranga tanarius* var. *tomentosa*	血桐	8	170	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1330	*Celtis sinensis*	朴樹	6	295	5	M	A	G	A	L	c, g	A,B	F	DLO	-	Y	N	III
T1333	*Leucaena leucocephala*	銀合歡	9	230	7	L	P	A	P	L	a, e, g	A,B	F	DLO	-	N	N	III
T1334	*Ficus subpisocarpa*	筆管榕	7	270	7	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1335	*Morus alba*	桑	12	190	8	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1336	*Macaranga tanarius* var. *tomentosa*	血桐	9	255	8	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T1337	*Litchi chinensis*	荔枝	7	120	3	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T1338	*Ficus hispida*	對葉榕	6	230	3	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1339	*Ficus hispida*	對葉榕	8	210	8	L	A	A	P	L	g	A,B	F	DLO	-	Y	N	
T1340	*Macaranga tanarius* var. *tomentosa*	血桐	7	160	5	L	P	P	P	L	a, e	A,B	F	DLO	-	Y	N	
T1341	*Cleistocalyx nervosum*	水翁	9	160	7	M	A	A	P	L	g	A,B	F	DLO	-	Y	N	
T1342	*Cleistocalyx nervosum*	水翁	10	500	12	H	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII
T1343	*Psidium guajava*	番石榴	5	130	4	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T1344	*Macaranga tanarius* var. *tomentosa*	血桐	9	130	10	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T1345	*Sterculia lanceolata*	假蘋婆	10	110	7	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1346	*Macaranga tanarius* var. *tomentosa*	血桐	6	100	4	L	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1347	*Cleistocalyx nervosum*	水翁	6	100	6	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T1348	*Macaranga tanarius* var. *tomentosa*	血桐	4	160	7	L	P	P	A	L	a, e, g	A,B	F	DLO	-	Y	N	
T1349	*Ficus hispida*	對葉榕	8	170	8	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1352	*Ficus hispida*	對葉榕	7	110	6	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	
T1353	*Macaranga tanarius* var. *tomentosa*	血桐	9	180	11	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1354	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T1355	*Dimocarpus longan*	龍眼	14	550	16	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	
T1356	*Cleistocalyx nervosum*	水翁	14	490	16	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	
T1357	*Ficus hispida*	對葉榕	10	330	12	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1358	*Dimocarpus longan*	龍眼	7	205	5	M	A	A	A	L	e, g	A,B	F	DLO	-	N	N	
T1359	*Citrus maxima*	柚	7	100	5	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T1360	*Ficus variegata*	青果榕	9	235	7	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T1361	*Ficus hispida*	對葉榕	5	110	4	L	P	A	A	L	h	A,B	F	DLO	-	N	N	
T1362	*Artocarpus heterophyllus*	菠蘿蜜	10	350	8	M	A	A	A	L	c	A,B	F	DLO	-	N	N	XIII

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Tree Assessment Schedule - Tree Survey at Sung Shan New Village & Ha Che

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Date of Tree Survey: 5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurements			Amenity Value [5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP [9]		Additional Remarks [10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T1363	*Dimocarpus longan*	龍眼	7	130	4	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T1366	*Dimocarpus longan*	龍眼	7	150	4	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T1367	*Ficus hispida*	對葉榕	8	250	4	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1369	*Ficus variegata*	青果榕	14	560	12	M	A	A	A	L	c, g	A,B	F	DLO	DLO	Y	N	XIII
T1375	*Cleistocalyx nervosum*	水翁	14	420	10	M	A	A	A	L	c, g	A,B	F	DLO	DLO	Y	N	XIII
T1377	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T1381	*Cleistocalyx nervosum*	水翁	14	220	9	M	A	A	A	L	g	A.B	F	DLO	-	Y	N	
T1384	*Macaranga tanarius* var. *tomentosa*	血桐	10	150	7	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1389	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T1390	*Carica papaya*	番木瓜	4	140	3	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	
T1391	*Cleistocalyx nervosum*	水翁	6	280	5	L	P	P	P	L	a, g	A,B	R	DLO	DLO	Y	N	
T1394	*Ficus hispida*	對葉榕	5	100	5	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1398	*Cleistocalyx nervosum*	水翁	11	165	6	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1409	*Cleistocalyx nervosum*	水翁	7	200	8	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1411	*Cinnamomum camphora*	樟	5	110	0	M	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1412	*Cleistocalyx nervosum*	水翁	14	380	12	L	P	P	A	L	a, c, g	A,B	F	DLO	-	Y	N	
T1413	*Sterculia lanceolata*	假蘋婆	7	130	7	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T1419	*Macaranga tanarius* var. *tomentosa*	血桐	12	405	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1420	*Macaranga tanarius* var. *tomentosa*	血桐	16	470	10	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1449	*Celtis sinensis*	朴樹	14	600	10	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII

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	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T1450	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T1467	*Sterculia lanceolata*	假蘋婆	9	120	4	M	P	A	A	L	g	A,B	R	HAD	DSD	Y	N	
T1501	*Ficus hispida*	對葉榕	6	240	8	L	P	P	A	L	a	A,B	F	DLO	-	N	N	
T1503	*Ficus hispida*	對葉榕	8	130	8	L	A	A	P	L		A,B	F	DLO	-	N	N	
T1505	*Ficus hispida*	對葉榕	8	155	9	M	A	A	A	L	h	A,B	F	DLO	-	N	N	
T1544	*Macaranga tanarius* var. *tomentosa*	血桐	8	365	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1545	*Ficus variegata*	青果榕	12	415	10	M	P	A	A	L	c, g	A,B	F	DLO	-	Y	N	XIII
T1547	*Ficus hispida*	對葉榕	9	160	7	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T1549	*Macaranga tanarius* var. *tomentosa*	血桐	7	160	8	L	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1551	*Ficus hispida*	對葉榕	7	190	5	L	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1552	*Cleistocalyx nervosum*	水翁	14	665	10	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	XIII
T1555	*Macaranga tanarius* var. *tomentosa*	血桐	8	270	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1561	*Macaranga tanarius* var. *tomentosa*	血桐	6	170	4	L	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1565	*Bauhinia blakeana*	洋紫荊	10	210	6	M	P	A	A	L	b	A,B	F	DLO	-	N	N	
T1566	*Spathodea campanulata*	火焰木	12	615	8	M	P	A	A	L	c	A,B	F	DLO	-	N	N	
T1567	*Macaranga tanarius* var. *tomentosa*	血桐	12	260	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1568	*Ficus hispida*	對葉榕	6	160	6	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	
T1569	*Bauhinia blakeana*	洋紫荊	8	210	8	M	A	A	A	L	g	A,B	F	DLO	-	N	N	
T1570	*Spathodea campanulata*	火焰木	12	485	8	M	A	A	A	L	c, g	A,B	F	DLO	-	Y	N	
T1571	*Celtis sinensis*	朴樹	8	280	8	H	A	A	A	L	f	A,B	F	DLO	-	N	N	
T1572	*Leucaena leucocephala*	銀合歡	8	190	6	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	
T1573	*Eucalyptus urophylla*	尾葉桉	10	160	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1574	*Eucalyptus urophylla*	尾葉桉	12	300	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1575	*Eucalyptus urophylla*	尾葉桉	10	400	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1576	*Eucalyptus urophylla*	尾葉桉	13	300	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1577	*Eucalyptus urophylla*	尾葉桉	12	450	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1578	*Leucaena leucocephala*	銀合歡	6	145	4	L	A	A	P	L	e, g	A,B	F	DLO	-	Y	N	
T1579	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	N	
T1580	*Eucalyptus urophylla*	尾葉桉	5	130	2	M	A	A	A	L	e, g	A,B	R	DLO	DLO	Y	N	

Additional tree photos were included in the approved Tree Preservation and Removal Proposal (TPRP) issued in May 2024 for further approval.

Tree Assessment Schedule - Tree Survey at Sung Shan New Village & Ha Che

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1

Date of Tree Survey: 5/12/2019, 6/12/2019, 10/12/2019, 11/12/2019, 13/12/2019, 16/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurements			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation ***	Maintance Department to Provide Comments on TPRP[9]		Additional Remarks[10]		
	Botanical name	Chinesename	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects* ***
T1581	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	N	
T1582	*Eucalyptus urophylla*	尾葉桉	10	400	8	M	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1583	*Eucalyptus urophylla*	尾葉桉	7	180	3	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1584	*Eucalyptus urophylla*	尾葉桉	13	250	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1585	*Eucalyptus urophylla*	尾葉桉	12	220	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1586	*Eucalyptus urophylla*	尾葉桉	8	260	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1588	*Eucalyptus urophylla*	尾葉桉	10	220	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1589	*Eucalyptus urophylla*	尾葉桉	10	260	5	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1590	*Eucalyptus urophylla*	尾葉桉	8	180	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1591	*Eucalyptus urophylla*	尾葉桉	8	260	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1592	*Eucalyptus urophylla*	尾葉桉	10	180	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1593	*Eucalyptus urophylla*	尾葉桉	10	180	4	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1594	*Eucalyptus urophylla*	尾葉桉	9	190	6	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1596	*Eucalyptus urophylla*	尾葉桉	11	230	7	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1597	*Eucalyptus urophylla*	尾葉桉	8	180	4	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1599	*Eucalyptus urophylla*	尾葉桉	6	100	3	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T1642	*Eucalyptus urophylla*	尾葉桉	10	110	7	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	

[1] For large-scale infrastructure works projects, such as site formation works and advance infrastructure works for new town development, tree group survey can be adopted subject to the justification(s) provided.

[2] Tree(s) in the Register of Old and Valuable Trees should be highlighted with their registration numbers.

[3] Guidance on proper use of scientific name of plants is given in the Agriculture, Fisheries and Conservation Department's Nature Conservation Practice Note No. 3, which can be viewed at AFCD's web page *http://www.afcd.gov.hk/english/conservation/con_tech/files/common/NCPC_No.03_The_use_of_plant_names_rev_2008_2.pdf*).

[4] DBH of a tree refers to its diameter at breast height (i.e. measured at 1.3 m above ground level). Guidance on DBH measurement is given in the Agriculture, Fisheries and Conservation Department's Nature Conservation Practice Note No. 2, which can be viewed at AFCD's web page *http://www.afcd.gov.hk/english/conservation/con_tech/files/common/NCPN_No.02_measurement_of_DBH_ver.2006.pdf*) .

[5] Amenity value of a tree should be assessed by its functional values for shade, seasonal interest, screening, reduction of pollution and noise and also its fung shui significance, and classified into the following categories.

High (H): important trees which should be retained by adjusting the design layout accordingly.

Medium (M): trees that are desirable to be retained in order to create a pleasant environment, which includes healthy specimens of lesser importance than "High" trees.

Low(L): trees that are dead, dying or potentially hazardous and should be removed.

[6] Assessment shall take into account conditions of an individual tree at the time of survey (including health, structure, age and root conditions), site conditions (including topography and accessibility), and intrinsic characters of tree species (survival rate after transplanting).

[7] Major determining factors for the rating on suitability for transplanting should be included if necessary.

[8] State the rarity and protection status of the species.

[9] Refer to paragraphs 35 and 36 of the Circular.

[10] Any additional information deemed necessary for consideration of the proposed management recommendation.

#NOTES

* Major determining factors for the rating on suitability for transplanting should be included if necessary.

a. poor health; b. unbalanced structure; c. mature tree; d. unable to prepare a balanced root ball;
e. species of poor survival rate after transplantation; f. inaccessible by proper machanics; g. inclined root ball
h. multi-trunk

** State the rarity and protection status of the species.

A. Not a protected species under Forestry Regulations;

B. Not a rare and endanger species;

*** Recommendation

R- Retain where applicable

F - Fell due to very poor condition OR weed tree which conflict with proposed work.

****Any additional information deemed necessary for consideration of the proposed management recommendation.

I. heavy vine growth; II. poor condition; III. good condition; IV. poor growing condition

V. large pruning wounds; VI. large broken wounds; VII. cavity; VIII. fungal fruiting body; IX. weed tree;
X. heavy leaning; XI. conflict with adjoining structure; XII. exposed rootball ; XIII very large tree

Tree Assessment Schedule - Tree Survey at Tai Wo, Lin Fa Tei

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1 **Appendix C**

Date of Tree Survey: 21/11/2019, 22/11/2019, 25/11/2019, 26/11/2019, 28/11/2019, 2/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurement			Amenity Value [5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation***	Maintenance department to provide comments on TPRP [9]		Additional Remarks [10]		
	Scientific name	Chinese name	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects****
Lin Fa Tei																		
T1990	*Macaranga tanarius* var. *tomentosa*	血桐	7	230	5	M	A	A	A	L	e, g	A,B	R	LCSD	LCSD	Y	N	
T1992	*Sapium sebiferum*	烏桕	8	300	7	M	P	A	A	L	e, g	A,B	R	LCSD	LCSD	Y	N	
T1993	*Ligustrum sinense*	山指甲	6	170	6	L	P	A	P	L	h, g	A,B	R	LCSD	LCSD	Y	N	
T1994	*Leucaena leucocephala*	銀合歡	7	130	5	L	P	P	P	L	a, e, g	A,B	F	LCSD	-	Y	N	IX
T1995	*Macaranga tanarius* var. *tomentosa*	血桐	6	200	5	M	A	A	A	L	e, g	A,B	R	LCSD	LCSD	Y	N	
T2185	*Celtis sinensis*	朴樹	8	900	12	M	A	A	A	L	c, g	A,B	F	LCSD	-	Y	N	X, XIII
T2229	*Macaranga tanarius* var. *tomentosa*	血桐	7	160	5	L	P	P	P	L	a, e, g	A,B	R	LCSD	LCSD	Y	N	
T2231	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	LCSD	-	-	-	
T2233	*Macaranga tanarius* var. *tomentosa*	血桐	8	140	6	M	A	P	A	L	a, e, g	A,B	R	LCSD	LCSD	Y	N	
T2234	*Macaranga tanarius* var. *tomentosa*	血桐	9	140	7	M	A	P	A	L	a, e, g	A,B	R	LCSD	LCSD	Y	N	
T2236	*Ficus hispida*	對葉榕	5	160	5	L	P	P	P	L	a, g	A,B	R	DLO	DLO	Y	N	
T2369	*Macaranga tanarius* var. *tomentosa*	血桐	5	130	5	L	P	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T2370	*Ficus hispida*	對葉榕	8	415	8	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T2371	*Ficus hispida*	對葉榕	6	350	8	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T2385	*Ficus hispida*	對葉榕	7	240	6	L	P	P	P	L	a, h	A,B	R	DLO	DLO	N	N	
T2386	*Bridelia tomentosa*	土蜜樹	6	220	5	L	P	A	A	L	a	A,B	F	DLO	-	N	N	
T2389	*Morus alba*	桑	6	250	5	L	P	A	A	L	a	A,B	F	DLO	-	N	N	
T2391	*Ficus hispida*	對葉榕	6	275	6	L	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T2401	*Ficus hispida*	對葉榕	4	150	6	L	P	P	A	L	a	A,B	F	DLO	-	N	N	
T2407	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T2408	*Ficus hispida*	對葉榕	5	185	5	L	P	P	A	L	a	A,B	F	DLO	-	N	N	
T2425	*Bischofia javanica*	秋楓	11	150	7	M	A	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T2505	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T2513	*Celtis sinensis*	朴樹	7	120	4	L	P	A	A	L	b	A,B	R	DLO	DLO	N	N	
T2545	*Aleurites moluccana*	石栗	10	500	9	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	
T2558	*Ficus hispida*	對葉榕	4	180	4	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T2559	*Clausena lansium*	黃皮	5	150	4	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T2560	*Dimocarpus longan*	龍眼	7	510	10	M	A	A	A	L	c, e	A,B	F	DLO	-	N	N	
T2561	*Clausena lansium*	黃皮	6	155	4	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T2562	*Clausena lansium*	黃皮	6	225	4	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T2563	*Clausena lansium*	黃皮	6	200	5	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T2564	*Dimocarpus longan*	龍眼	6	325	6	M	A	A	A	L	c, e	A,B	R	DLO	-	N	N	
T2570	*Macaranga tanarius* var. *tomentosa*	血桐	7	200	8	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1 **Appendix C**

Date of Tree Survey: 21/11/2019, 22/11/2019, 25/11/2019, 26/11/2019, 28/11/2019, 2/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurement			Amenity Value [5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation***	Maintenance department to provide comments on TPRP [9]		Additional Remarks [10]		
	Scientific name	Chinese name	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P))			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects****
T2578	*Clausena lansium*	黃皮	6	120	4	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2582	*Macaranga tanarius* var. *tomentosa*	血桐	3	120	2	M	A	A	A	L	e, g	A,B	F	DLO	-	Y	N	
T2589	*Archontophoenix alexandrae*	假檳榔	4	100	2	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2591	*Ficus microcarpa*	細葉榕	9	750	5	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2592	*Dimocarpus longan*	龍眼	9	670	5	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	
T2593	*Dimocarpus longan*	龍眼	10	630	9	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	XIII
T2594	*Dimocarpus longan*	龍眼	7	325	6	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	XIII
T2598	*Melia azedarach*	苦楝	8	350	5	M	P	A	A	L	c, g	A,B	F	DLO	-	Y	N	
T2599	*Ficus microcarpa*	細葉榕	5	220	2	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2600	*Melia azedarach*	苦楝	8	110	3	L	P	P	A	L	a, c	A,B	F	DLO	-	N	N	
T2603	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T2611	*Archontophoenix alexandrae*	假檳榔	6	110	3	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2664	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T2673	*Ficus hispida*	對葉榕	4	175	5	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T2675	*Ficus hispida*	對葉榕	5	140	2	L	P	P	A	L	a, g	A,B	F	DLO	-	Y	N	
T2676	*Ficus hispida*	對葉榕	6	250	6	M	P	A	A	L	g	A,B	F	DLO	-	Y	N	
T2677	*Celtis sinensis*	朴樹	6	210	6	M	A	A	A	L	c	A,B	F	DLO	-	N	N	
T2678	*Macaranga tanarius* var. *tomentosa*	血桐	6	105	4	M	A	A	A	L	e	A,B	F	DLO	-	N	N	
T2683	*Ficus hispida*	對葉榕	7	270	6	L	P	P	A	L	a	A,B	F	DLO	-	N	N	
T2684	*Macaranga tanarius* var. *tomentosa*	血桐	6	185	6	L	P	P	A	L	a, e	A,B	R	DLO	DLO	N	N	XIII
T2687	*Dimocarpus longan*	龍眼	13	495	12	H	A	A	A	L	c, e	A,B	F	DLO	-	N	N	

Project Title: CE22/2013(DS) Drainage Improvement Works in Yuen Long , Stage 1 **Appendix C**

Date of Tree Survey: 21/11/2019, 22/11/2019, 25/11/2019, 26/11/2019, 28/11/2019, 2/12/2019 **Surveyed by: Oriental Landscape Limited**

Revisited date of Tree Survey: 18/8/2022, 26/8/2022, 29/8/2022, 5/9/2022

Tree No. [2]	Species [3]		Measurement			Amenity Value[5]	Form	Health Condition	Structural condition	Suitable for transplanting [6]		Conservation status [8] **	Recommendation***	Maintenance department to provide comments on TPRP[9]		Additional Remarks[10]		
	Scientific name	Chinese name	Height (m)	DBH [4] (mm)	Crown spread (m)	(High (H) /Medium (M) /Low (L))	(Good (G)/ Average (A)/ Poor (P)			(High (H) /Medium (M) /Low (L))	Remarks [7] *		(Retain (R) / Transplant (T) / Fell (F))	Before	After	Tree on Slope? (Y/N)	OVT? (Y/N)	Defects****
Tai Wo																		
T2034	*Leucaena leucocephala*	銀合歡	7	140	4	L	P	P	P	L	a, g	A,B	F	DSD	-	Y	N	
T2067	*Ficus microcarpa*	細葉榕	6	220	6	M	A	A	A	L	g	A,B	R	DSD	DSD	Y	N	
T2077	Dead Tree		-	-	-	-	-	-	-	-	-	-	-	DLO	-	-	-	
T2080	*Celtis sinensis*	朴樹	10	270	7	L	P	P	A	L	a, c	A,B	F	DLO	-	N	N	
T2082	*Artocarpus heterophyllus*	菠蘿蜜	12	425	8	M	P	P	L	L	a, c	A,B	F	DLO	-	N	N	
T2086	*Leucaena leucocephala*	銀合歡	9	170	5	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	IX
T2105	*Ficus hispida*	對葉榕	6	210	6	L	P	P	A	L	a, h, g	A,B	F	DLO	-	Y	N	
T2107	*Ficus hispida*	對葉榕	7	175	6	L	P	P	A	L	a, h, g	A,B	F	DLO	-	Y	N	
T2108	*Ficus hispida*	對葉榕	6	235	5	L	P	P	A	L	a, h, g	A,B	F	DLO	-	Y	N	
T2113	*Leucaena leucocephala*	銀合歡	14	500	7	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	IX
T2114	*Leucaena leucocephala*	銀合歡	10	300	7	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	IX
T2115	*Macaranga tanarius* var. *tomentosa*	血桐	10	305	10	M	A	A	A	L	g	A,B	F	DLO	-	Y	N	
T2116	*Leucaena leucocephala*	銀合歡	9	120	5	L	P	P	P	L	a, g	A,B	F	DLO	-	Y	N	IX
T2118	*Leucaena leucocephala*	銀合歡	8	110	7	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	IX
T2119	*Leucaena leucocephala*	銀合歡	9	150	7	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	IX
T2122	*Morus alba*	桑	8	305	6	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	IX
T2124	*Leucaena leucocephala*	銀合歡	6	130	5	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	IX
T2125	*Leucaena leucocephala*	銀合歡	7	200	7	L	P	P	P	L	a, e	A,B	F	DLO	-	N	N	IX
T2143	*Dimocarpus longan*	龍眼	11	430	7	M	A	A	A	L	c, e, g	A,B	F	DLO	-	Y	N	XIII

[1] For large-scale infrastructure works projects, such as site formation works and advance infrastructure works for new town development, tree group survey can be adopted subject to the justification(s) provided.

[2] Tree(s) in the Register of Old and Valuable Trees should be highlighted with their registration numbers.

[3] Guidance on proper use of scientific name of plants is given in the Agriculture, Fisheries and Conservation Department's Nature Conservation Practice Note No. 3, which can be viewed at AFCD's web page *http://www.afcd.gov.hk/english/conservation/con_tech/files/common/NCPC_No.03_The_use_of_plant_names_rev_2008_2.pdf*).

[4] DBH of a tree refers to its diameter at breast height (i.e. measured at 1.3 m above ground level). Guidance on DBH measurement is given in the Agriculture, Fisheries and Conservation Department's Nature Conservation Practice Note No. 2, which can be viewed at AFCD's web page *http://www.afcd.gov.hk/english/conservation/con_tech/files/common/NCPN_No.02_measurement_of_DBH_ver.2006.pdf*).

[5] Amenity value of a tree should be assessed by its functional values for shade, seasonal interest, screening, reduction of pollution and noise and also its fung shui significance, and classified into the following categories.

High (H): important trees which should be retained by adjusting the design layout accordingly.

Medium (M): trees that are desirable to be retained in order to create a pleasant environment, which includes healthy specimens of lesser importance than "High" trees.

Low(L): trees that are dead, dying or potentially hazardous and should be removed.

[6] Assessment shall take into account conditions of an individual tree at the time of survey (including health, structure, age and root conditions), site conditions (including topography and accessibility), and intrinsic characters of tree species (survival rate after transplanting).

[7] Major determining factors for the rating on suitability for transplanting should be included if necessary.

[8] State the rarity and protection status of the species.

[9] Refer to paragraphs 35 and 36 of the Circular.

[10] Any additional information deemed necessary for consideration of the proposed management recommendation.

#NOTES

* Major determining factors for the rating on suitability for transplanting should be included if necessary.
a. poor health; b. unbalanced structure; c. mature tree; d. unable to prepare a balanced root ball;
e. species of poor survival rate after transplantation; f. inaccessible by proper machanics; g. inclined root ball
h. multi-trunk

** State the rarity and protection status of the species.
A. Not a protected species under Forestry Regulations;
B. Not a rare and endanger species;

*** Recommendation
R- Retain where applicable

F - Fell due to very poor condition OR weed tree which conflict with proposed work.

****Any additional information deemed necessary for consideration of the proposed management recommendation.
I. heavy vine growth; II. poor condition; III. good condition; IV. poor growing condition
V. large pruning wounds; VI. large broken wounds; VII. cavity; VIII. fungal fruiting body; IX. weed tree;
X. heavy leaning; XI. conflict with adjoining structure; XII. exposed rootball; XIII very large tree

Tree Assessment Schedule
in the TPRP Amendment Submission
Issued in May 2024

Tree Assessment Schedule

Project Title: Contract No. DC/2022/02 Drainage Improvement Works at Yuen Long, Stage 2

Date of Tree Survey: 19/2/2024

Surveyed by: LAU SIU YEUNG (UKAA PR5206)

Tree No.	Species		Measurements			Amenity Value	Form	Health Condition	Structural Condition	Suitability for transplanting		Conservation Status	Recommendation (Previous Approved TPRP Ref. (00X5AJ) in DSD DP 7/11/51/22	Recommendation (in this Submission)	Maintenance department to provide comments on TPRP		Additional Remarks
	Scientifc Name	Chinese Name	DBH (mm)	Height (m)	Crown Spread (m)	(High/ Medium/ Low)	(Good/ Average/ Poor)	(Good/ Average/ Poor)	(Good/ Average/ Poor)	(High/ Medium/ Low)	Remarks#		(Retain / Transplant / Remove)	(Retain / Transplant / Remove/ Removed/ Tree Not Found)	Before	After	
Shung Shan New Village																	
T14	*Ficus hispida*	對葉榕	180	8	4	Low	Poor	Poor	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, climbers, no leader shoot, epicormics
T15	*Ficus hispida*	對葉榕	245	5	5	Low	Poor	Poor	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, climbers, stub, cross branch
T16	*Macaranga tanarius var. tomentosa*	血桐	290	9	6	Low	Poor	Poor	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, abnormal bark crack on branch, animal scratching on branch, wound on branch, wilted foliage
T17	*Macaranga tanarius var. tomentosa*	血桐	305	7	6	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	wound on trunk, epicormics
T18	*Macaranga tanarius var. tomentosa*	血桐	120	5	5	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, climbers, codominant trunk
T19	*Ficus hispida*	對葉榕	130	7	4	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	-
T20	*Ficus hispida*	對葉榕	348	8	6	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, triple trunks, broken branch
T21	*Macaranga tanarius var. tomentosa*	血桐	332	9	8	Low	Poor	Average	Average	Low	e, g	A,B	Remove	Remove	DSD	-	leaning, codominant trunk, wound, epicormics
T22	*Ficus hispida*	對葉榕	230	10	5	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, wounds on trunk
T23	*Ficus hispida*	對葉榕	220	5	3	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, wounds on trunk
T24	*Macaranga tanarius var. tomentosa*	血桐	250	8	6	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, climbers, stub
T25	*Celtis sinensis*	朴樹	980	13	18	Medium	Poor	Average	Average	Low	c, g	A,B	Remove	Remove	DSD	-	codominant stem, included bark, crook branch, climbers, decaying wound on branch, wound on branch
T26	*Ficus hispida*	對葉榕	164	5	4	Low	Poor	Poor	Poor	Low	a, d, g, j	A,B	Retain	Remove	DSD	-	absence of leader shoot, broken branch, climbsers and heavily vined, growth in steep slope, Conflict with proposed works
T27	*Macaranga tanarius var. tomentosa*	血桐	280	8	6	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	leaning, wound on branch, imbalanced form
T28	*Ficus hispida*	對葉榕	155	6	3	Low	Poor	Poor	Average	Low	a, g	A,B	Remove	Remove	DSD	-	leaning, shaded by other trees
T29	*Macaranga tanarius var. tomentosa*	血桐	340	9	9	Low	Poor	Average	Average	Low	e, g	A,B	Remove	Remove	DSD	-	leaning, codominant branch
T32	*Macaranga tanarius var. tomentosa*	血桐	190	8	7	Low	Average	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	codominant branch
T33	*Macaranga tanarius var. tomentosa*	血桐	120	3	2	Low	Poor	Poor	Poor	Low	a, e, g	A,B	Remove	Remove	DSD	-	dead branch, epicormics
T34	*Macaranga tanarius var. tomentosa*	血桐	130	8	6	Low	Poor	Average	Average	Low	a, e, g	A,B	Remove	Remove	DSD	-	wilted foliage
T35	*Macaranga tanarius var. tomentosa*	血桐	130	6	3	Low	Poor	Poor	Poor	Low	e, g	A,B	Remove	Remove	DSD	-	severe leaning, wilted foliage
T45	*Celtis sinensis*	朴樹	370	11	9	Medium	Average	Average	Average	Low	g	A,B	Remove	Remove	DSD	-	codominant branch
T46	*Macaranga tanarius var. tomentosa*	血桐	335	9	6	Low	Average	Average	Poor	Low	g	A,B	Remove	Remove	DSD	-	leaning, epicormics, wounds, exposed roots
T47	*Ficus microcarpa*	細葉榕	424	9	8	Medium	Average	Average	Average	Low	g	A,B	Remove	Remove	DSD	-	wall tree, cross branch, wound on branch
T56	*Ficus microcarpa*	細葉榕	340	15	17	Medium	Average	Average	Average	Low	g	A,B	Retain	Retain	DSD	DSD	wall tree, epicormics
T229	*Ficus hispida*	對葉榕	280	4	5	Low	Poor	Average	Average	Low	e, g	A,B	Remove	Remove	DSD	-	crook trunk, codominant trunk
T230	*Ficus hispida*	對葉榕	105	3	3	Low	Poor	Poor	Poor	Low	a, b, d, e, g, j	A,B	Retain	Remove	DSD	-	poor health condition, sparse foliage density, climbsers and heavily vined, growth in steep slope, Conflict with proposed works
Ha Che																	
T1326	*Macaranga tanarius var. tomentosa*	血桐	250	8	5	Low	Poor	Average	Average	Low	e, g	A,B	Remove	Remove	DLO	-	leaning
T1555	*Macaranga tanarius var. tomentosa*	血桐	270	5	4	Low	Poor	Average	Average	Low	e, g	A,B	Remove	Remove	DLO	-	leaning, wound on trunk

 # Remarks for Suitability for Transplanting

(a) Poor health;
(b) unbalanced structure;
(c) mature tree;
(d) unable to prepare a balanced root ball;
(e) species of poor survival rate after transplantation;
(f) inaccessible by proper mechanics;
(g) tree growth under poor conditions which have limited the formation of proper root ball necessary
(h) multi-trunk;
(i) weed species not suitable for transplanting; or
(j) poor tree form

Conservation status

(A) Not a protected species under Forestry Regulations
(B) Not a rare and endanager species

DO NOT SCALE

827700 E
827900 E
828100 E
828300 E
834800 N
834600 N
834400 N

CHUNG YAN PEI
A KUNG TIN
FAN KAM ROAD
SHUI KAN SHEK
SHEUNG CHE
HA CHE
CHUK HANG

5124336-DD-C2-TREE-HC-8001
5124336-DD-C2-TREE-HC-8002
5124336-DD-C2-TREE-HC-8003
5124336-DD-C2-TREE-HC-8004
5124336-DD-C2-TREE-HC-8005
5124336-DD-C2-TREE-HC-8006

Millimetres 0 10 100

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE FELLED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
B	JAN 22	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT HA CHE

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8000
Revision: B

User name: SINA7185 Date:8/8/2022 Time:12:30:52 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-HC-8000.dgn

DO NOT SCALE

Millimetres 100 0 10

834950 N
834900 N
834850 N

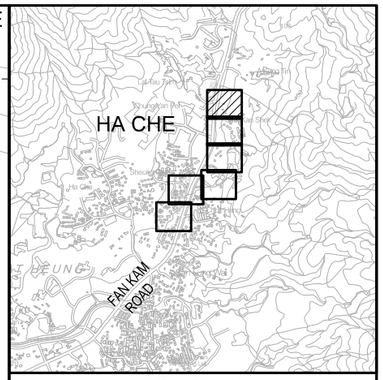
828200 E
828250 E
828300 E

Open Storage
Pipeline
FAN KAM ROAD
Open Storage

T462
T463
T464
T465
T466
T467
T470
T1501
T1503
T1505
T1544
T1545
T1547
T1549
T1551
T1552

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8002

0 5 10 m
1 : 250 SCALE BAR



KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE SURVEY PLAN AT HA CHE (SHEET 1 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8001
Revision: A

User name: SINA7185 Date:9/7/2022 Time: 2:34:08 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-HC-8001.dgn

DO NOT SCALE

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8001

MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8003

834800 N
834750 N
834700 N
822000 E
822250 E
822500 E

T1551 T1552 T1555 T1561 T1567 T1565 T1568 T1566 T1569 T1570 T1571 T1573 T1572 T1574 T1575 T1576 T1577 T1578 T1579 T1580 T1581 T1582 T1583 T1584 T1585 T1586 T1588 T1590 T1589 T1593 T1591 T1592 T1599 T1594 T1596 T1597 T1642

FAN KAM ROAD

Open Storage
Open Storage
The Arbutus
Road

House 12
House 11
House 10
House 9
House 8
House 7
House 6
House 5
House 3
House 2
House 1

TS
FP
RCP
ET
HL

KEY PLAN
N.T.S.

