

其士-中鐵建設聯營
Chevalier - China Railway Joint Venture

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TEL: (852) 2318 1818 FAX: (852) 2796 0987 WEBSITE: www.chevalier.com

SSM518-A1-OUT-1375

May 18, 2024

The EIA Ordinance Register Office
Environmental Protection Department
27th floor, Southorn Centre,
130 Hennessy Road,
Wanchai, Hong Kong

By Post & E-mail

Dear Sir / Madam,

Contract No. SS M518

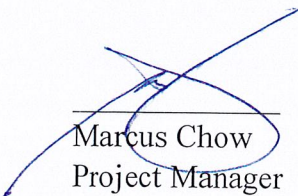
Design & Construction of Light Public Housing at Yau Pok Road, Yuen Long, at Tuen Mun Area 3A, and Choi Hing Road, Ngau Tau Kok

Re: Submission of Revised Compensatory Tree Planting Implementation Plan under EP Condition 2.11 (Environmental Permit No.: EP-629/2023)

According to EP Condition 2.11, we would like to submit herewith the revised Compensatory Tree Planting Implementation Plan for your information and record.

Thank you for your kind attention.

Yours faithfully
Chevalier – China Railway Joint Venture


Marcus Chow
Project Manager
MC/CC/ML/ml

Encl.

c.c.	RLP	Director	Mr. Alfred Woo	}w/e
	CMW	Director	Mr. Ben Leung	}w/e
	AECOM	Project Director	Mr. Wilson Chan	}w/e
	SCENIC	Director	Mr. Chris Foot	}w/e
	Egis	Managing Director	Mr. James Xiong	}w/e
	Arcadis	Director	Ms. Cynthia Szeto	}w/e
	ASD	SA/34	Ms. LAM Yue-wai, Mandy	}w/e
	Site Office			}email only

17 May 2024

By Email

Chevalier – China Railway Joint Venture
22/F., Chevalier Commercial Centre,
8 Wang Hoi Road,
Kowloon Bay, Hong Kong
Attention: Mr. John Chow

**Contract No. SS M518 –
Design and Construction of Light Public Housing at Yau Pok Road, Yuen
Long, at Tuen Mun Area 3A and at Choi Hing Road, Ngau Tau Kok**

**Light Public Housing at Yau Pok Road, Yuen Long
Environmental Permit (EP) EP-629/2023
Submission of Compensatory Tree Planting Implementation Plan**

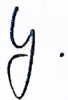
Dear Sir,

Reference is made to the submission of the captioned Compensatory Tree Planting Implementation Plan, which is provided to us via e-mail on 17 May 2024.

Please be informed that we have no adverse comments on the captioned submission. We hereby certify the captioned submission according to Condition 2.11 of the Environmental Permit No. EP-629/2023.

Thank you very much for your attention and please feel free to contact the undersigned should you have any queries.

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



Y H Hui
ET Leader for the Project

Q:\Projects\CHEM518-ED00\02 Project Management\02 Corr\CHEM518-ED00_0_0055E.24.docx



BY EMAIL

Our Ref: BATF55902_2024_12

17/05/2024

Ms. LAM Yue Wai, Mandy
Architectural Services Department
Architectural Branch
Division 3

Unit 1204, 12/F,
14 Taikoo Wan Road, Taikoo Shing,
Hong Kong

Dear Madam,

Light Public Housing at Yau Pok Road, Yuen Long
Independent Environmental Checker Consultancy Services
Submission of Compensatory Tree Planting Implementation Plan

We refer to the submission of the captioned Compensatory Tree Planting Implementation Plan by Earthasia Limited provided to us via email on 17 May 2024 under Condition 2.11 of the Environmental Permit No. EP-629/2023. This submission was certified by Environmental Team Leader on 17 May 2024 (Ref.: CHEM518-ED00_0_0055E.24).

Please note that we have no adverse comments on the captioned submission. Therefore, this Compensatory Tree Planting Implementation Plan is hereby verified in accordance with the requirement stipulated in Condition 2.11 of EP-629/2023.

Should you have any query, please feel free to contract the undersigned at 2186 7995 (chun-kwok.chan@egis-group.com).

Yours faithfully,

A handwritten signature in blue ink, consisting of several overlapping, sweeping lines that form the name 'Chan Chun Kwok'.

CHAN Chun Kwok
Independent Environmental Checker

cc.

ET Leader – Ramboll (Attn: Mr. Y H Hui) [By email: yhhui@ramboll.com]

Project Management Consultant – RLP (Attn: Mr. Alfred Woo) [By email: alfredwoo@rlp.asia]

PROPOSED LIGHT PUBLIC HOUSING AT
YAU POK ROAD, YUEN LONG

COMPENSATORY TREE PLANTING
IMPLEMENTATION PLAN

1ST SUBMISSION
(Rev. A)

MAY 2024

PREPARED BY:
EARTHASIA LTD.
11/F, COFCO Tower,
262 Gloucester Road,
Causeway Bay,
Hong Kong

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SECTION 1
BACKGROUND INFORMATION

1.1 Introduction

This submission on the compensatory tree planting implementation plan is prepared for addressing the specific condition 2.11 under the environmental permit (EP) (no. EP-629/2023). The EP was applied for the temporary use of the site and the development of a Light Public Housing (LPH) for 5 years operational period.

1.2 Environmental Permit and the Specific Condition

The environmental permit (EP) (no. EP-629/2023) was approved by Environmental Protection Department (EPD) under the letter dated on 16 Jun 2023 (Ref: () in EP/2/N6/P/230). The specific condition 2.11 requires the submission of “Compensatory Tree Planting Implementation Plan” (i.e. This Submission) and the responses to the requirements are detailed in the table below.

Specific Condition 2.11	Reponses
The Permit Holder shall, no later than one month before the commencement of the construction of the Project, deposit with the Director 3 hard copies and 1 electronic copy of Compensatory Tree Planting Implementation Plan.	Noted. The required 3 hard copies and 1 electronic copy was provided under the letter on 17 May 2024.
The Compensatory Tree Planting Implementation Plan shall include details of the planting objectives, planting numbers and locations, list of tree species to be used (with priority given to native tree species) and implementation schedule.	The planting objectives, planting numbers and locations, list of tree species (with priority given to native tree species) and implementation schedule refer to Section 1.3, 2.1 and 2.3 of this submission report.
The implementation schedule shall be in table form to clearly list out the implementation party, location and timing for the compensatory tree planting.	The required implementation schedule in a table form refer to Section 2.3 of this submission report.
Priority shall be given to planting of compensatory trees along the NTMDC with an aim to providing better screen effects to the NTMDC.	There were new tree plantings provided on the available planting area along Yau Pok Road adjoining to NTMDC. The row of new tree planting served as a screen to NTMDC (Refer to Section 2.1). Besides, the existing trees along both sides of the NTMDC were already well established and providing a success screen effect (Refer to Section 2.2).
The Compensatory Tree Planting Implementation Plan shall be certified by the ET Leader and verified by the IEC before submission to the Director.	Noted.
The measures recommended in the Compensatory Tree Planting Implementation Plan shall be fully implemented	Noted.

1.3 Tree Preservation and Removal Proposal

The tree preservation and removal proposal (TPRP) was approved by the Tree Works Vetting Panel (TWVP) of Architectural Services Department (ArchSD) on 2 Jun 2023 with a minute record of the 37th Meeting of the Tree Works Vetting Panel (1).

There are 206 existing trees within site were identified. 112 existing trees within site would be affected by the proposed development and were proposed to be removed in the approved submission. To compensate the loss of 112 existing trees, 112 compensatory trees were proposed in an off-site location at Town Park in Area 68, Tseung Kwan O. Compensatory ratio of 1:1 was achieved.

The compensatory planting location refer attached compensatory tree planting plan (Dwg. no. PP-01) in **Appendix A**.

After the site possession, 42 retained trees with considered the arboricultural recommendations (i.e. Poor health, form or structure) were removed on site and 1 retained trees found missing. A total of 43 nos. of trees were proposed as compensatory planting with the original species. The compensatory planting was proposed to be planted in the close locations of tree loss to reinstate and enhance the environment. 51 nos. of existing trees would be preserved.

The compensatory planting locations refer to attached compensatory tree planting plan (Dwg. no. TCA-01, TCA-02) in **Appendix A**.

