

**Construction Works Schedule and Location Plans
for Tung Chung New Town Extension (West)
(EP No. EP-519/2016)**

February 2025

Environmental Permit No. EP- 519/2016

Tung Chung New Town Extension (West)

Environmental Team Leader Certification

Reference Document /Plan

Document to be Certified:	Construction Works Schedule and Location Plans
Date of Document:	February 2025
Date received by ETL:	12 February 2025

Reference EP Condition

Environmental Permit Condition: 2.12

The Permit Holder shall, no later than three months before the commencement of construction of the Project, deposit three hard copies and one electronic copy of a work plan (The Plan) with the Director. The Plan shall include at least the following information/specifications:

- i) A detailed phasing programme of all construction works including reclamation, seawall construction, roadworks, river park and sewage pumping stations of the Project; and
- ii) Location plan of all construction works in an appropriate scale.

ETL Certification

I hereby certify that the above reference document complies with the above referenced condition of EP-519/2016.



Daniel Sum
Environmental Team Leader

Date: 13 February 2025

Your Ref.

By Post

Our Ref. 198377-0967

Date 13 February 2025

Sustainable Lantau Office
Civil Engineering and Development Department
13/F, North Point Government Offices
333 Java Road, North Point
Hong Kong

Attention: Mr. Ryan CHAK / Ms. Carol LAM

Dear Sir / Madam,

**Agreement No. CE 59/2017 (EP)
Independent Environmental Checker for Tung Chung New Town Extension – Investigation
Construction Works Schedule and Location Plans (EP condition 2.12)**

We refer to the Construction Works Schedule and Location Plans for Tung Chung New Town Extension (West) (TCW) dated February 2025 and certified by the Environmental Team Leader of TCW on 13 February 2025. Please note we have no adverse comments on the captioned submission. The captioned submission is hereby verified in accordance with the requirement stipulated in Condition 2.12 of EP-519/2016.

Should you have any query, please feel free to contact the undersigned at 2608 7314 (chuawo@binnies.com) or our Edward Lau at 3894 9695 (lauky@binnies.com).

Yours faithfully,
for and on behalf of
BINNIES HONG KONG LIMITED



MANUEL CHUA
INDEPENDENT ENVIRONMENTAL CHECKER

cc: ET Leader / TCW – Mott (Attn: Mr. Daniel SUM) [by Email: daniel.sum@mottmac.com]
PM / TCW – Arup (Attn: Mr. Jackson WONG) [by Email: jackson.wong@tcw.c5c6.hk]



Binnies Hong Kong Limited
43/F, AIA Kowloon Tower, 100 How Ming Street, Kwun Tong, Kowloon, Hong Kong
賓尼斯工程顧問有限公司
香港九龍觀塘巧明街 100 號友邦九龍大樓 43 樓



+852 2601 1000



+852 2601 3988



binnieshk@binnies.com



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1. Project Description

The development of Tung Chung New Town Extension (TCNTE), comprising Tung Chung East (TCE) and Tung Chung West (TCW), is a mega-scale and complex project aiming to provide land to meet the future housing economic and social development needs of Hong Kong. Due to the fact that the proposed works are geographically separated, the implementation of mega-scale Project is divided into two packages, namely TCE and TCW respectively. In accordance with the tight delivery programme, the Project will be implemented in phases under separate contracts for the developments of TCE and TCW. This Plan only covers the works in TCW. Construction Works Schedule and Location Plans for TCE can be found at dedicated project website: <http://env.tcnte.hk/ep-submissions.html>.

2. Scope of Works for Tung Chung New Town Extension

The Tung Chung New Town Extension project (the Project) comprises the following elements:

- (i) reclamation of the seabed by a non-dredged method at TCE to form a total of about 130 hectares of land;
- (ii) construction of about 4.9 kilometers of seawalls, with an eco-shoreline, three drainage box culvert outfalls, three circulation drains and a seawater intake at TCE;
- (iii) provision of infrastructure for Tung Chung Area 58, including construction of a single two-lane road with a footpath and the associated utility works;
- (iv) site formation works at TCW;
- (v) construction of the River Park including a visitor centre at TCW;
- (vi) construction of proposed open space;
- (vii) construction of sustainable urban drainage systems at TCW;
- (viii) construction of roads, footpaths, cycle tracks and the associated junction / road improvement works;
- (ix) engineering infrastructure works covering drainage, sewerage, waterworks (including a fresh water service reservoir, a salt water service reservoir and a salt water pumping station), common utility tunnels and landscaping works; and
- (x) implementation of environmental mitigation measures and environmental monitoring and audit programme for the works.

3. Implementation Programme

The Contract No. NL/2020/05 – Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung (i.e. Contract 5) at TCW has been awarded in May 2021 and is scheduled for completion in 2025. The main contractor for Contract No. NL/2020/05 is Build King – Richwell Civil Joint Venture (BKRCJV).

The Contract No. NL/2020/06 – Tung Chung New Town Extension – Site Formation and Infrastructure Works at Tung Chung Valley, Phase 1 (i.e. Contract 6) at TCW has been awarded in May 2021 and is scheduled for completion in 2025. The main contractor for Contract No. NL/2020/06 is China Railway Group Limited (CREC).

4. Condition 2.12 of Environmental Permit (EP) for Tung Chung New Town Extension (EP No. EP-519/2016)

The Permit Holder shall, no later than 3 months before the commencement of construction of the Project, deposit 3 hard copies and 1 electronic copy of a work plan (The Plan) with the Director. The Plan shall include at least the following information/specifications:

- (i) a detailed phasing programme of all construction works including reclamation, seawall construction, roadworks, river park and sewage pumping stations of the Project; and
- (ii) location plan of all construction works in an appropriate scale.

5. Submission under EP

In view that only the site formation and infrastructure works at Ma Wan Chung (i.e. Contract 5) and Tung Chung Valley, Phase 1 (Contract 6) at TCW have commenced, this submission is prepared based on the latest information of Contract 5 and Contract 6. The submission shall be updated before commencement of construction of the respective contracts for the site formation and infrastructure works or when there is any updated information of the contracts at TCW according to the relevant requirements contained in the EM&A Manual, EIA Report and EP.

The details of Construction Works Schedule and Location Plans for Contract 5 are provided in **Attachment I** below.

The details of Construction Works Schedule and Location Plans for Contract 6 are provided in **Attachment II** below.

6. Construction Works at TCW under EP Condition 2.12

As shown in section 2 and in relation to Condition 2.12 of the EP, construction works under TCW contracts include roadworks, river park and sewage pump stations. Reclamation and seawall construction are not included under TCW contracts.

Attachment I

Construction Works Schedule and Location Plans for

Contract No. NL/2020/05

Tung Chung New Town Extension –

Site Formation and Infrastructure Works at Ma Wan Chung



Build King – Richwell Civil Joint Venture

Construction Works Schedule and Location Plans

For

Contract No. NL/2020/05

Tung Chung New Town Extension –
Site Formation and Infrastructure Works
at Ma Wan Chung

Rev. 03

Prepared by:

A handwritten signature in blue ink, appearing to read 'Calvin Chan'.

Calvin Chan
Environmental Officer

Approved by:

A handwritten signature in blue ink, appearing to read 'Ricky Hon'.

Ricky Hon
Site Agent

Date: 15th January 2025


Rev.: 03	Build King – Richwell Civil Joint Venture	 Build King – Richwell Civil Joint Venture
Title: Construction Works Schedule and Location Plans Contract No. NL/2020/05 Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung		Page #: <i>Page 2 of 5</i>

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1.3.	Duration of Works	3
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APPENDIX

- Appendix 1 - Programme for Key Dates of Major Works Activities
- Appendix 2 - Location Plans of the Works

Rev.: 03	Build King – Richwell Civil Joint Venture	 Build King – Richwell Civil Joint Venture
Title: Construction Works Schedule and Location Plans Contract No. NL/2020/05 Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung		Page #: Page 3 of 5

1. INTRODUCTION

1.1. Background

This Construction Works Schedule and Location Plans details the construction works programme and location plans of Works to be deployed by **Build King – Richwell Civil Joint Venture (BKRCJV)** during the construction of the Contract No. NL/2020/05 Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung.

The Environmental Impact Assessment (EIA) Report (Register No.: AEIAR-196/2016) prepared for the “Tung Chung New Town Extension” (the project) has been approved by the Director of Environmental Protection, and an Environmental Permit (Permit No.: EP- 519/2016) has been issued for the project under the Environmental Impact Assessment Ordinance. Pursuant to **Condition 2.12 of the Environmental Permit (EP)**, BKRCJV is required to formulate and deposit a Construction Works Schedule and Location Plans for the Works.

1.2. Scope of Works

The works mainly comprise:

- (i) Site clearance (including, but not limited to, the demolition of the existing building structures);
- (ii) Site formation works for Area 23 with associated geotechnical works;
- (iii) Widening of Tung Chung Road North with associated geotechnical works;
- (iv) Construction of carpark at Ma Wan Chung, and associated road works and geotechnical works;
- (v) Carry out road improvement works and drainage works at Chung Yan Road;
- (vi) Construction of open space at Tung Chung Area 29A and the coastal pedestrian access;
- (vii) Renovation works of existing site offices and promenade improvement works;
- (viii) Yard Waste Disposal and Treatment;
- (ix) Ground investigation, geotechnical and building instrumentation monitoring works;
- (x) Associated civil, geotechnical, structural, building services systems, electrical and mechanical engineering and landscaping works; and
- (xi) Implementation of environmental mitigation measures, environmental monitoring and audit programme for the works mentioned above.