HA CHE
FAN KAM ROAD

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE FELLED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitable By: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT HA CHE (SHEET 2 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Orginal Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8002
Revision: A

0 5 10 m
1 : 250 SCALE BAR

Millimetres 0 10 100

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MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8002

DO NOT SCALE

834200 E
834250 E
834300 E
834650 N
834600 N

FAN KAM ROAD
Road
Track
Open Storage

T1467
T1449
T1450
T1419
T1420
T1384
T1394
T1398
T1381
T1411
T1377
T1409
T1412

TS
FB
SHR

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8004

0 5 10 m
1 : 250 SCALE BAR

Millimetres 0 10 100

HA CHE
TSEUNG
FAN KAM ROAD

KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Project Title: DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title: TREE TREATMENT PLAN AT HA CHE (SHEET 3 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8003
Revision: A

User name: SINA7185 Date:7/15/2022 Time:4:04:20 PM
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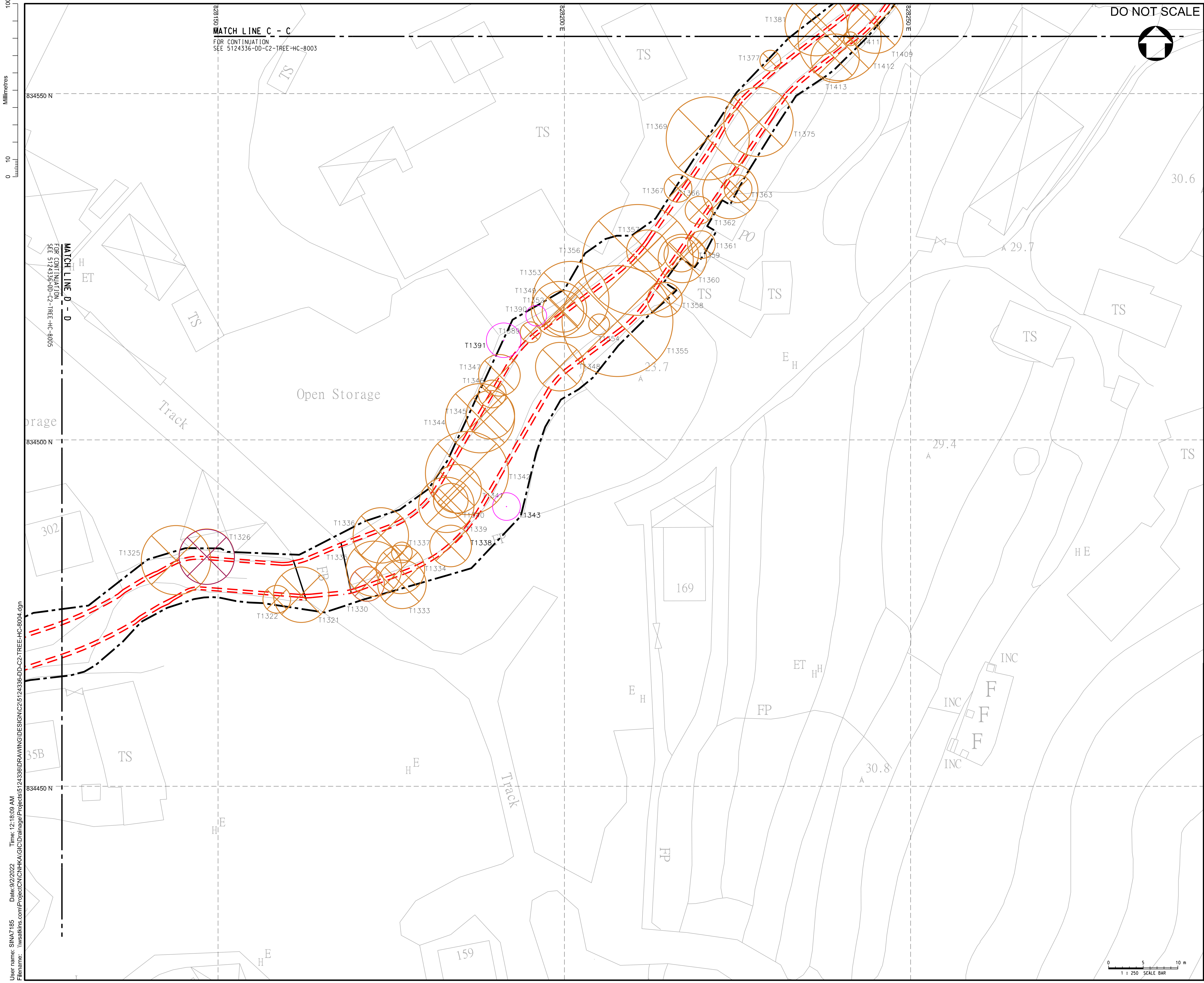

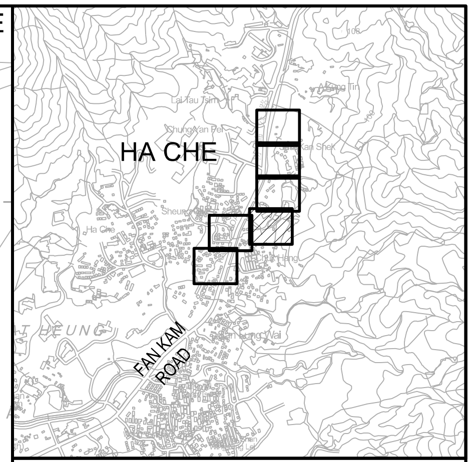

KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE FELLED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client:
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title:
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title:
TREE TREATMENT PLAN
AT HA CHE
(SHEET 4 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8004
Revision: A

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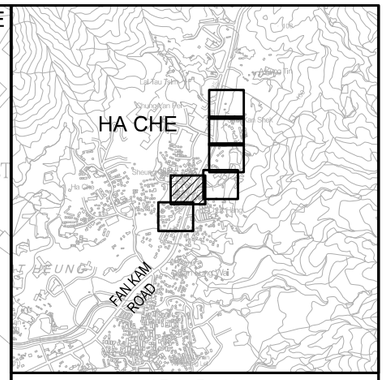
DO NOT SCALE

MATCH LINE D - D
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8004

MATCH LINE E - E
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-HC-8006



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
B	JAN 22	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitable for: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN
AT HA CHE
(SHEET 5 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8005
Revision: B

1 : 250 SCALE BAR

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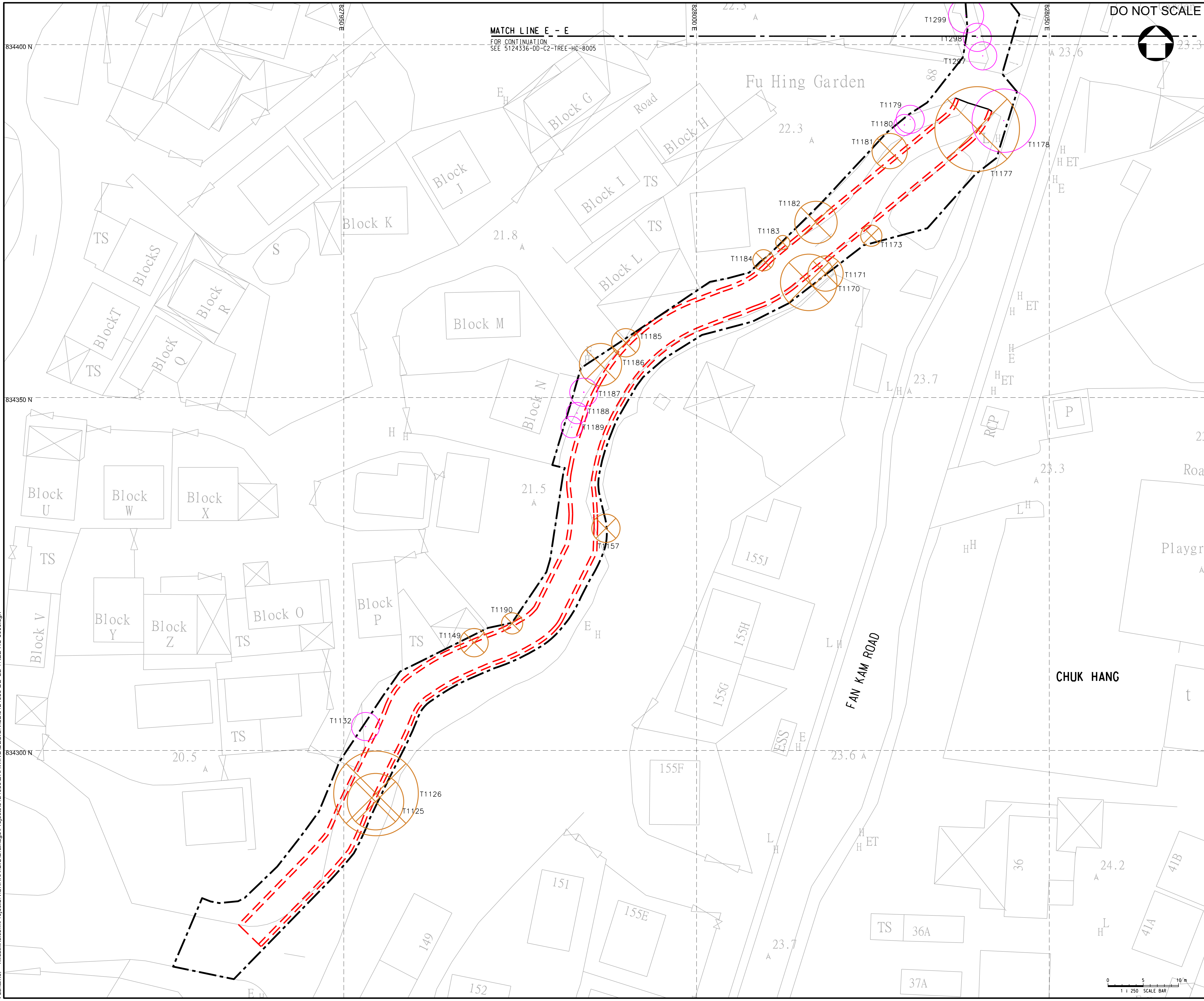

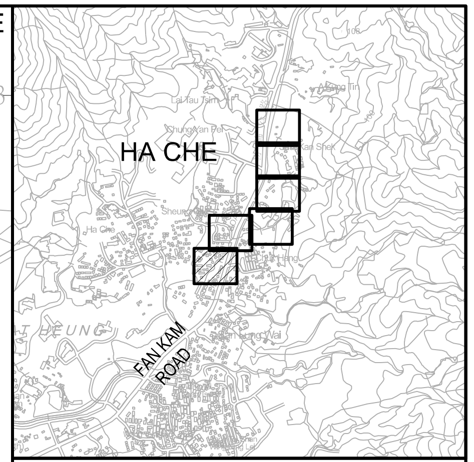

KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION,
DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN
AT HA CHE
(SHEET 6 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	PK
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-HC-8006
Revision: B

User name: SINA7185 Date:7/18/2022 Time: 3:22:11 PM
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DO NOT SCALE

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE Ffelled

5124336-DD-C2-TREE-LFT-6002

5124336-DD-C2-TREE-LFT-6001

5124336-DD-C2-TREE-LFT-6007

5124336-DD-C2-TREE-LFT-6004

5124336-DD-C2-TREE-LFT-6005

5124336-DD-C2-TREE-LFT-6008

5124336-DD-C2-TREE-LFT-6006

5124336-DD-C2-TREE-LFT-6003

KAM SHEUNG ROAD

LIN FA TEI

SHUI TSAN TIN

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT LIN FA TEI

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6000

Revision: A

0 12.5 25 37.5 50 62.5 m
1 : 1 250 SCALE BAR

User name: SINA7185 Date:8/18/2022 Time:6:48:33 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6000.dgn

DO NOT SCALE

MATCH LINE A – A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6002

KAM SHEUNG ROAD

LIN FA TEI

1000mm HIGH FLOOD WALL

800mm HIGH FLOOD WALL WITH 200 DIA. DRAIN HOLES, 1000 C/C

800mm HIGH FLOOD WALL WITH 200 DIA. DRAIN HOLES, 1000 C/C

800-1000mm HIGH FLOOD WALL AT BOTH SIDES OF EXISTING CHANNEL WALL

800mm HIGH FLOOD WALL WTIH 500mm HIGHER THAN EXISTING GROUND LEVEL

800mm HIGH FLOOD WALL WTIH 500mm HIGHER THAN EXISTING GROUND LEVEL

T2236

832200 N
832150 N
832100 N
825850 E
826000 E
826150 E
826300 E

0 5 10 m
1 : 250 SCALE BAR

Millimetres 0 10 100

User name: SINA7185 Date:7/4/2022 Time: 6:49:33 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIO\Drainage Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6001.dgn

KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
B	JUL 22	THIRD ISSUE	AS	CC	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT LIN FA TEI (SHEET 1 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

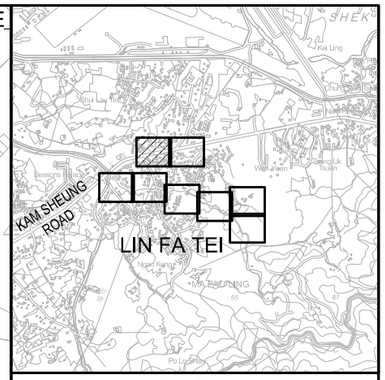
Drawing Number: 5124336-DD-C2-TREE-LFT-6001
Revision: B

DO NOT SCALE

Millimetres 100 0 10

832200 N
832150 N
832100 N
825700 E
825750 E
825800 E
825850 E

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6001



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

1000mm HIGH FLOOD WALL WITH 200mm DIA. DRAIN HOLE, 1000mm C/C

1000mm HIGH FLOOD WALL

KAM SHEUNG ROAD

1650ø

T2185 T1990 T1992 T1993 T1994 T1995 T2229 T2231 T2233 T2234

Lotus Villa

Pearl Garden

Pipeline

0 5 10 m
1 : 250 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
C	JUL 22	FOURTH ISSUE	AS	SHC	KP
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitable for: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

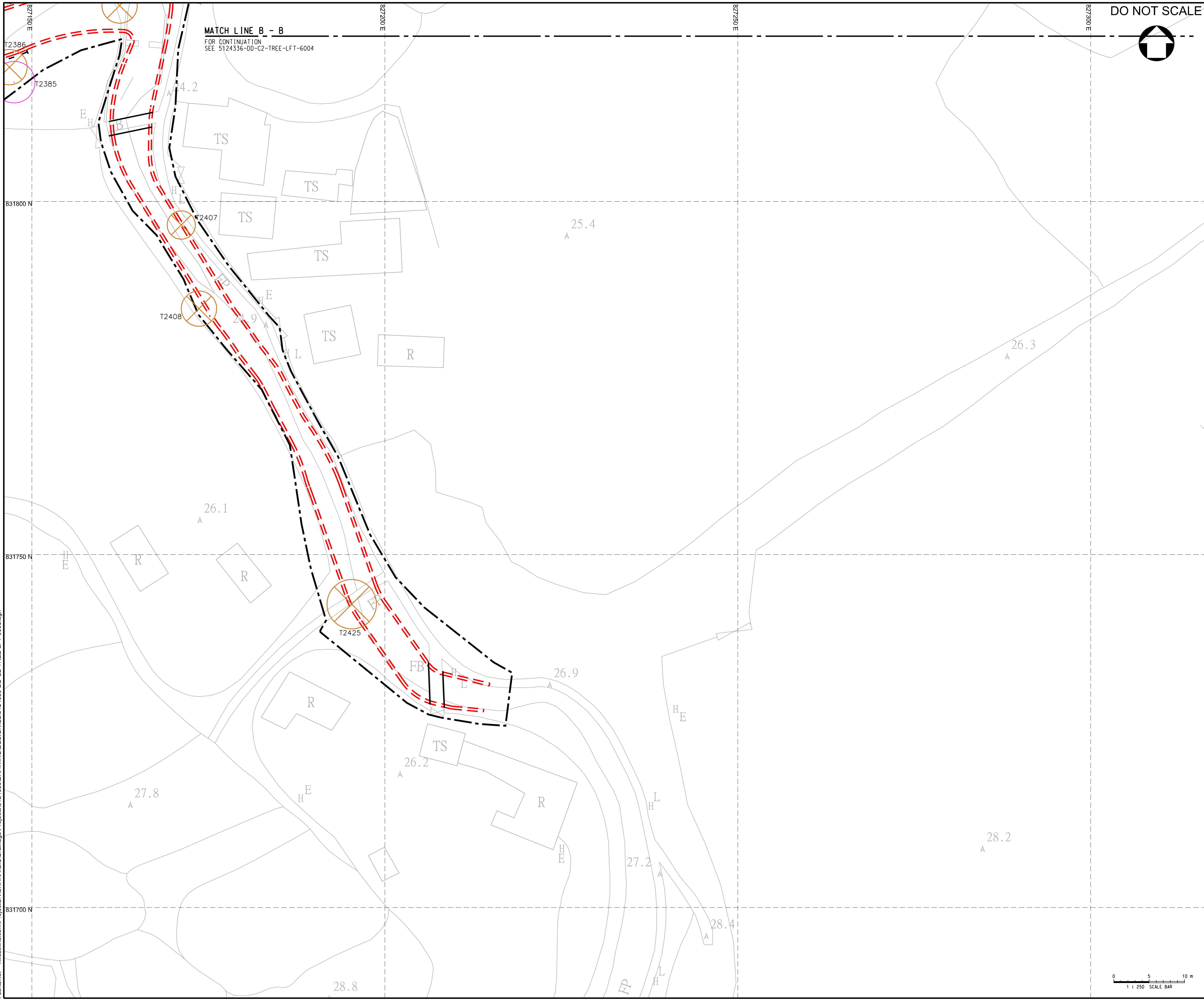
Drawing Title
TREE TREATMENT PLAN AT LIN FA TEI (SHEET 2 OF 8)

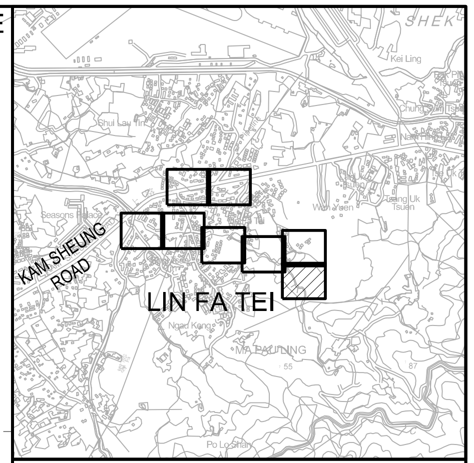
Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6002
Revision: C

User name: SINA7185 Date:8/8/2022 Time: 2:04:20 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6002.dgn

DO NOT SCALE





KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE FELLED

0 5 10 m
1 : 250 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: –

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Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION,
DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN
AT LIN FA TEI
(SHEET 3 OF 8)

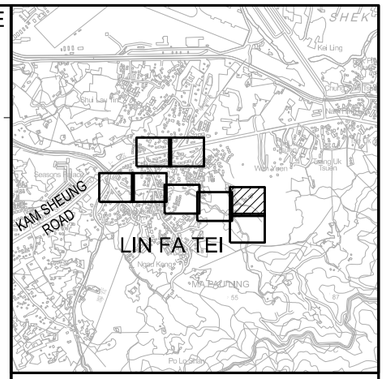
Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6003
Revision: -

User name: SINA7185 Date:7/21/2022 Time: 11:36:17 AM
Filename: \\wsatkins.com\Projects\CN\CNHKAG\C\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6003.dgn

Millimetres 0 10 100

DO NOT SCALE



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

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Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT LIN FA TEI (SHEET 4 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6004
Revision: A

Millimetres 100 0 10

8271501 E 8272001 E 8272501 E 8273001 E
831950 N 831900 N 831850 N

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6005

MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6003

392 270 2A 2B 2C 2D 3A 3B 1A 1B 5B 5C 5D R TS
22.9 23.3 23.6 23.9 24.6 24.4 24.8 23.8 23.7 23.1 24.5
T2401 T2389 T2386

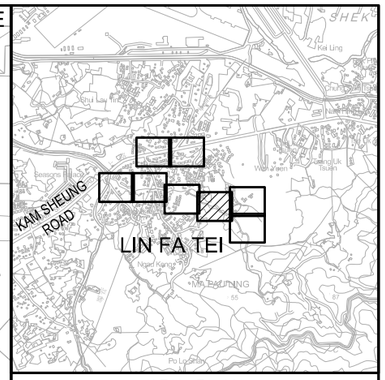
0 5 10 m
1 : 250 SCALE BAR

User name: SINA7185 Date:7/21/2022 Time: 11:39:24 AM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6004.dgn

DO NOT SCALE

MATCH LINE D - D
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6006

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6004



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitable By: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

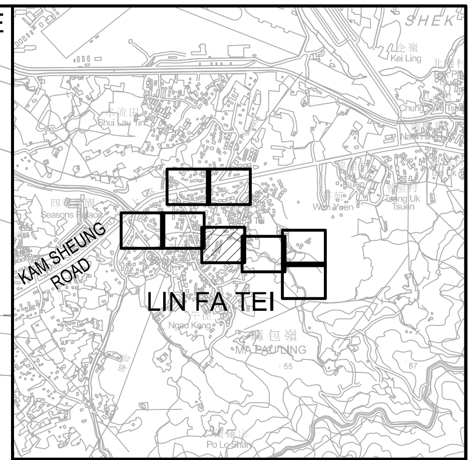
Drawing Title
TREE TREATMENT PLAN
AT LIN FA TEI
(SHEET 5 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6005
Revision: A

0 5 10 m
1 : 250 SCALE BAR

User name: SINA7185 Date:7/21/2022 Time:11:42:47 AM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6005.dgn



KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS

Member of the SNC-Lavalin Group

Client:

渠務署

Drainage Services Department

工程管理部

Project Management Division

Project Title:

DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION

CE 22/2013 (DS)

Drawing Title:

TREE TREATMENT PLAN AT LIN FA TEI (SHEET 6 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6006

Revision: A

SCALE BAR 1 : 250 (0, 5, 10 m)

DO NOT SCALE

Millimetres 100 0 10

MATCH LINE F - F
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6008

MATCH LINE E - E
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6006

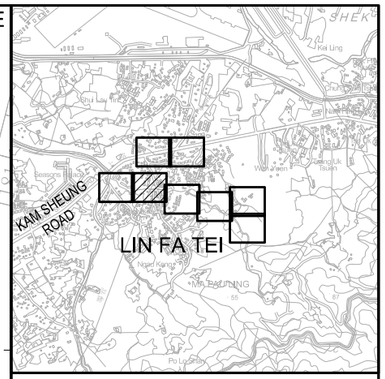
832700 E
832750 E
832800 E
832000 N
831950 N
831900 N

Kam Lung Terrace
Ngan Bo Garden
Pipeline
Pipeline
SHUI TSAN TIN

7C 7B 7A 6C 6B 6F 6G 6H 6K 6L 6 7 9 9A 10 10B 10C 11A 11B 11C 11D 11E 47 48 46 A1 A2 A12 156G 156H 156F 156J 156D 156C 156B 156A 180A R TS

T2545 T2560 T2561 T2562 T2563 T2564 T2558 T2559 T2570

17.7 18.2 17.5 19.8 18.9 19.6 19.2



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT LIN FA TEI (SHEET 7 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6007
Revision: A

0 5 10 m
1 : 250 SCALE BAR

User name: SINA7185 Date:8/19/2022 Time:6:46:11 PM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6007.dgn

DO NOT SCALE

Millimetres 100 0 10

832850 E
832900 E
832950 E

831950 N
832000 N
831900 N

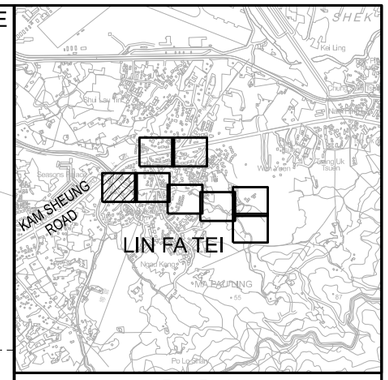
T2505
T2513

MATCH LINE F - F
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-LFT-6007

18.2
15.4
18.2+
+16.9
17.0
16.3
16.7
16.7
17.5
16.9

TS
TS
SHR
VO
L
E
P
S
H

197
176
195
193
191
172
170
4
3
2



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Project Title: DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title: TREE TREATMENT PLAN AT LIN FA TEI (SHEET 8 OF 8)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-LFT-6008

Revision: A

0 5 10 m
1 : 250 SCALE BAR

User name: CHEU8306 Date:9/8/2021 Time: 4:25:40 PM
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-LFT-6008.dgn

DO NOT SCALE

822600 E
822700 E
822800 E
822900 E
831800 N
831600 N
831400 N

5124336-DD-C2-TREE-SSNV-4003
5124336-DD-C2-TREE-SSNV-4004
5124336-DD-C2-TREE-SSNV-4002
5124336-DD-C2-TREE-SSNV-4001

SUNG SHAN NEW VILLAGE

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE WITHIN THE PRIVATE LOT
- TREE TO BE FELLED WITHIN PRIVATE LOT UNDER APPROVED TPRP AMENDMENT SUBMISSION
- TREE TO BE FELLED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION
- TREE TO BE RETAINED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION

0 10 20 30 40 50 m
1 000 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitable for: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT SUNG SHAN NEW VILLAGE

Scale	Designed	Drawn	Checked	Authorised
1:1000	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-SSNV-4000
Revision: A

User name: SINA7185 Date:8/8/2022 Time: 11:53:00 AM
Filename: \\wsatkins.com\Project\CN\CNHKA\GC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-SSNV-4000.dgn

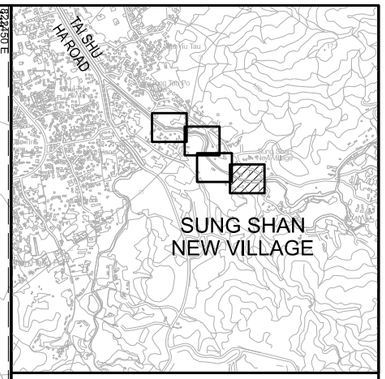
DO NOT SCALE

831550 N
831500 N
831450 N
822300 E
822350 E
822400 E
822450 E

MATCH LINE A – A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-SSNV-4002

T214
T253
T252
T231
T232
T233
T234
T230
T229
T228

Track
Road



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE FELLED WITH PHOTO UPDATED UNDER APPROVED TPRP AMENDMENT SUBMISSION
- TREE TO BE FELLED WITHIN UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN
AT SUNG SHAN NEW VILLAGE
(SHEET 1 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1:250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-SSNV-4001
Revision: B

0 5 10 m
1 : 250 SCALE BAR

User name: CHEUI8306 Date:11/16/2021 Time:4:37:23 PM
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-SSNV-4001.dgn

MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-SSNV-4003

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-SSNV-4001

822150 E
822200 E
822250 E
831600 N
831550 N
831500 N

DO NOT SCALE

T140 T141 T142 T143 T144 T145 T146 T147 T148 T149 T150 T151 T152 T153 T154 T155 T184 T185 T186 T187 T188 T189 T190 T191 T192 T193 T194 T195 T196 T214

TS ET E L G FB Track Burial Urns
16.8 14.1 14.0 19.5 107 20 17.9 13.7

0 5 10 m
1 : 250 SCALE BAR

TAI SHU HA ROAD
SUNG SHAN NEW VILLAGE

KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

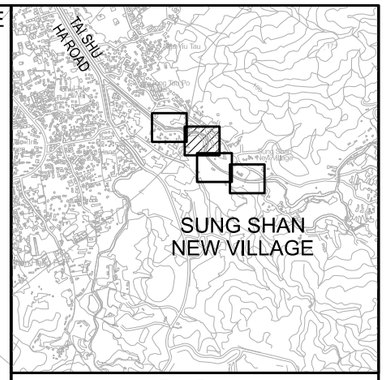
Drawing Title
TREE TREATMENT PLAN
AT SUNG SHAN NEW VILLAGE
(SHEET 2 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1:250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-SSNV-4002
Revision: A

User name: CHEU8306 Date:9/15/2021 Time: 2:08:44 PM
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-SSNV-4002.dgn

DO NOT SCALE



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE WITHIN THE PRIVATE LOT
- TREE TO BE FELLED WITHIN PRIVATE LOT UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN — Suitable for: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Project Title: DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title: TREE TREATMENT PLAN AT SUNG SHAN NEW VILLAGE (SHEET 3 OF 4)

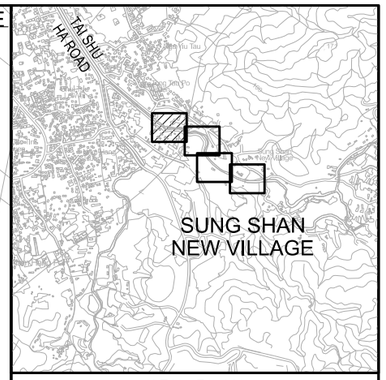
Scale	Designed	Drawn	Checked	Authorised
1:250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-SSNV-4003 — Revision: B

0 5 10 m
1 : 250 SCALE BAR

User name: SINA7185 Date:8/31/2022 Time: 9:38:00 AM
Filename: \\wsatkins.com\Project\CN\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-SSNV-4003.dgn

DO NOT SCALE



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE WITHIN THE PRIVATE LOT
- TREE TO BE FELLED WITHIN PRIVATE LOT UNDER APPROVED TPRP AMENDMENT SUBMISSION

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SCOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT SUNG SHAN NEW VILLAGE (SHEET 4 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1:250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-SSNV-4004
Revision: A

User name: SINA7185 Date:7/21/2022 Time: 2:40:15 PM
Filename: \\watkins.com\Project\CN\CNHKA\GIC\Drainage Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-SSNV-4004.dgn

DO NOT SCALE

825600 E

825600 E

825700 E

830800 N

CHEUNG PO

TAI WO

TAI WO

Kai Yip Garden

Playground

Church

5124336-DD-C2-TREE-TW-5002

5124336-DD-C2-TREE-TW-5001

LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE

TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE SURVEY PLAN
AT TAI WO

Scale	Designed	Drawn	Checked	Authorised
1 : 500	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-TW-5000

Revision: A

0 5 10 15 20 25 m
1 : 500 SCALE BAR

User name: CHANB918 Date:9/14/2022 Time: 8:30:05 AM
Filename: P:\CNHKA\GIC\Drainage Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-TW-5000.dgn

DO NOT SCALE

825650 E
825700 E
825750 E
830750 N
830700 N
830650 N

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-TW-5002

TS
E
FP
R
18.8
19.9
19.8
20.3
20.8+
16.0
14.3
16
20.0

T2143
T2077
T2082
T2086
T2080
T2124
T2122
T2125
T2108
T2107
T2115
T2116
T2119
T2118
T2113
T2114

B
G

PAT HEUNG ROAD
TAI WO

KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY
RECTANGULAR CHANNEL
DRAINAGE PIPE

PROPOSED TREATMENT:

TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
TREE TREATMENT PLAN AT TAI WO (SHEET 1 OF 2)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

Drawing Number: 5124336-DD-C2-TREE-TW-5001
Revision: B

0 5 10 m
1 : 250 SCALE BAR

User name: CHEU8306 Date:11/16/2021 Time:4:51:50 PM
File name: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-TW-5001.dgn

DO NOT SCALE

MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-DD-C2-TREE-TW-5002

825650 E
825700 E
825750 E
830750 N
830700 N
830650 N

TS
HE
18.8
19.9
20.3
FP
TS
R
20.8
16.0
14.3
16
20.0
C

T2143
T2077
T2086
T2080
T2082
T2124
T2122
T2125
T2119
T2108
T2107
T2115
T2116
T2118
T2113
T2114

PAT HEUNG ROAD
TAI WO

KEY PLAN
N.T.S.