SECTION 2 IMPLEMENTATION PLAN

2.1 New Tree Planting

2.1.1 Objectives

There are additional new tree plantings proposed to allow a row of trees which can provide the screen effect to the Ngau Tam Mei Drainage Channel (NTMDC).

2.1.2 Planting Numbers

There is a total of 10 nos. of new trees proposed to be planted on the available planting area along Yau Pok Road adjoining to NTMDC.

2.1.3 Location of New Planting

The new trees will be planted on an existing planting area identified with sufficient planting space on site along Yau Pok Road adjoining to NTMDC.

2.1.4 New Planting Schedule

The proposed species of the trees planting were summarized in the schedule below.

Code	Botanic Name	Chinese Name	Native/Exotic	Tree Size / Height, Spread, dBH (mm)	Quantity
ILE.ROT.	<i>Ilex rotunda</i>	鐵冬青	Native	3500, 2000, 75	10

Details on the new tree planting refers to the new tree planting plan in **Appendix B**.

2.2 Existing Tree Planting at Ngau Tam Mei Drainage Channel (NTMDC)

Tree planting effort in NTMDC has been maximized as result of limited and suitable planting area from site investigation. It was recorded that the existing planting have been well established along both sides of the NTMDC with a success screen effect. In addition to the proposed ten (10) trees locations, the roadside planters adjoining to the NTMDC were occupied by existing trees plantings.

Further elaboration of the site conditions was detailed below.

Existing Tree Screening

The existing vegetation along both sides of the NTMDC were well established with tree screening to surroundings. (Refer to **Figure 1.0 in Appendix C**)

The channel side conditions of the NTMDC

It is noted that the channel sides were sloped areas with 30 degrees or steeper; and there were existing concrete slab protections. (Refer to **Figure 2.0 in Appendix C**). The channel sides had no proposed tree plantings with consideration below.

- Slopes with 30 degree or steeper are not suit for tree planting in according to the Technical Guidelines on Landscape Treatment for Slopes (GEO Publication No. 1/2011) issued by the Geotechnical Engineering Office of Civil Engineering and Development Department.
- The protective concrete slabs to the channel side shall be used to avoid soil erosion and shall not be damaged where the existing planting holes on the slab are very small (about 100mm diameter) and do not have sufficient soil depth for planting as advised by DSD. Therefore, tree planting at the both side of the embankment of NTMDC is infeasible.

1. Existing planters occupied by existing trees

Figure 3.1 / View 01
Figure 3.3 / View 02
Figure 4.2 / View 01 and 02
Figure 4.3 / View 02

2. Existing slopes with vegetation

Figure 3.2 / View 01 and 02

3. Existing concreted path for maintenance or pedestrian access

Figure 3.1 / View 02
Figure 3.3 / View 01
Figure 4.1 / View 01 and 02
Figure 4.3 / View 01

2.3 Implementation Schedule

The required compensatory tree planting and new tree planting adjoining to NTMDC mentioned above will be implemented in according to the table below.

Tree Planting	Planting Location	Timing for Tree Planting	Implementation Agent	Maintenance Agent
Standard Trees (112 Nos.)	Town Park in Area 68 of Tseung Kwan O (Off-site)	Sep 2024 to Dec 2024	Specialist soft landscape contractor appointed by the main contractor under ArchSD supervision	LCSD
Standard Trees (10 Nos.)	Existing Planter adjoining to NTMDC	Sep 2024 to Nov 2024	Specialist soft landscape contractor appointed by the main contractor under ArchSD supervision	First five years of LPH operation: LPH operator (appointed by Housing Bureau) After LPH operation period: LCSD
Standard Trees (43 Nos.)	Within Site	Sep 2024 to Nov 2024	Specialist soft landscape contractor appointed by the main contractor under ArchSD supervision	LPH operator (appointed by Housing Bureau)

APPENDIX A

COMPENSATORY TREE PLANTING PLAN

LANDSCAPE ARCHITECT



earthasia limited
 香港地球地景建築師有限公司
 11/F, GARDEN TOWER, 238 SALISBURY ROAD
 HONG KONG TEL: 2538 8888 FAX: 2538 9999

CLIENT

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DATE

REVISION

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DATE

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DESIGNER

DRAWN

CHECKED

PL

DATE

PROJECT

3/22/23

PROPOSED LIGHT PUBLIC HOUSING
 AT YAU FOK ROAD, YUEN LONG

TITLE

COMPENSATORY PLANTING PLAN

SCALE

1:500 (A3) / 1:1000 (A4)

REVISION

PP-01

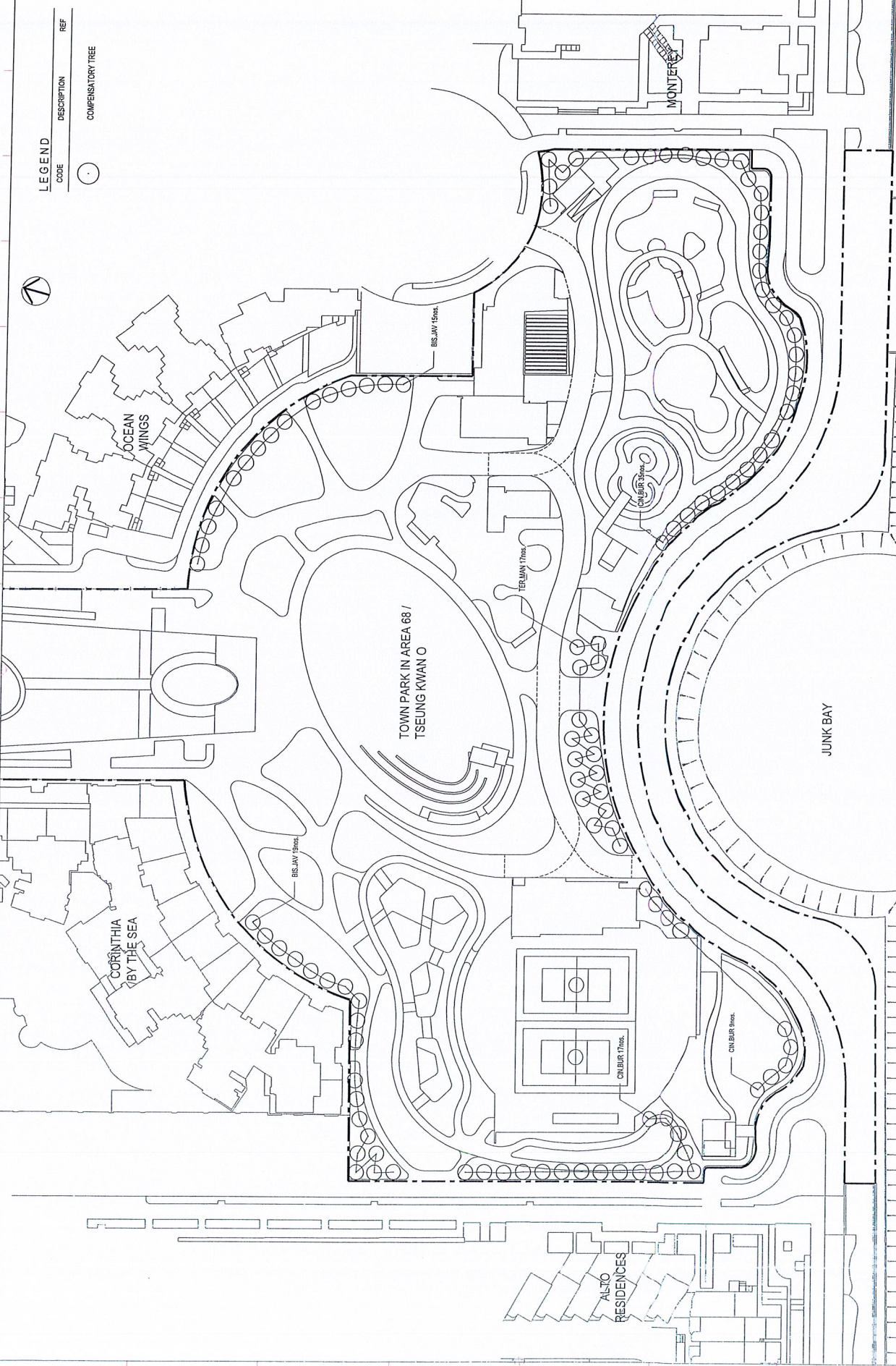
DATE

JUN 2023

REFERENCE

LEGEND

CODE	DESCRIPTION	REF
○	COMPENSATORY TREE	



Compensatory Planting Schedule

Abbreviation	Botanic Name	Chinese name	Height (mm)	Spread (mm)	Spacing (mm)	DBH (mm)	Quantity	Remarks
BIS.JAV	<i>Bischofia javanica</i>	秋楓	5000	4000	5000	75	34	
CIN.BUR	<i>Cinnamomum burmannii</i>	陰香	5000	4000	5000	75	61	
TER.MAN	<i>Terminalia mantaly</i>	小葉桐仁	5000	4000	5000	75	17	