1.3. Duration of Works

The Contract No. NL/2020/05 has been awarded in May 2021 for completion in 2025, details as per Initial Works programme showing the key dates of major works activities in Appendix 1.

1.4. Location of Works

The Location Plans for Works are provided in Appendix 2.

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Title: Construction Works Schedule and Location Plans Contract No. NL/2020/05 Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung		Page #: Page 4 of 5

APPENDIX 1

PROGRAMME FOR KEY DATES OF MAJOR WORKS ACTIVITIES

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Title: Construction Works Schedule and Location Plans Contract No. NL/2020/05 Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung		Page #: Page 5 of 5

APPENDIX 2

LOCATION PLANS OF THE WORKS

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CABLE CAR

816500 N

816000 N

TUNG CHUNG BAY

TUNG CHUNG ROAD NORTH

SHEET 2

SHEET 1

MA WAN CHUNG

SHEET 3

SHEET 4

YAT TUNG ESTATE

SHEET 7

SHEET 5

TUNG CHUNG

SHEET 6

SHUN TUNG ROAD

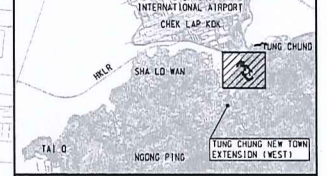
NORTH LANTAU HIGHWAY

HU TUNG ROAD

CHUNG YAN ROAD

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811000 E
811000 E
811000 E
811000 E
811000 E

817000 E
817000 E
817000 E
817000 E
817000 E
817000 E



LOCATION PLAN

NOTES

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING NO. 251854/C5/G/1001 TO 1007.

LEGEND

- WORKS LIMIT

Rev	Description	By	Date
-	TENDER DRAWING	TL	11/20

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 Contract No. NL/2020/05
 Tung Chung New Town Extension -
 Site Formation and Infrastructure Works
 at Ma Wan Chung

Drawing Title

OVERALL LAYOUT PLAN

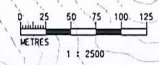
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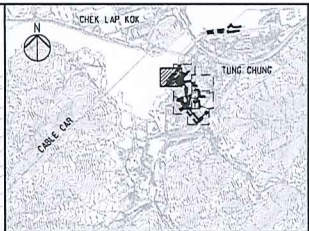
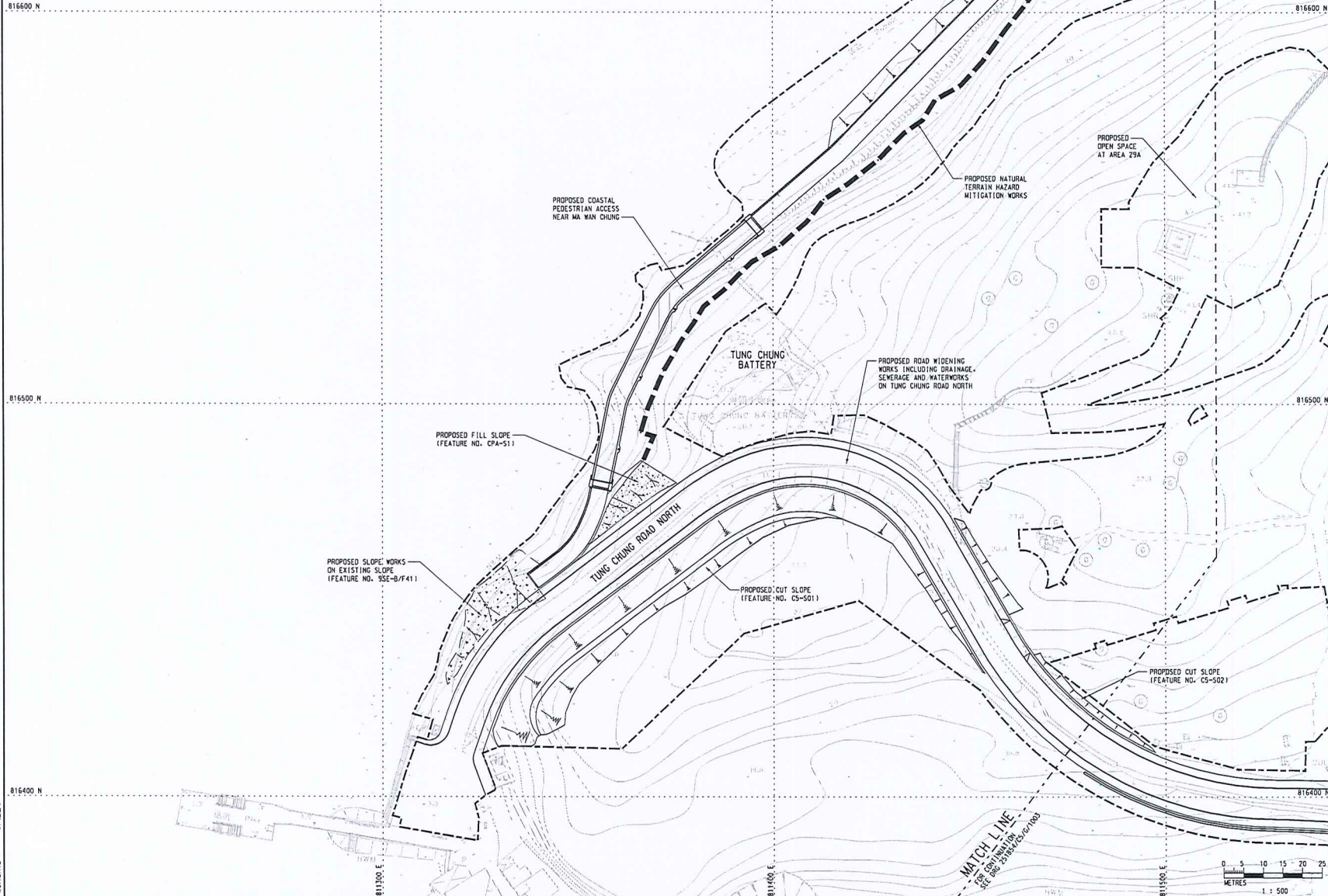


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KEY PLAN

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- LEGEND
- WORKS LIMIT
 - PROPOSED CUT SLOPE
 - PROPOSED FILL SLOPE
 - PROPOSED NATURAL TERRAIN HAZARD MITIGATION WORKS
 - PROPOSED CYCLING PARKING
 - PROPOSED COVERED WALKWAY