LEGEND:
- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE SURVEY PLAN
AT TAI WO
(SHEET 1 OF 2)

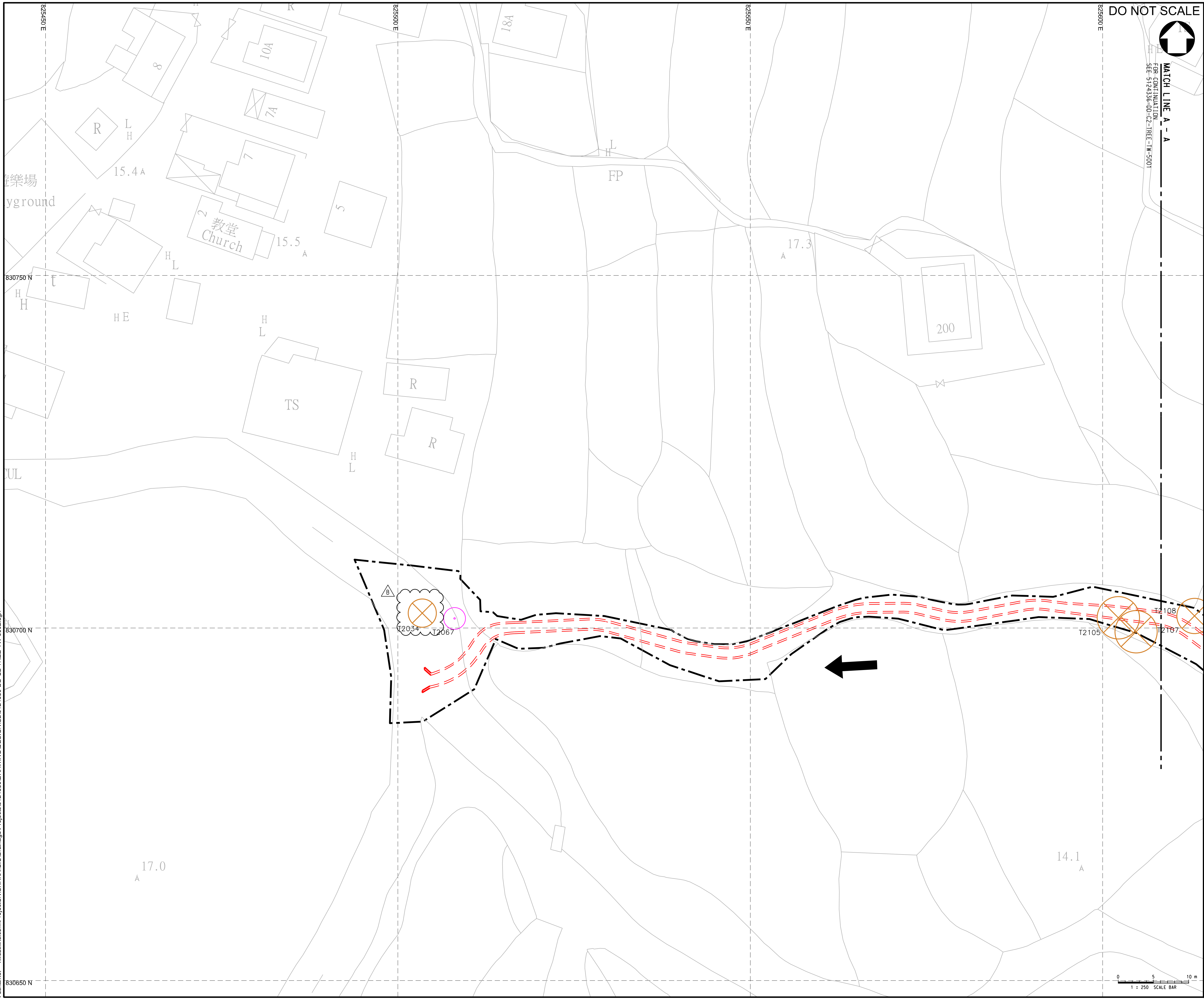
Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	APR 2021	APR 2021	APR 2021	APR 2021

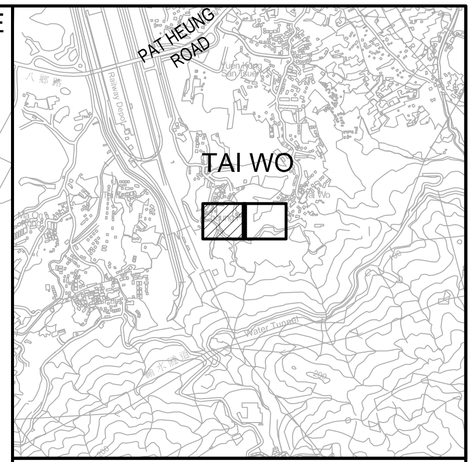
Drawing Number: 5124336-DD-C2-TREE-TW-5001
Revision: B

0 5 10 m
1 : 250 SCALE BAR

User name: CHAN8918 Date:9/14/2022 Time:9:24:02 AM
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWINGS\DESIGN\C2\5124336-DD-C2-TREE-TW-5001.dgn

DO NOT SCALE





KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE FELLED

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 21	THIRD ISSUE	MM	LLL	KP
A	AUG 21	SECOND ISSUE	MM	LLL	KP
-	APR 21	FIRST ISSUE	WSL	WCTT	KP

Drawing Status: DETAILED DESIGN
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS
IN YUEN LONG STAGE 1 - INVESTIGATION,
DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
TREE SURVEY PLAN
AT TAI WO
(SHEET 2 OF 2)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	WSL	AC	WCTT	KP
Original Size: A1	Date: APR 2021	Date: APR 2021	Date: APR 2021	Date: APR 2021

Drawing Number: 5124336-DD-C2-TREE-TW-5002
Revision: B

User name: SINA7185 Date:9/7/2022 Time: 6:48:40 PM
Filename: \\wsatkins.com\ProjectCN\CNHKAGIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TREE-TW-5002.dgn

Appendix C – Location Plan of Retain Tree

DO NOT SCALE

NOTES:

1. THE TREE PROTECTION ZONES WHICH PROVIDED IN THE DRAWING ARE INDICATIVE ONLY. APPROPRIATE PROTECTION MEASURES SHALL BE DETERMINED ON SITE BY THE *CONTRACTOR* AND APPROVED BY THE *SUPERVISOR*.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE WITHIN THE PRIVATE LOT
- TREE PROTECTION ZONE FOR TREE TO BE RETAINED

Rev.	Date	Description	By	Chk'd	App'd
-	08/22	FIRST ISSUE	SHC	WCTT	KP

Drawing Status: **DETAILED DESIGN** — Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION
CE 22/2013 (DS)

Drawing Title
GENERAL PLAN OF TREE PROTECTION ZONE FOR RETAINED TREES AT SUNG SHAN NEW VILLAGE

Scale	Designed	Drawn	Checked	Authorised
1:1000	SHC	JL	WCTT	KP
Original Size: A1	Date: AUG 2022	Date: AUG 2022	Date: AUG 2022	Date: AUG 2022

Drawing Number: 5124336-DD-C2-TPZ-SSNV-4000 — Revision:

1:1 000 SCALE BAR (0, 10, 20, 30, 40, 50 m)

User name: CHAN8918 Date:9/5/2022 Time: 4:42:36 PM
Filename: P:\CN\HKAGIC\Drainage\Projects\5124336\DRAWING\DESIGNIC2\5124336-DD-C2-TPZ-SSNV-4000.dgn

DO NOT SCALE

NOTES:

1. TREE PROTECTION ZONES WHICH PROVIDED IN THE DRAWING ARE INDICATIVE ONLY. APPROPRIATE PROTECTION MEASURES SHALL BE DETERMINED ON SITE BY THE CONTRACTOR AND APPROVED BY THE SUPERVISOR.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE
- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE PROTECTION ZONE FOR TREE TO BE RETAINED

Rev.	Date	Description	By	Chk'd	App'd
-	Sept 2022	FIRST ISSUE	SHC	LLL	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
GENERAL PLAN OF TREE PROTECTION ZONE FOR RETAINED TREES AT TAI WO

Scale	Designed	Drawn	Checked	Authorised
1 : 250	MM	AC	LLL	KP
Original Size	Date	Date	Date	Date
A1	SEP 2021	SEP 2021	SEP 2021	SEP 2021

Drawing Number: 5124336-DD-C2-TPZ-TW-5000

Revision:

0 5 10 m
1 : 250 SCALE BAR

User name: CHAN8918 Date:9/5/2022 Time: 5:17:07 PM
Filename: P:\CN\HKA\GIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TPZ-TW-5000.dgn

DO NOT SCALE

NOTES:

1. THE TREE PROTECTION ZONES WHICH PROVIDED IN THE DRAWING ARE INDICATIVE ONLY. APPROPRATE PROTECTION MEASURES SHALL BE DETERMINED ON SITE BY THE *CONTRACTOR* AND APPROVED BY THE *SUPERVISOR*.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE PROTECTION ZONE FOR TREE TO BE RETAINED

INSET 4

INSET 2

INSET 3

INSET 1

KAM SHEUNG ROAD

LIN FA TEI

SHUI TSAN TIN

CHUI TSAN TIN

Rev.	Date	Description	By	Chk'd	App'd
-	08/22	FIRST ISSUE	SHC	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
GERNERAL PLAN OF TREE PROTECTION ZONE FOR RETAINED TREES AT LIN FA TEI

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	JL	WCTT	KP
Original Size	Date	Date	Date	Date
A1	AUG 2022	AUG 2022	AUG 2022	AUG 2022

Drawing Number: 5124336-DD-C2-TPZ-LFT-6000

Revision:

1 : 1250 SCALE BAR

User name: CHAN8918 Date:9/5/2022 Time: 3:36:05 PM
Filename: P:\CNH\HAGIC\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TPZ-LFT-6000.dgn

DO NOT SCALE

INSET 2

INSET 3

INSET 1

INSET 4

INSET 5

INSET 7

INSET 6

A KUNG TIN

FAN KAM ROAD

SHEUNG CHE

CHUK HA
CHUK HANG

T1467
T1248
T1218
T1266
T1267
T1580
T1391
T1343
T1132
T1187
T1188
T1189
T1214
T1299
T1298
T1297
T1179
T1180
T1178

NOTES:

1. THE TREE PROTECTION ZONES WHICH PROVIDED IN THE DRAWING ARE INDICATIVE ONLY. APPROPRATE PROTECTION MEASURES SHALL BE DETERMINED ON SITE BY THE *CONTRACTOR* AND APPROVED BY THE *SUPERVISOR*.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- TREE TO BE RETAINED WITH TREE PROTECTION ZONE ALONG DRIPLINE
- TREE PROTECTION ZONE FOR TREE TO BE RETAINED

Rev.	Date	Description	By	Chk'd	App'd
-	08/22	FIRST ISSUE	SHC	WCTT	KP

Drawing Status: DETAILED DESIGN

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Project Title
DRAINAGE IMPROVEMENT WORKS IN YUEN LONG STAGE 1 - INVESTIGATION, DESIGN AND CONSTRUCTION CE 22/2013 (DS)

Drawing Title
GENERAL PLAN OF TREE PROTECTION ZONE FOR RETAINED TREES AT HA CHE

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	JL	WCTT	KP
Original Size	Date	Date	Date	Date
A1	AUG 2022	AUG 2022	AUG 2022	AUG 2022

Drawing Number: 5124336-DD-C2-TPZ-HC-8000

Revision: -

User name: CHAN8918 Date:9/5/2022 Time: 5:22:29 PM
Filename: P:\CNHKA\GIS\Drainage\Projects\5124336\DRAWING\DESIGN\C2\5124336-DD-C2-TPZ-HC-8000.dgn

Appendix D – Compensatory Planting

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5/m^2	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10/m^2	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5/m^2	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10/m^2	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT HA CHE

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

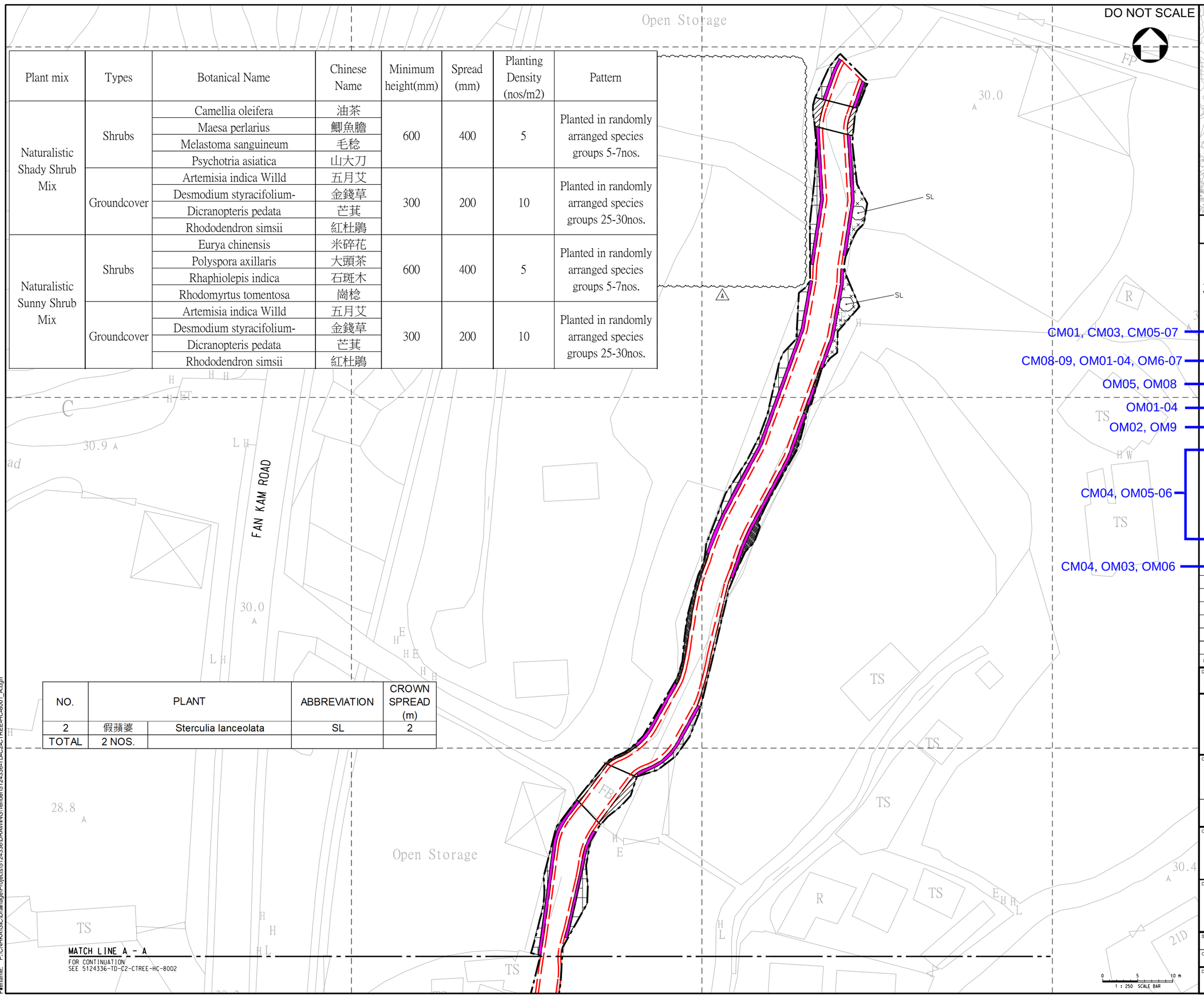
Drawing Number: 5124336-TD-C2-CTREE-HC-8000
Revision: A

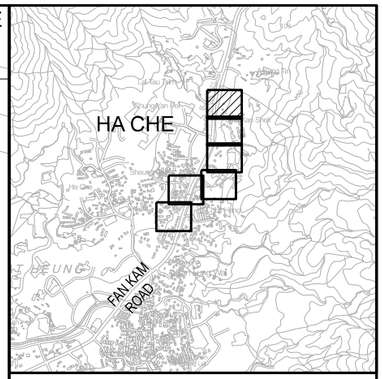
User name: LEUN3329 Date:04/11/2022 Time: 14:43:03
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8000_A.dgn

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
2	假蘋婆	Sterculia lanceolata	SL	2
TOTAL	2 NOS.			





KEY PLAN
N.T.S.

NOTES:
1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000.

LEGEND:

CM01, CM03, CM05-07 — WORKS BOUNDARY
CM08-09, OM01-04, OM6-07 — RECTANGULAR CHANNEL
OM05, OM08 — PROPOSED CLIMBING PLANT
OM01-04 — PROPOSED U-CHANNEL
OM02, OM9 — PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
CM04, OM05-06 — NATURALISTIC SHADY SHRUBS MIX
NATURALISTIC SUNNY SHRUBS MIX
ORNAMENTAL SHADY SHRUBS MIX
ORNAMENTAL SUNNY SHRUBS MIX
HYDRO SEEDING

PROPOSED TREATMENT:

CM04, OM03, OM06 — COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability:

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

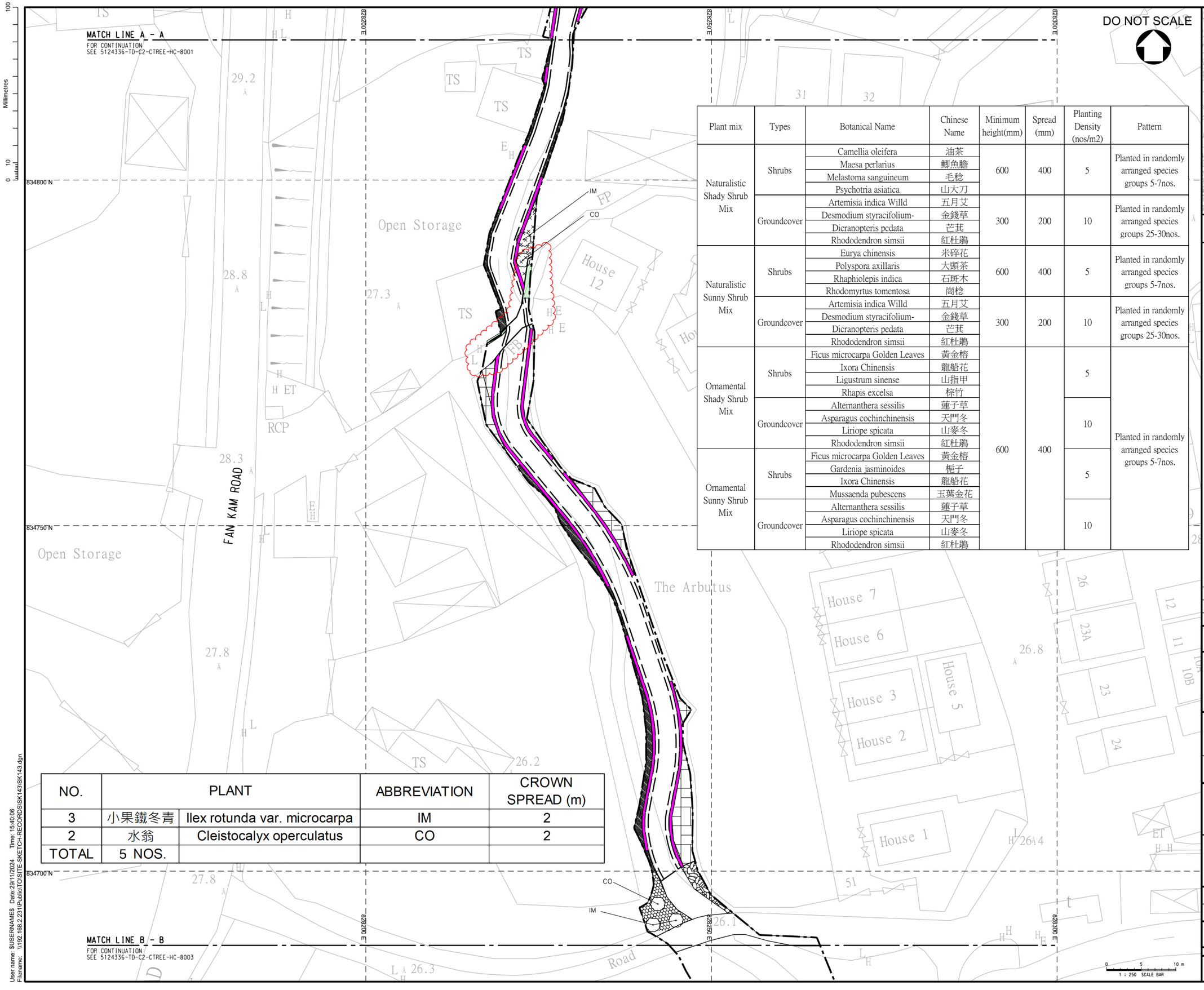
Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT HA CHE
(SHEET 1 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-HC-8001
Revision: A

0 5 10 m
1 : 250 SCALE BAR

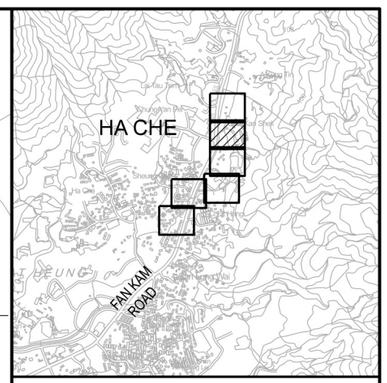
User name: LEUN3329 Date:02/11/2022 Time: 14:08:00
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8001_A.dgn



DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
3	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
2	水翁	Cleistocalyx operculatus	CO	2
TOTAL	5 NOS.			



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING
- GREEN PAVING (HYDROSEEDING)
- REVISION

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
-	NOV 24	FIRST ISSUE	SL	WYC	TK

Drawing Status: SITE SKETCH
Suitability: -

AtkinsRéalis

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT HA CHE (SHEET 2 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SL	KL	WYC	TK
Original Size: A1	Date: NOV 24	Date: NOV 24	Date: NOV 24	Date: NOV 24

Drawing Number: DC/2022/02/SK/143
Revision: -

Other Related Reference

Construction Drawing Number: 5124336-TD-C2-CTREE-HC-8002_A
Others: -

0 5 10 m
1 : 250 SCALE BAR

User name: $USERNAMES Date:29/11/2024 Time: 15:40:06
Filename: \\192.168.2.231\Public\TO\SITE-SKETCH-RECORDS\SK143\SK143.dgn

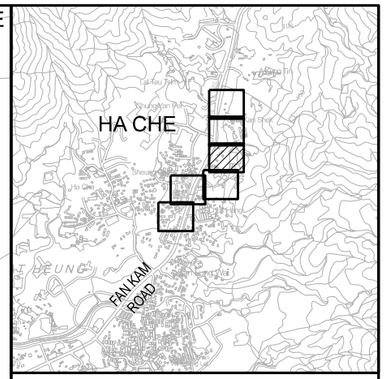
MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8002

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8004

DO NOT SCALE

834650 N
834600 N

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT HA CHE
(SHEET 3 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-HC-8003
Revision: A

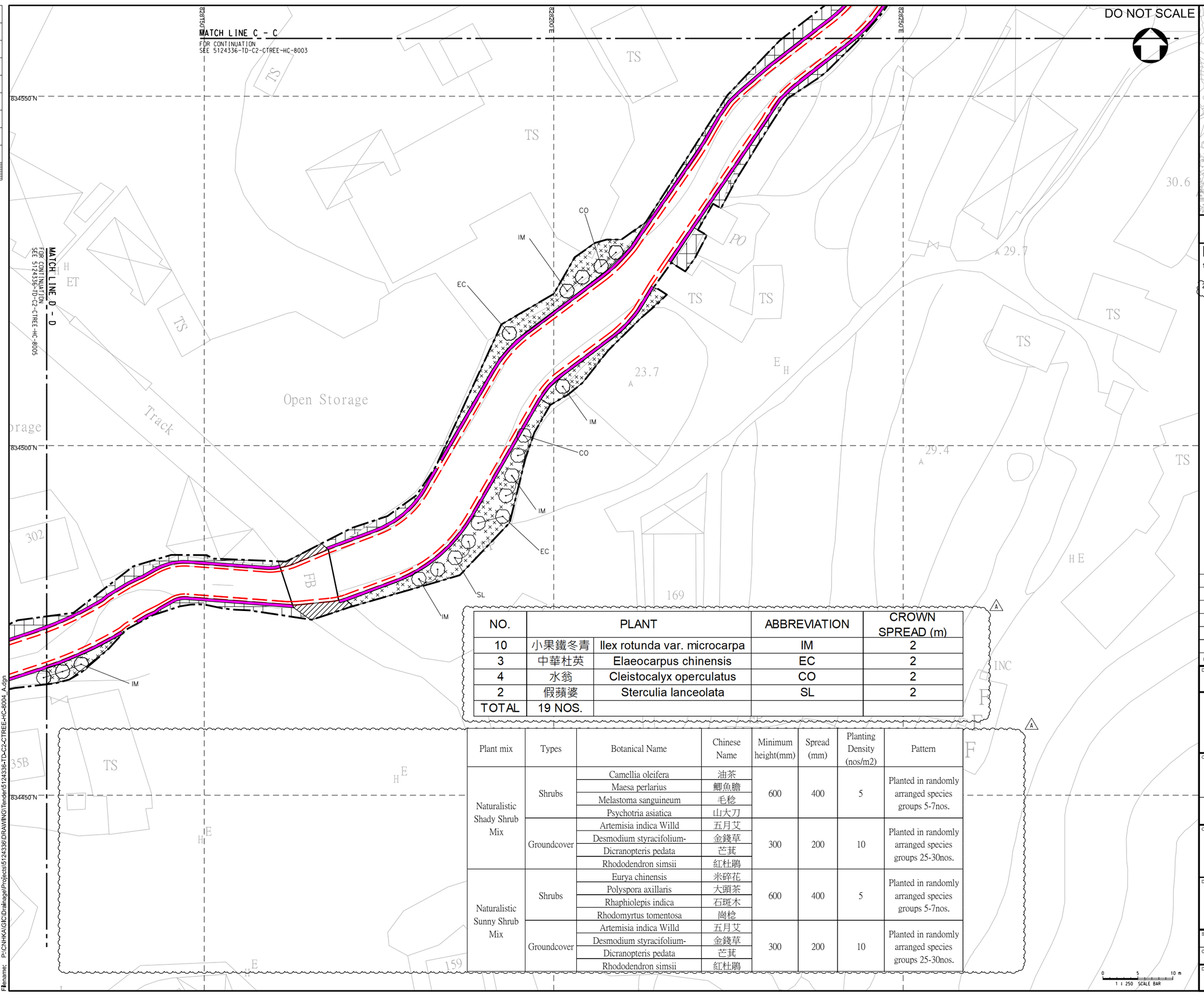
1 : 250 SCALE BAR

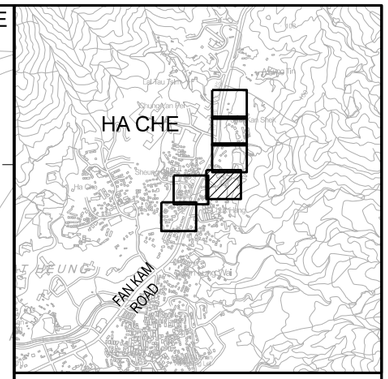
User name: LEUN3329 Date:02/11/2022 Time: 14:11:19
Filename: P:\CNHKA\GIS\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8003_A.dgn

DO NOT SCALE

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8003

MATCH LINE D - D
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8005





KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000. (A)

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
10	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
3	中華杜英	Elaeocarpus chinensis	EC	2
4	水翁	Cleistocalyx operculatus	CO	2
2	假蘋婆	Sterculia lanceolata	SL	2
TOTAL	19 NOS.			