1 COMPENSATORY PLANTING PLAN SCALE: 1:500 (A3)

LEGEND

SYMBOL	DESCRIPTION	REF
(Circle with dot)	BOUNDARY LINE	
(Circle with cross)	TREE TO BE RETAINED	
(Circle with vertical lines)	COMPENSATORY TREE	
(Circle with horizontal lines)	EXISTING LEVEL	

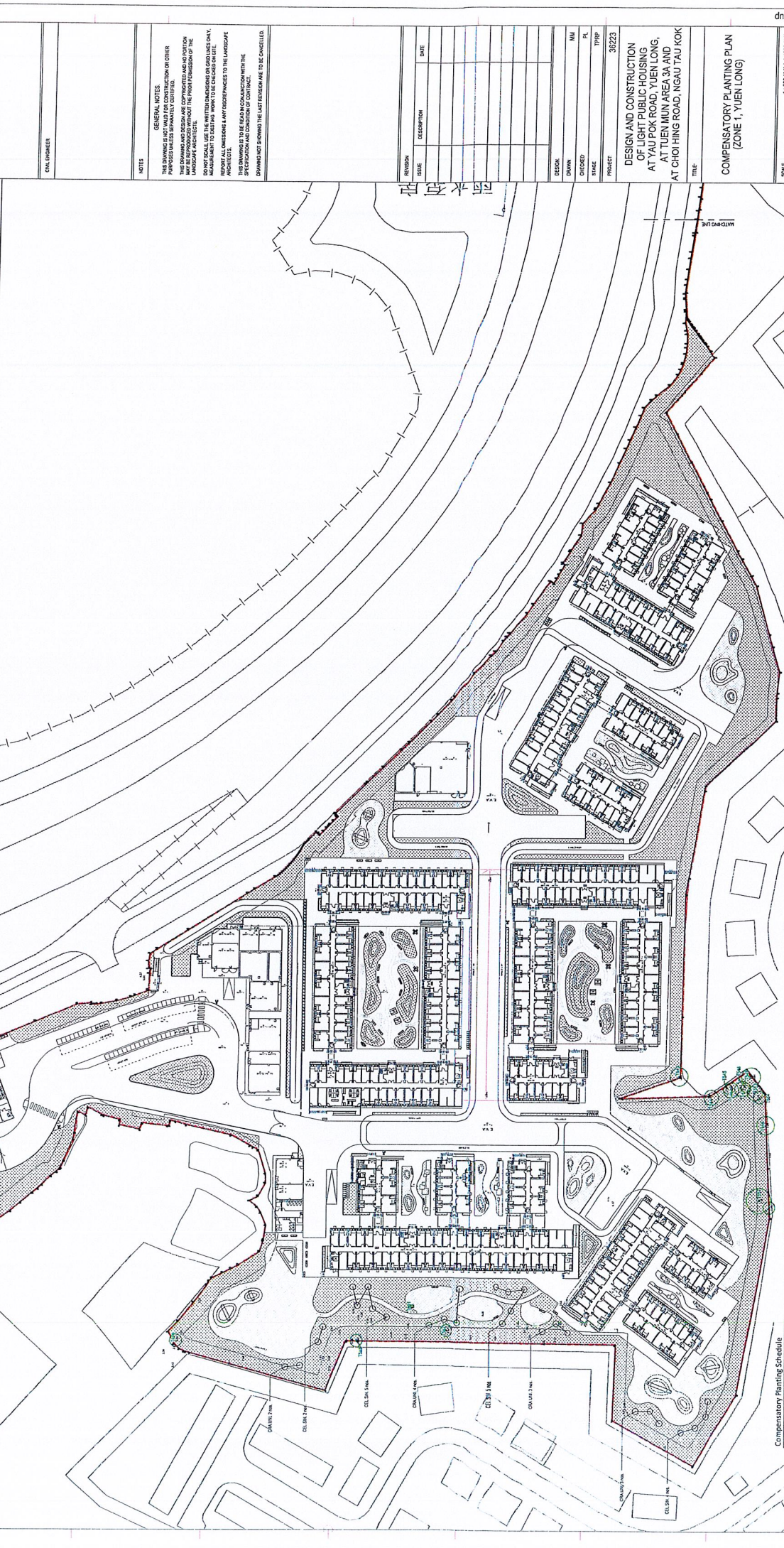
LANDSCAPE ARCHITECT
earthasia limited
 香港灣仔軒尼詩道41號411室
 411, GORDON LUNG, 4/F, 41 COLACREST RD
 HONG KONG
 TEL: (852) 2538 8628 FAX: (852) 2539 9841

CLIENT

CIVIL ENGINEER

NOTES

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COMPENSATORY PLANTING PLAN (ZONE 1, YUEN LONG)

SCALE 1:600 (H/T) / 1:1000 (V)

REVISION

DRAWING NO. TOA-01

DATE: JAN 2023

REFERENCE:

DESIGN AND CONSTRUCTION OF LIGHT PUBLIC HOUSING AT YAU POK ROAD, YUEN LONG, AT TUEN MUN AREA 3A AND AT CHOI HING ROAD, NGAU TAU KOK

PROJECT 36223

MM

DD

PP

REVISION

DATE

REVISION

DATE

REVISION

DATE

REVISION

DATE

REVISION

DATE

REVISION

DATE

Compensatory Planting Schedule

Abbr.	Chinese name	Scientific name	Height (mm)	Spread (mm)	Spacing (mm)	DBH (mm)	Quantity	Remarks
CE.LR	紅仔	Celastrus	3500	2000	5000	75	15	Native/evergreen
CE.LR	紅仔	Celastrus	3500	2000	5000	75	12	Local/evergreen

LANDSCAPE ARCHITECT



earthasia limited

香港新界沙田區沙田圍第11號
11/F, COCO SQUARE, 232 CANTON ROAD
SHEWAN TOMES BUILDING
TEL: (852) 2328 5100 FAX: (852) 2328 1841

CLIENT	
DATE	
SCALE	
SCALE NUMBER	

DESIGNER	
DATE	
DESCRIPTION	
REVISION	

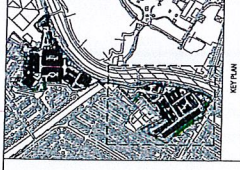
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DATE	
PROJECT	38223