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GENERAL LAYOUT PLAN
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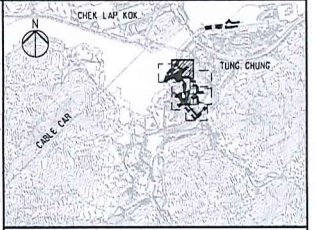
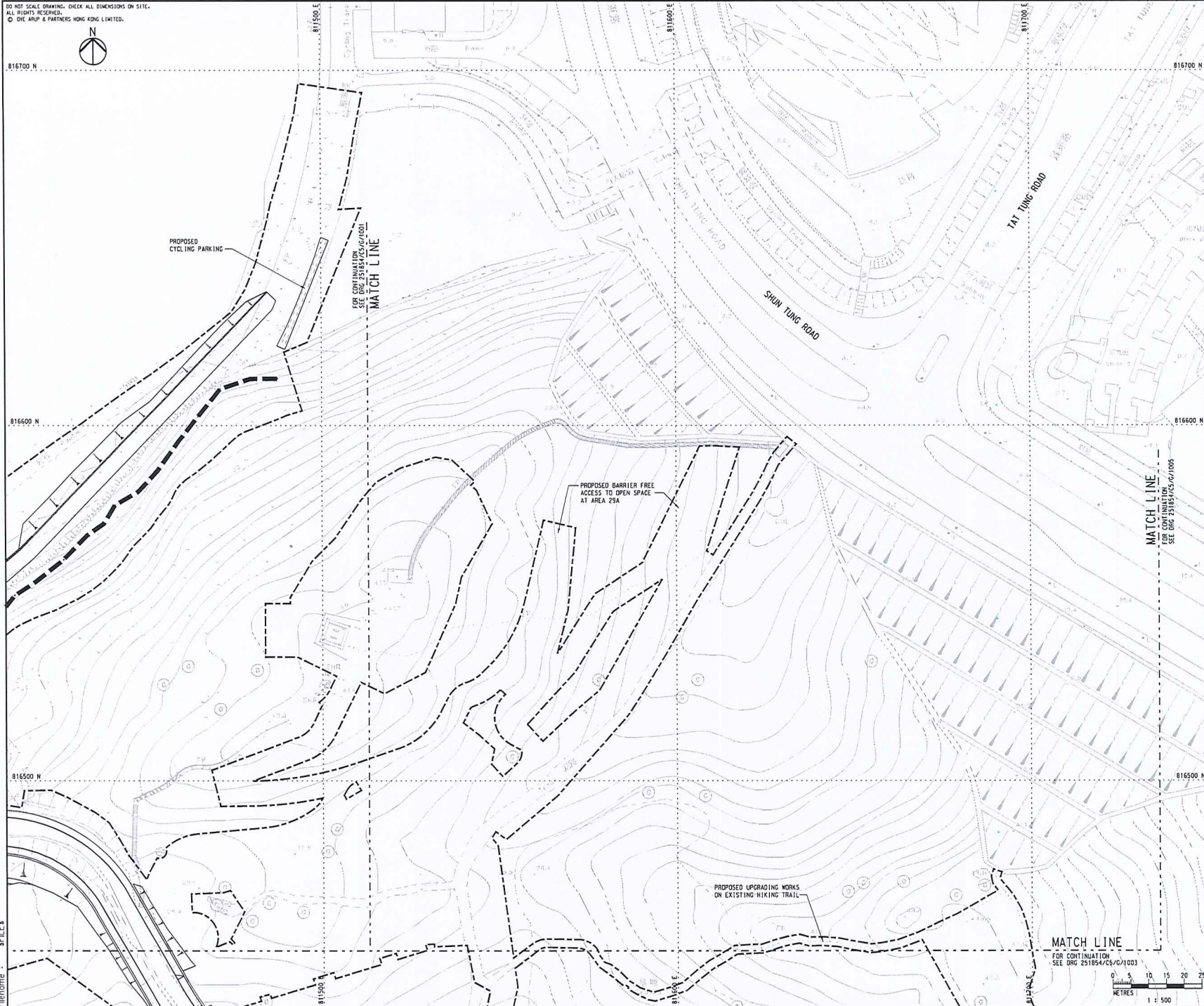
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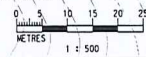
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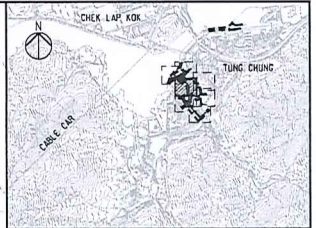
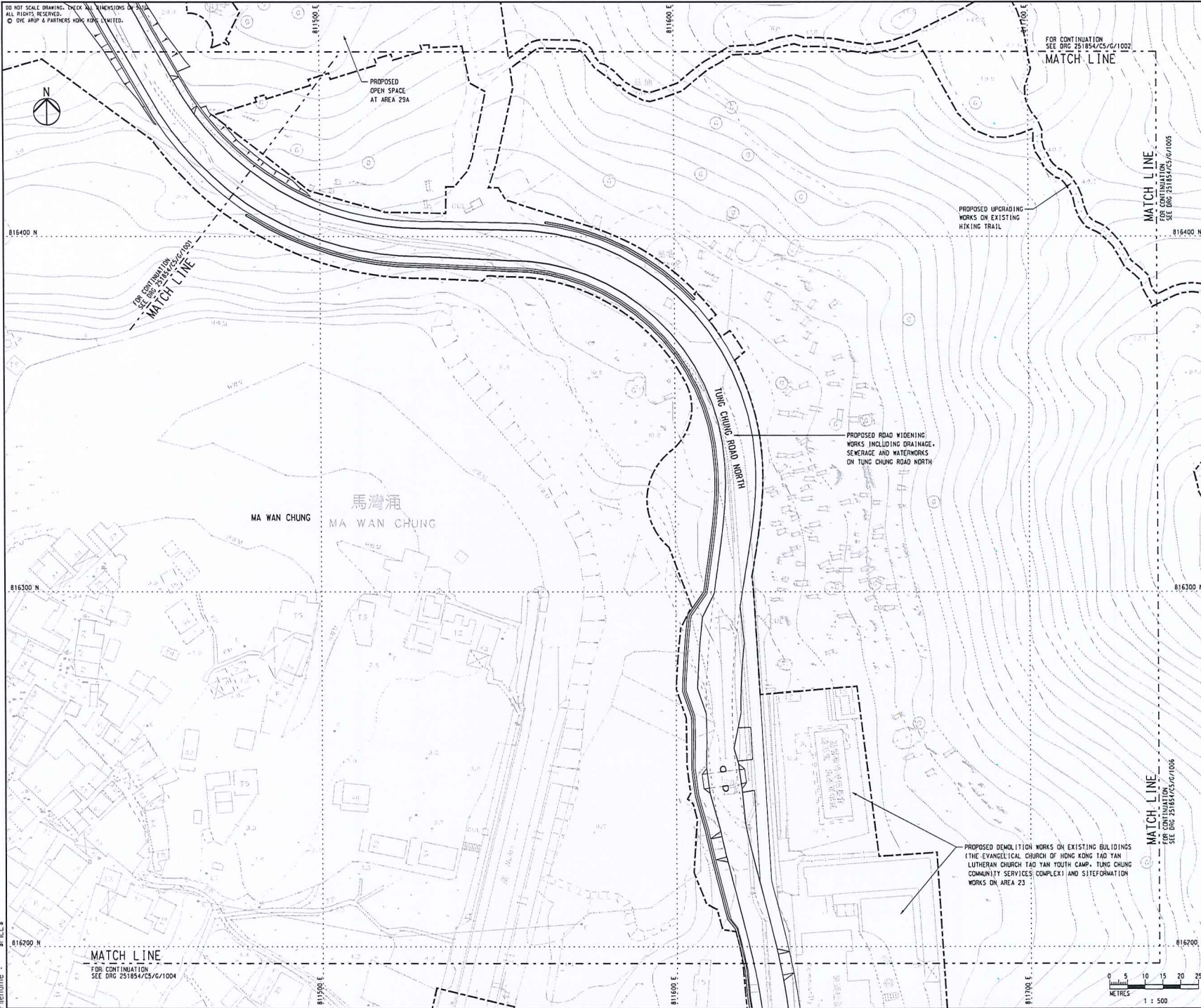


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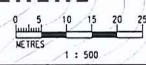
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PROPOSED DEMOLITION WORKS ON EXISTING BUILDINGS
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LUTHERAN CHURCH TAO YAN YOUTH CAMP, TUNG CHUNG
COMMUNITY SERVICES COMPLEX) AND SITEFORMATION
WORKS ON AREA 23

PROPOSED MA WAN CHUNG CARPARK
(INCLUDING DRAINAGE, SEWERAGE,
WATERWORKS, AND ROADWORKS)

黃泥屋
WONG NAI UK

PROPOSED CYCLING PARKING

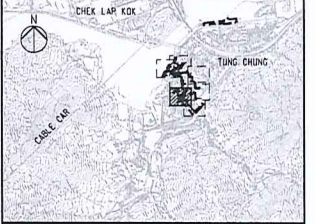
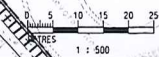
PROPOSED DRAINAGE, SEWERAGE
AND WATERWORKS ON ROUNDABOUT
AND JUNCTION FOR CHUNG YAN ROAD
AND YAT TUNG STREET

PROPOSED FOOTPATH
AND CYCLE TRACK ON
EXISTING PAVEMENT

PROPOSED MODIFICATION TO ROAD MARKING
AND TRAFFIC ISLAND ON JUNCTION OF CHUNG
YAN ROAD AND YAT TUNG STREET

PROPOSED COVERED WALKWAY
ON EXISTING FOOTPATH

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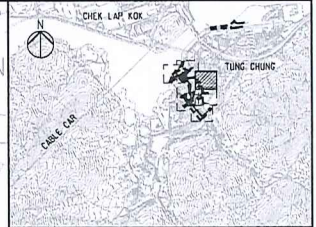
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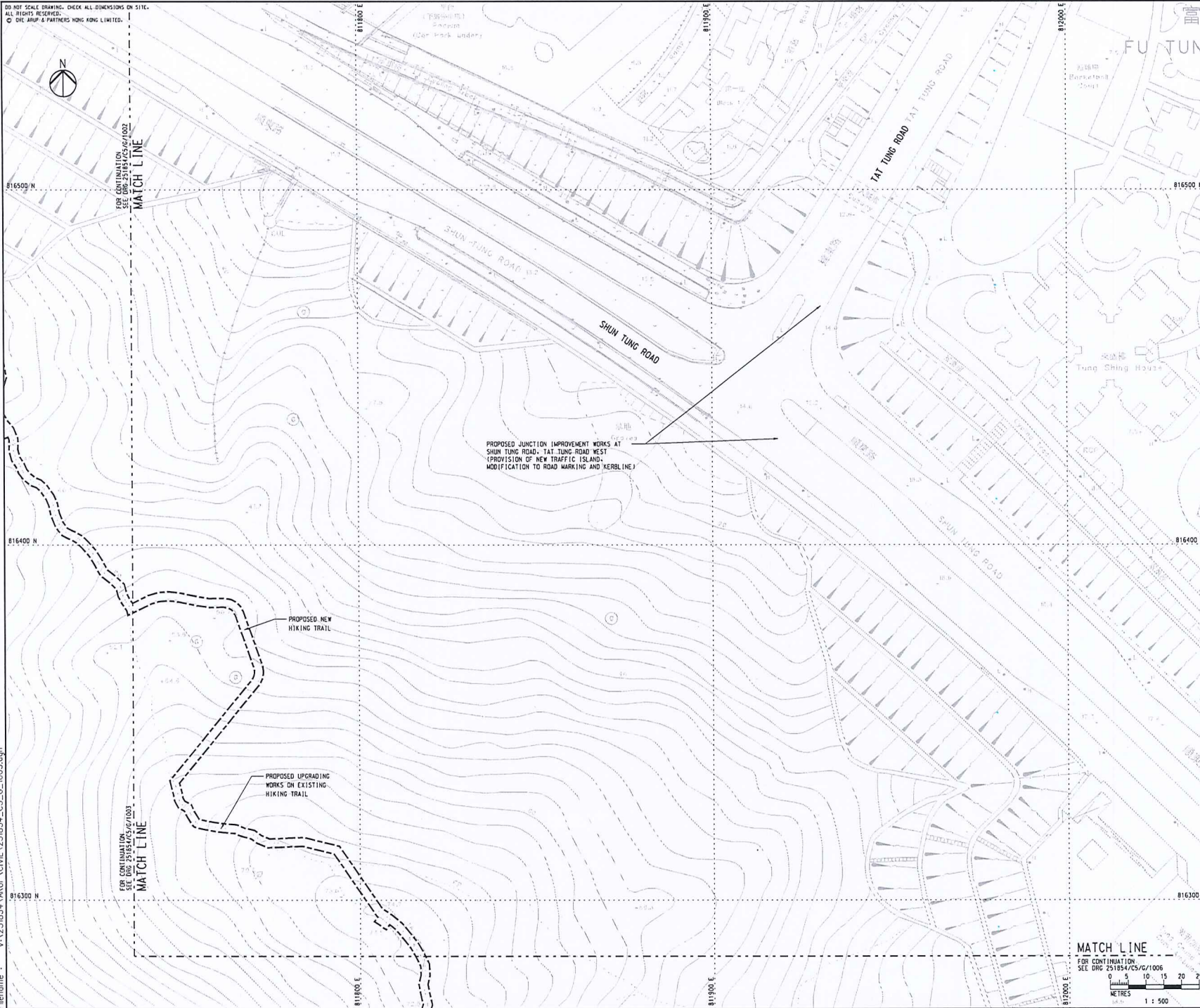
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PROPOSED JUNCTION IMPROVEMENT WORKS AT SHUN TUNG ROAD, TAT TUNG ROAD WEST (PROVISION OF NEW TRAFFIC ISLAND, MODIFICATION TO ROAD MARKING AND KERBLINE)