(A)

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

(A)

0 5 10 m
1 : 250 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT HA CHE
(SHEET 4 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-HC-8004
Revision: A

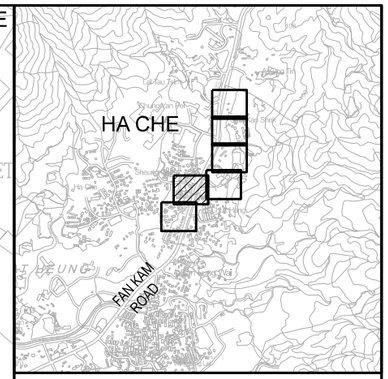
User name: LEUN3329 Date:02/11/2022 Time: 14:14:09
Filename: P:\CNHKA\GIS\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8004_A.dgn

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

MATCH LINE D - D
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8004

MATCH LINE E - E
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-HC-8006



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000. (A)

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title:
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT HA CHE (SHEET 5 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-HC-8005
Revision: A

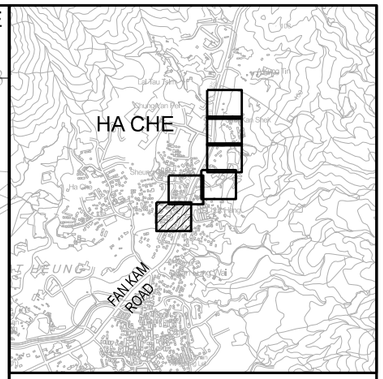
1 : 250 SCALE BAR (0, 5, 10 m)

User name: LEUN3329 Date:02/11/2022 Time: 14:16:13
Filename: P:\CN\HKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8005_A.dgn

DO NOT SCALE

MATCH LINE E - E
FOR CONTINUATION
SEE 5124336-DD-C2-CTREE-HC-8005

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗梔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-HC-8000. (A)

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT HA CHE
(SHEET 6 OF 6)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-HC-8006
Revision: A

1 : 250 SCALE BAR (0, 5, 10 m)

User name: LEUN3329 Date:02/11/2022 Time: 14:18:36
File name: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-HC-8006_A.dgn

DO NOT SCALE

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5/m²	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10/m²	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5/m²	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10/m²	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

5124336-TD-C2-CTREE-LFT-6001

5124336-TD-C2-CTREE-LFT-6006

5124336-TD-C2-CTREE-LFT-6007

5124336-TD-C2-CTREE-LFT-6005

5124336-TD-C2-CTREE-LFT-6004

5124336-TD-C2-CTREE-LFT-6003

5124336-TD-C2-CTREE-LFT-6002

KAM SHEUNG ROAD

LIN FA TEI

SHUI TSAN TIN

NGAU KENG

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT LIN FA TEI

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Orlginal Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6000

Revision: A

0 12.5 25 37.5 50 62.5 m
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User name: LEUN3329 Date:04/11/2022 Time: 14:44:20
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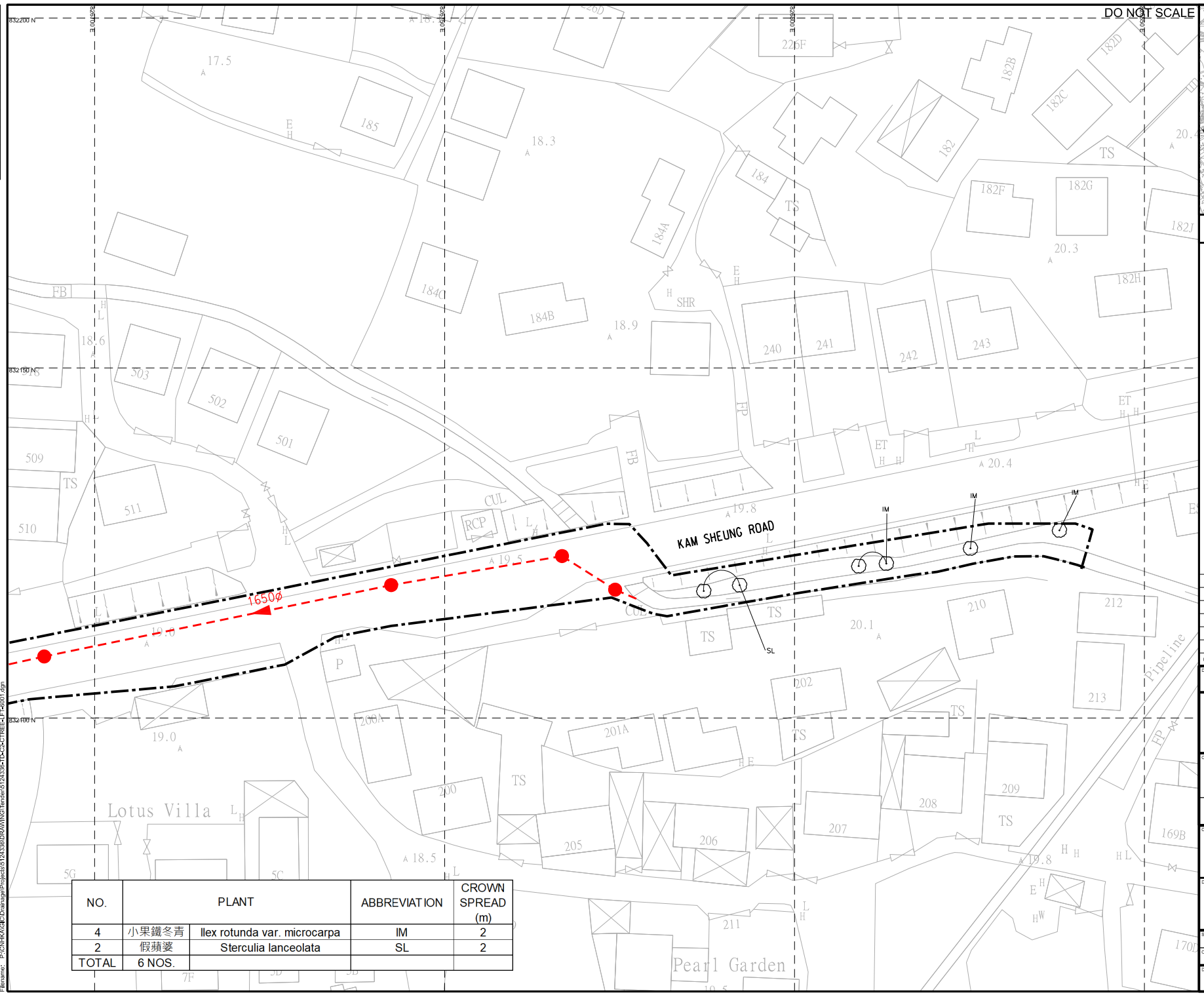
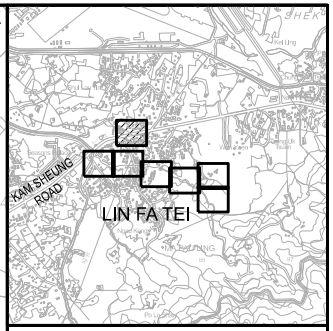


NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
4	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
2	假蘋婆	Sterculia lanceolata	SL	2
TOTAL	6 NOS.			



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- DRAINAGE PIPE
- MANHOLE

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: Drainage Services Department

Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT LIN FA TEI
(SHEET 1 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6001
Revision: -

Millimetres 0 10 100
User name: LEUN3329 Date: 21/09/2022 Time: 16:47:24
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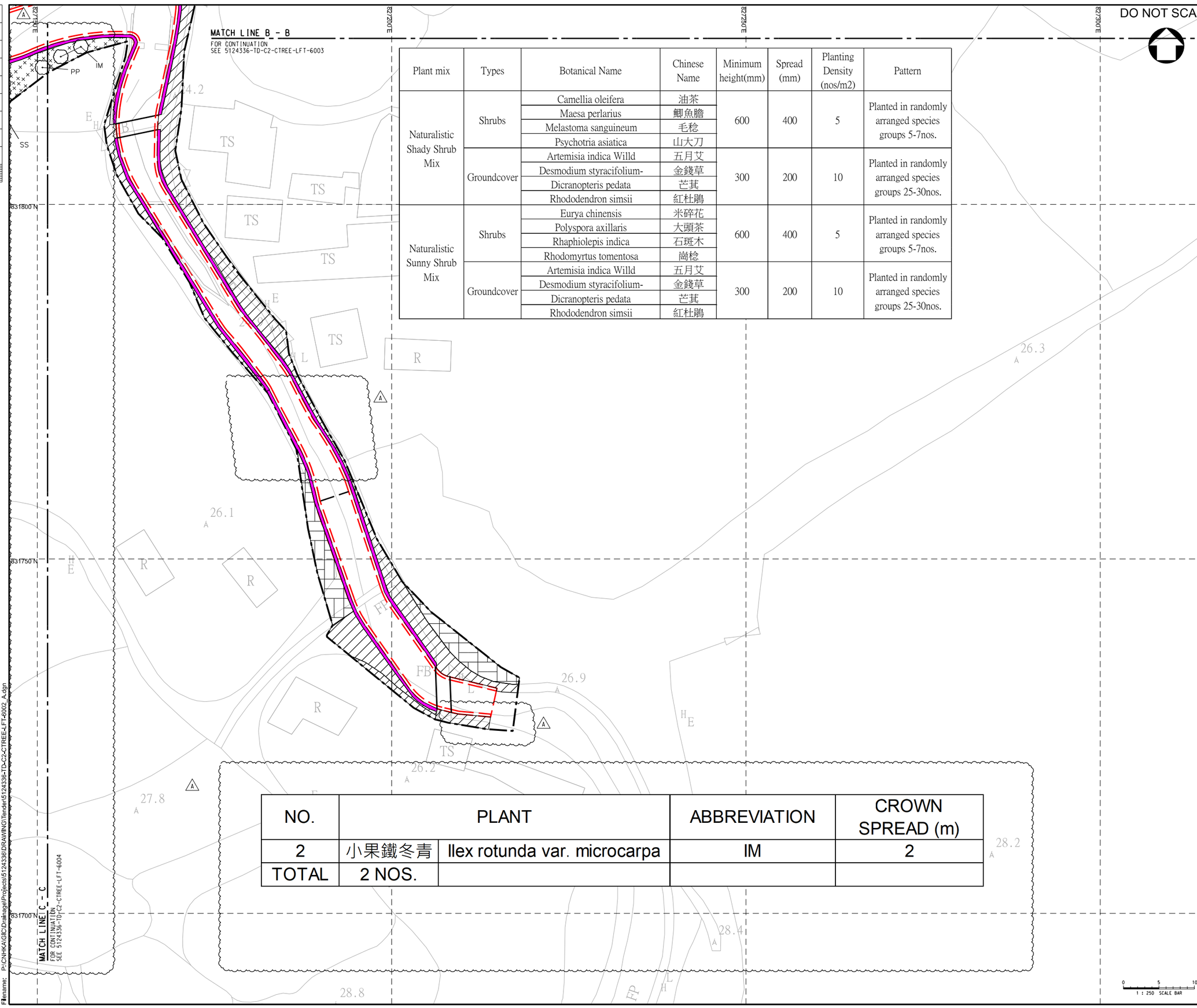
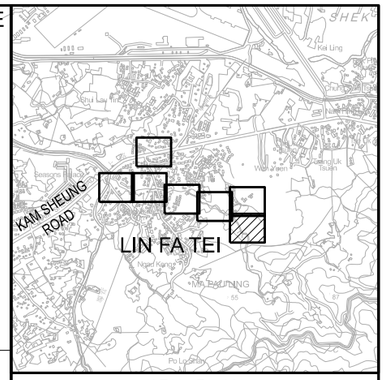


Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
2	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
TOTAL	2 NOS.			



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000. (A)

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT LIN FA TEI
(SHEET 2 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6002
Revision: A

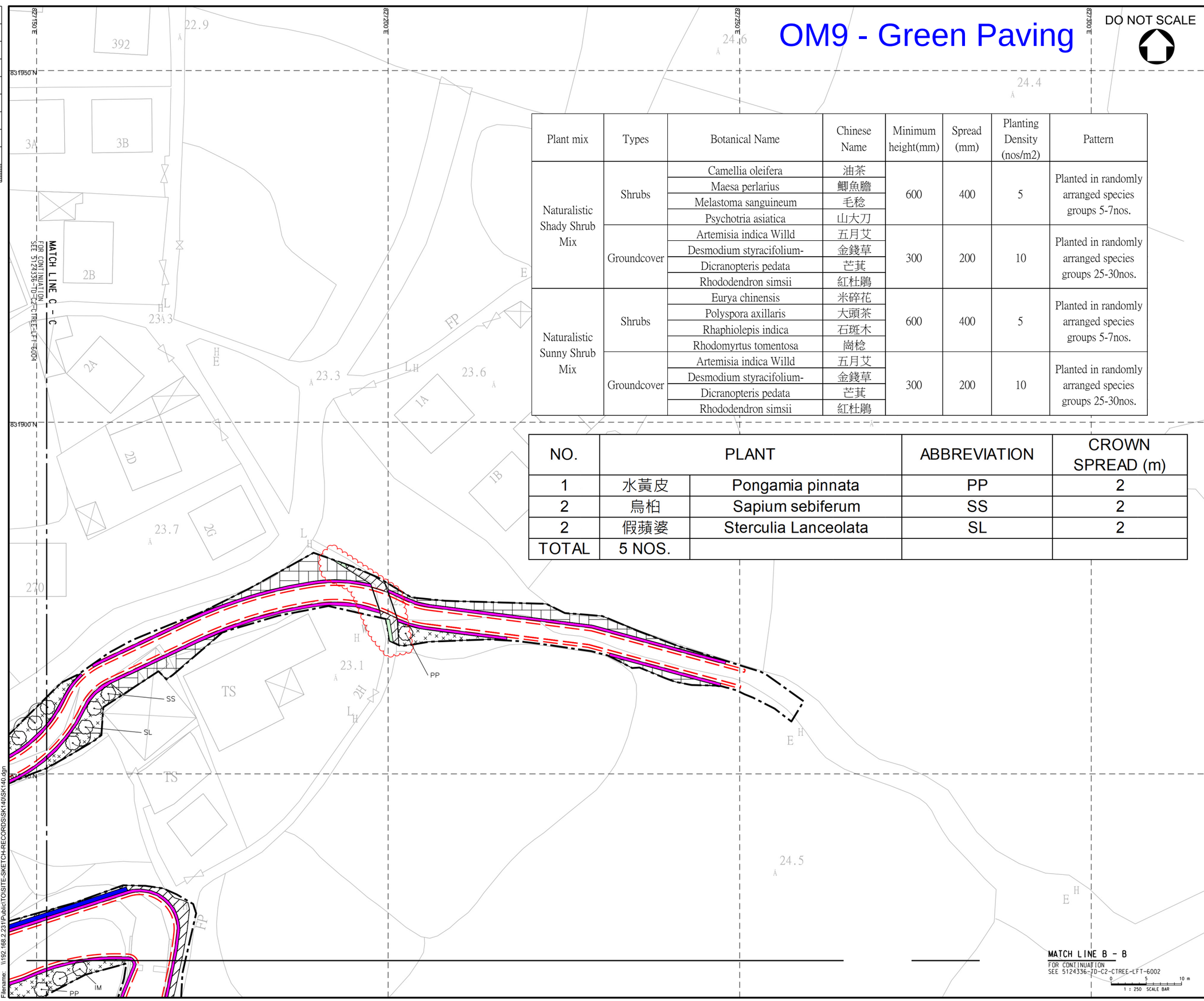
User name: LEUN3329 Date:03/11/2022 Time: 19:03:14
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-LFT-6002_A.dgn

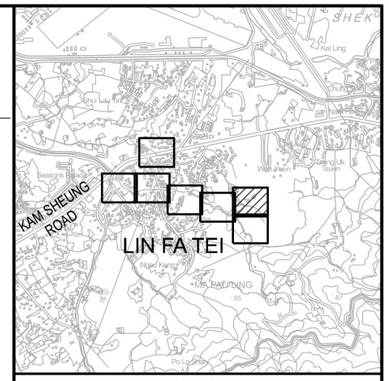
OM9 - Green Paving

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
1	水黃皮	Pongamia pinnata	PP	2
2	烏桕	Sapium sebiferum	SS	2
2	假蘋婆	Sterculia Lanceolata	SL	2
TOTAL	5 NOS.			





KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING
- GREEN PAVING (HYDROSEEDING)
- REVISION

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
-	NOV 24	FIRST ISSUE	SL	WYC	TK

Drawing Status: SITE SKETCH
Suitability: -

AtkinsRéalis

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT LIN FA TEI (SHEET 3 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SL	KL	WYC	TK
Original Size: A1	Date: NOV 24	Date: NOV 24	Date: NOV 24	Date: NOV 24

Drawing Number: DC/2022/02/SK/140
Revision: -

Other Related Reference

Construction Drawing Number: 5124336-TD-C2-CTREE-LFT-6003_A
Others: -

0 5 10 m
1 : 250 SCALE BAR

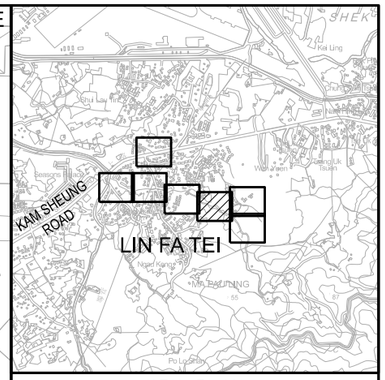
Millimetres 0 10 100

User name: $USERNAME$ Date:29/11/2024 Time: 15:39:21
Filename: \\192.168.2.231\Public\TO\SITE-SKETCH-RECORDS\SK140\SK140.dgn

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗稔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
10	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
6	水黃皮	Pongamia pinnata	PP	2
6	烏桕	Sapium sebiferum	SS	2
10	假蘋婆	Sterculia Lanceolata	SL	2
TOTAL	32 NOS.			



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT LIN FA TEI (SHEET 4 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

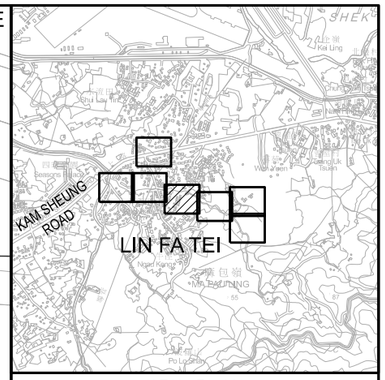
Drawing Number: 5124336-TD-C2-CTREE-LFT-6004 Revision: A

User name: LEUN3329 Date:03/11/2022 Time: 19:04:20
Filename: P:\CNHK\AIGIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-LFT-6004_A.dgn

DO NOT SCALE

MATCH LINE E - E
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-LFT-6006

MATCH LINE D - D
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-LFT-6004



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000. (A)

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:
- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
2	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
2	水黃皮	Pongamia pinnata	PP	2
2	烏桕	Sapium sebiferum	SS	2
4	假蘋婆	Sterculia Lanceolata	SL	2
TOTAL	10 NOS.			

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: =

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT LIN FA TEI (SHEET 5 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6005
Revision: A

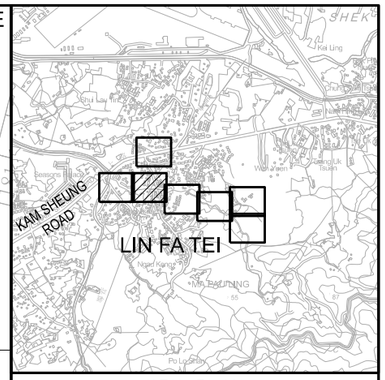
1 : 250 SCALE BAR

User name: LEUN3329 Date:02/11/2022 Time: 14:30:29
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-LFT-6005_A.dgn

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
3	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
5	水黃皮	Pongamia pinnata	PP	2
4	烏桕	Sapium sebiferum	SS	2
3	假蘋婆	Sterculia Lanceolata	SL	2
TOTAL	15 NOS.			



KEY PLAN
N.T.S.

NOTES:
1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000.

LEGEND:
- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:
- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT LIN FA TEI (SHEET 6 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6006
Revision: A

1 : 250 SCALE BAR

User name: LEUN3329 Date:02/11/2022 Time:18:51:22
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-LFT-6006_A.dgn

DO NOT SCALE

MATCH LINE F - F
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-LFT-6006

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
3	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
5	水黃皮	Pongamia pinnata	PP	2
3	烏桕	Sapium sebiferum	SS	2
3	假蘋婆	Sterculia Lanceolata	SL	2
TOTAL	14 NOS.			

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

KEY PLAN
N.T.S.

KAM SHEUNG ROAD
LIN FA TEI

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-LFT-6000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:
- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT LIN FA TEI
(SHEET 7 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-LFT-6007
Revision: A

1 : 250 SCALE BAR

User name: LEUN3329 Date:03/11/2022 Time:19:05:05
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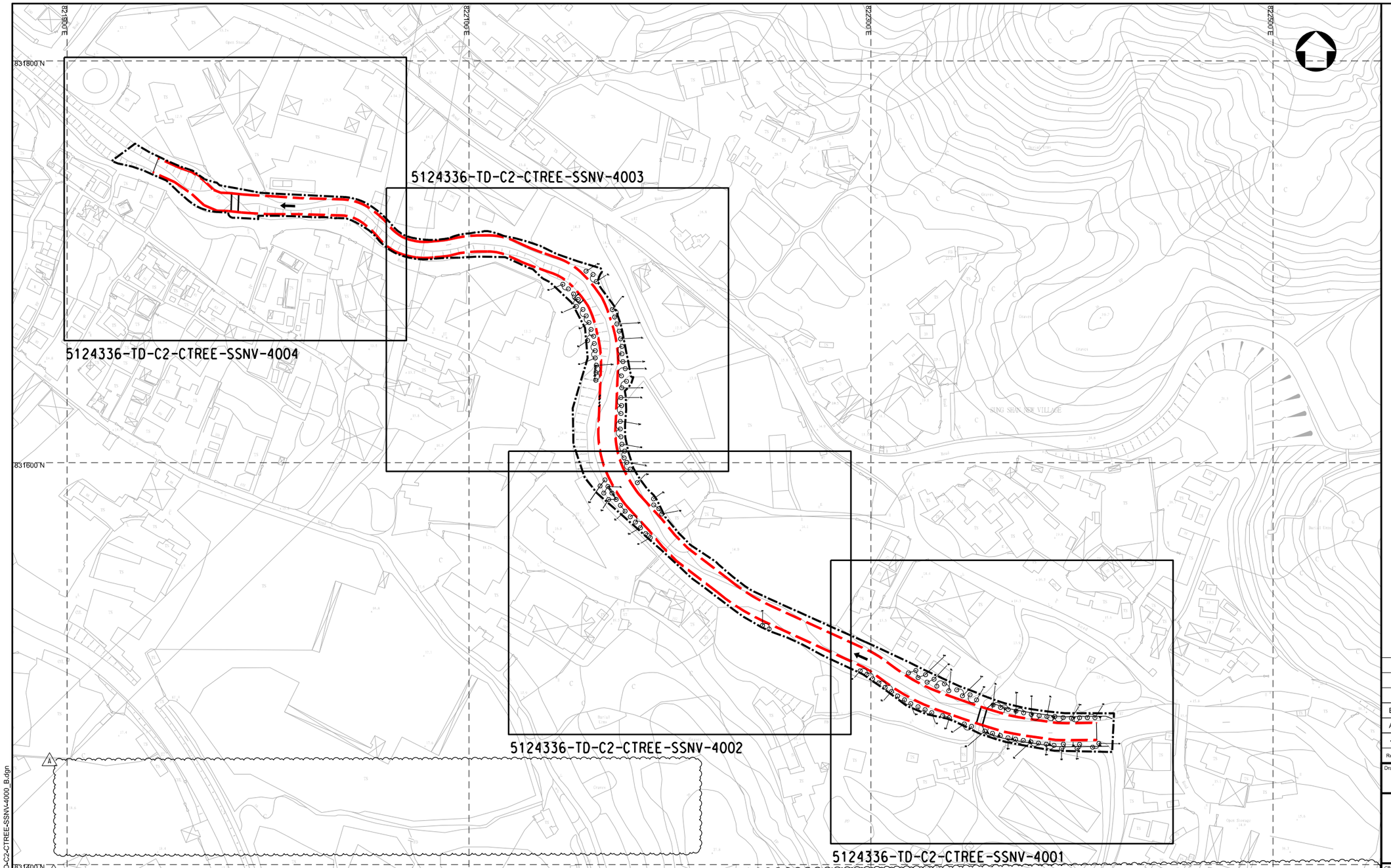


LEGEND:

WORKS BOUNDARY

RECTANGULAR CHANNEL

PROPOSED TREATMENT:

COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗梔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

Planting Mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density(nos/m2)	Pattern
Ornamental Shady Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5/m²	Planted in randomly arranged species groups 5-7nos.
		Ixora Chinensis	龍船花				
		Ligustrum sinense	山指甲				
		Rhapis excelsa	棕竹				
	Groundcover	Alternanthera sessilis	蓮子草			10/m²	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕			5/m²	
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10/m²	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

0 10 20 30 40 50 m
1 : 1000 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT SUNG SHAN NEW VILLAGE

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-SSNV-4000

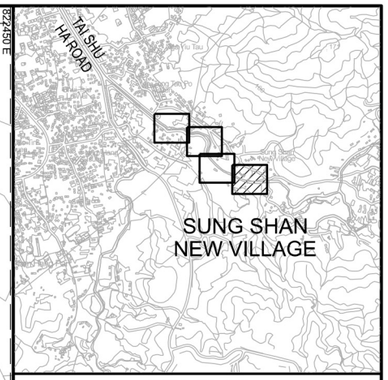
Revision: B

User name: LEUN3329 Date:04/11/2022 Time: 14:45:52
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-SSNV-4000_B.dgn

DO NOT SCALE

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
21	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
16	假蘋婆	Sterculia lanceolata	SL	2
22	鴨腳木	Scheflera heptaphylla	SH	2
TOTAL	59 NOS.			



KEY PLAN
N.T.S.

NOTES:
1. CLIMBING PLANT SHALL BE PROVIDED ALL ALONG TOP OF THE CHANNEL WALL. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-SSNV-4000.

LEGEND:
- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING
- GREEN PAVING (HYDROSEEDING)
- REVISION

PROPOSED TREATMENT:
- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
-	NOV 24	FIRST ISSUE	SL	WYC	TK

Drawing Status: SITE SKETCH
Suitability: -

AtkinsRéalis

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: COMPENSATORY PLANTING PLAN AT SUNG SHAN NEW VILLAGE (SHEET 1 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SL	KL	WYC	TK
Original Size: A1	Date: NOV 24	Date: NOV 24	Date: NOV 24	Date: NOV 24

Drawing Number: DC/2022/02/SK/137
Revision: -

Other Related Reference
Construction Drawing Number: 5124336-TD-C2-CTREE-SSNV-4001_B
Others: -

1 : 250 SCALE BAR

MATCH LINE B - B
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-SSNV-4003

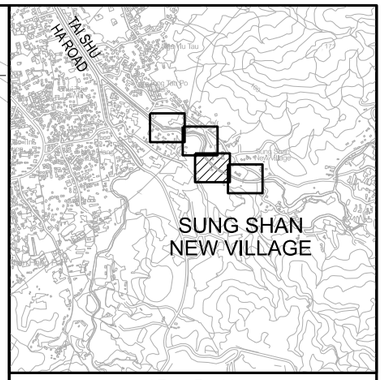
MATCH LINE A - A
FOR CONTINUATION
SEE 5124336-TD-C2-CTREE-SSNV-4001

822150 E
822200 E
822250 E
831600 N
831500 N

SL
SH
IM
TRUCK LAY-BY
Track
Burial Urns
TS
WT
16.8
14.0
14.1
17.9
13.7

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗棯				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
7	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
7	假蘋婆	Sterculia lanceolata	SL	2
9	鴨腳木	Scheflera heptaphylla	SH	2
TOTAL	23 NOS.			



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-SSN-4000. B

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN
AT SUNG SHAN NEW VILLAGE
(SHEET 2 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Orlginal Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-SSNV-4002
Revision: B

0 5 10 m
1 : 250 SCALE BAR

User name: LEUN3329 Date:02/11/2022 Time: 14:48:08
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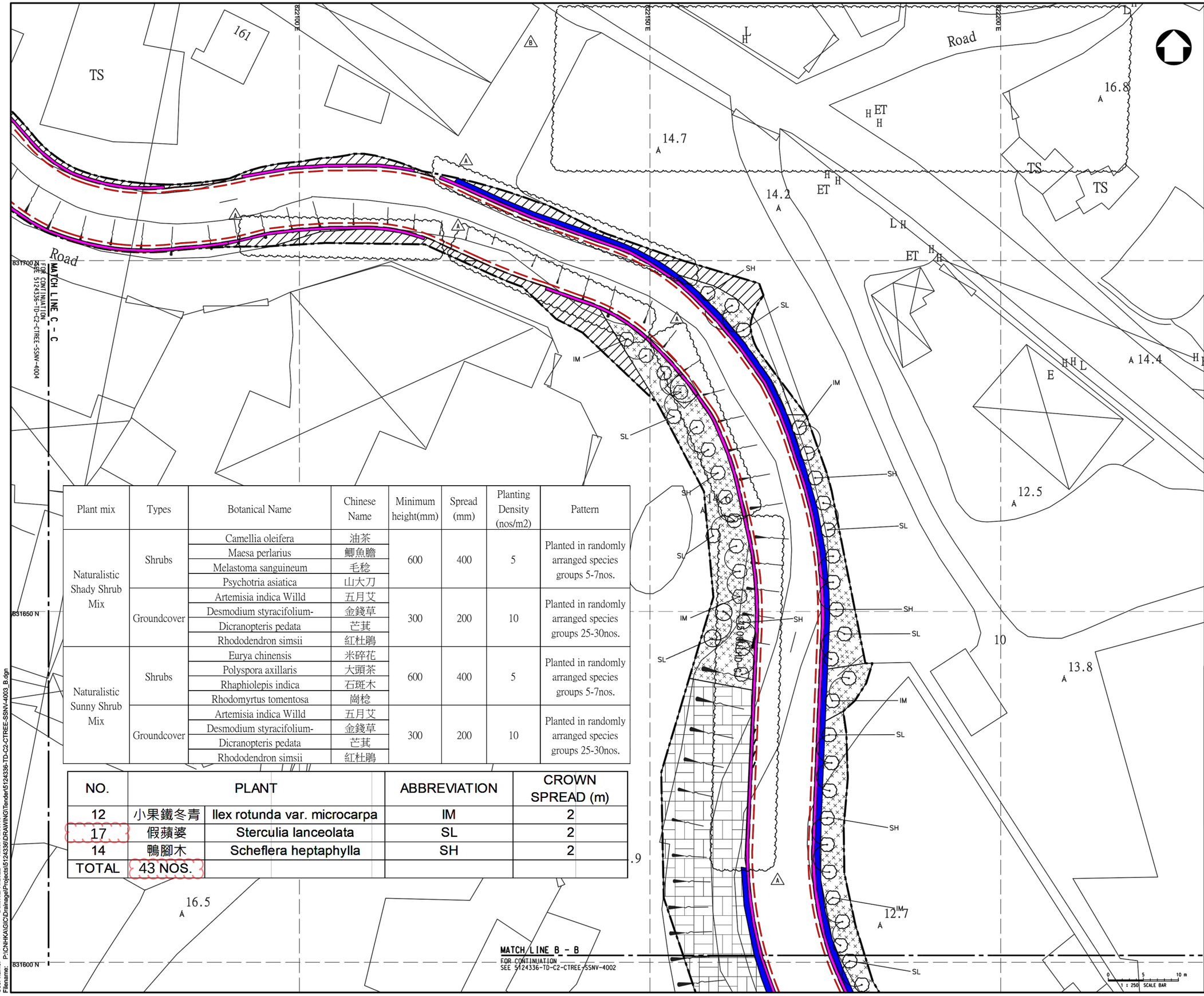
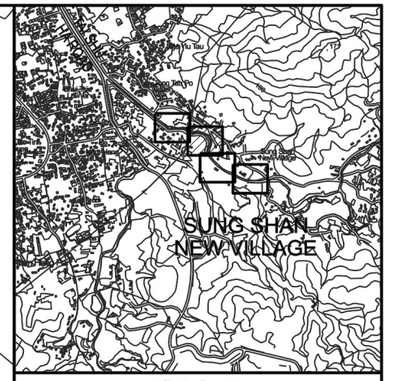


Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Naturalistic Shady Shrub Mix	Shrubs	Camellia oleifera	油茶	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Maesa perlarius	鯽魚膽				
		Melastoma sanguineum	毛稔				
		Psychotria asiatica	山大刀				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				
Naturalistic Sunny Shrub Mix	Shrubs	Eurya chinensis	米碎花	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Polyspora axillaris	大頭茶				
		Rhaphiolepis indica	石斑木				
		Rhodomyrtus tomentosa	崗梔				
	Groundcover	Artemisia indica Willd	五月艾	300	200	10	Planted in randomly arranged species groups 25-30nos.
		Desmodium styracifolium-	金錢草				
		Dicranopteris pedata	芒萁				
		Rhododendron simsii	紅杜鵑				

NO.	PLANT		ABBREVIATION	CROWN SPREAD (m)
12	小果鐵冬青	Ilex rotunda var. microcarpa	IM	2
17	假蘋婆	Sterculia lanceolata	SL	2
14	鴨腳木	Scheflera heptaphylla	SH	2
TOTAL	43 NOS.			