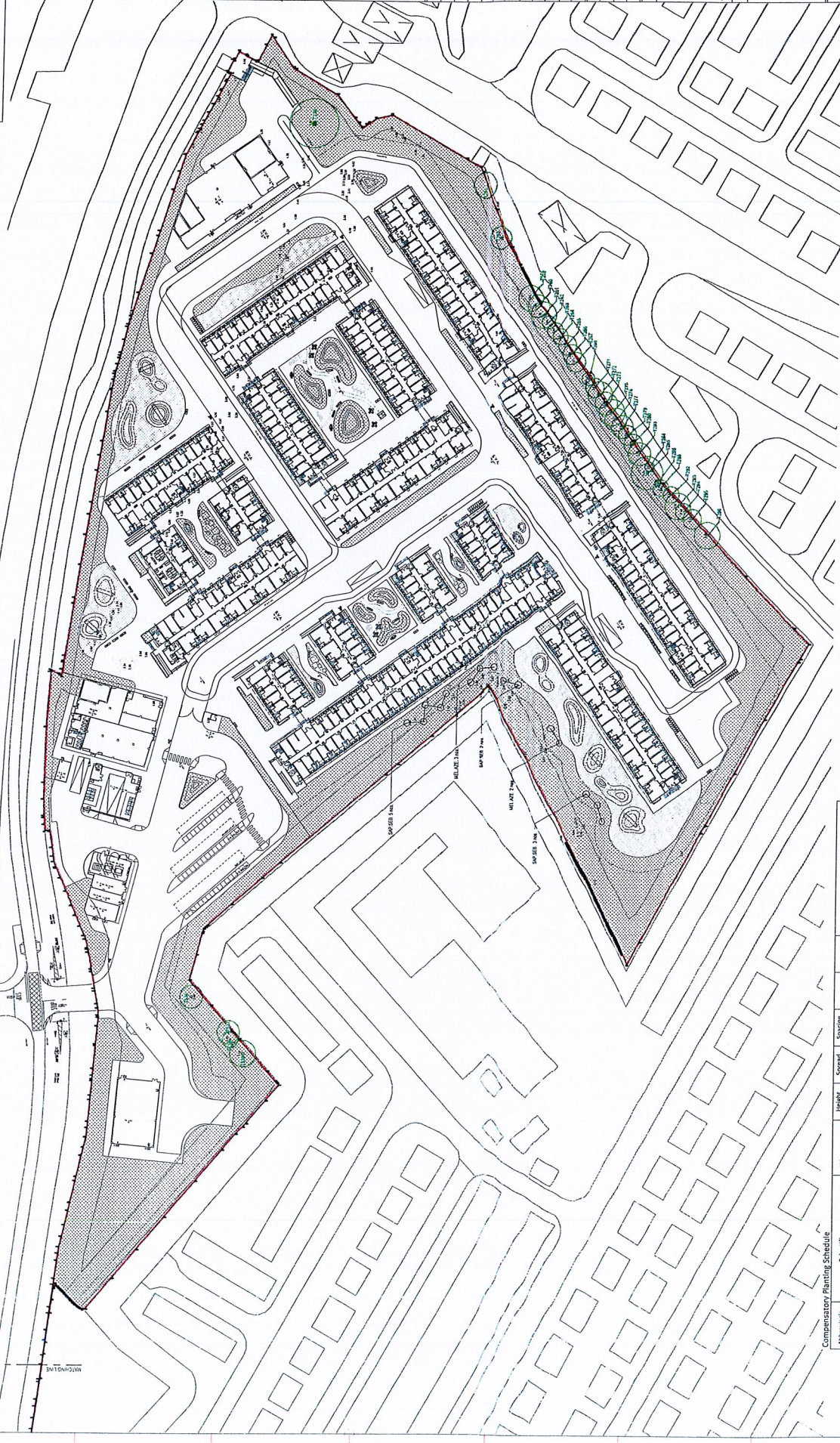
DESIGN AND CONSTRUCTION OF LIGHT PUBLIC HOUSING AT YAU POK ROAD, YUEN LONG, AT TUEN MUN AREA 3A AND AT CHOI HING ROAD, NGAU TAU KOK	
TITLE	COMPENSATORY PLANTING PLAN (ZONE 2, YUEN LONG)

SCALE	1:500 (A1) / 1:1000 (A3)
DRAWING NO.	TCA-02
DATE	JAN 2024
REFERENCE	



LEGEND

CODE	DESCRIPTION	REF
---	BOUNDARY LINE	
○	TREE TO BE REMOVED	
○	COMPENSATORY TREE	
---	DISTANCE LEVEL	



1 COMPENSATORY PLANTING PLAN SCALE 1:500

Compensatory Planting Schedule

Tree	Abbreviation	Scientific name	Chinese name	Height (mm)	Spread (mm)	Spacing (mm)	DBH (mm)	Quantity	Remarks
MEL.AZ.	Melia azadirachta	苦楝	苦楝	1500	2000	5000	75	5	Scotic/evergreen
SAP.SB.	Sapindus saponaria	大青木	大青木	3500	2000	5000	75	10	Native/evergreen

APPENDIX B

NEW TREE PLANTING PLAN

LPH Project - Yuen Long
YAU POK ROAD

Compensation Tree

Abbreviation	Scientific name	Chinese name	Height (mm)	Spread (mm)	Spacing (mm)	DBH (mm)	Quantity	Remarks
ILE.ROT.	<i>Ilex rotunda</i>	鐵冬青	3500	2000	5000	75	10	

NOTE: 12 MONTHS ESTABLISHMENT PERIOD SHALL BE PROVIDED

LEGEND

CODE	DESCRIPTION	REF
---	SITE BOUNDARY	
○	NEW TREE PLANTING	
★	RIVER BANK AREAS WITH 30° OR ABOVE SLOPE	
---	EXISTING PLANTER	



KEY PLAN



NGAU TAM MEI DRAINAGE CHANNEL

YAU POK ROAD

View 01

View 02

ILE.ROT. 10nos.

SITE

1 NEW TREE PLANTING PLAN (ALONG NTMDC) SCALE 1:400

LANDSCAPE ARCHITECT

earthasia limited
MEMBERSHIP IN THE INSTITUTE OF LANDSCAPE ARCHITECTS OF HONG KONG AND THE INSTITUTE OF LANDSCAPE ARCHITECTS OF THE PEOPLE'S REPUBLIC OF CHINA

CLIENT

CIVIL ENGINEER

NOTES

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THE PLANTING SHALL BE MAINTAINED FOR A PERIOD OF 12 MONTHS FROM THE DATE OF PLANTING.
THE PLANTING SHALL BE MAINTAINED FOR A PERIOD OF 12 MONTHS FROM THE DATE OF PLANTING.
THE PLANTING SHALL BE MAINTAINED FOR A PERIOD OF 12 MONTHS FROM THE DATE OF PLANTING.

REVISION	DESCRIPTION	DATE

DESIGN	DRAWN	CHECKED	STAGE	PROJECT
				38223

PROPOSED LIGHT
PUBLIC HOUSING AT
YAU POK ROAD,
YUEN LONG

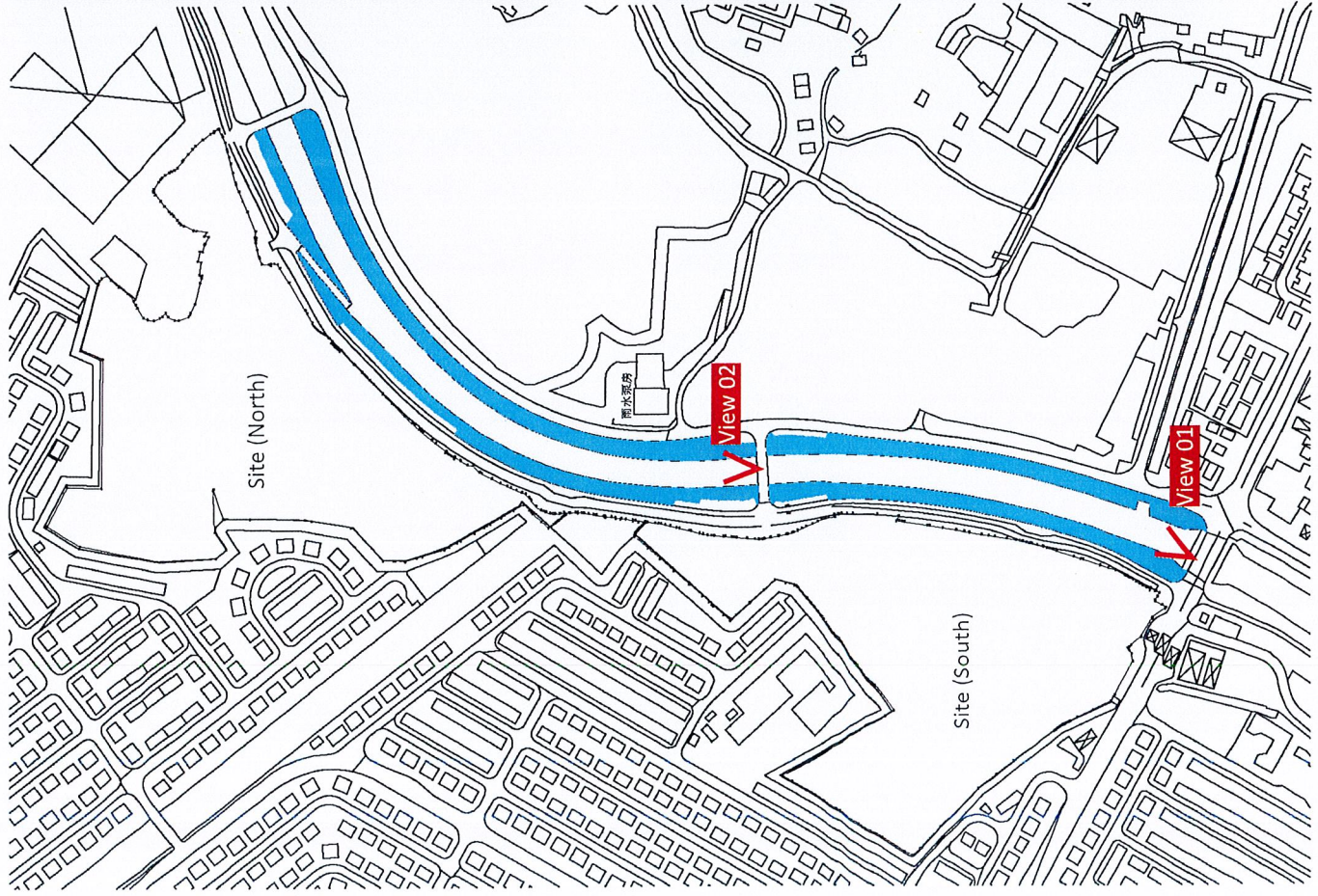
NEW TREE PLANTING PLAN
(ALONG NTMDC)