PROPOSED NEW HIKING TRAIL

PROPOSED UPGRADING WORKS ON EXISTING HIKING TRAIL

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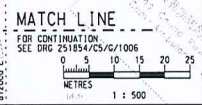
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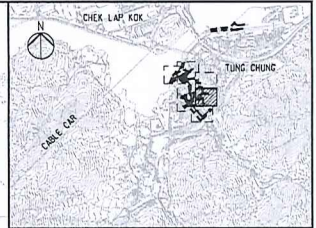
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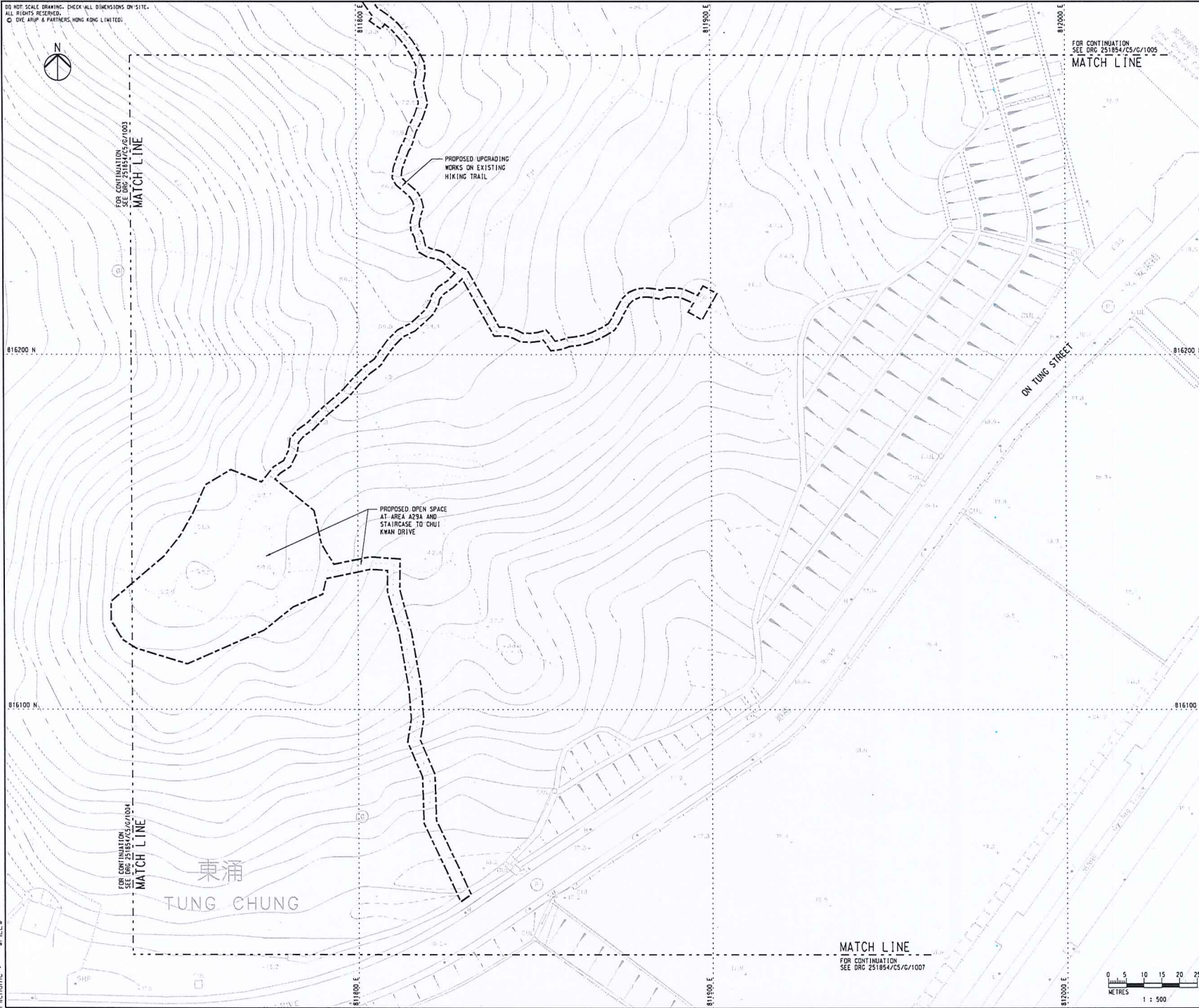
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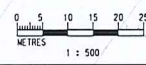
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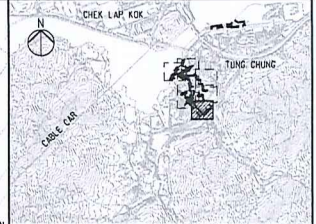


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東涌
 TUNG CHUNG

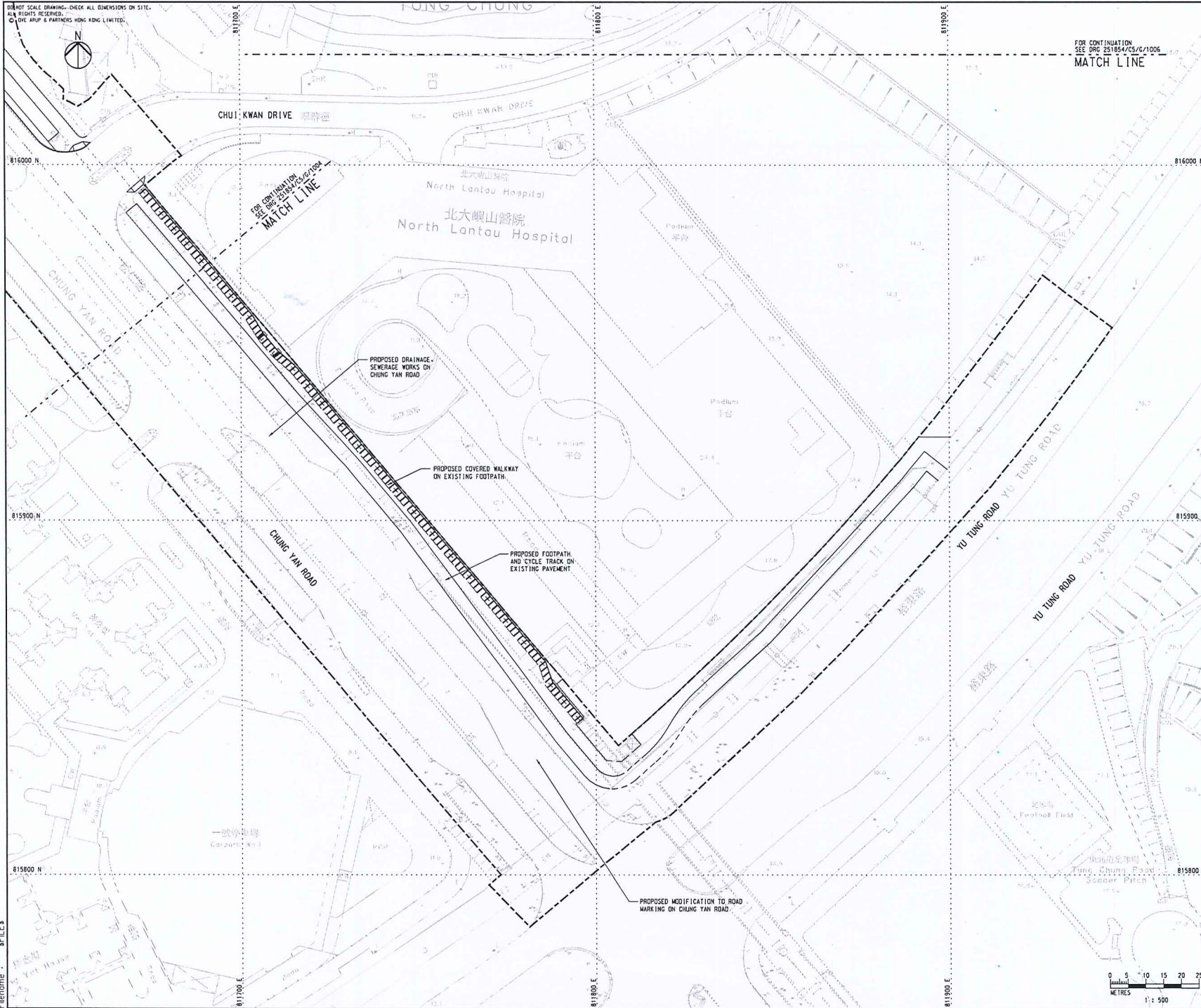
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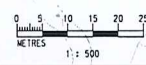
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Attachment II