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-SSNV-4000

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: **TENDER** — Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT SUNG SHAN NEW VILLAGE (SHEET 3 OF 4)

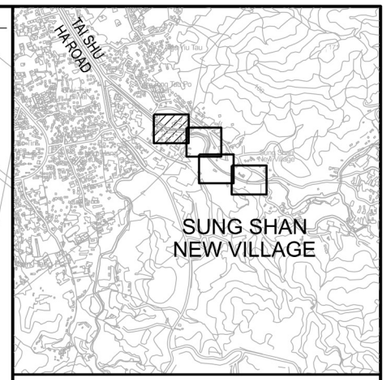
Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-SSNV-4003 — Revision: B

User name: LEUN3329 Date:02/11/2022 Time: 14:53:13
Filename: P:\CNHKA\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-SSNV-4003_B.dgn

OM9 - Green Paving

DO NOT SCALE



KEY PLAN
N.T.S.

NOTES:

1. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.
2. FOR DENSITY OF SHRUBS, REFER TO DRAWING NO. 5124336-TD-C2-CTREE-SSNV-4000.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING
- GREEN PAVING (HYDROSEEDING)
- REVISION

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Plant mix	Types	Botanical Name	Chinese Name	Minimum height(mm)	Spread (mm)	Planting Density (nos/m2)	Pattern
Ornamental Sunny Shrub Mix	Shrubs	Ficus microcarpa Golden Leaves	黃金榕	600	400	5	Planted in randomly arranged species groups 5-7nos.
		Gardenia jasminoides	梔子				
		Ixora Chinensis	龍船花				
		Mussaenda pubescens	玉葉金花				
	Groundcover	Alternanthera sessilis	蓮子草			10	
		Asparagus cochinchinensis	天門冬				
		Liriope spicata	山麥冬				
		Rhododendron simsii	紅杜鵑				

MATCH LINE C - C
FOR CONTINUATION
SEE 5124336-TD-C2-TREE-SSNV-4003

0 5 10 m
1 : 250 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
-	NOV 24	FIRST ISSUE	SL	WYC	TK

Drawing Status: SITE SKETCH
Suitability: -

AtkinsRéalis

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED COMPENSATORY PLANTING AND LANDSCAPING PLAN AT SUNG SHAN NEW VILLAGE (SHEET 4 OF 4)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SL	KL	WYC	TK
Original Size: A1	Date: NOV 24	Date: NOV 24	Date: NOV 24	Date: NOV 24

Drawing Number: DC/2022/02/SK/138
Revision: -

Other Related Reference

Construction Drawing Number: 5124336-TD-C2-CTREE-SSNV-4004_B
Others: -

825500 E

825600 E

825700 E

830800 N

CHEUNG PO

TAI WO

TAI WO

Kai Yip Garden

Playground

Church

5124336-TD-C2-CTREE-TW-5002

5124336-TD-C2-CTREE-TW-5001

P2034 T2067

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PROPOSED U-CHANNEL
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- NATURALISTIC SHADY SHRUBS MIX
- NATURALISTIC SUNNY SHRUBS MIX
- ORNAMENTAL SHADY SHRUBS MIX
- ORNAMENTAL SUNNY SHRUBS MIX
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

0 5 10 15 20 25 m
1 : 500 SCALE BAR

Rev.	Date	Description	By	Chk'd	App'd
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
PROPOSED COMPENSATORY PLANTING
ADN LANDSCAPE PLAN
AT TAI WO

Scale	Designed	Drawn	Checked	Authorised
1 : 500	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-TW-5000

Revision: -

User name: LEUN3329 Date:08/09/2022 Time: 13:38:57
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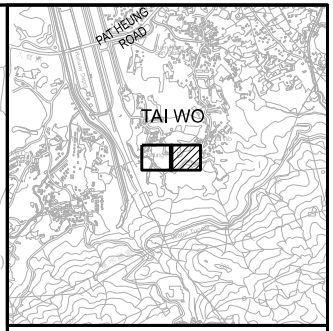


KEY PLAN
N.T.S.

NOTES:

1. CLIMBING PLANT SHALL BE PROVIDED ALL ALONG TOP OF THE CHANNEL WALL. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- HYDRO SEEDING

PROPOSED TREATMENT:

- COMPENSATORY TREES (PATTERN, SPECIES, SPACING & LOCATION AS SHOWN)

Rev.	Date	Description	By	Chk'd	App'd
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: Drainage Services Department

Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
PROPOSED COMPENSATORY PLANTING
AND LANDSCAPE PLAN
AT TAI WO
(SHEET 1 OF 2)

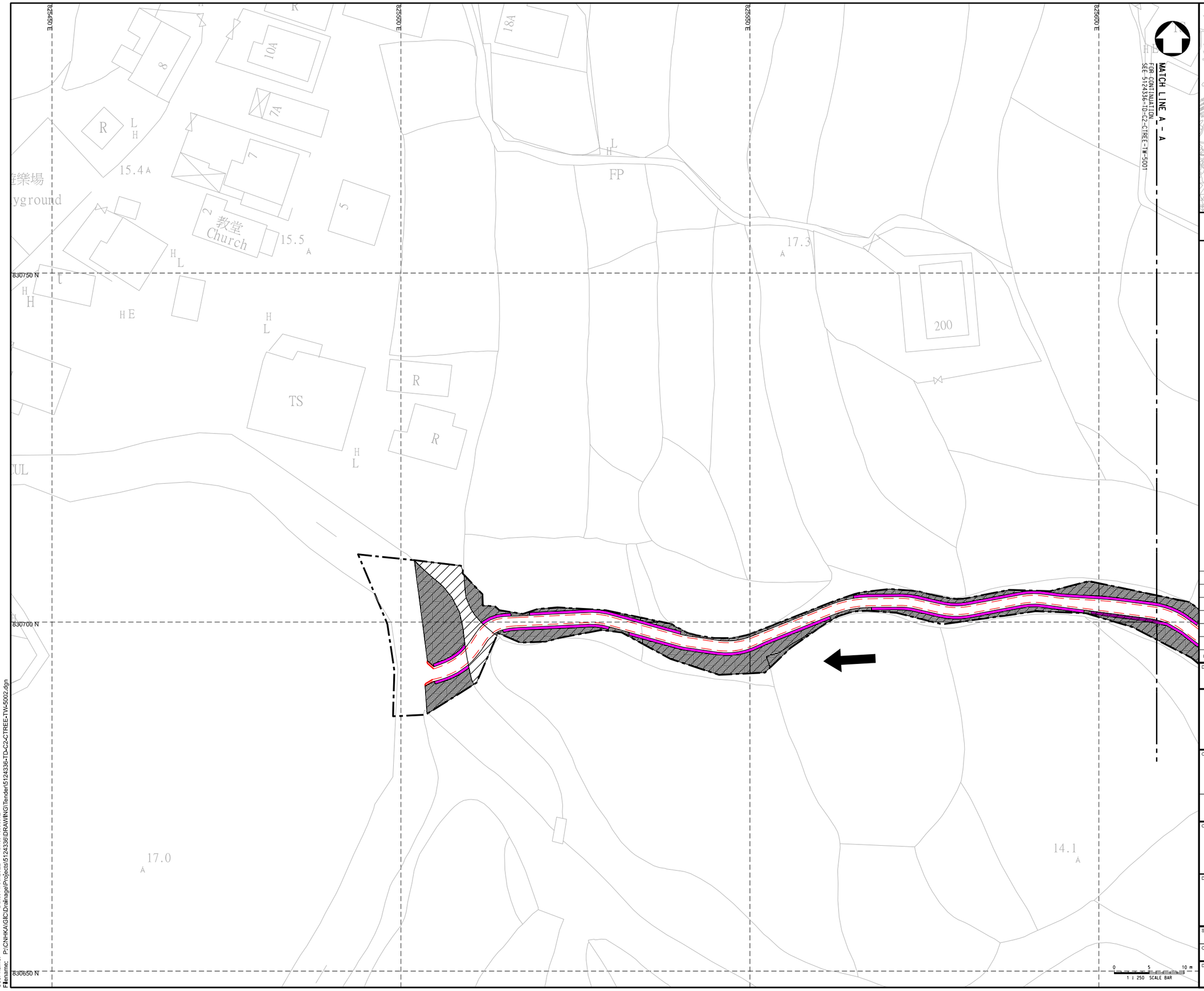
Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

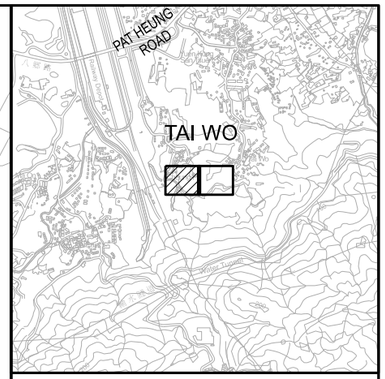
Drawing Number: 5124336-TD-C2-CTREE-TW-5001

Revision: -

1 : 250 SCALE BAR (0, 5, 10 m)

User name: LEUN3329 Date: 20/09/2022 Time: 14:09:03
Filename: P:\CNHK\GIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-TW-5001.dgn





KEY PLAN
N.T.S.

NOTES:

1. CLIMBING PLANT SHALL BE PROVIDED ALL ALONG TOP OF THE CHANNEL WALL. DETAILED ARRANGEMENT SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9011.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED CLIMBING PLANT
- PAVEMENT TO BE PROVIDED TO MATCH WITH EXISTING ROAD
- HYDRO SEEDING

Rev.	Date	Description	By	Chk'd	App'd
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: TENDER

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: Drainage Services Department

Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
PROPOSED COMPENSATORY PLANTING
AND LANDSCAPE PLAN
AT TAI WO
(SHEET 2 OF 2)

Scale	Designed	Drawn	Checked	Authorised
1 : 250	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-CTREE-TW-5002

Revision: -

User name: LEUN3329 Date:14/09/2022 Time: 19:06:12
Filename: P:\CNHKAIGIC\Drainage\Projects\5124336\DRAWING\Tender\5124336-TD-C2-CTREE-TW-5002.dgn

Appendix E – Hoarding and Lighting Details

RHYNE Floodlight
Anti-Glare Shield

The RHYNE Floodlight Anti-Glare Shield is designed for minimizing light pollution and disturbance in sensitive environments. It can be used on signage, flagpoles around tall buildings, or residential areas.

Available to suit the complete RHYNE Floodlight Range. Can be retrofitted to existing applications.

SPECIFICATIONS

Material Specifications

Material	Steel
Finish	Anti-Corrosive Powder Coat, Black
Dimensions	150mm Flaps
Ingress Protection	IP66
Impact Rating	IK10
Warranty	5 Year Replacement
Weight	1kg

Mounting

Beam Angle	Adjustable
Mounting	Attaches to RHYNE Floodlight Series
Application	Flagpoles, Residential Areas

VARIATIONS

LC2380	RHYNE Anti-Glare Shield to suit 24W Floodlight
LC2381	RHYNE Anti-Glare Shield to suit 50W Floodlight
LC2382	RHYNE Anti-Glare Shield to suit 70W Floodlight
LC2383	RHYNE Anti-Glare Shield to suit 120W/200W Floodlight

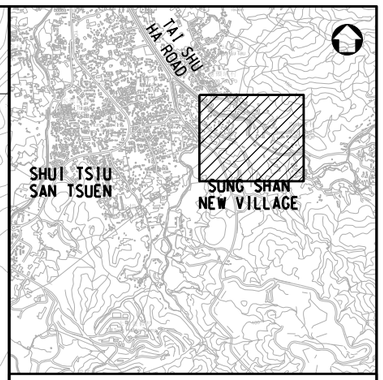
E582

1300 827 284
sales@decrolux.com

E582

822600 E
822700 E
822800 E
822900 E
831800 N
831600 N
831400 N

SSNV.A



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- PROPOSED TEMPORARY GUARDING / BARRIER
- PROPOSED TEMPORARY DECORATIVE HOARDING

NOTES :

1. *THE CONTRACTOR* SHALL PROVIDE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER UPON POSSESSION OF SITE.
2. THE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER SHALL BE REMOVED AT THE END OF CONTRACT.
3. *THE CONTRACTOR* SHALL PREPARE AND SUBMIT TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER LAYOUT PLAN AND DETAILS FOR *SUPERVISOR'S* ACCEPTANCE.
4. THIS LAYOUT IS INDICATIVE ONLY SUBJECT TO CONSTRUCTION SEQUENCE, SITE CONSTRAINTS, AGREEMENT WITH VILLAGERS, STAKEHOLDERS, GOVERNMENT AUTHORITIES AND *SUPERVISOR'S* ACCEPTANCE.

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
SUNG SHAN NEW VILLAGE -
TEMPORARY FENCING LAYOUT

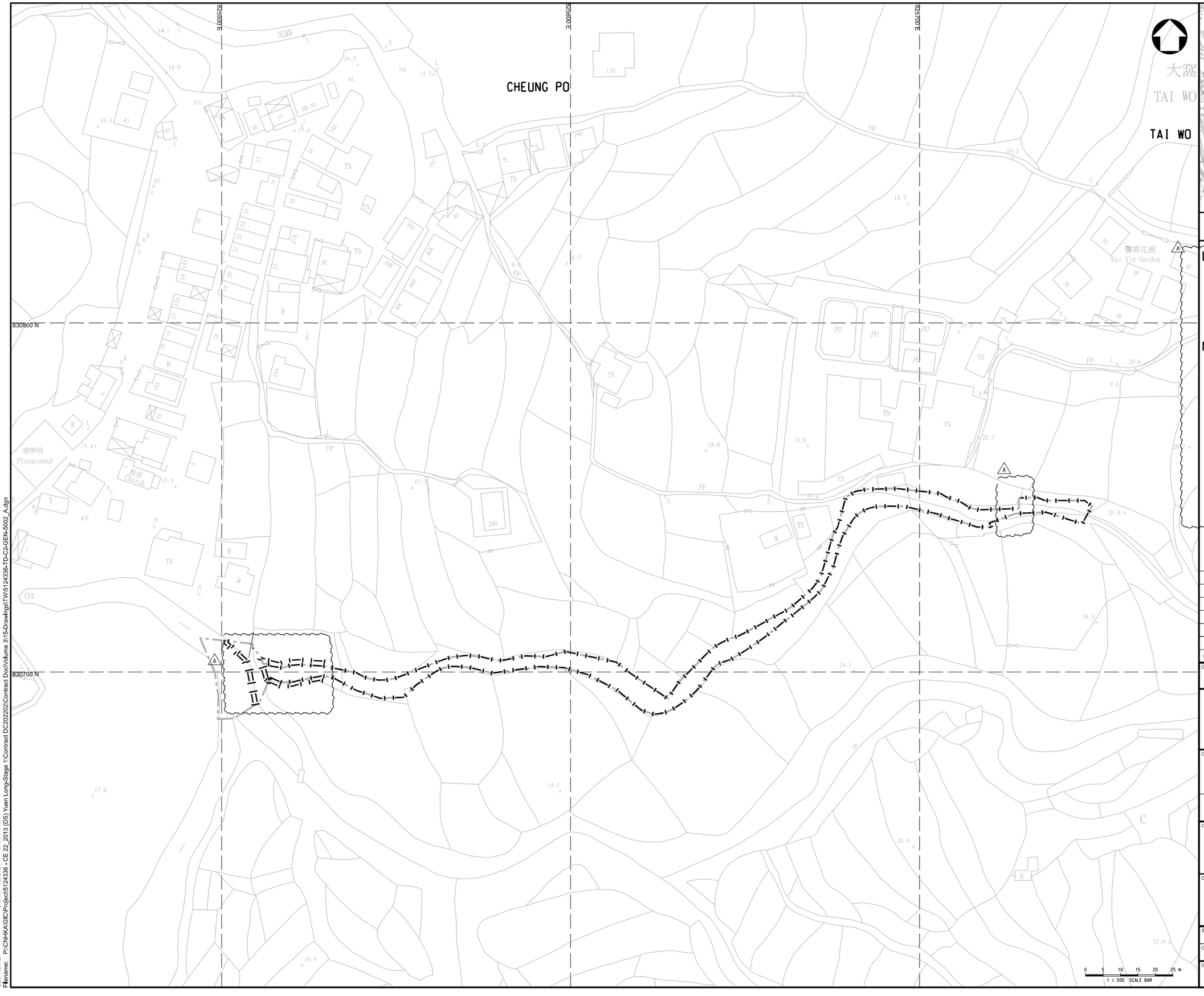
Scale	Designed	Drawn	Checked	Authorised
1 : 1000	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-4003
Revision: A

0 10 20 30 40 50 m
1 000 SCALE BAR

User name: LEUN3329 Date:07/02/2023 Time: 17:15:24
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\SSNV\5124336-TD-C2-GEN-4003_A.dgn

CONTROLLED COPY



KEY PLAN
N.T.S.

LEGEND:

- WORKS BOUNDARY
- PROPOSED TEMPORARY GUARDING / BARRIER
- PROPOSED TEMPORARY DECORATIVE HOARDING

NOTES :

1. THE *CONTRACTOR* SHALL PROVIDE TEMPORARY GUARDING/ DECORATIVE HOARDING/ BARRIER UPON POSSESSION OF SITE.
2. THE TEMPORARY GUARDING/ DECORATIVE HOARDING/ BARRIER SHALL BE REMOVED AT THE END OF CONTRACT.
3. THE *CONTRACTOR* SHALL PREPARE AND SUBMIT TEMPORARY GUARDING/ DECORATIVE HOARDING/ BARRIER LAYOUT PLAN AND DETAILS FOR *SUPERVISOR'S* ACCEPTANCE.
4. THIS LAYOUT IS INDICATIVE ONLY SUBJECT TO CONSTRUCTION SEQUENCE, SITE CONSTRAINTS, AGREEMENT WITH VILLAGERS, STAKEHOLDERS, GOVERNMENT AUTHORITIES AND *SUPERVISOR'S* ACCEPTANCE.

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
TAI WO -
TEMPORARY FENCING LAYOUT

Scale	Designed	Drawn	Checked	Authorised
1 : 500	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-5002

Revision: A

0 5 10 15 20 25 m
1 : 500 SCALE BAR

User name: LEUN3329 Date:07/02/2023 Time: 17:03:15
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC/2022/02\Contract Doc\Volume 3\15-Drawings\TW\5124336-TD-C2-GEN-5002_A.dgn

DO NOT SCALE

826600 E 826700 E 826800 E 826900 E 827000 E

832200 N

832000 N

831800 N

831600 N

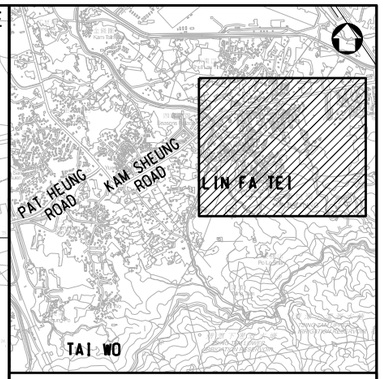
KAM SHEUNG ROAD

LIN FA TEI

SHUI TSAN TIN

0 12.5 25 37.5 50 62.5 m
1 : 1250 SCALE BAR

Millimetres 0 10 100



KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

PROPOSED TEMPORARY GUARDING / BARRIER

PROPOSED TEMPORARY DECORATIVE HOARDING

NOTES :

1. THE *CONTRACTOR* SHALL PROVIDE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER UPON POSSESSION OF SITE.
2. THE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER SHALL BE REMOVED AT THE END OF CONTRACT.
3. THE *CONTRACTOR* SHALL PREPARE AND SUBMIT TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER LAYOUT PLAN AND DETAILS FOR SUPERVISOR'S ACCEPTANCE.
4. THIS LAYOUT IS INDICATIVE ONLY SUBJECT TO CONSTRUCTION SEQUENCE, SITE CONSTRAINTS, AGREEMENT WITH VILLAGERS, STAKEHOLDERS, GOVERNMENT AUTHORITIES AND SUPERVISOR'S ACCEPTANCE.

CONTROLLED COPY

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
LIN FA TEI -
TEMPORARY FENCING LAYOUT

Scale	Designed	Drawn	Checked	Authorised
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Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-6006

Revision: A

User name: LEUN3329 Date:07/02/2023 Time:17:25:29
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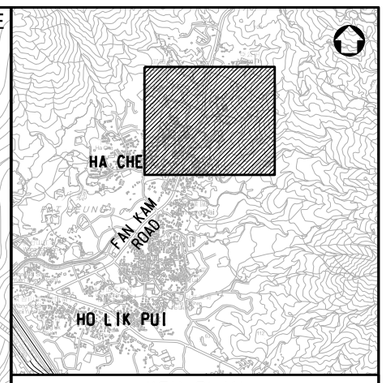
DO NOT SCALE

827700 E
828000 E
828300 E

CHUNG YAN PEI
A KUNG TIN
FAN KAM ROAD
SHUI KAN SHEK
SHEUNG CHE
HA CHE
CHUK HANG

834800 N
834600 N
834400 N



KEY PLAN
N.T.S.

LEGEND:

WORKS BOUNDARY

PROPOSED TEMPORARY GUARDING / BARRIER

PROPOSED TEMPORARY DECORATIVE HOARDING

NOTES :

1. *THE CONTRACTOR* SHALL PROVIDE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER UPON POSSESSION OF SITE.
2. THE TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER SHALL BE REMOVED AT THE END OF CONTRACT.
3. *THE CONTRACTOR* SHALL PREPARE AND SUBMIT TEMPORARY GUARDING / DECORATIVE HOARDING / BARRIER LAYOUT PLAN AND DETAILS FOR SUPERVISOR'S ACCEPTANCE.
4. THIS LAYOUT IS INDICATIVE ONLY SUBJECT TO CONSTRUCTION SEQUENCE, SITE CONSTRAINTS, AGREEMENT WITH VILLAGERS, STAKEHOLDERS, GOVERNMENT AUTHORITIES AND SUPERVISOR'S ACCEPTANCE.

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
TEMPORARY FENCING LAYOUT

Scale	Designed	Drawn	Checked	Authorised
1 : 1250	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-8005
Revision: A

User name: LEUN3329 Date:08/02/2023 Time: 17:24:44
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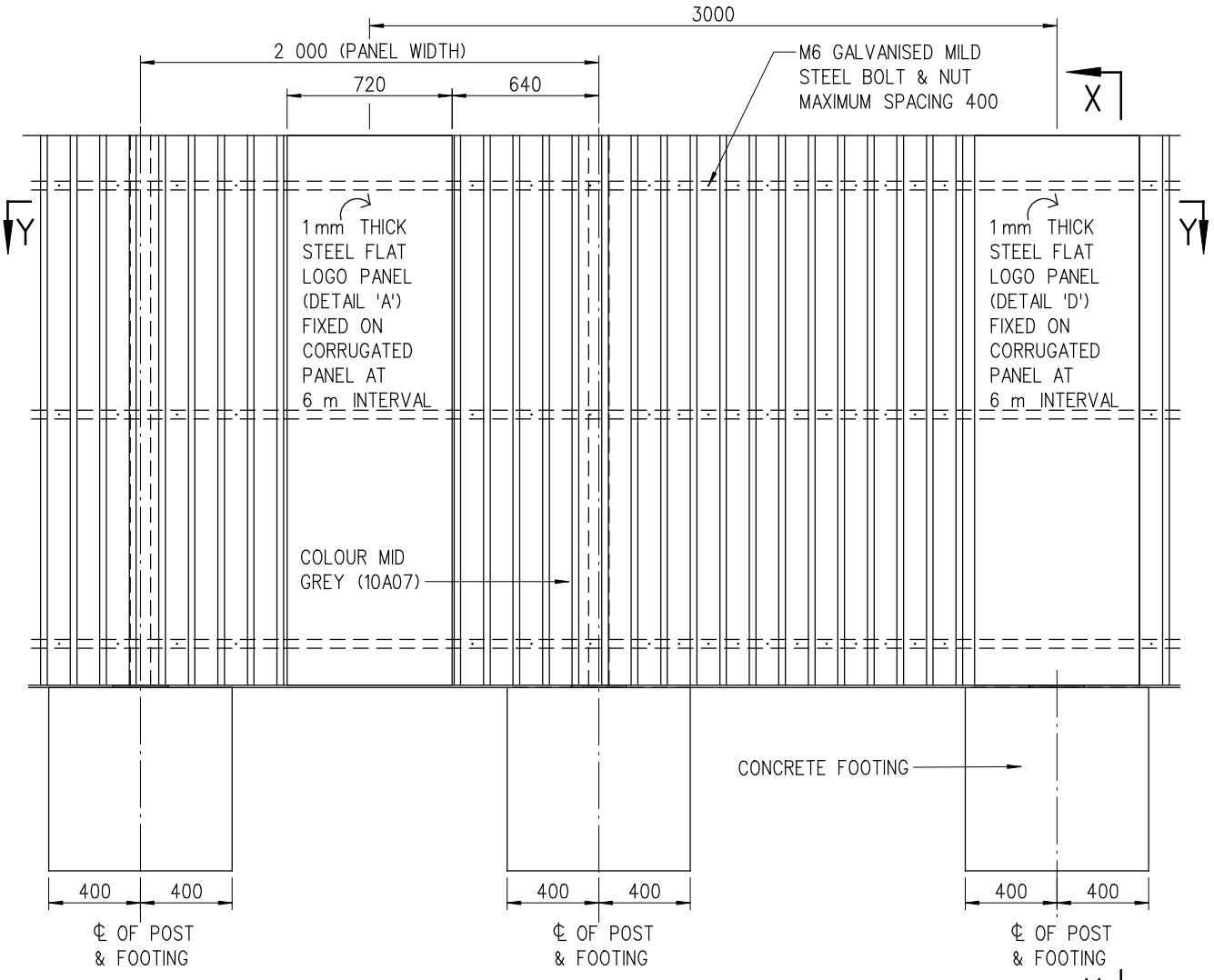
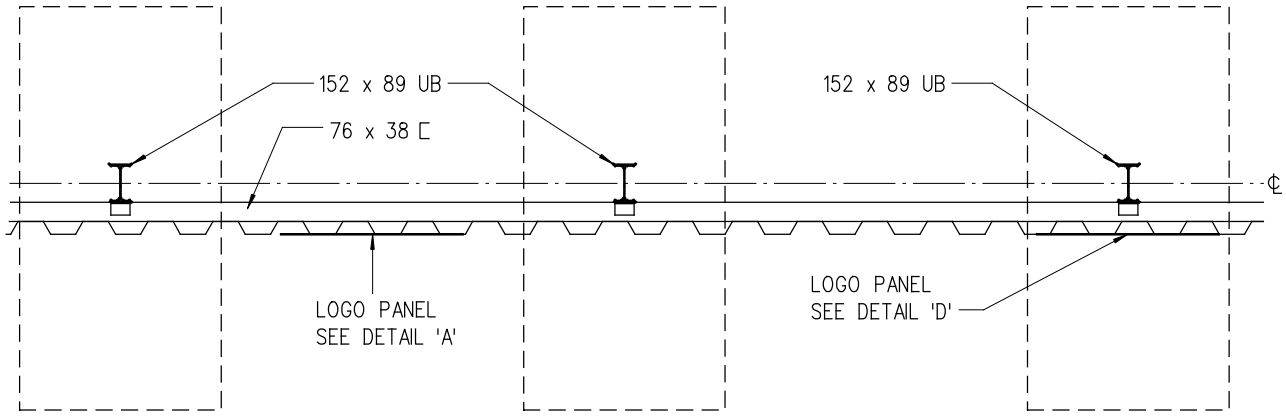


ELEVATION



SECTION Y-Y

REV.	DESCRIPTION	SIGNATURE	DATE
C	INCORPORATION OF CONSTRUCTION INDUSTRY LOGO	ORIGINAL SIGNED	2.9.2011
B	HEIGHT OF STEEL SHEETING AND SIZES OF POST & FOOTING REVISED	ORIGINAL SIGNED	8.2.2002
A	GENERAL REVIEW	ORIGINAL SIGNED	2.2.2001

SITE HOARDING

DRAINAGE SERVICES DEPARTMENT

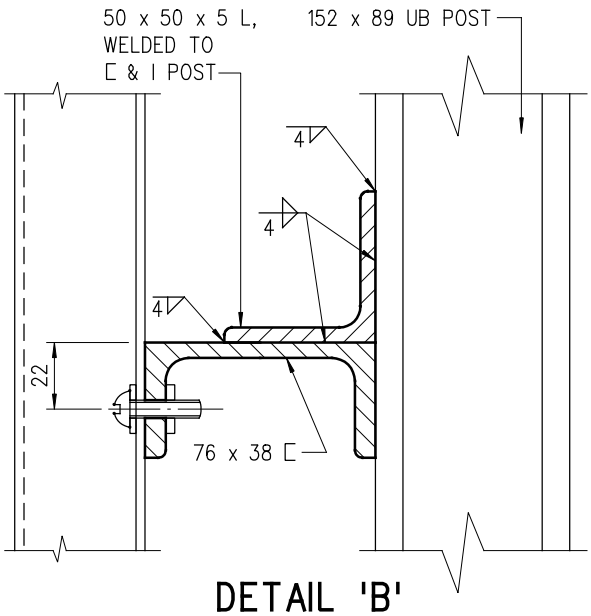
REFERENCE

SCALE 1 : 30

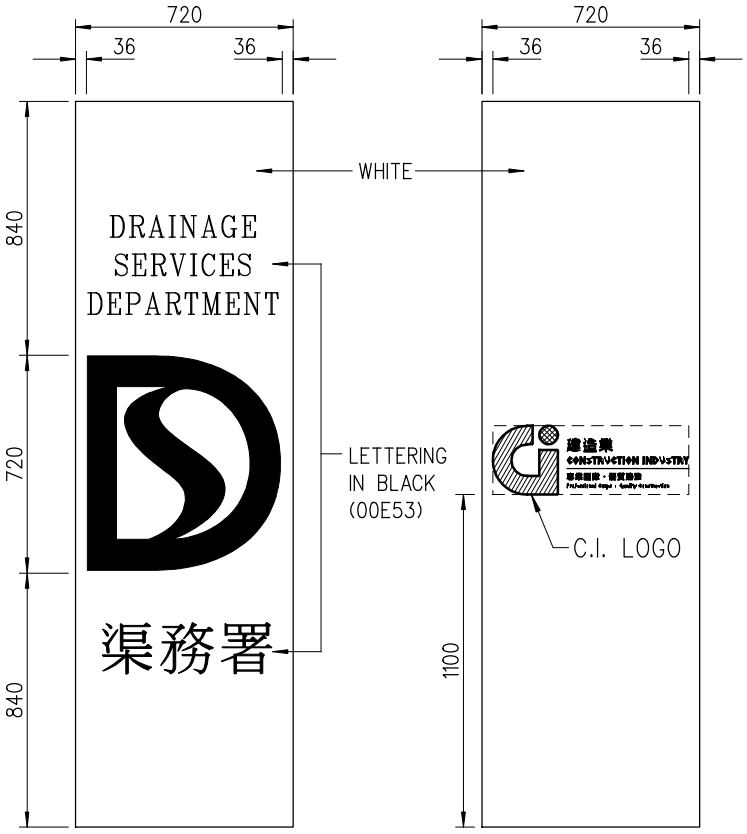
DRAWING No.