SCALE	AS SHOWN
DRAWING NO.	PP-02
DATE	FEB 2024

earthasia design group

APPENDIX C

FIGURES ON SITE CONDITION OF
THE NGAU TAM MEI DRAINAGE CHANNLE
(NTMDC)

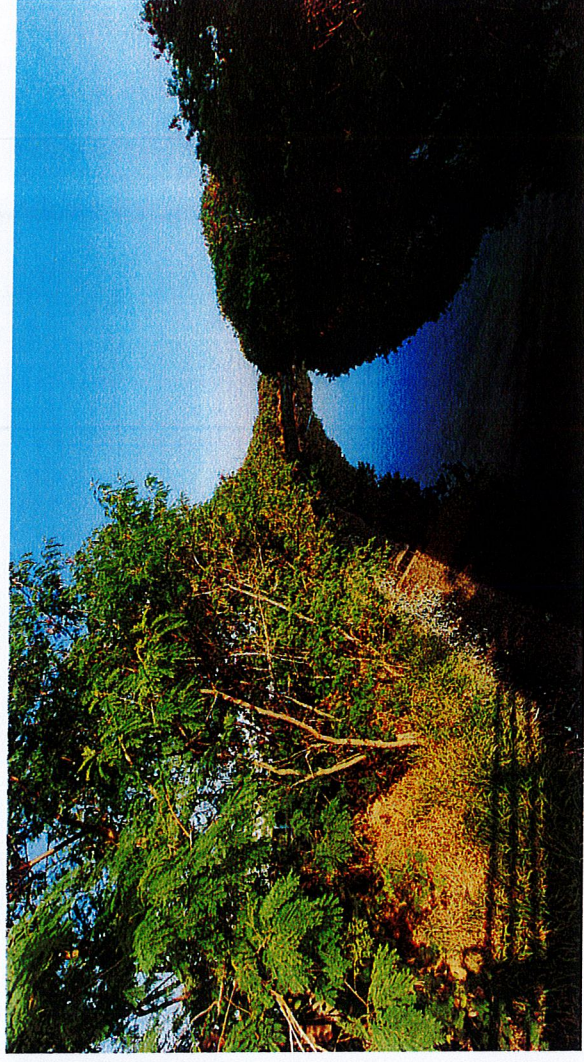


Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)



Drainage channel with sloped riverbank at 30 degree or steeper on both sides

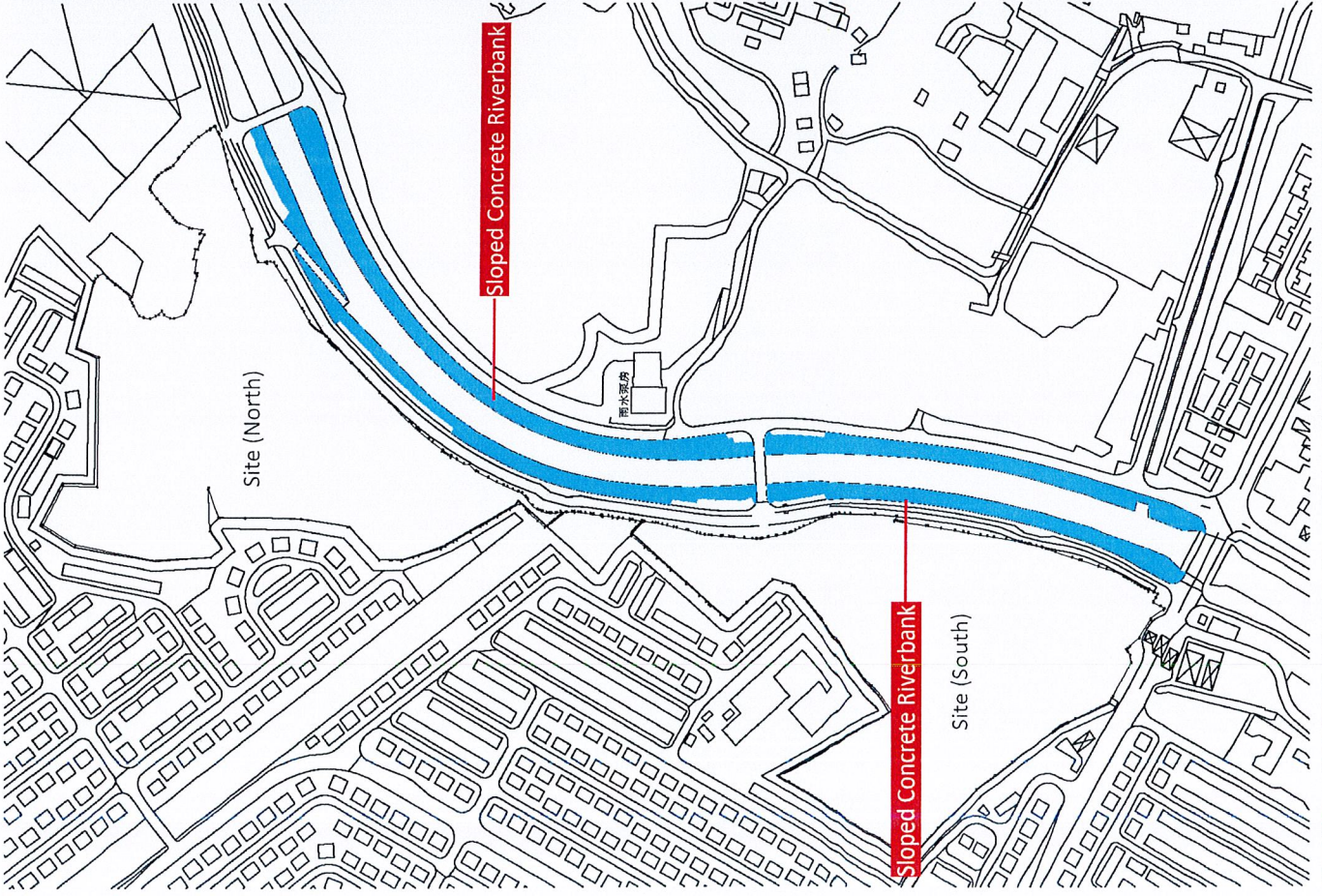
View 01



Existing riverbank planting is densely established on both side and screened off the Yau Pok Site.

View 02

Figure 1.0



Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)



The slope surface of the riverbank is protected by a concrete slab.