Construction Works Schedule and Location Plans for

Contract No. NL/2020/06

Tung Chung New Town Extension –

**Site Formation and Infrastructure Works at Tung Chung Valley,
Phase 1**





Civil Engineering and Development Department
The Government of the Hong Kong Special Administrative Region

CONSTRUCTION WORKS SCHEDULE AND LOCATION PLAN

Document No. CREC/CWSLP/08

(Pursuant to the Environmental Permit - No. EP-519/2016)

E	11/02/25		
Rev	Date	Prepared By Simon Mak Environmental Officer	Approved By Jeffrey Woo Project Manager

CONSTRUCTION WORKS SCHEDULE AND LOCATION PLAN REV. E

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1 INTRODUCTION

The plan is prepared by China Railway Engineering Group Limited (known as CREC) in accordance with the Condition 2.12 of the Environmental Permit No. EP-519/2016 dated 09/08/2016.

1.1 PROJECT BACKGROUND

The development of Tung Chung New Town Extension (TCNTE), comprising Tung Chung East (TCE) and Tung Chung West (TCW), is a mega-scale and complex project aiming to provide land to meet the future housing economic and social development needs of Hong Kong. Due to the fact that the proposed works are geographically separated, the implementation of mega-scale Project is divided into two packages, namely TCE and TCW respectively. In accordance with the tight delivery programme, the Project will be implemented in phases under separate contracts for the developments of TCE and TCW.

1.2 SCOPE OF WORKS

The works to be executed under the Contract NL/2020/06 involve site formation and infrastructure works at Tung Chung Valley under Tung Chung New Town Extension, as described below:

- (a) Site clearance (including, but not limited to, the demolition of the existing building structures);
- (b) Site formation works for Area 42 and Area 46 with associated geotechnical works;
- (c) Improvement works for Chung Mun Road and Shek Mun Kap Road with associated infrastructural and geotechnical works;
- (d) Provision of infrastructural works at Yu Tung Road;
- (e) Construction of Road L29 and Road L30 with associated infrastructural and geotechnical works;
- (f) Provision of attenuation & treatment ponds;
- (g) Provision of a Common Utility Trough and box culvert along Road L29;
- (h) Provision of Pumping Stations;
- (i) Construction of a proposed River Park with Visitor Centre, footbridge across river and other associated facilities;
- (j) Provision of roadside Sustainable Urban Drainage System (SUDS) features;
- (k) River de-channelization works;
- (l) Construction of noise barriers;

CONSTRUCTION WORKS SCHEDULE AND LOCATION PLAN REV. E

- (m) Woodland Compensation;
- (n) Associated landscaping works;
- (o) Tree felling, transplanting and compensatory planting works;
- (p) Ground investigation, geotechnical and building instrumentation monitoring works;
and
- (q) Other works which are shown on the Drawings or specified in the Specifications.

1.3 IMPLEMENTATION PROGRAMME

The implementation programme will follow the construction works schedule referred in **Appendix A** and the location plan is shown in **Appendix B**.

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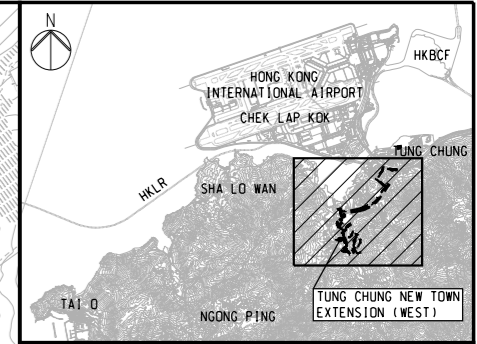
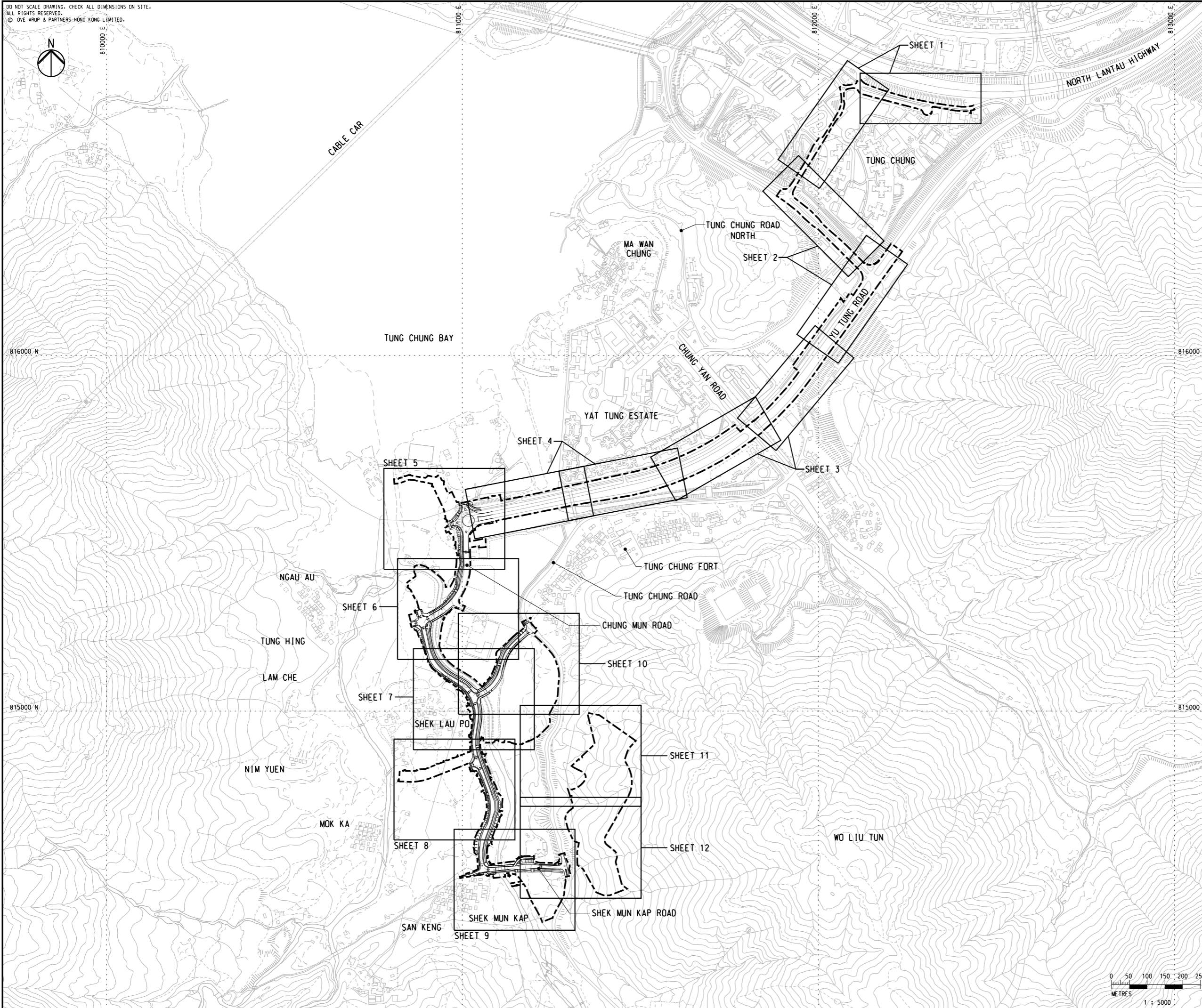
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Appendix A – Construction Works Schedule

CONSTRUCTION WORKS SCHEDULE AND LOCATION PLAN REV. E

Appendix B – Site Location Plan

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LOCATION PLAN

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 - - - - - WORKS LIMIT

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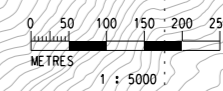
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OVERALL LAYOUT PLAN

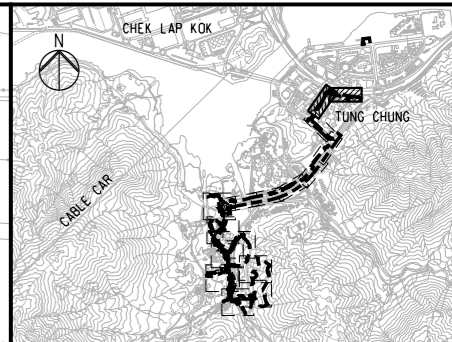
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KEY PLAN

NOTES

1. ALL LEVELS ARE IN METRES AND REFER TO PRINCIPAL DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
3. ALL COORDINATES ARE IN ACCORDANCE WITH HK (1980) COORDINATES SYSTEM.
4. DETAILS INCLUDING DIMENSIONS, LEVELS, DESCRIPTIONS, LOCATIONS, ETC. GIVEN FOR EXISTING ROADS, FOOTPATH, BRIDGE STRUCTURES ARE INDICATIVE ONLY. THE CONTRACTOR SHALL VERIFY THE ACTUAL EXISTING DETAILS ON SITE.