DS 1065C

(SHEET 1 OF 3)

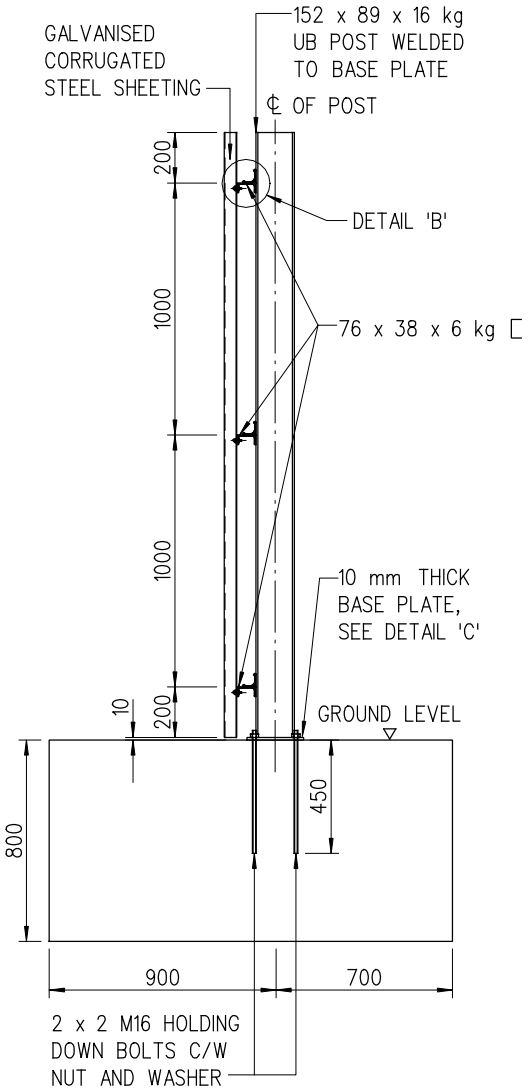


DETAIL 'B'
SCALE 1 : 2.5

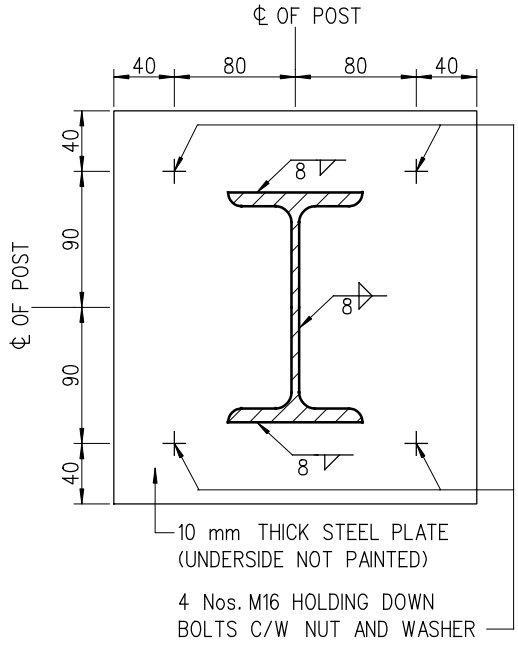


DETAIL 'A'
SCALE 1 : 25

DETAIL 'D'
SCALE 1 : 25



SECTION X-X
SCALE 1 : 30



DETAIL 'C'
SCALE 1 : 5

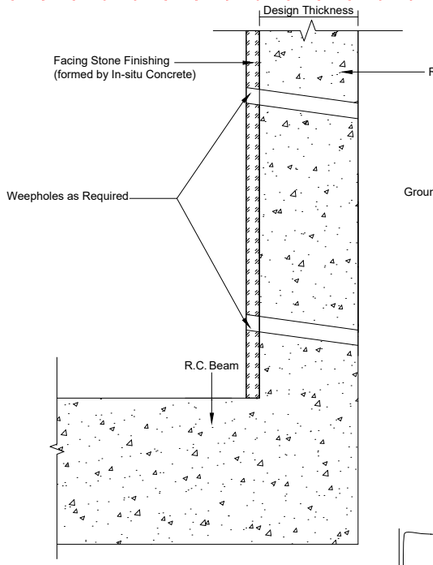
REV.	DESCRIPTION	SIGNATURE	DATE
C	INCORPORATION OF CONSTRUCTION INDUSTRY LOGO	ORIGINAL SIGNED	2.9.2011
B	HEIGHT OF STEEL SHEETING AND SIZES OF POST & FOOTING REVISED	ORIGINAL SIGNED	8.2.2002
A	GENERAL REVIEW	ORIGINAL SIGNED	2.2.2001

SITE HOARDING

DRAINAGE SERVICES DEPARTMENT

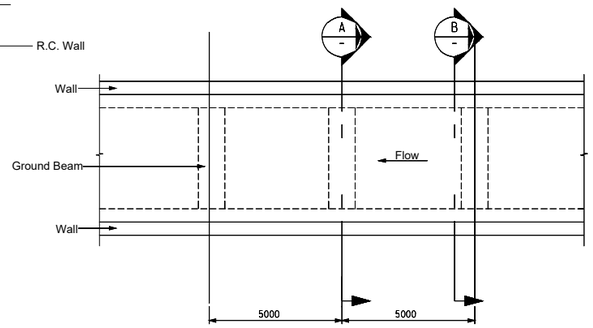
REFERENCE	DRAWING No.
SCALE: AS SHOWN	DS 1065C (SHEET 2 OF 3)

Appendix F – Soft and Hard Landscape Designs



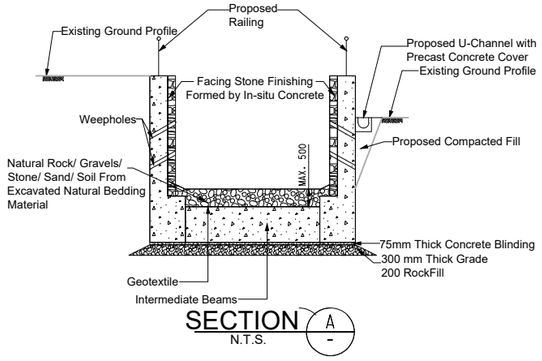
TYPICAL SECTION

N.T.S.



BEDDING DESIGN TYPE 1A

N.T.S.



SECTION A

N.T.S.

NOTE:

1. ALL DIMENSION TO BE READ IN mm

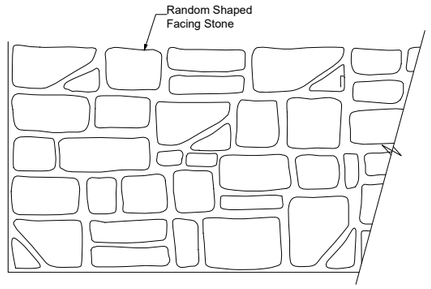
.

2. VARYING AND RANDOM SIZE OF FACING STONE SHALL BE PRODUCED. MAXIMUM THICKNESS OF FACING STONE IS 75mm.

3. THE CONCRETE FINISHING WILL BE APPLIED SOLELY TO THE SECTIONS WITH ELS DUE TO ENGINEERING CONCERN, RATHER THAN TO THE WHOLE GREEN CHANNELS.

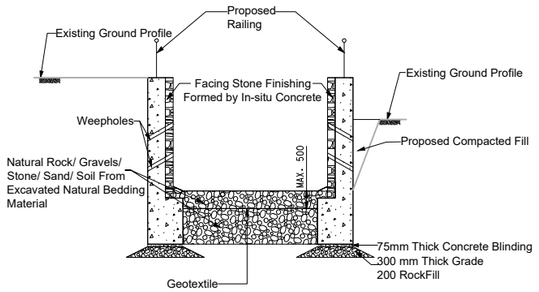
REINFORCEMENT CONCRETE

FACING STONE FINISHING
(FORMED BY IN-SITU CONCRETE)



ELEVATION OF FACING STONE
(RANDOM PATTERN)

N.T.S.

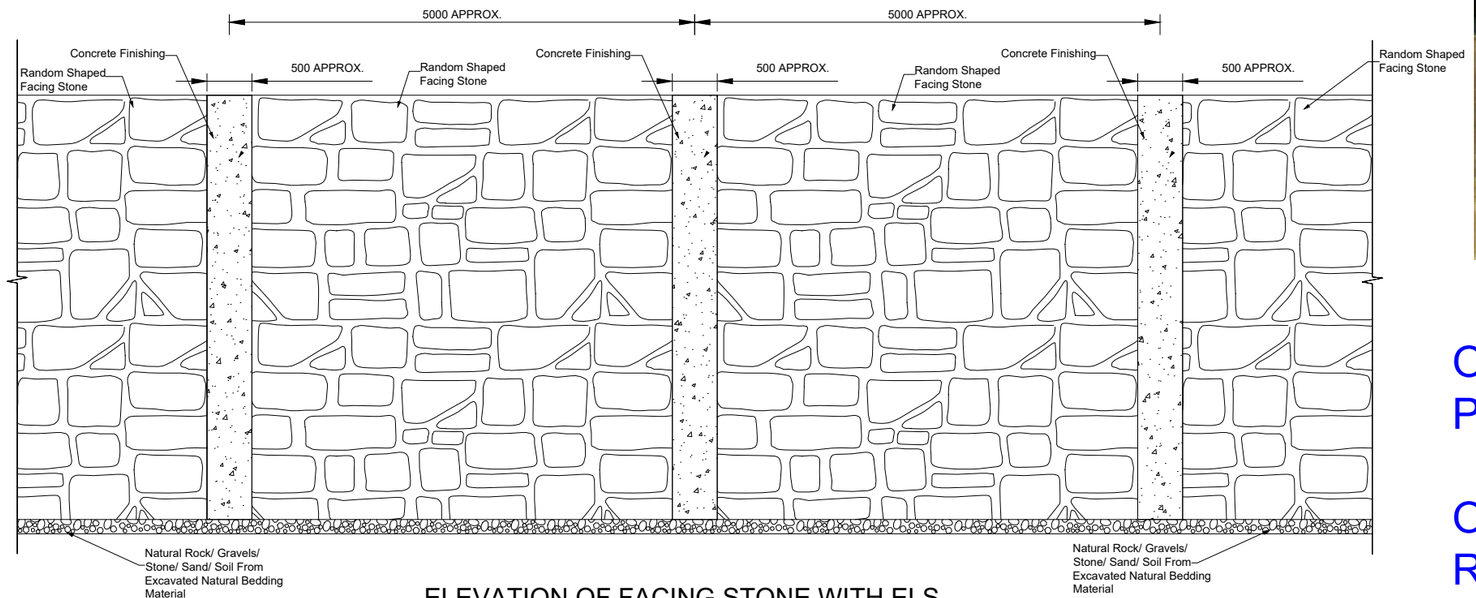


SECTION B

N.T.S.

TYPICAL TYPE AND ARRANGEMENT OF
FACING STONE

N.T.S.



ELEVATION OF FACING STONE WITH ELS

N.T.S.

OM2 - Aesthetically Pleasing Design

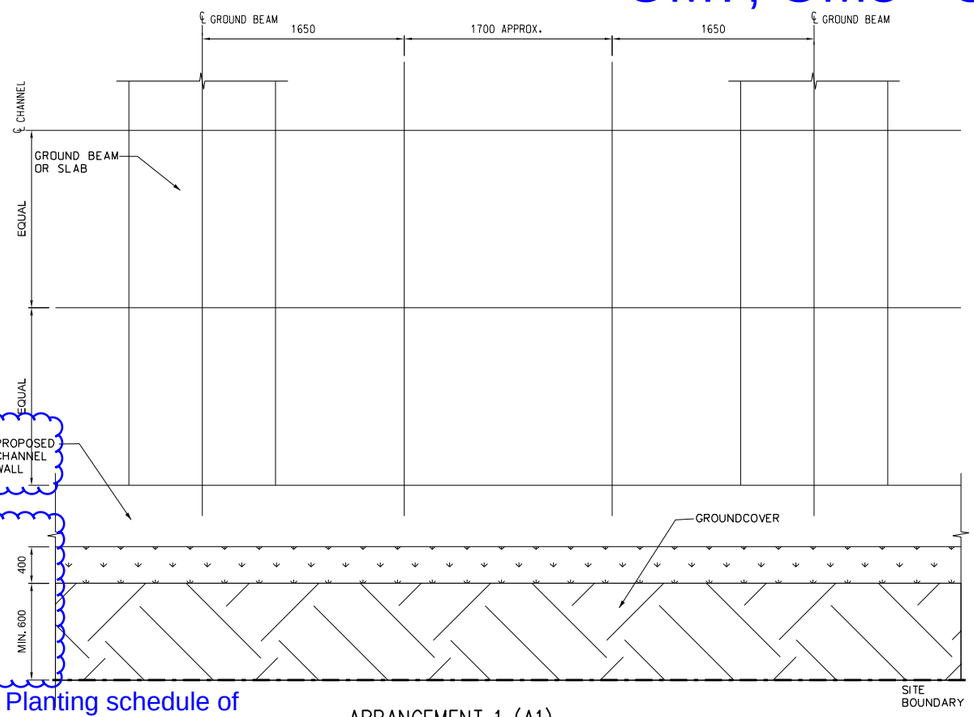
OM5 - Design of Retaining Walls and Channel Embankments

CONTROLLED COPY

Wing Tat Civil Engineering Co. Limited
永達土木工程有限公司

DRAWN	CHECKED	TITLE	SKETCH NO.
WWH	JL	**Contract No. DC/2022/02** **Drainage Improvement Works at Yuen Long-Stage 2** DETAIL OF CONCRETE FACING STONE FINISHING	WT/DC/2022/02/CF/SK/001
DATE: DEC 2024	SCALE: N.T.S.		REV.

OM7, OM8 - Channel Edge, Vertical and trailing Greening

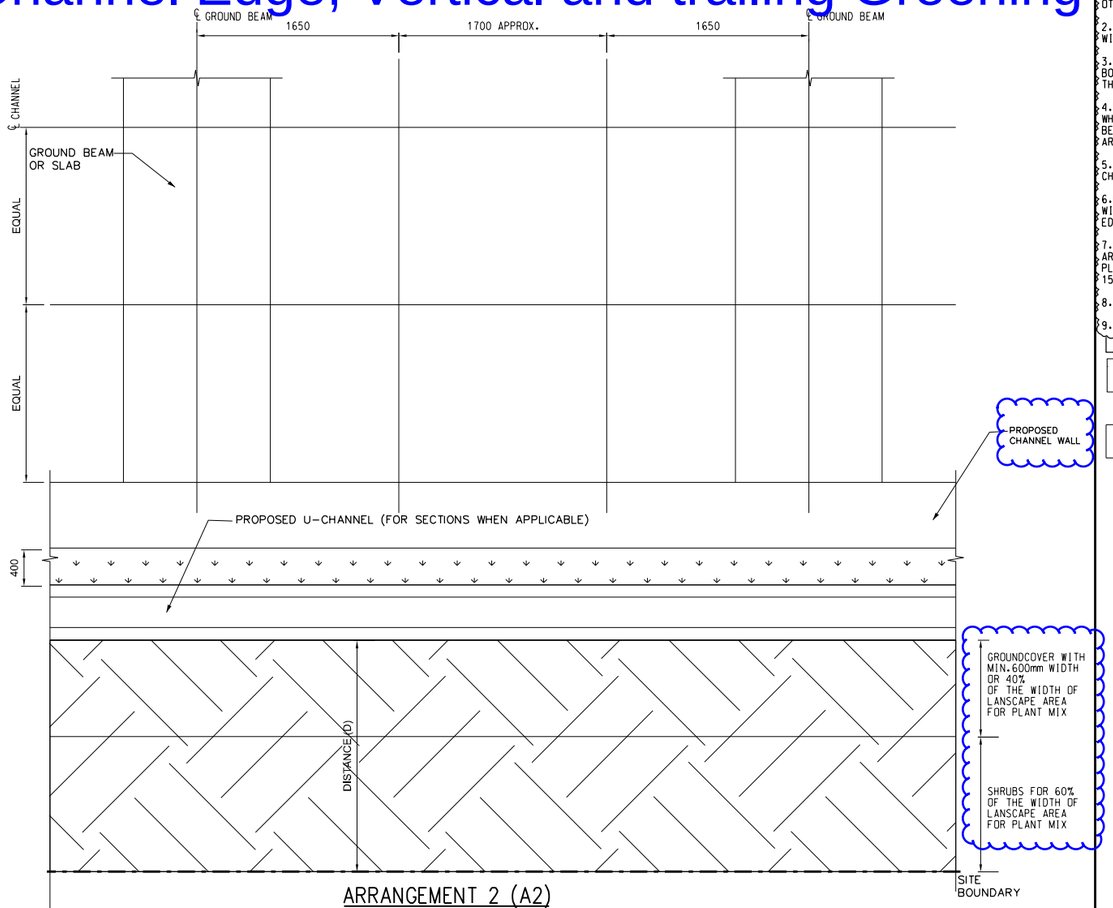


ARRANGEMENT 1 (A1)

SCALE N.T.S.

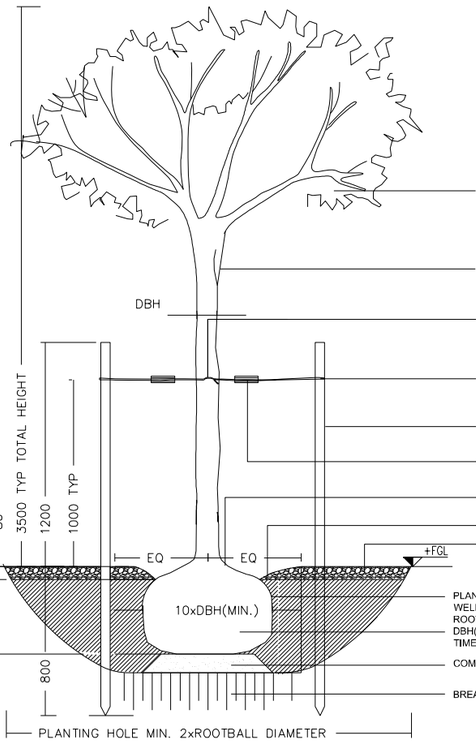
Planting schedule of vertical greening

ORIGIN	Bontanical Name	Chinese Name	Minimum Dimensions				Spacing(mm)	Type
			Number of stem	Length of stems (mm)	Spread diameter (mm)	Container diameter (mm)		
Native	*FICUS PUMILA*	薜荔	3	1000	200	250	350	Climbers



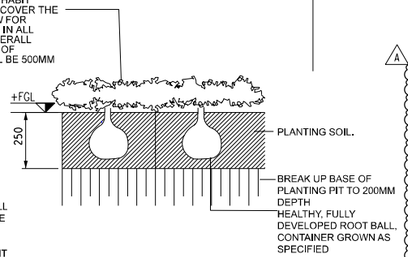
ARRANGEMENT 2 (A2)

SCALE N.T.S.



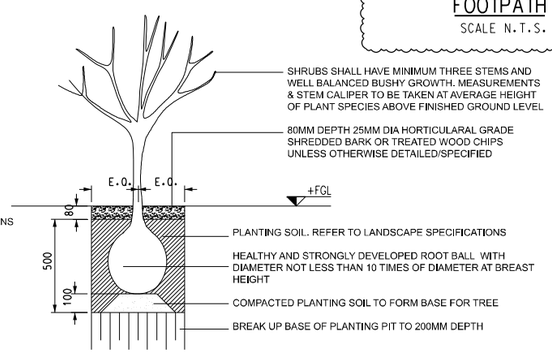
TYPICAL DETAIL FOR COMPENSATORY TREES

SCALE N.T.S.



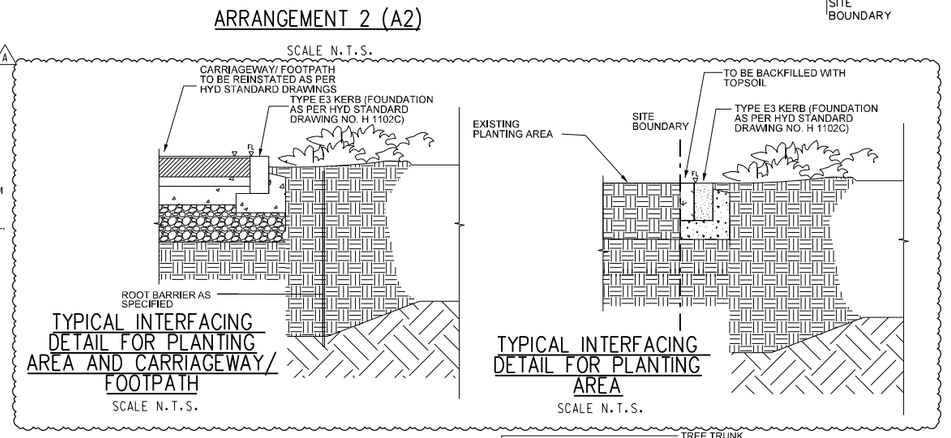
TYPICAL DETAIL OF GROUNDCOVER

SCALE N.T.S.



TYPICAL DETAIL OF SHRUBS

SCALE N.T.S.

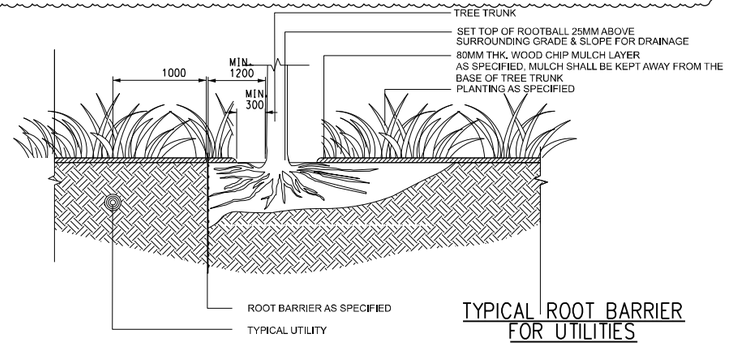


TYPICAL INTERFACING DETAIL FOR PLANTING AREA AND CARRIAGEWAY/ FOOTPATH

SCALE N.T.S.

TYPICAL INTERFACING DETAIL FOR PLANTING AREA

SCALE N.T.S.



TYPICAL ROOT BARRIER FOR UTILITIES

SCALE N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE STATED.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 5124336-TD-C2-GEN-9010.
3. PLANTING SHALL BE PROVIDED WITHIN SITE BOUNDARIES ALONG THE TOP OF PROPOSED CHANNEL THROUGHOUT ON GOVERNMENT LAND ONLY.
4. HYDROSEEDING SHALL BE PROVIDED TO THE PLANTING MIX WHEN THE PLANTING AREA HAS A WIDTH LESS THAN 600mm BETWEEN THE SITE BOUNDARY AND THE EDGE OF PLANTING AREA OF CLIMBING PLANTS/ U-CHANNEL.
5. AVERAGE NUMBER OF ROWS CLIMBERS ALONG TOP OF CHANNEL = 2.
6. PLANTING ARRANGEMENT A1 SHALL APPLY TO LANDSCAPE AREA WITH WIDTH (MEASURED FROM CLIMBERS PLANT AREA/ U-CHANNEL EDGE TO SITE BOUNDARY) IN BETWEEN 600MM TO 1500MM.
7. PLANTING ARRANGEMENT A2 SHALL APPLY TO THE LANDSCAPE AREA WITH THE WIDTH BETWEEN MEASURED FROM CLIMBERS PLANT AREA/ U-CHANNEL EDGE AND SITE BOUNDARY MORE THAN 1500mm.
8. AQUATIC PLANT AT CHANNEL BED IS NOT SHOWN FOR CLARIFY.
9. ALL PLANTINGS SHALL BE DELIVERED IN POT.

LEGEND:

FICUS PUMILA (薜荔)

PLANTING MIX

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: PROPOSED CLIMBING PLANT AT TOP CHANNEL AND TYPICAL LANSCAPING DETAILS

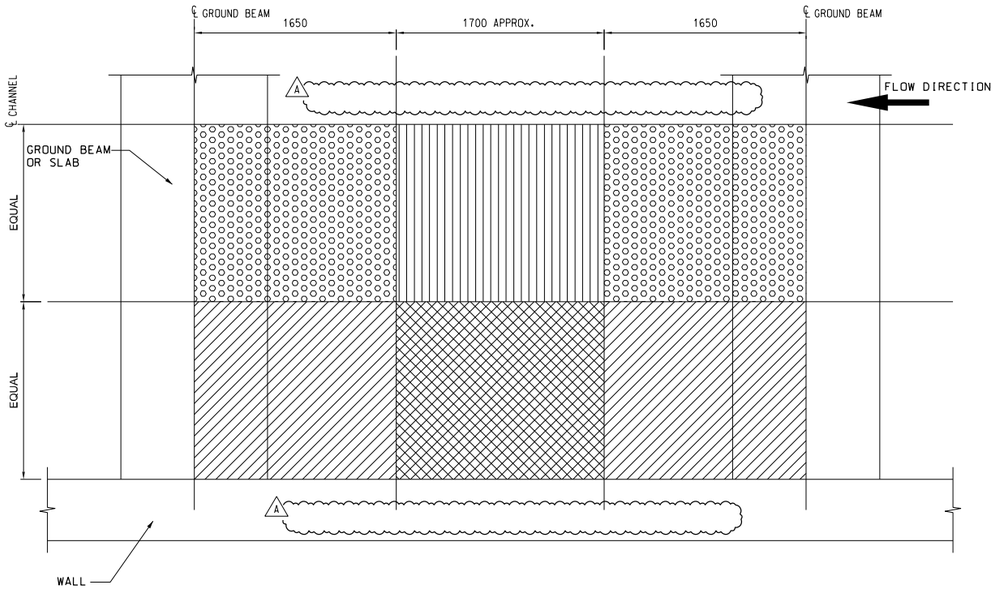
Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-GEN-9011

Revision: A

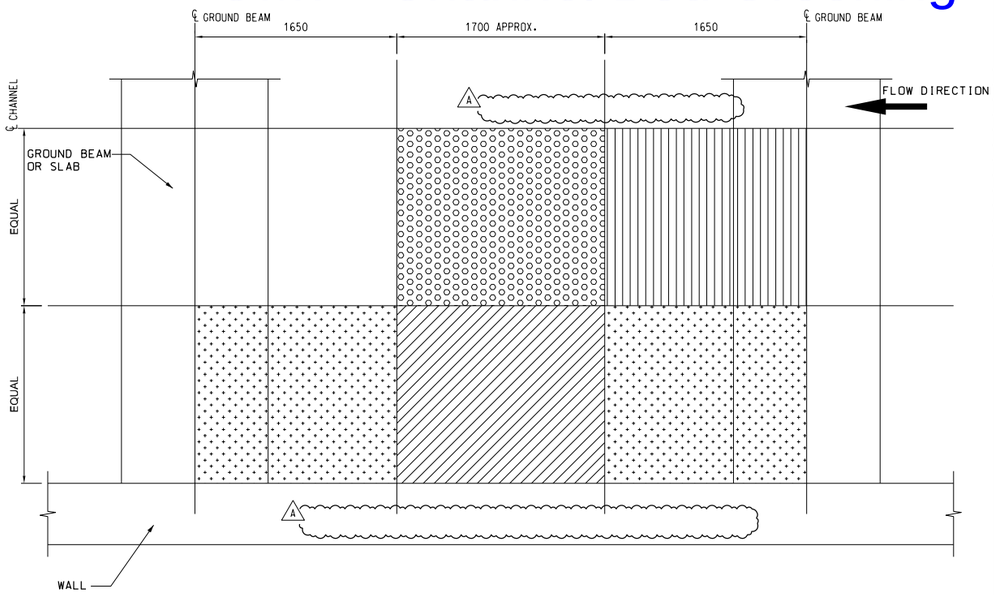
User name: LEUN3329 Date:07/02/2023 Time: 10:19:00
Filename: P:\CNHK\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\General\5124336-TD-C2-GEN-9011_A.dgn

OM7 - Channel Bed Greening



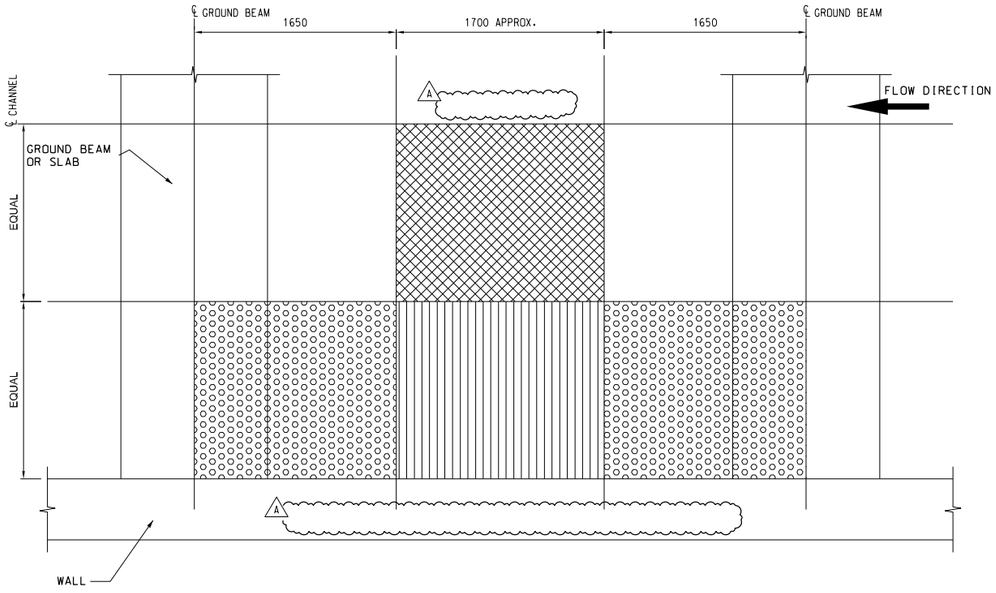
PATTERN 1 (T1)

(T1 IS NOT REQUIRED ON OPPOSITE SIDE IN THE SAME BAY)
SCALE N.T.S.