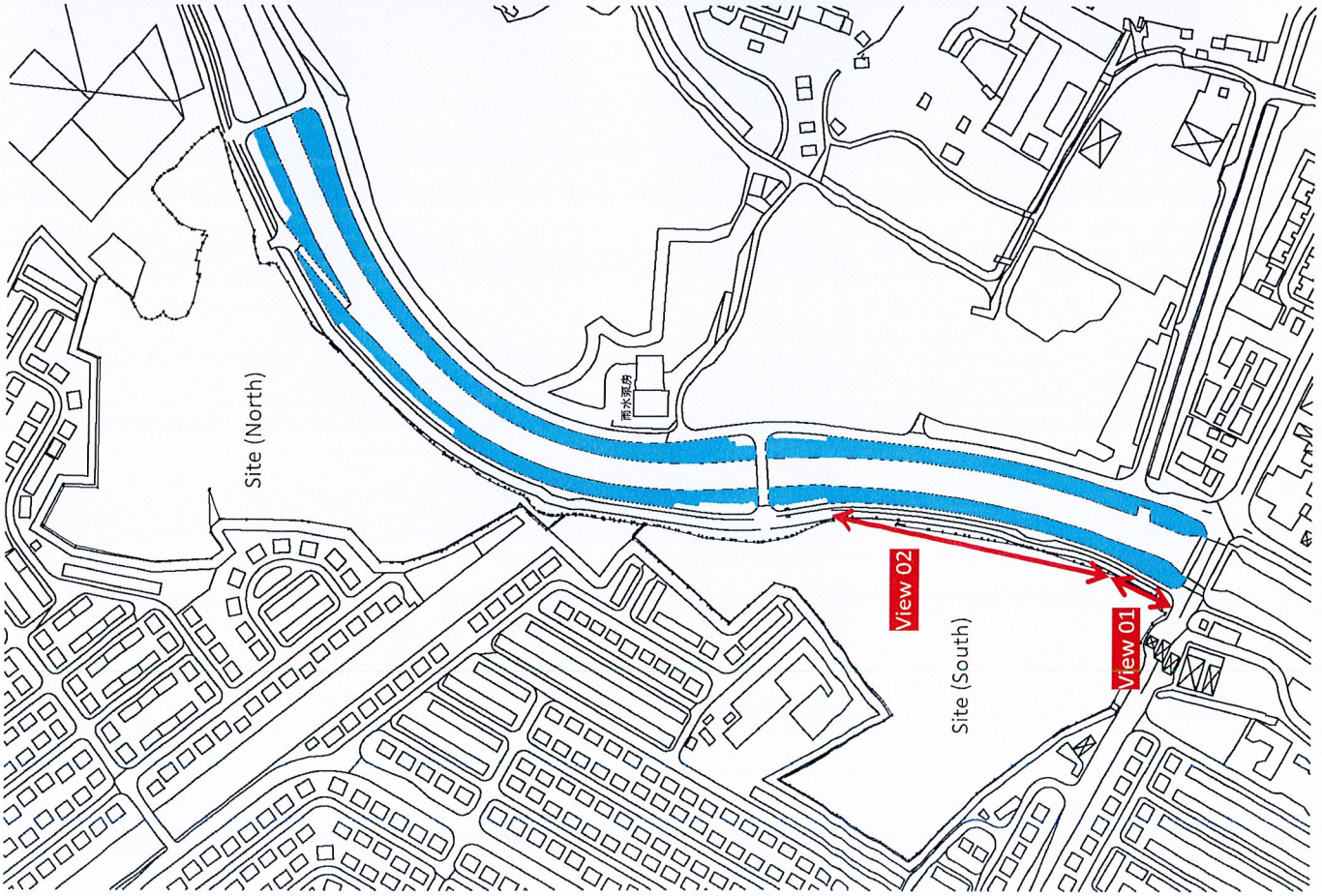
View 01



Planting holes are available in small size about 100mm diameter and do not have sufficient soil depth for planting as advised by DSD. Therefore, tree planting at the both sides of NTMDC is infeasible.

View 02

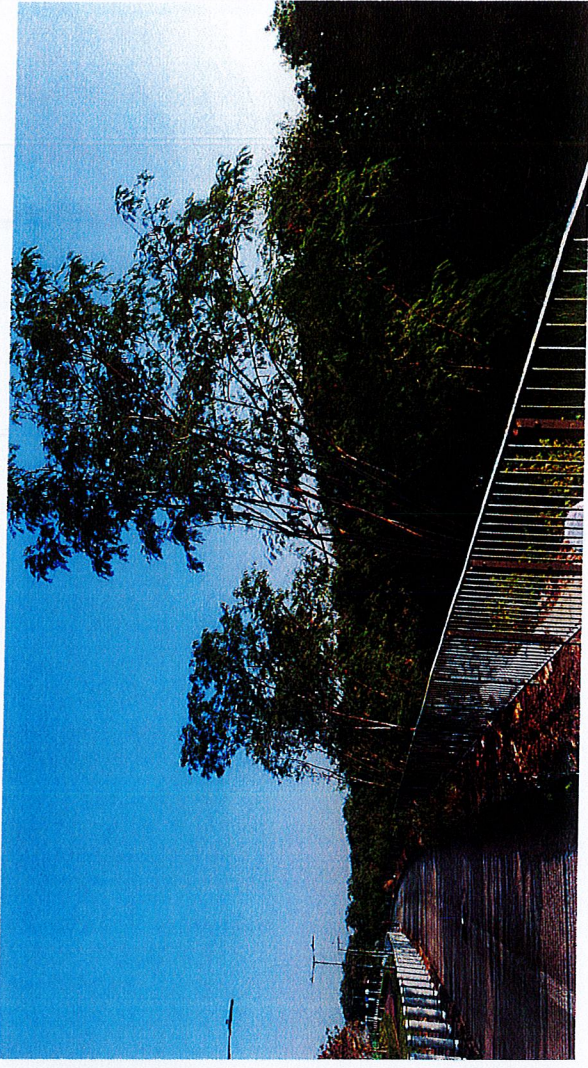
Figure 2.0



Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)