LEGEND

- WORKS LIMIT
- RW-01 PROPOSED RETAINING WALL
- PROPOSED CUT SLOPE
- PROPOSED FILL SLOPE
- PROPOSED RUN-IN. REFER TO HYD STANDARD DRAWING NOS. H1113 AND H1114
- PROPOSED STAIRCASE
- PROPOSED CYCLING PARKING. REFER TO DRAWING NO. 251854/C6/RD/1303

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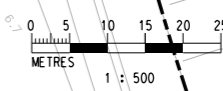
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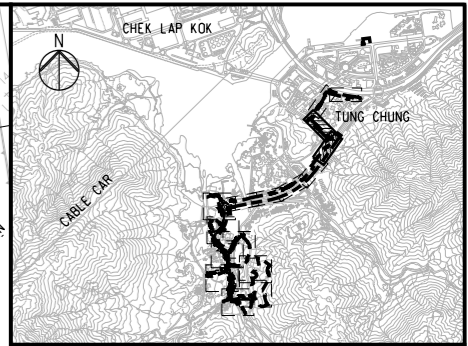
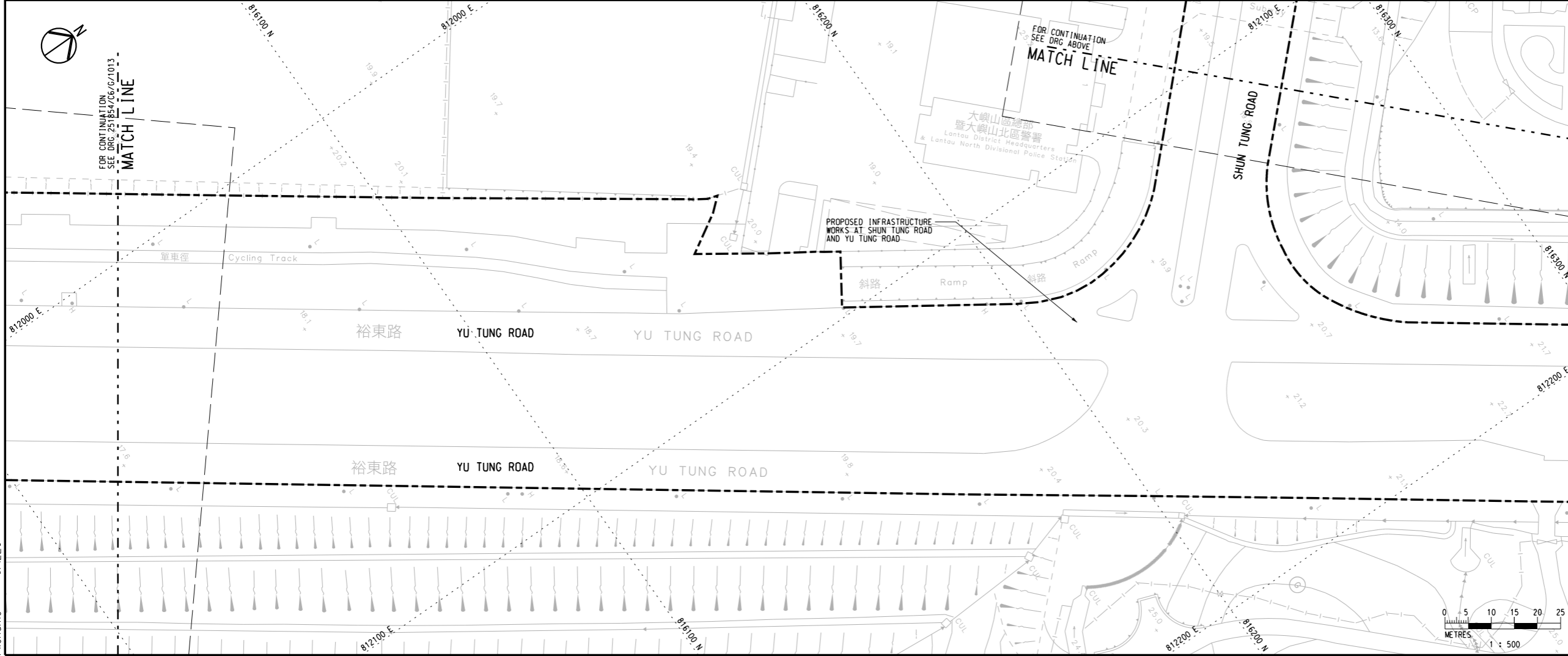
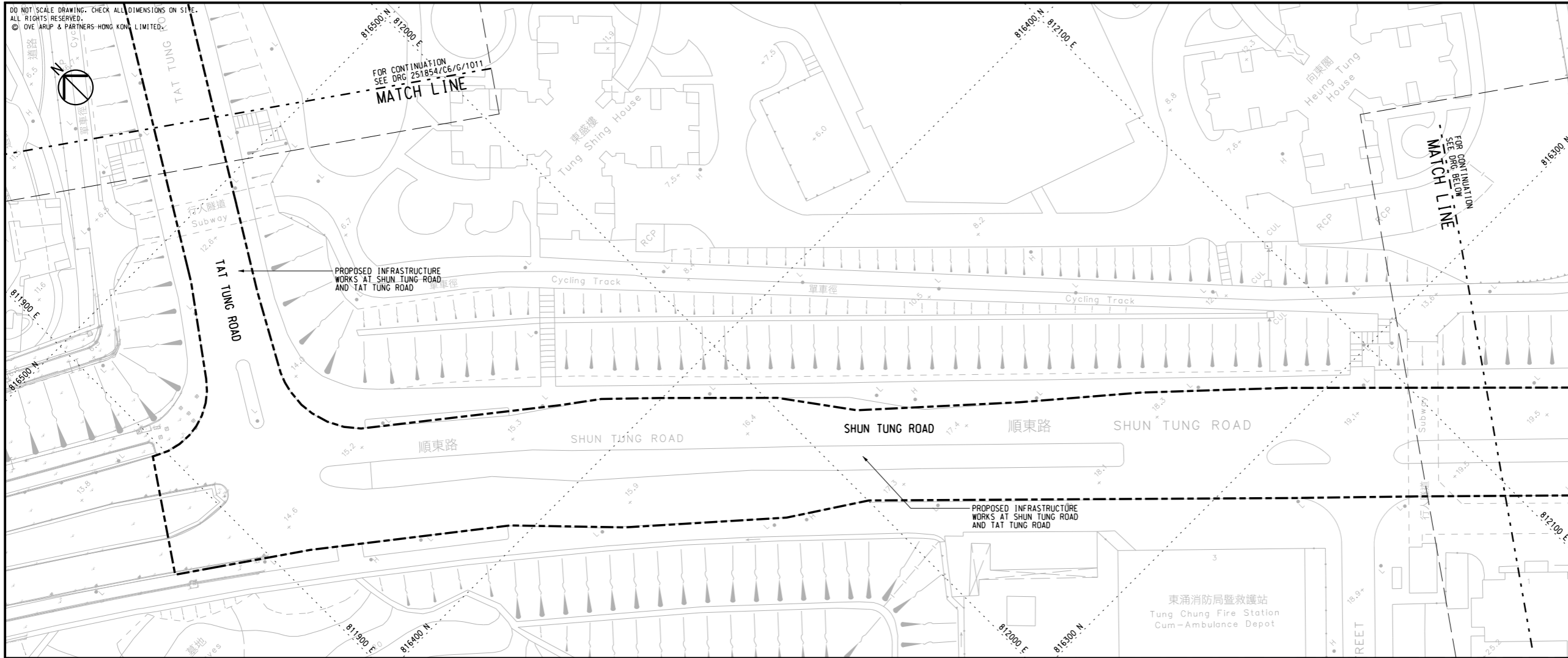
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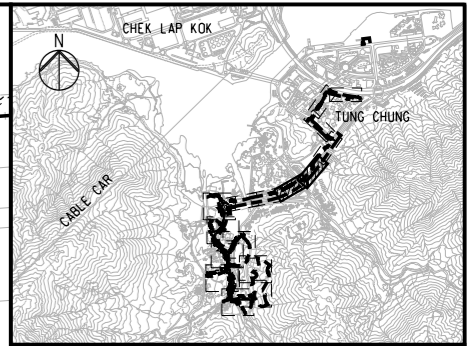