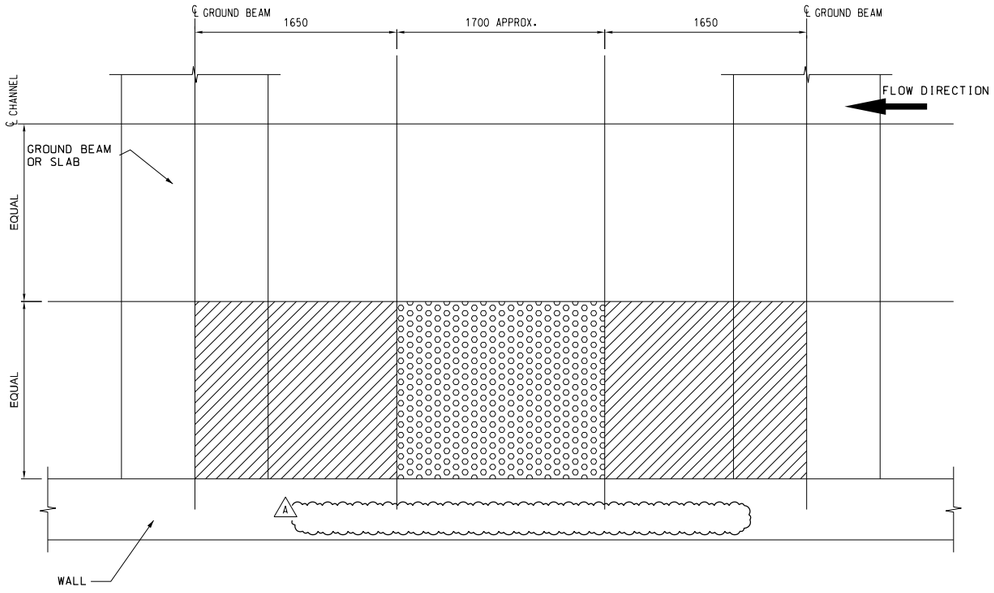
PATTERN 2 (T2)

(T2 IS NOT REQUIRED ON OPPOSITE SIDE IN THE SAME BAY)
SCALE N.T.S.



PATTERN 3 (T3)

(T3 IS NOT REQUIRED ON OPPOSITE SIDE IN THE SAME BAY)
SCALE N.T.S.



PATTERN 4 (T4)

(T4 IS NOT REQUIRED ON OPPOSITE SIDE IN THE SAME BAY)
SCALE N.T.S.

B

Botanical Name	Chinese Name	Minimum Dimensions			Min. Spacing(mm)	Min. Density (nos./m^2)	Origin	Type
		Number of stem	Length of stems (mm)	Spread diameter (mm)				
Acorus gramineus	金錢蒲	1	300	200	200	10	Native	Aquatic herb
Bacopa monnieri	假馬齒莧	1	300	200	200	10	Native	Aquatic herb
Cyperus distans	疏穗沙草	1	200	200	200	10	Native	Aquatic herb
Juncus effusus	燈芯	1	250	200	200	10	Native	Aquatic herb
Lobelia chinensis	半邊蓮	1	250	200	200	10	Native	Aquatic herb

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE STATED.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 5124336-TD-C2-GEN-9011.
3. PLANTING SHALL BE PROVIDE WITHIN SITE BOUNDARIES ALONG THE TOP OF PROPOSED CHANNEL THROUGHOUT ON GOVERNMENT LAND ONLY.
4. HYDROSEEDING SHALL BE PROVIDED TO THE PLANTING MIX WHEN THE PLANTING AREA HAS A WIDTH LESS THAN 600mm BETWEEN THE SITE BOUNDARY AND THE EDGE OF PLANTING AREA OF CLIMBING PLANTS/ U-CHANNEL.
5. AVERAGE NUMBER OF ROWS CLIMBERS ALONG TOP OF CHANNEL = 2.
6. PLANTING ARRANGEMENT A1 SHALL APPLY TO LANDSCAPE AREA WITH WIDTH (MEASURED FROM CLIMBERS PLANT AREA/ U-CHANNEL EDGE TO SITE BOUNDARY) IN BETWEEN 600MM TO 1500MM.
7. PLANTING ARRANGEMENT A2 SHALL APPLY TO THE LANDSCAPE AREA WITH THE WIDTH BETWEEN MEASURED FROM CLIMBERS PLANT AREA/ U-CHANNEL EDGE AND SITE BOUNDARY MORE THAN 1500mm.
8. ALL PLANTINGS SHALL BE DELIVERED IN POT.

A

LEGEND:

- ACORUS GRAMINEUS (金錢蒲)
- BACOPA MONNIERI (假馬齒莧)
- CYPERUS DISTANS (疏穗沙草)
- JUNCUS EFFUSUS (燈芯)
- LOBELIA CHINENSIS (半邊蓮)

CONTRACT COPY

Rev.	Date	Description	By	Chk'd	App'd
B	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title: CONTRACT NO. DC/2022/02 DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title: AQUATIC PLANT AT CHANNEL BED

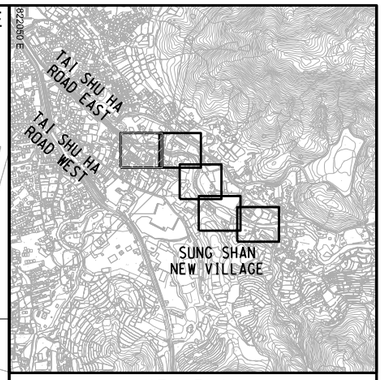
Scale	Designed	Drawn	Checked	Authorised
N.T.S.	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-GEN-9010
Revision: B

OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4501



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-4000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED 1000mm(D)x1200mm(W) GROUND BEAM, UNLESS NOTED OTHERWISE
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT (A)
- IJ — PROPOSED 25mm WIDE ISOLATION JOINT (A)
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
SUNG SHAN NEW VILLAGE -
AQUATIC PLANTING LAYOUT
(SHEET 1 OF 5)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Orignal Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-4500
Revision: A

1 : 200 SCALE BAR

User name: LEUN3329 Date:07/02/2023 Time: 17:14:27
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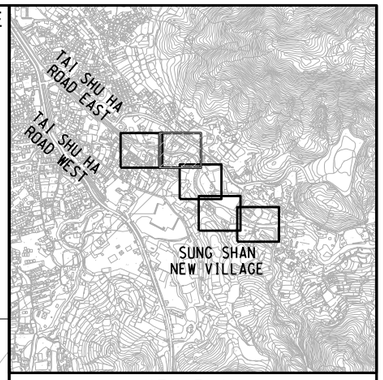
OM7 - Channel Bed Greening

DO NOT SCALE



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-4000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED 1000mm(D)x1200mm(W) GROUND BEAM, UNLESS NOTED OTHERWISE.
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部
Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
SUNG SHAN NEW VILLAGE -
AQUATIC PLANTING LAYOUT
(SHEET 2 OF 5)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-4501
Revision: A

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4500

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4502

822050 E
822100 E
822150 E
831750 N
831700 N

5000 TYP.

1 : 200 SCALE BAR

User name: LEUN3329 Date:07/02/2023 Time:17:14:29
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\SSNV\5124336-TD-C2-DP-4501_A.dgn

OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4501

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4503

831650 N
831600 N
832150 E
822200 E

MAX. 1(VERTICAL) : 2(HORIZONTAL) SLOPE

EXISTING CHANNEL TO BE BACKFILL TO +12.7mPD

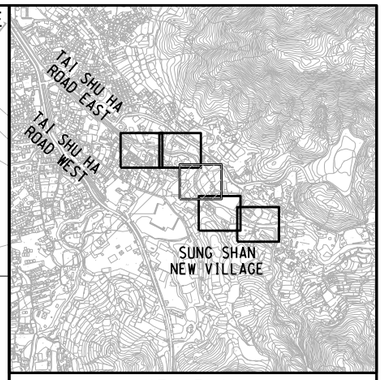
T1 T2 T3 T4 TA

FR EJ

5000 TYP.

0 5 10 m
1 : 200 SCALE BAR

Millimetres 0 10 100



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-4000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9010.

A

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED 1000mm(D)x1200mm(W) GROUND BEAM, UNLESS NOTED OTHERWISE.
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2

Drawing Title:
SUNG SHAN NEW VILLAGE - AQUATIC PLANTING LAYOUT (SHEET 3 OF 5)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-4502
Revision: A

User name: LEUN3329 Date:07/02/2023 Time: 17:14:30
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\SSNV\5124336-TD-C2-DP-4502_A.dgn

OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4504

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4504

831550 N

831500 N

822250 E

822300 E

5000 TYP.

T1 T2 T3 T4

FR EJ

TS

14.0

19.5

13.7

16.0

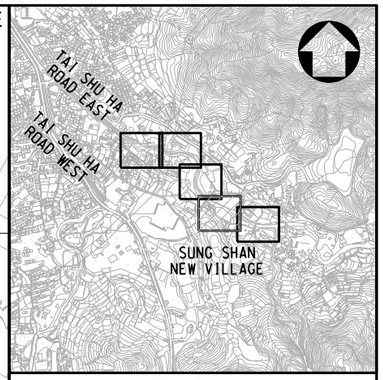
107

20

C

墓地
Graves

0 5 10 m
1 : 200 SCALE BAR



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-4000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED 1000mm(D)x1200mm(W) GROUND BEAM, UNLESS NOTED OTHERWISE
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
			SHC	WCTT	KP
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
SUNG SHAN NEW VILLAGE -
AQUATIC PLANTING LAYOUT
(SHEET 4 OF 5)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-4503
Revision: A

User name: LEUN3329 Date:07/02/2023 Time:17:14:34
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\SSN\5124336-TD-C2-DP-4503_A.dgn

OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-4503

822300 E
822250 E
822200 E
831500 N
831450 N

EXISTING PEDESTRIAN CROSSING TO BE DEMOLISHED AND RE-PROVIDED

PROPOSED PEDESTRIAN CROSSING NO. 2

PROPOSED ROCK TRAP

2x100 DIA. DRAIN HOLES

+11.66

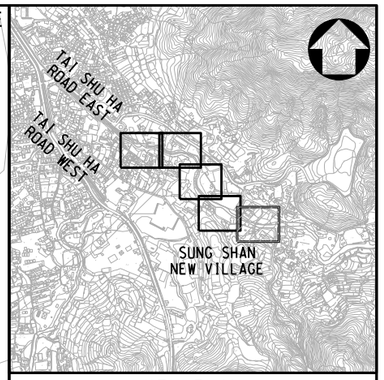
13
DP-4102

5000 TYP.

FR
EJ
T1
T2
T3
T4

0 5 10 m
1 : 200 SCALE BAR

Millimetres 0 10 100



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-4000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002. 5124336TD-C2-GE0-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED 1000mm(D)x1200mm(W) GROUND BEAM, UNLESS NOTED OTHERWISE
- FR PROPOSED DECORATIVE RAILING
- EJ PROPOSED 25mm WIDE EXPANSION JOINT
- IJ PROPOSED 25mm WIDE ISOLATION JOINT
- T1 PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	OCT 2022	TENDER ADDENDUM NO.3	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
SUNG SHAN NEW VILLAGE -
AQUATIC PLANTING LAYOUT
(SHEET 5 OF 5)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

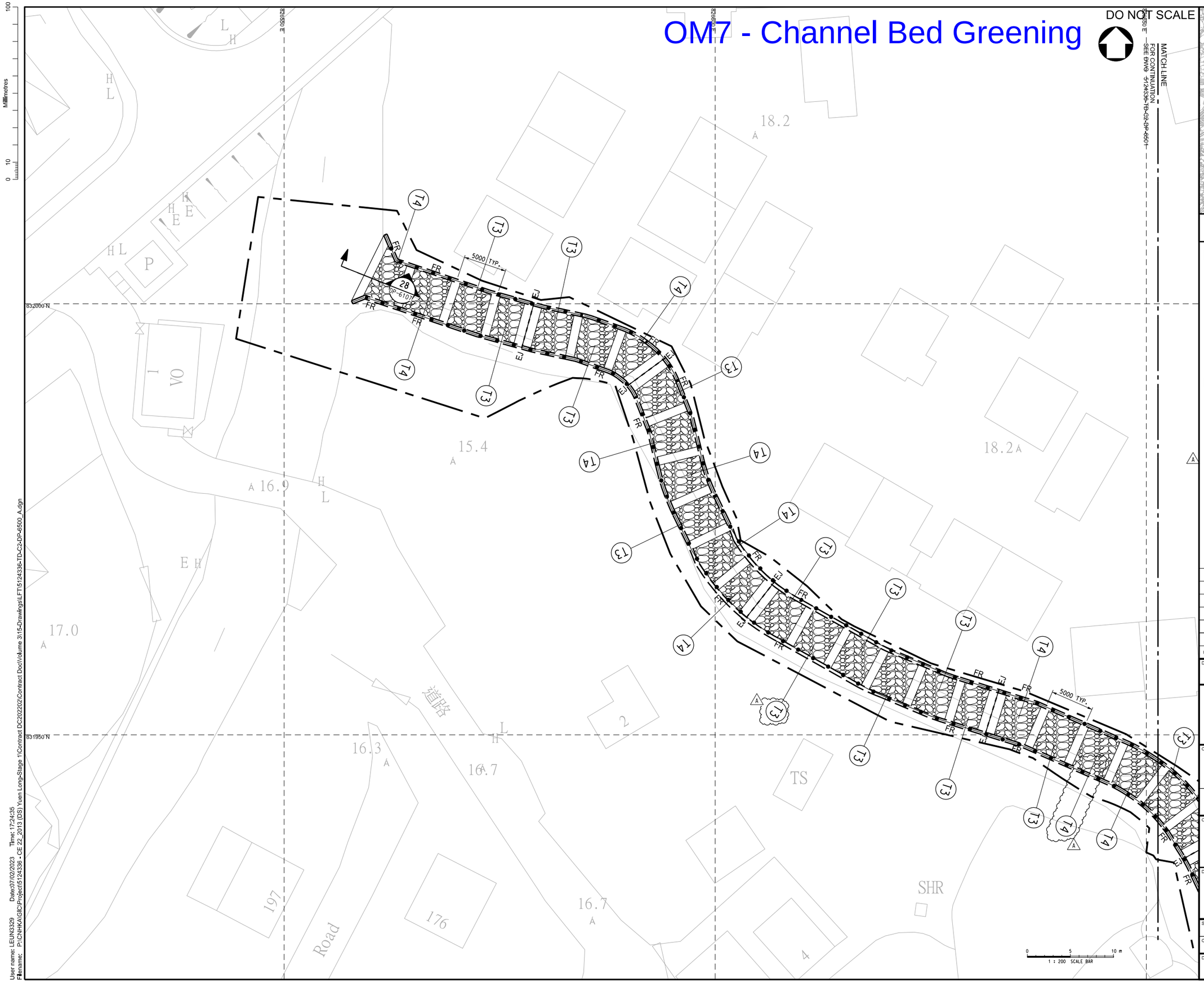
Drawing Number: 5124336-TD-C2-DP-4504
Revision: A

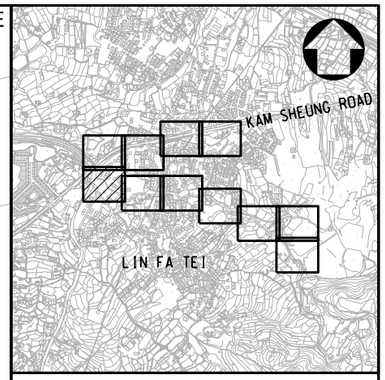
User name: LEUN3329 Date:07/02/2023 Time:17:14:36
Filename: P:\CNHKAIG\CIProject\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\SSNV\5124336-TD-C2-DP-4504_A.dgn

CONTRACT COPY

OM7 - Channel Bed Greening

DO NOT SCALE





KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- IJ — PROPOSED 25mm WIDE ISOLATION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT — Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 1 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

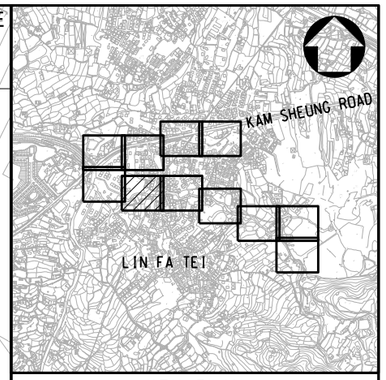
Drawing Number: 5124336-TD-C2-DP-6500 — Revision: A

User name: LEUN3329 Date:07/02/2023 Time:17:24:35
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6500_A.dgn

CONTRACT COPY

OM7 - Channel Bed Greening

DO NOT SCALE



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- FR PROPOSED DECORATIVE RAILING
- A EJ PROPOSED 25mm WIDE EXPANSION JOINT
- T1 PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 2 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-6501

Revision: A

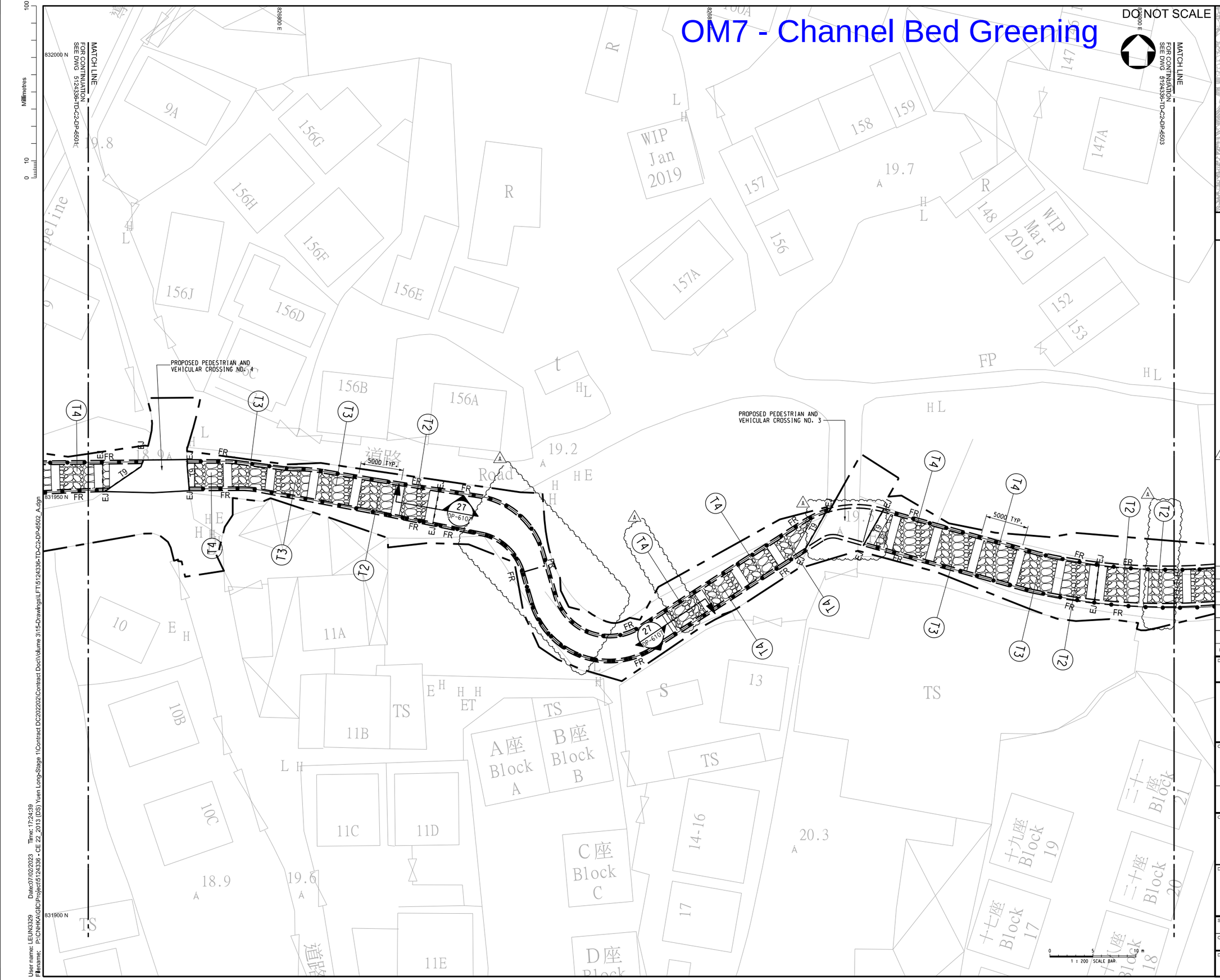
1 : 200 SCALE BAR

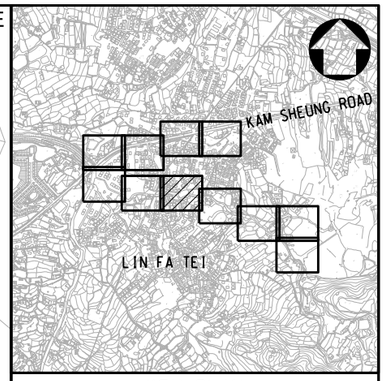
User name: LEUN3329 Date:07/02/2023 Time: 17:24:37
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6501_A.dgn

CONTRACT COPY

OM7 - Channel Bed Greening

DO NOT SCALE





KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GE0-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- PROPOSED DECORATIVE RAILING
- PROPOSED 25mm WIDE EXPANSION JOINT
- (T1) PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

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Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 3 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

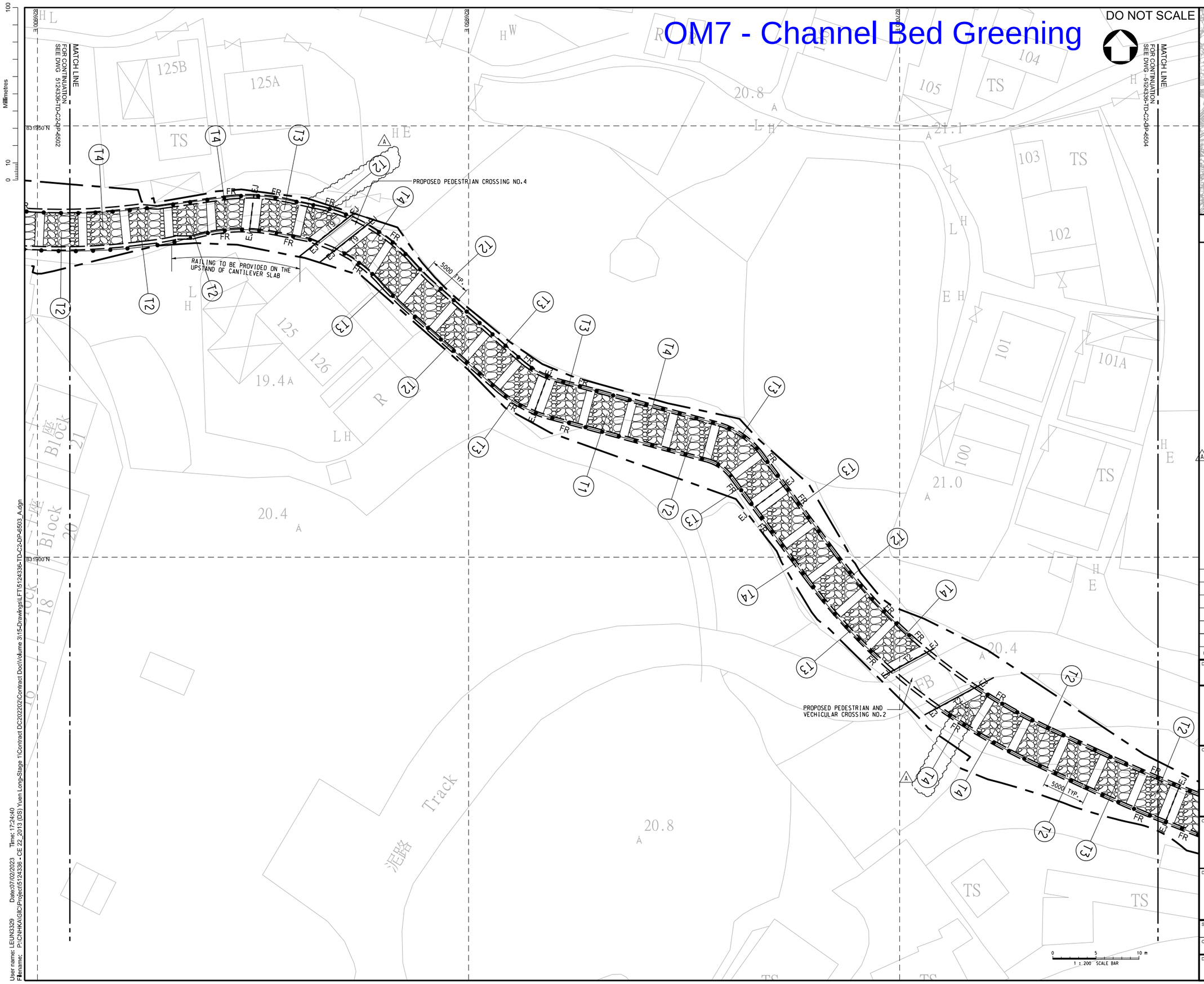
Drawing Number: 5124336-TD-C2-DP-6502
Revision: A

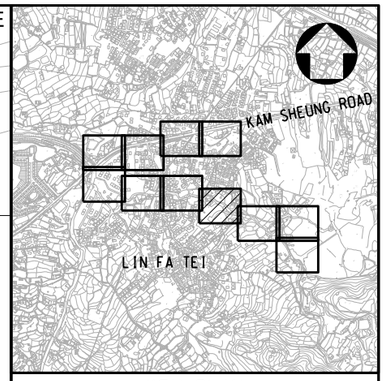
User name: LEUN3329 Date:07/02/2023 Time: 17:24:39
Filename: P:\CNHKAGIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6502_A.dgn

CONTRACT COPY

OM7 - Channel Bed Greening

DO NOT SCALE





KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GE0-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- PROPOSED DECORATIVE RAILING
- PROPOSED 25mm WIDE EXPANSION JOINT
- T1 PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
				SHC	M. 24
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 4 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Orlginal Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

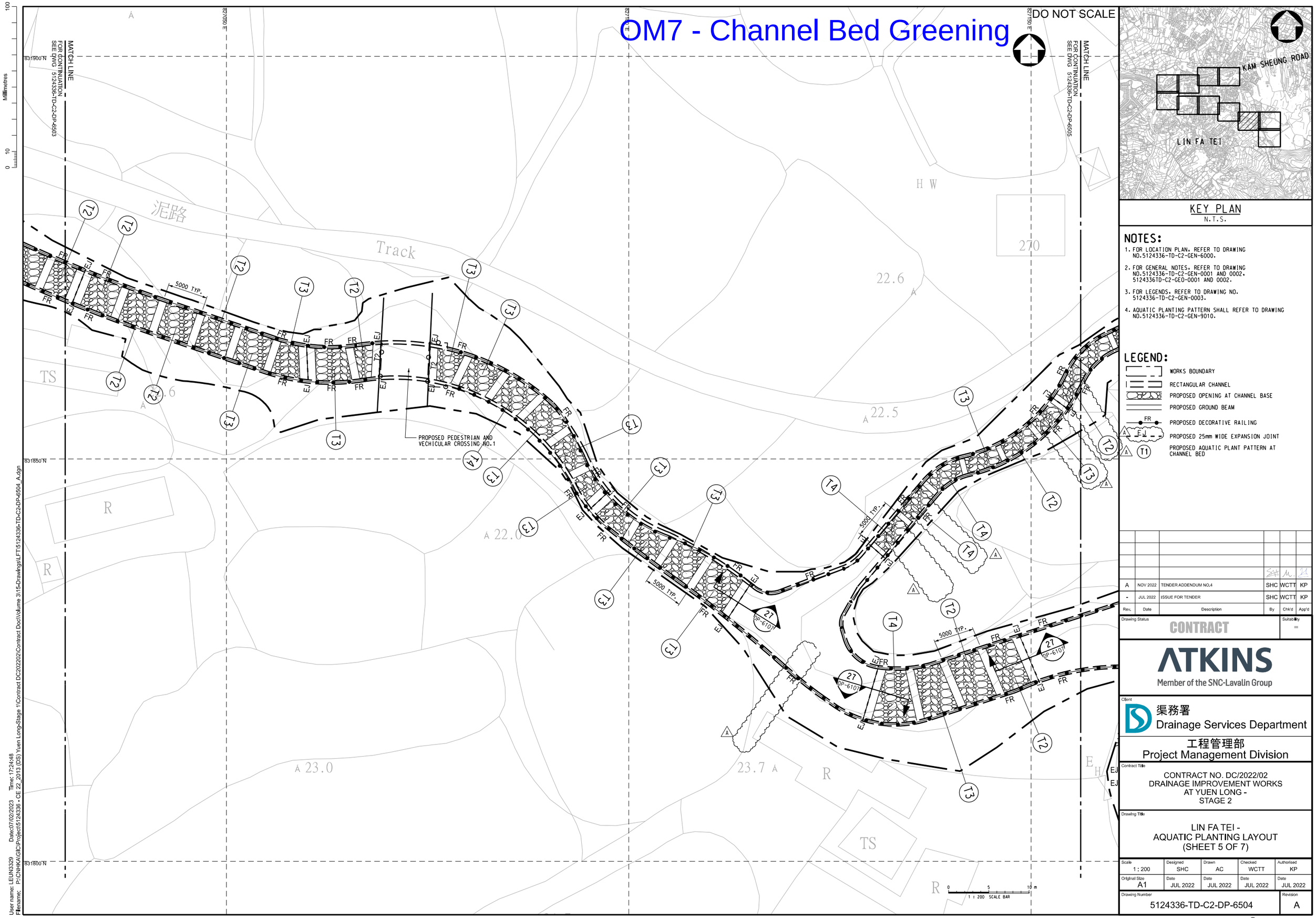
Drawing Number: 5124336-TD-C2-DP-6503
Revision: A

User name: LEUN3329 Date:07/02/2023 Time: 17:24:40
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6503_A.dgn

CONTRACT COPY

DO NOT SCALE

OM7 - Channel Bed Greening



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- PROPOSED DECORATIVE RAILING
- PROPOSED 25mm WIDE EXPANSION JOINT
- PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部
Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 5 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Orignal Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-6504

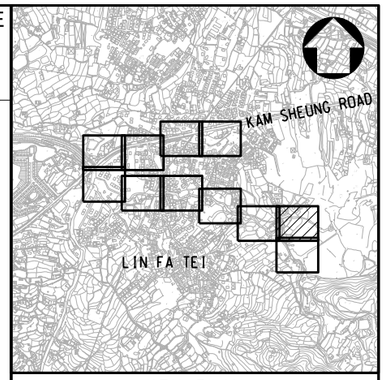
Revision: A

User name: LEUN3329 Date:07/02/2023 Time:17:24:48
Filename: P:\CNHKAGIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6504_A.dgn

CONTRACT COPY

OM7 - Channel Bed Greening

DO NOT SCALE



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002. 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED
- IJ — PROPOSED 25mm WIDE ISOLATION JOINT