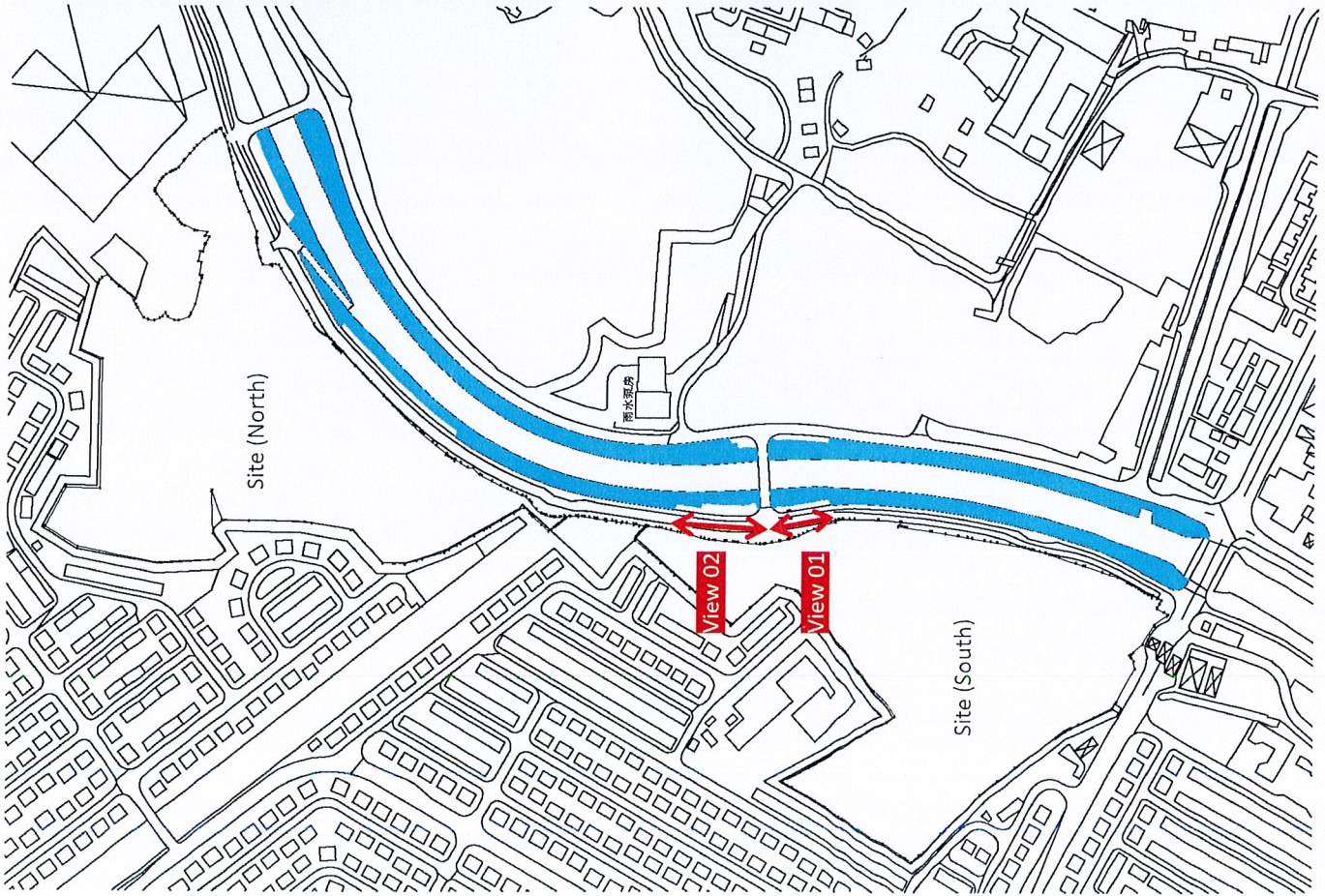


View 01



View 02

Figure 3.1



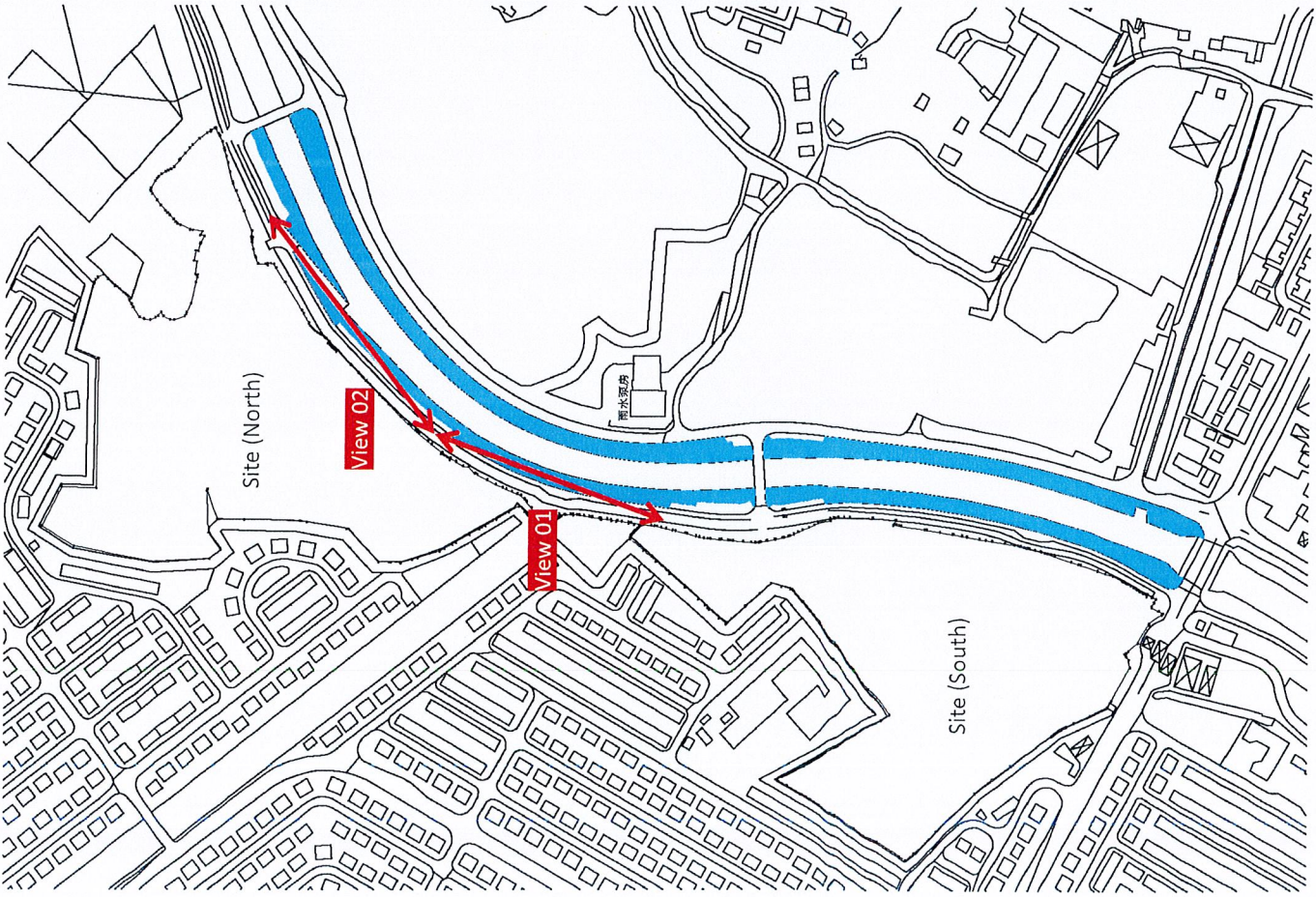
View 01



View 02

Figure 3.2

Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)

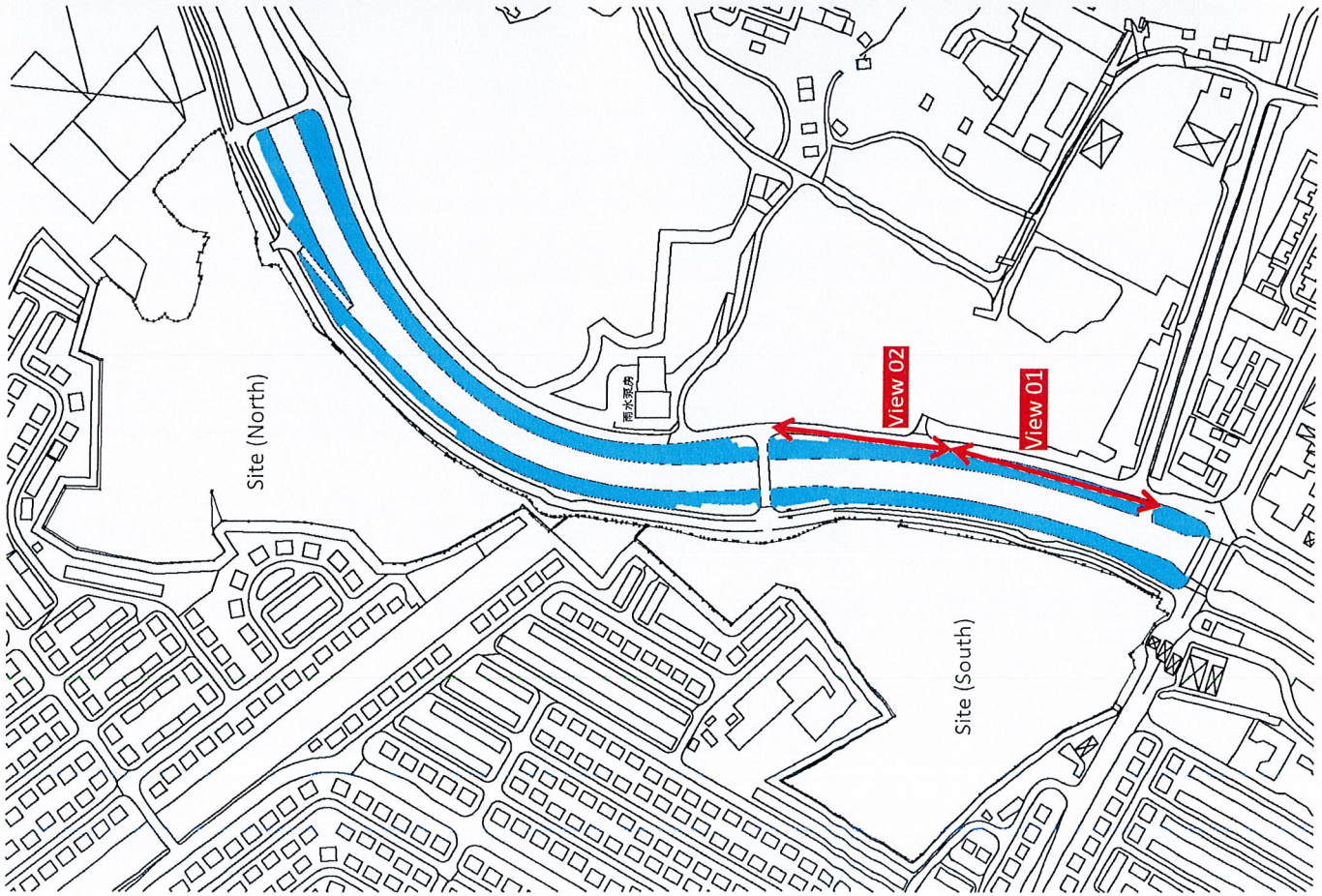


View 01



View 02

Figure 3.3



Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)