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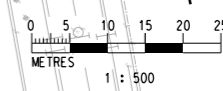
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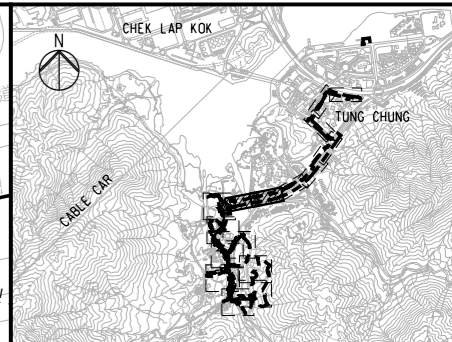
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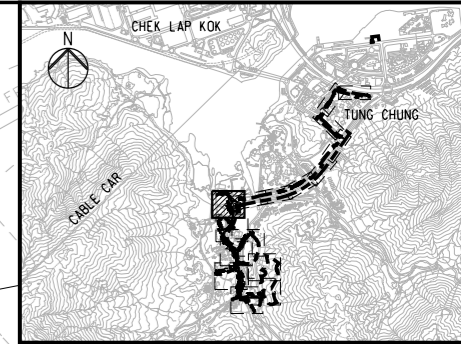
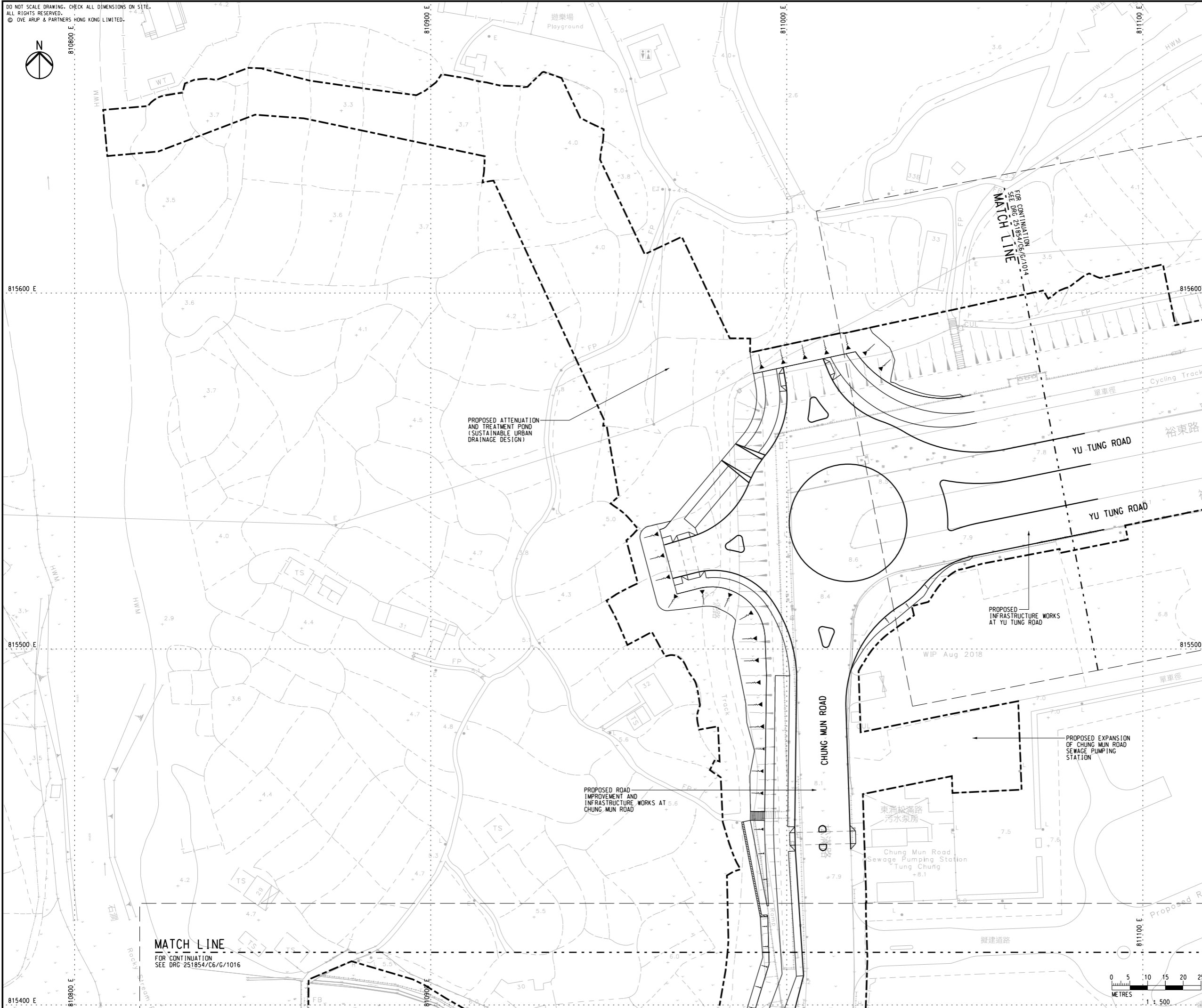
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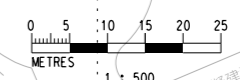
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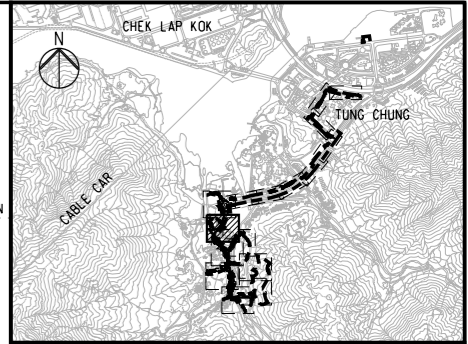
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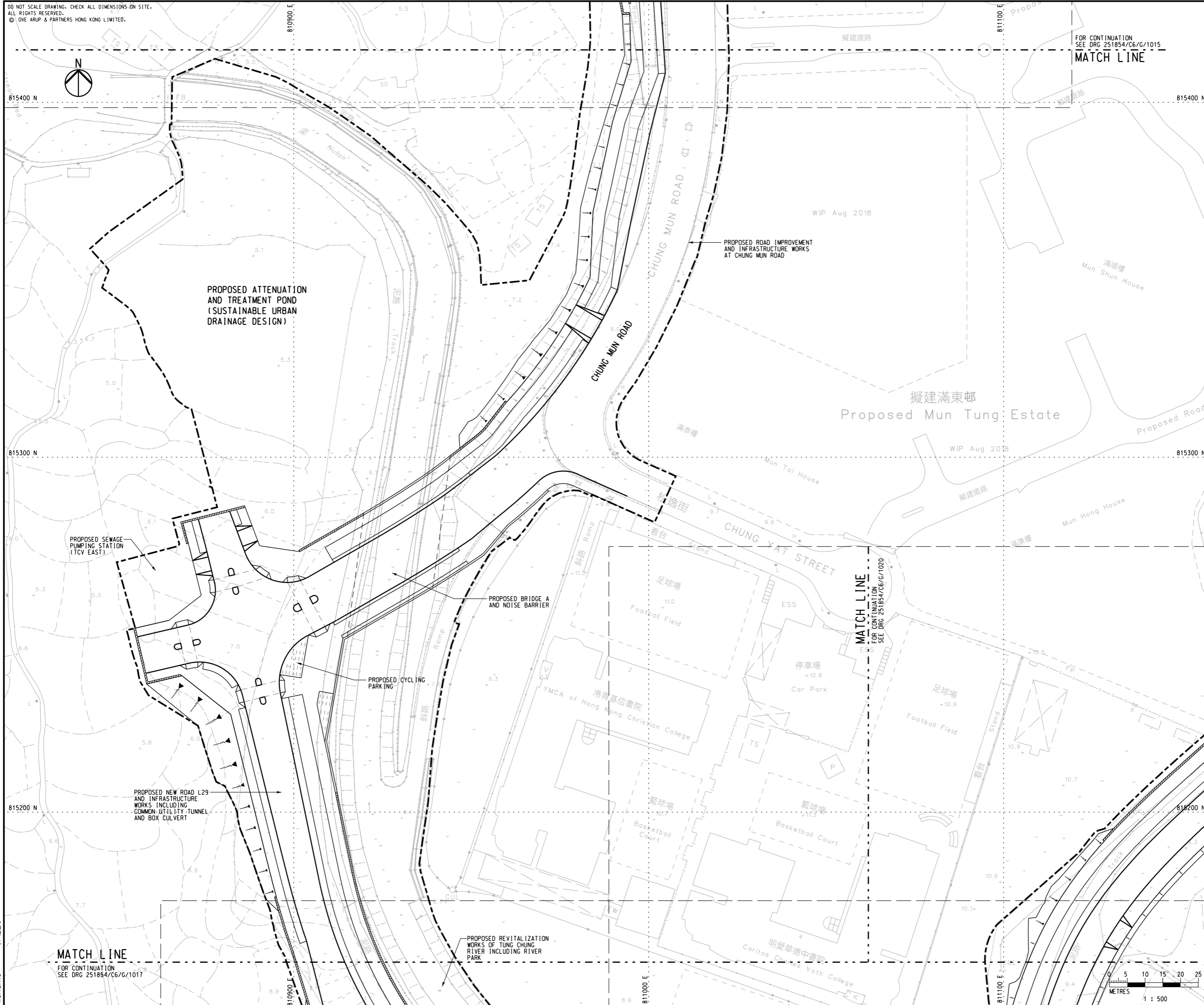