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT — Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department

工程管理部
Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 6 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-6505 — Revision: A

1 : 200 SCALE BAR (0, 5, 10 m)

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-6504

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-6506

PROPOSED PEDESTRIAN CROSSING NO.3

PROPOSED PEDESTRIAN CROSSING NO.2

5000 TYP.

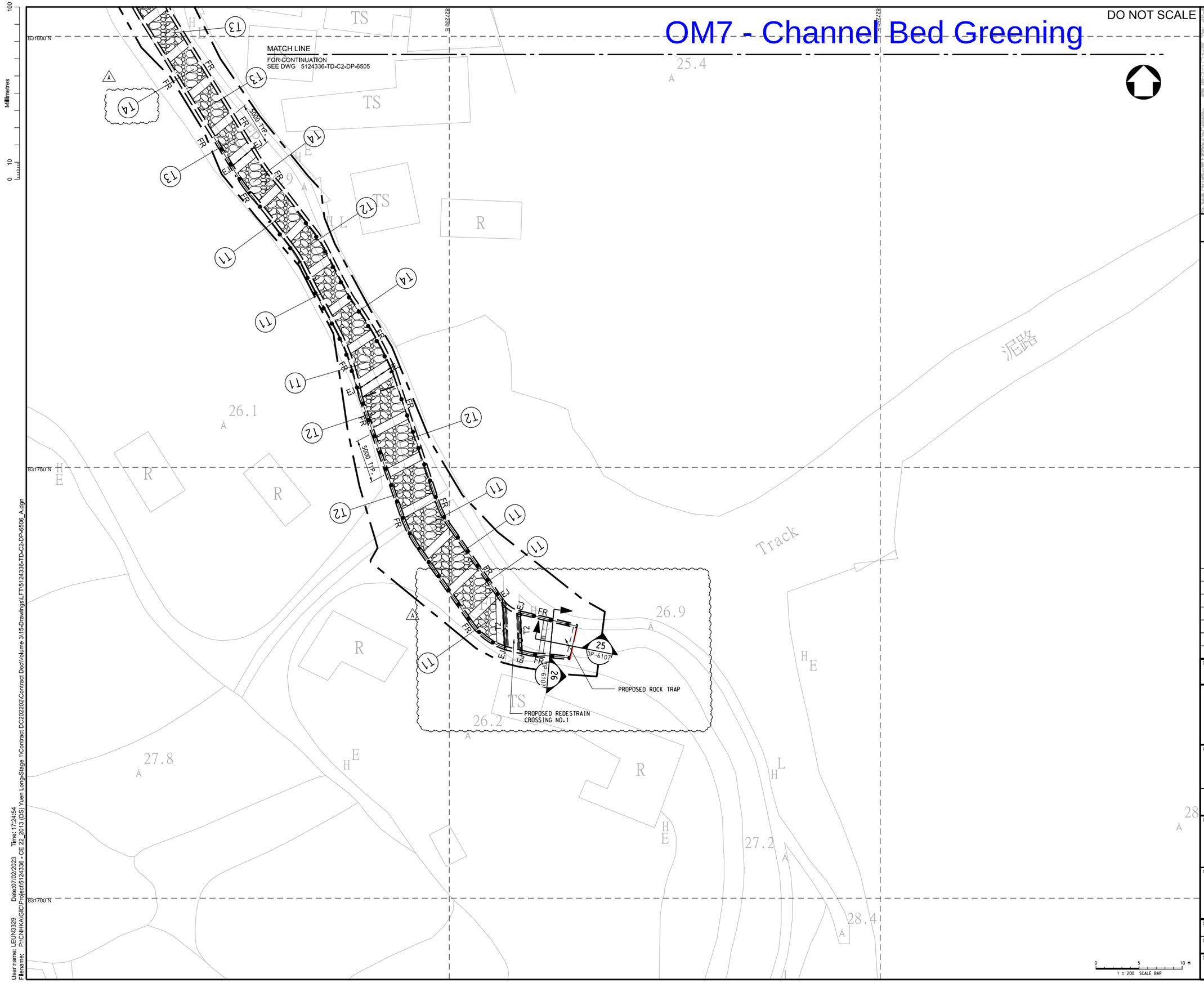
831900 N
831850 N
831800 N
827200 E
827250 E

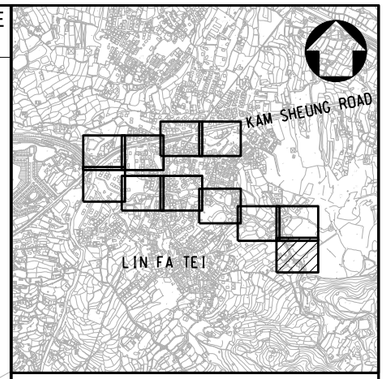
User name: LEUN3329 Date:07/02/2023 Time: 17:24:50
File name: P:\CNHKAGIC\Projects\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC/2022\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6505_A.dgn

CONTRACT COPY

DO NOT SCALE

OM7 - Channel Bed Greening





KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-6000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO.5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
LIN FA TEI -
AQUATIC PLANTING LAYOUT
(SHEET 7 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-6506

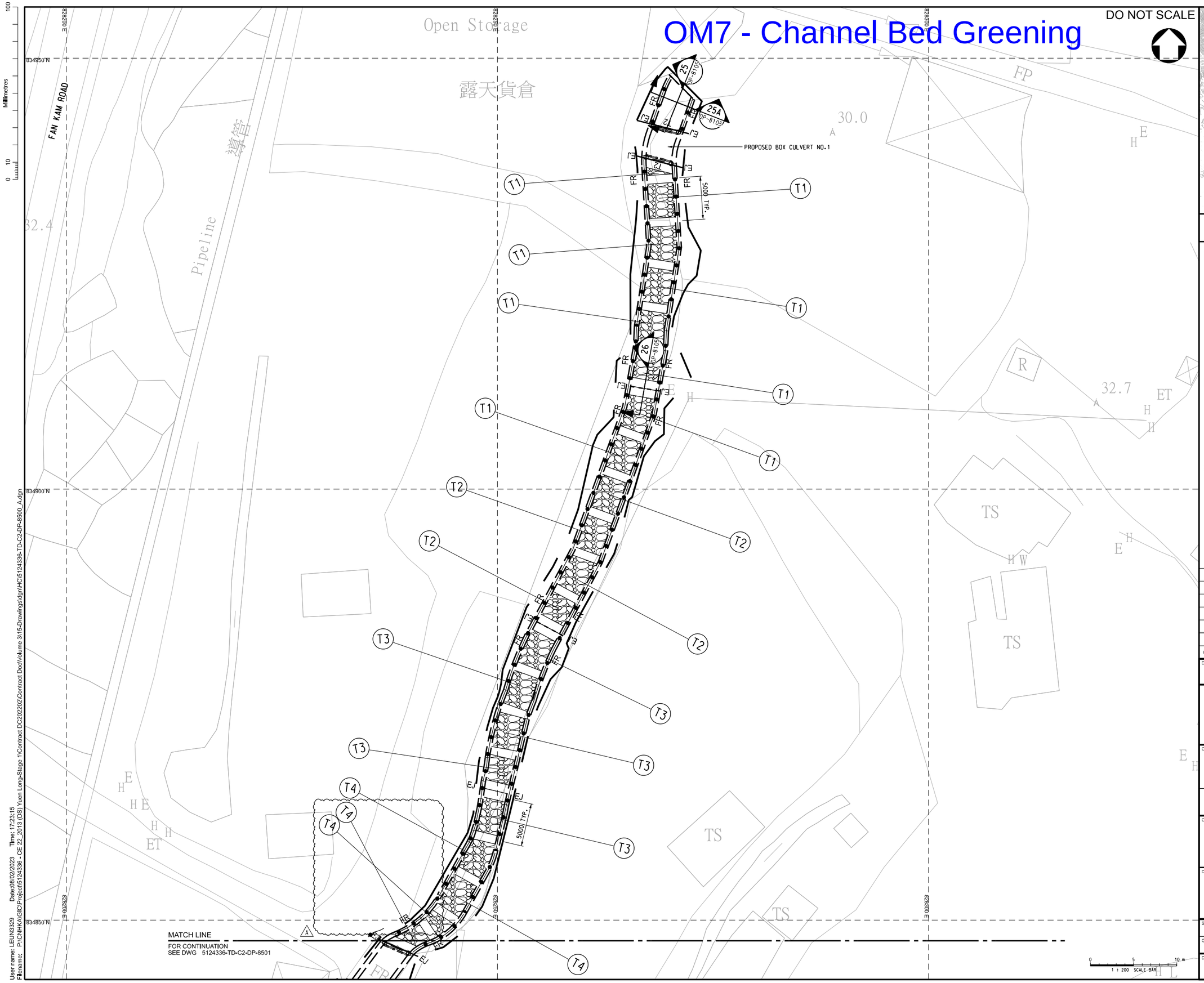
Revision: A

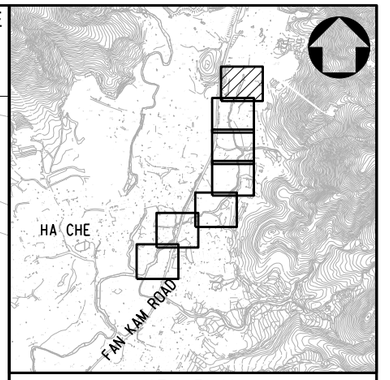
0 5 10 m
1 : 200 SCALE BAR

User name: LEUN3329 Date:07/02/2023 Time:17:24:54
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\LFT\5124336-TD-C2-DP-6506_A.dgn

OM7 - Channel Bed Greening

DO NOT SCALE





KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-8000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GE0-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR — PROPOSED DECORATIVE RAILING
- EJ (A) — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 1 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size: A1	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022	Date: JUL 2022

Drawing Number: 5124336-TD-C2-DP-8500
Revision: A

User name: LEUN3329 Date:08/02/2023 Time: 17:23:15
Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long Stage 1\Contract DC/2022/02\Contract Doc\Volume 3\15-Drawings\dgn\HC\5124336-TD-C2-DP-8500_A.dgn

DO NOT SCALE

OM7 - Channel Bed Greening

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8500

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8502

834850 N
834800 N
834750 N
822600 E
822650 E

PROPOSED BOX CULVERT NO.2
PROPOSED BOX CULVERT NO.3

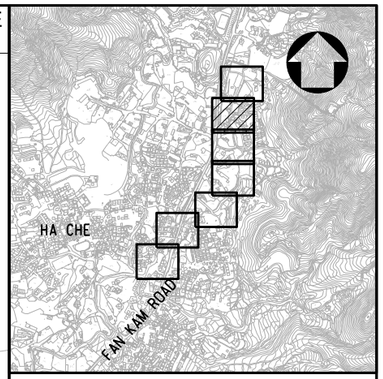
5000 TYP.

露天貨倉
Open Storage

FAN KAM ROAD

House 12
House 11
House 10
House 9
House 8

29.2 A
28.8 A
28.3 A
27.3 A
28.6 A
27.6 A
27.7 A



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-8000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002, 5124336TD-C2-GEO-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR — PROPOSED DECORATIVE RAILING
- EJ (A) — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 2 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-8501
Revision: A

0 5 10 m
1 : 200 SCALE BAR

User name: LEUN3329 Date:08/02/2023 Time:17:23:19
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OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8501

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8503

834750 N
834700 N
834650 N
822600 E
822650 E
822700 E

EXISTING INVERT LEVEL +24.7mPD

EXISTING CHANNEL

EXISTING INVERT LEVEL +24.56mPD

PROPOSED 2X3000 PIPE (Invert level +24.46mPD) WITH FLAP VALVE TO BE CONNECTED TO PROPOSED CHANNEL

EXACT LOCATION OF INTERFACING TO BE AGREED WITH SUPERVISOR

EXISTING CHANNEL TO BE RETAINED

EXISTING WALL AND BASE TO BE CUT CAREFULLY. EXACT LOCATION INTERFACE TO BE AGREED WITH THE SUPERVISOR

5000 TYP.

T1 T2 T3 T4

27 (DP-8105) 28 (DP-8106) 29 (DP-8105)

House 7 House 6 House 3 House 5 House 2 House 1

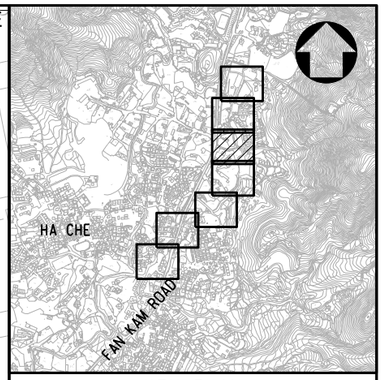
The Arbutus 光蕾

Road 道路

FAN KAM ROAD 益蘭居

HA CHE

TS 101 103 104



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-8000.
2. FOR GENERAL NOTES, REFER TO DRAWING NO.5124336-TD-C2-GEN-0001 AND 0002. 5124336TD-C2-GE0-0001 AND 0002.
3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR PROPOSED DECORATIVE RAILING
- FJ (A) PROPOSED 25mm WIDE EXPANSION JOINT
- T1 PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 3 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-8502
Revision: A

1 : 200 SCALE BAR

User name: LEUN3329 Date:08/02/2023 Time:17:23:22
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OM7 - Channel Bed Greening

834650 N

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8502

822600 E

822250 E

DO NOT SCALE

T1 T2 T3 T4

FR

5000 TYP.

24.9 24.7 24.5 24.6 29.3 30.6

TS

105 106 301

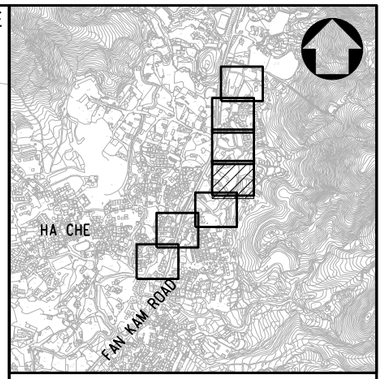
露天貨倉
Open Storage

834600 N

834550 N

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8504

0 5 10 m
1 : 250 SCALE BAR



KEY PLAN
N.T.S.

NOTES:

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LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR — PROPOSED DECORATIVE RAILING
- EJ (A) — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 4 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-8503
Revision: A

User name: LEUN3329 Date:08/02/2023 Time:17:23:26
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OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8503

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8505

826150E

826200E

834500N

834450N

PROPOSED BOX CULVERT NO.4

5000 TYP.

露天貨倉
Open Storage

泥路

Track

TS

FB

FP

ET

E H

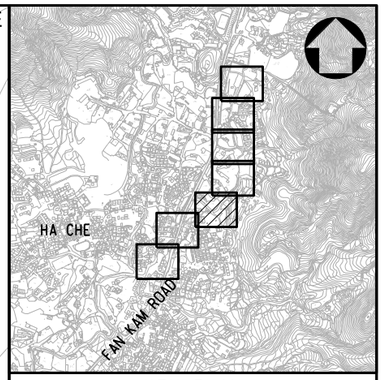
302

301

35B

169

T1 T2 T3 T4 FR EJ



KEY PLAN
N.T.S.

NOTES:

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3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR — PROPOSED DECORATIVE RAILING
- EJ (A) — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT

Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department
工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 5 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-8504

Revision: A

0 5 10 m
1 : 200 SCALE BAR

Millimetres 0 10 100

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Filename: P:\CNHKA\GIC\Project\5124336 - CE 22_2013 (DS) Yuen Long-Stage 1\Contract DC2022\02\Contract Doc\Volume 3\15-Drawings\dgn\HC\5124336-TD-C2-DP-8504_A.dgn

OM7 - Channel Bed Greening

DO NOT SCALE

EXISTING INVERT LEVEL +20.56mPD

PROPOSED BOX CULVERT NO.5

PROPOSED INVERT LEVEL +20.56mPD

EXISTING INVERT LEVEL +20.60mPD

PROPOSED INVERT LEVEL +20.60mPD

PROPOSED INVERT LEVEL +20.63mPD

EXISTING CHANNEL TO BE RETAINED

EXISTING INVERT LEVEL +20.01mPD

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8506

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8504

FAN KAM ROAD

Road

5000 TYP.

T1 T3 T4 FR EJ

DP-8106 30 31 32 33 34

828200E 828500E 828700E

834450N 834400N

HA CHE

FAN KAM ROAD

KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-8000.
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LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR PROPOSED DECORATIVE RAILING
- EJ (A) PROPOSED 25mm WIDE EXPANSION JOINT
- T1 PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client: 渠務署 Drainage Services Department
工程管理部 Project Management Division

Contract Title:
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title:
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 6 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Original Size	Date	Date	Date	Date
A1	JUL 2022	JUL 2022	JUL 2022	JUL 2022

Drawing Number: 5124336-TD-C2-DP-8505
Revision: A

1 : 200 SCALE BAR

User name: LEUN3329 Date:08/02/2023 Time: 17:23:33
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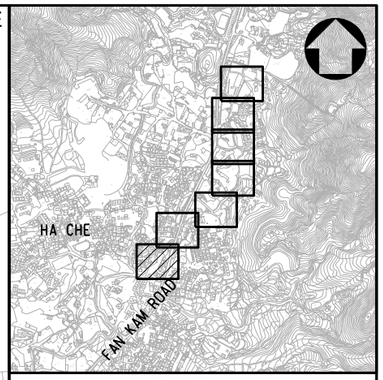
OM7 - Channel Bed Greening

DO NOT SCALE

MATCH LINE
FOR CONTINUATION
SEE DWG 5124336-TD-C2-DP-8505

834350 N
834300 N
822750 E
822800 E
822850 E



KEY PLAN
N.T.S.

NOTES:

1. FOR LOCATION PLAN, REFER TO DRAWING NO.5124336-TD-C2-GEN-8000.
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3. FOR LEGENDS, REFER TO DRAWING NO. 5124336-TD-C2-GEN-0003.
4. AQUATIC PLANTING PATTERN SHALL REFER TO DRAWING NO. 5124336-TD-C2-GEN-9010.

LEGEND:

- WORKS BOUNDARY
- RECTANGULAR CHANNEL
- PROPOSED OPENING AT CHANNEL BASE
- PROPOSED GROUND BEAM (A)
- FR — PROPOSED DECORATIVE RAILING
- EJ — PROPOSED 25mm WIDE EXPANSION JOINT
- T1 — PROPOSED AQUATIC PLANT PATTERN AT CHANNEL BED

Rev.	Date	Description	By	Chk'd	App'd
A	NOV 2022	TENDER ADDENDUM NO.4	SHC	WCTT	KP
-	JUL 2022	ISSUE FOR TENDER	SHC	WCTT	KP

Drawing Status: CONTRACT
Suitability: -

ATKINS
Member of the SNC-Lavalin Group

Client
渠務署
Drainage Services Department

工程管理部
Project Management Division

Contract Title
CONTRACT NO. DC/2022/02
DRAINAGE IMPROVEMENT WORKS
AT YUEN LONG -
STAGE 2

Drawing Title
HA CHE -
AQUATIC PLANTING LAYOUT
(SHEET 7 OF 7)

Scale	Designed	Drawn	Checked	Authorised
1 : 200	SHC	AC	WCTT	KP
Orignal Size	Date	Date	Date	Date
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Drawing Number: 5124336-TD-C2-DP-8506
Revision: A

1 : 200 SCALE BAR

User name: LEUN3329 Date:08/02/2023 Time: 17:23:37
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Appendix G – Implementation Programme, Maintenance and Management Schedule

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Construction Phase - Construction site control						
S9.12.1.1	S.9.2	CM01 - Tree Protection and Preservation Trees / woodland within the Project Site which are unaffected by the works shall be protected and preserved during the construction phase. The tree preservation proposals shall be coordinated with the layout and design of the engineering and architectural works at detailed design stage for further retention of individual trees A total 54 nos. trees will be retained and protected carefully according to DEVB TC(W) No. 4/2020 - Tree Preservation. Location of retain trees is showed in Appendix C.	EIAO-TM, DEVB TCW No. 4/2020 – Tree Preservation and latest Guidelines on Tree Preservation during construction period issued by GLTM Section of DEVB	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM02 – Offsite Compensatory Tree Planting If removal of trees unavoidable due to construction impacts, trees will be compensated where technically feasible. A total of 235 nos. compensatory tree are proposed to be planted along the sides of the existing/proposed water course. No offsite compensatory tree planting is needed. The proposed compensatory planting is shown in Appendix D.	EIAO-TM; *DEVB TCW No. 4/2020 – Tree Preservation* and GEO Publication No. 1/2011	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM03 - Works Area and Temporary Works Areas (Good Site Practice) The construction sequence and construction programme shall be optimized in order to minimize the duration of impact. Construction site controls shall be enforced including the storage of materials, and the location and appearance of site accommodation and site storage. The site office or temporary above-ground structures shall be sited in locations which are not visually prominent. Construction and demolition waste will be removed as soon as possible to avoid stockpiling onsite, whereas the excavated natural bedding materials will be properly stored with covering for reuse in the Project. Construction materials and equipment will be properly stored after use.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM04 - Advance Implementation of Mitigation Planting Replanting of existing / disturbed vegetation shall be undertaken as soon as technically feasible. Temporary loss of trees and vegetation will be compensated upon the completion of the construction activities. 235 nos. compensatory tree, as well as shrubs, and groundcover will be replanted along the sides of the existing/proposed water course, native species will be adopted in the vegetation compensation. Location and planting schedule of mitigation plantation are shown in Appendix D.	EIAO-TM; DEVB TCW No. 4/2020 – *Tree Preservation* and GEO Publication No. 1/2011	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Construction Phase - Construction site control						
S9.12.1.1	S.9.2	CM05 - Coordination with Concurrent Projects Coordinated implementation programme with concurrent projects to minimise impacts and where possible reduce the period of disturbance. Construction works have been planned and programmed to minimise impacts and reduce the period of disturbance. For example, the project is scheduled to avoid concurrent construction works with HAD's project which involves the construction of a bridge near the Village Office of Shui Tsan Tin Tsuen, downstream of Lin Fa Tei, such that the extent of construction impact is minimised. Besides, site works and material delivery are well-coordinated and planned to enhance works efficiency to avoid programme delays such that period of disturbance can be reduced.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM06 - Decorative Screen Hoarding Decorative screen hoarding will be erected along areas of the construction works site boundary where the works site borders publicly accessible routes and/or is close to visually sensitive receivers (VSRs) to screen undesirable views of the works site. It is proposed that the screening be compatible with the surrounding environment and where possible, non-reflective, recessive colours be used. Decorated screen hoardings shall be provided for the site offices area and site hoarding designs and location are shown in Appendix E.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM07 – Light Control Construction and night time lighting glare will be controlled to minimize glare impact to adjacent VSRs during the construction stage. This is considered a general measure for good practice. Lighting fixture with anti-glare design will be used at site office for security purpose, refer to Appendix E for the lighting specification. No lighting will be provided at night-time at the construction sites.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM08 – Topsoil reuse Excavated topsoil should be conserved for re-use by the Project or other projects. This is considered a general measure for good site practice.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor
S9.12.1.1	S.9.2	CM09 - Channel Bed Translocation Excavated natural stream bedding should be conserved for re-use by the Project. This is considered a general measure for promoting sustainability and ecological continuity. Natural rocks, gravel, stone, sand and soil from the excavation natural bedding materials will be conserved and reused in formation of channel bed, refer to OM07 for further details.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026	Contractor	Contractor

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Operational Phase - Design and Construction of the Works, including Hard work and Soft work						
S.12.1.2	S.9.2	OM01- Detailed Design Considerations Detailed design of development components should reduce landscape footprint and visibility of structures. The area allowed for necessary structures should be reduced to a practical minimum. The alignment of the channel has been designed with minimal landscape and visual impact. For example, rectangular channel design, which has lesser footprint than trapezoidal channel design is considered in the drainage improvement works. The alignment of the channel has enabled the preservation of 54 nos. existing trees, which demonstrate the considerations of minimal landscape impact in the design. Also, the excavated natural bedding material will be re-used to pave the channel to maintain its natural conditions. Design details are shown in Appendix F.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents
S.12.1.2	S.9.2	OM02 - Aesthetically Pleasing Design The form, textures, finishes and colours of the proposed development components should be compatible with the existing surroundings. Light earthy tone colours such as shades of green, shades of grey, shades of brown and off- white may be utilised where technically feasible to reduce the visibility of the development components, including all roadwork, buildings and noise barriers etc. To further improve visual amenity, natural building materials such as stone and timber, should be preferably adopted for architectural features, where technically feasible. Retaining walls will be finished with a layer of stone facing finishing which is made of maximum 75mm thick in-situ concrete to create a rough texture mimicking natural stones, this design helps to harmoniously connect the structure with nature and allow climbers planting, design details are shown in Appendix F.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents
S.12.1.2	S.9.2	OM03 – Responsive Design of Channel alignments The proposed use of a responsive design for the disposition of the main elements of the proposed drainage scheme including the routing of the channel to enable the preservation of significant landscape elements, such as large trees and the development of aesthetic treatments in response to the urban context within which the projects are to be implemented. The disposition and height profile of the developments and above ground utilities structures to respond to the existing context particularly the existing landform and preserved trees. Proposals designed to minimise the single use of space for functional and utility purposes and promote integrated design solutions. Create a subtle transition at the edges of the sites to enhance the sense of visual integration with the existing context and avoid abrupt transitions between the existing and proposed built environment. The design of the channel improvement has considered minimizing the impact on existing trees, 54 nos. existing trees including trees of large size can be preserved. Furthermore, standard size trees are proposed for tree compensation along the sides of the channel. These provide pleasing landscape along the channels.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Operational Phase - Design and Construction of the Works, including Hard work and Soft work						
S.12.1.2	S.9.2	OM04 – Design of Engineering Structures The design of the proposed Engineering Structures such as the proposed retaining culverts and footbridges should pay particular attention to the appearance and construction methods. The detailed design landscape consultants shall work in unison with the engineers on the aesthetic aspects of the structures and their relationship with the landscape. Planting would be used wherever possible to minimise the apparent height of structures and to soften their appearance in medium and long distance views. The design of engineering structures shall avoid any unnecessary visual clutter; this would be achieved through the co-ordination of the various engineering disciplines involved to arrive at integrated design solutions. The reinstatement of improved urban features such as footpaths and bridges associated with the drainage proposals has considered integrating of these engineering structures into the existing landscape to help mitigate any slight losses in physical area due to channel realignment and enlargement within the urban area.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents
S.12.1.2	S.9.2	OM05 – Design of Retaining Walls and Channel Embankments The proposed treatment of Retaining Wall and Slopes will be undertaken in accordance with GEO Publication No. 1/2000 "Technical Guidelines on Landscape Treatment and Bio-engineering for Man-made Slopes and Retaining Walls" as well as DSD Practice Note No. 1/2015 Guidelines on Environmental and Ecological Considerations for River Channel Design. These engineering structures will be aesthetically enhanced through the use of soft landscape works including tree and shrub planting to give man-made slopes a more natural appearance blending into the local rural landscape. Whip sized tree planting is preferred on the face of soil cut slopes. The smaller, younger plant stock will adapt to their new growing conditions more quickly than larger sized stock and establish a naturalistic effect more rapidly. Larger sized tree stock shall be missed with whip sized trees to create a more diverse woodland structure enhance the screening effect from day one. Hydroseeding will be applied on slope has a gradient more than 30 degree. Retaining walls and vertical-wall embankments shall be finished with a layer of stone facing finishing which is made of in-situ concrete as shown in Appendix F. Different types of shrubs mix planting are proposed along suitable locations of the channel embankments as shown in Appendix D.	EIAO-TM; GEO Publication No. 1/2011; DSD Practice Note No. 3/2021 (formerly No. 1/2015) Guidelines on Environmental and Ecological Considerations for River Channel Design	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Operational Phase - Design and Construction of the Works, including Hard work and Soft work						
S.12.1.2	S.9.2	OM06 – Compensatory Planting Proposals at Channel edges All compensatory planting of trees is to be carried out in accordance with ETWB TCW No. 10/2013. A total woodland compensation area of 5.54 ha is proposed. The planting proposals will utilise native species. Some compensatory shrub and ground cover planting will also be provided within the channel edge area to create more structurally diverse woodland and a layered vegetated edge to the watercourse. 235 nos. compensatory tree planting are proposed, all proposed tree plantings are standard size trees. They all have 2m crown spread and are at minimal 3m spacing as shown in the Appendix D. The trees will be planted in random pattern along the sides of the existing/proposed water course to resemble the village setting and enhance the existing eco-system along the existing water course. All proposed compensatory trees are native trees species of Hong Kong and are commonly found either in the vicinity of surveyed area or in village areas. Moreover, the river channels edges, channel bed riparian area, channel slope embankment shall be planted with naturalistic shady shrub mix and ornamental shady shrub mix, which are in the combination of various native species of shrubs and groundcovers to give channel structure a more natural appearance blending into the local rural landscape. The location and planting schedule of the naturalistic shady shrub mix and ornamental shady shrub mix are shown in Appendix D.	EIAO-TM; ETWB TCW No. 10/2013 Tree Preservation	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents/ DLO/ LCSD
S.12.1.2	S.9.2	OM07 – Channel bed and embankment toe greening Develop practical greening and ecological enhancements in accordance with DSD Practice Note No. 1/2015 Guidelines on Environmental and Ecological Considerations for River Channel Design. Excavated natural bedding materials will be reused for the formation of channel bed, various types of aquatic plant will be planted on the channel bed in 4 planting patterns. The planting schedule and general arrangement of the planting patterns are showed in Appendix F.	EIAO-TM; DSD Practice Note No. 1/2015 Guidelines on Environmental and Ecological Considerations for River Channel Design.	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents

Appendix G Landscape & Visual Impact – Implementation Schedule of Landscaspe and Visual Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Environmental Performance / Reference	Location/ Timing of implementation of Measures	Implementation agent	Maintenance and Management agent
Operational Phase - Design and Construction of the Works, including Hard work and Soft work						
S.12.1.2	S.9.2	OM08 – Vertical and trailing Greening Vertical planting should be established to soften the hard, vertical surfaces of the proposed development components. These components will include walls of the proposed culvert sand retaining walls. Planting to utilise climbing and trailing plants. Location and extent of vertical greening subject to detailed design. Apart from the compensatory tree planting along the proposed channel, groundcover and shrub planting are proposed to beautify the proposed works and help the channel to blend into the surrounding environment. Planting schedule of the shrub mix and groundcover mix and planting arrangement in different landscape area settings are showed in Appendix D. Climbing plants species Ficus pumila are used to provide vertical greening at the channel wall. Greening designs of channel and planting schedule are showed in Appendix F.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents
S.12.1.2	S.9.2	OM09 – Green Paving Where technically feasible utilise a green paving approach such as grass-crete or grass-grid to maximise the area of planting and reduce the area of hard paving. The pedestrian/vehicular crossing and footpath area will be reinstated with hard surfacing to provide adequate access for local commuting use, with a portion of the area subject to less traffic loading to be green paved in form of hydroseeding in lieu of grass-crete/ grass-grid. Location of green paving is shown in Appendix D. All available spaces for permanent planting have been maximized.	EIAO-TM	Work Sites / Q1 2024 - Q3 2026 Operation phase	Design Consultant / Contractor	DSD /its management and maintenance agents