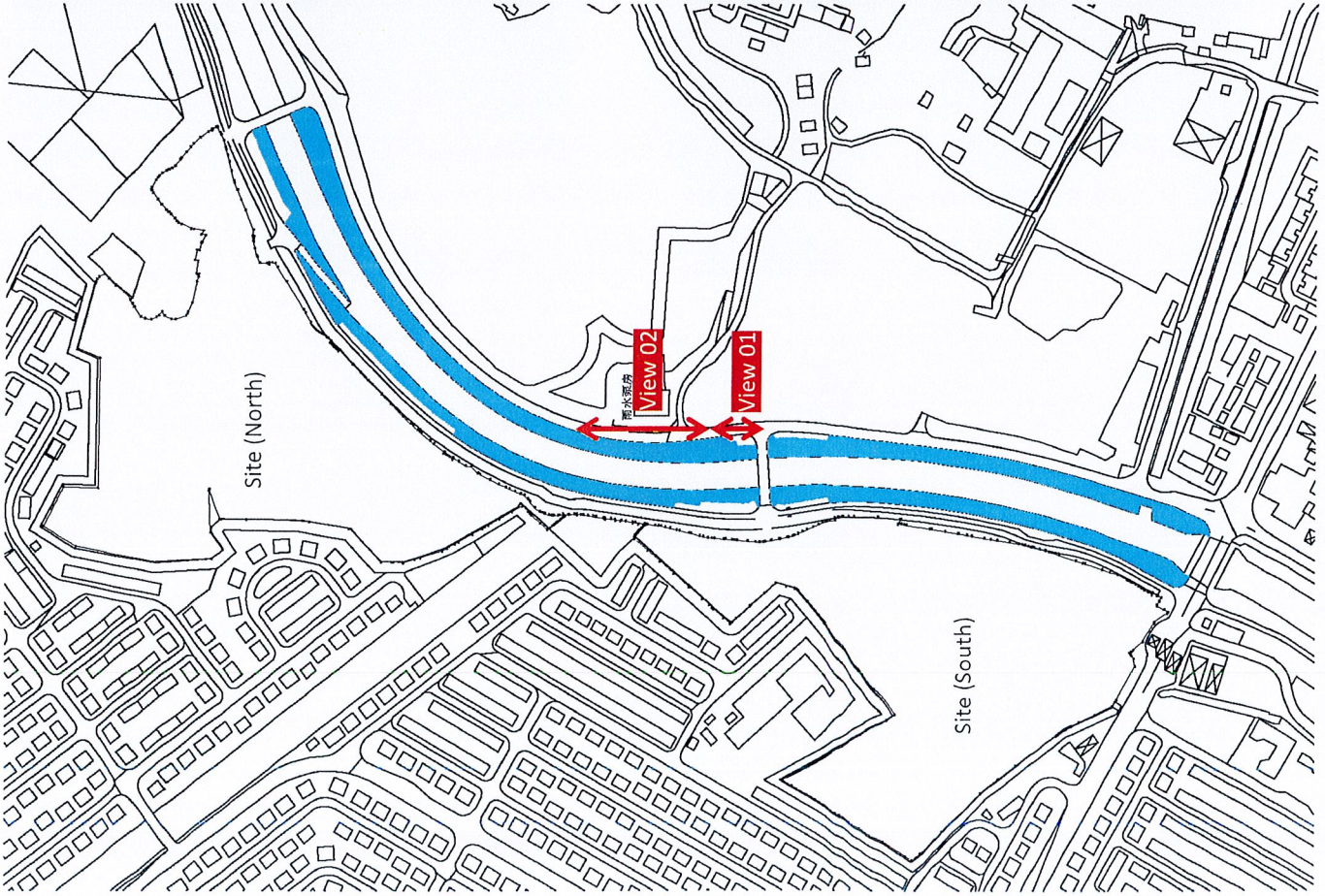


View 01



View 02

Figure 4.1



Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)

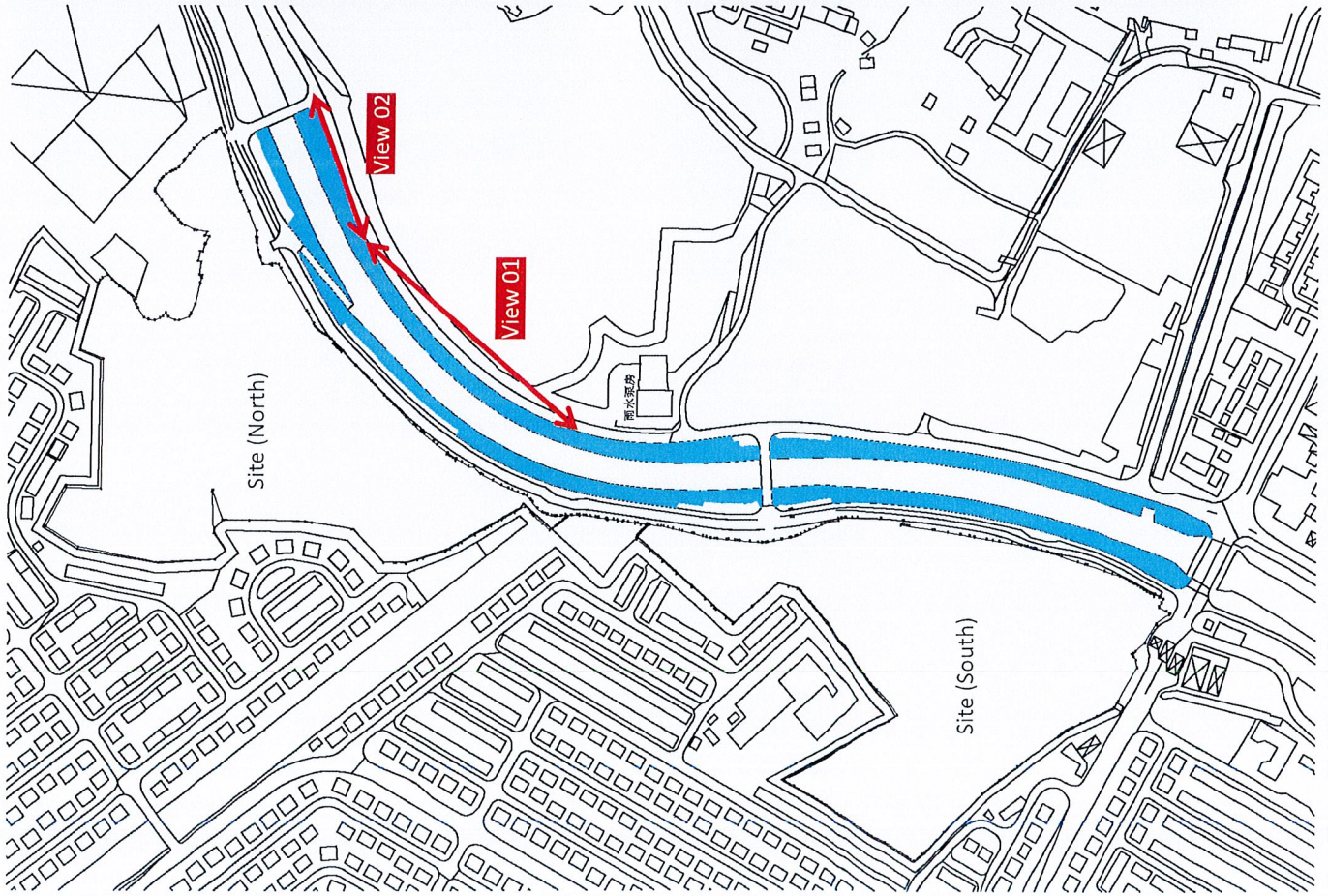


View 01



View 02

Figure 4.2



Key Plan – Lighting Public Housing and Ngau Tam Mei Drainage Channel (NTMDC)



View 01



View 02

Figure 4.3