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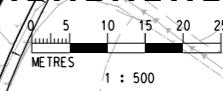
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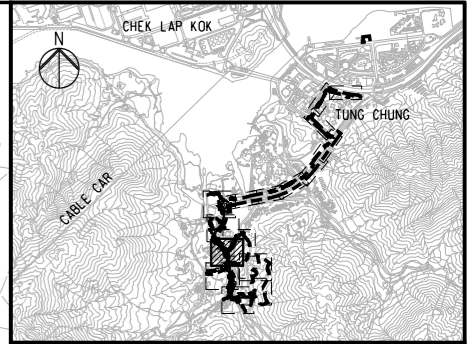
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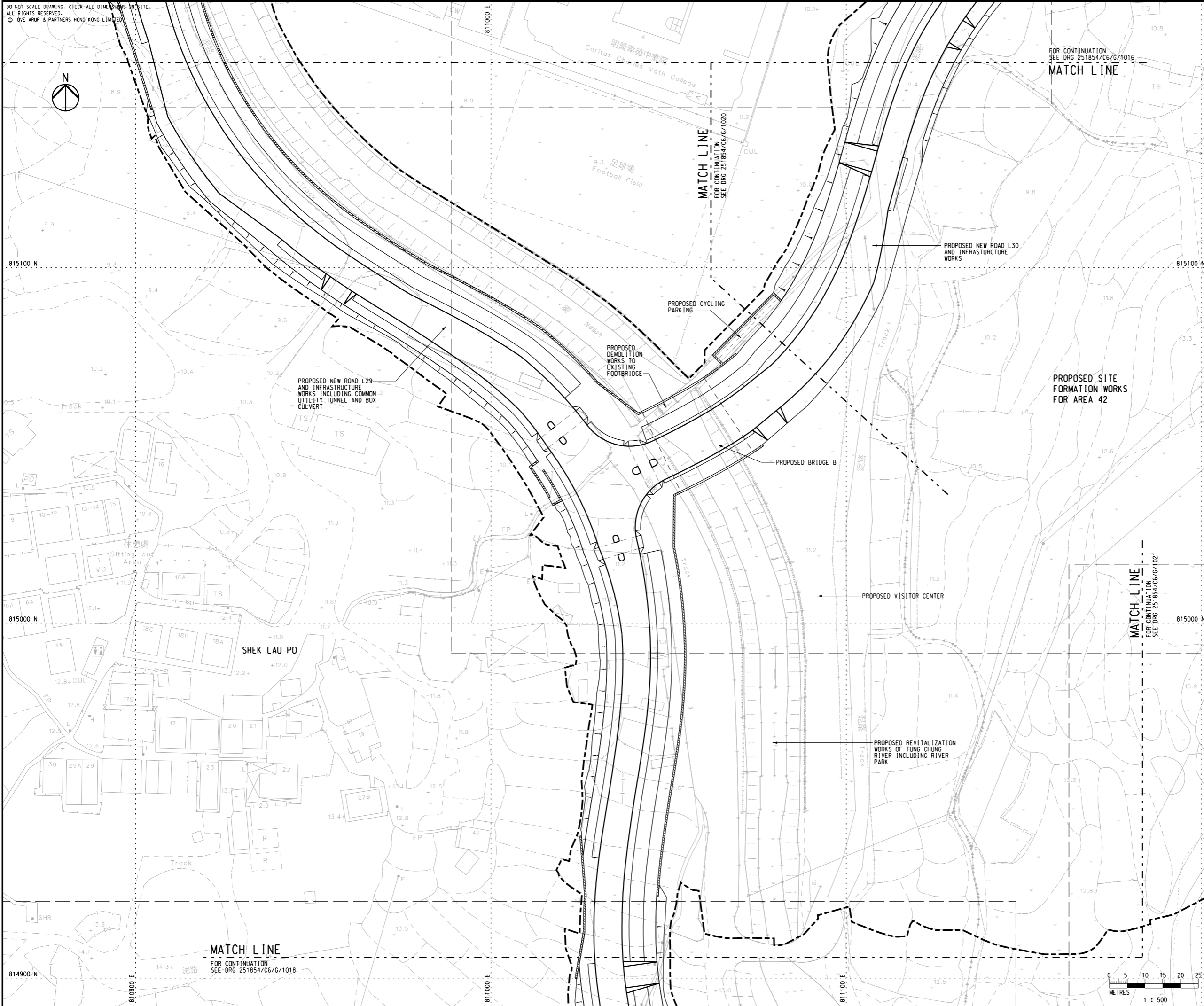
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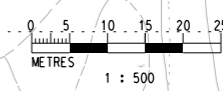
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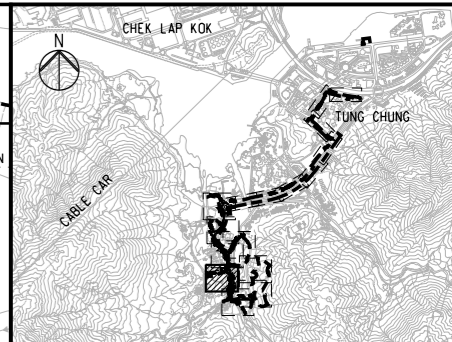
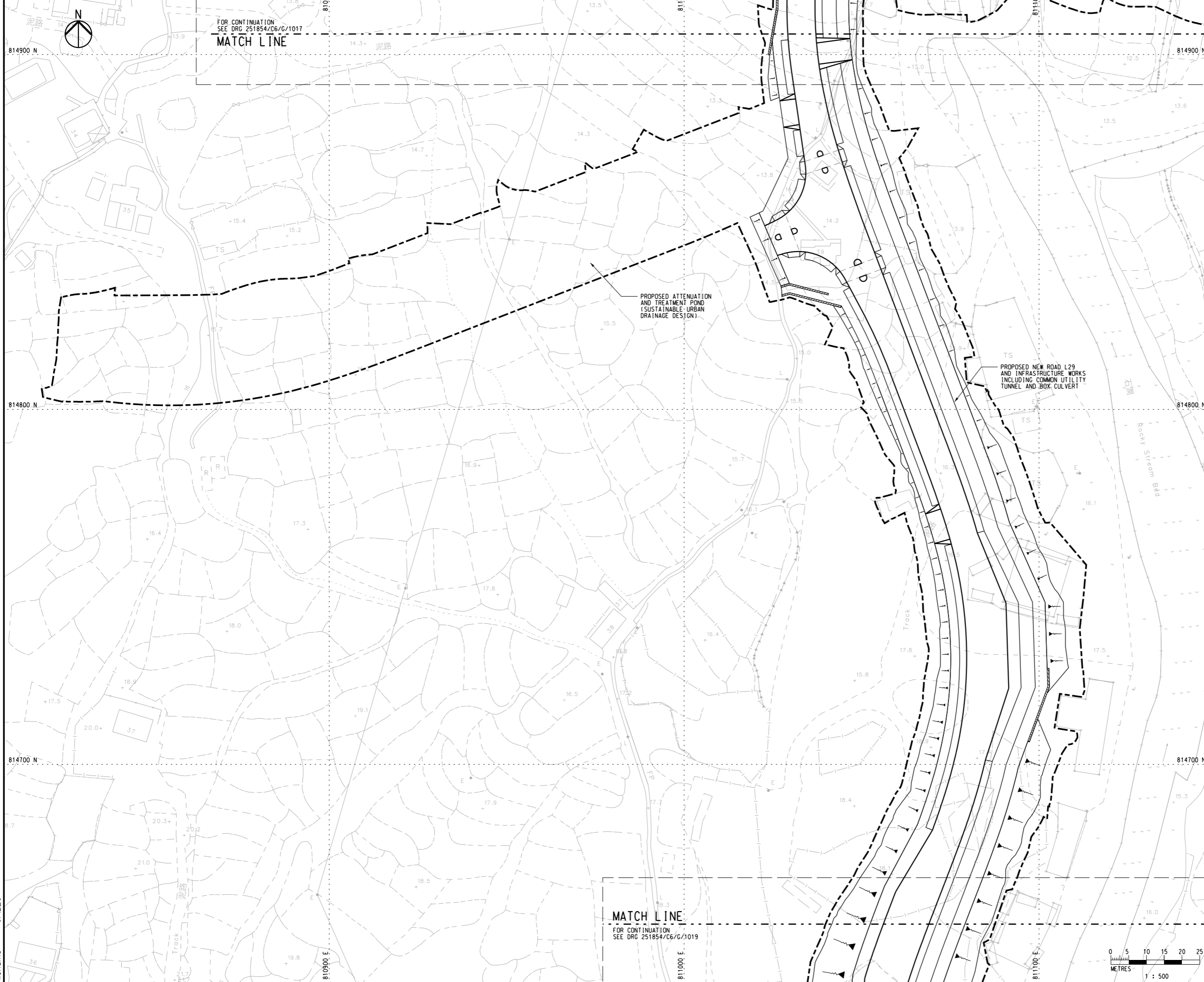


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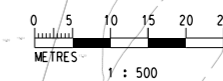
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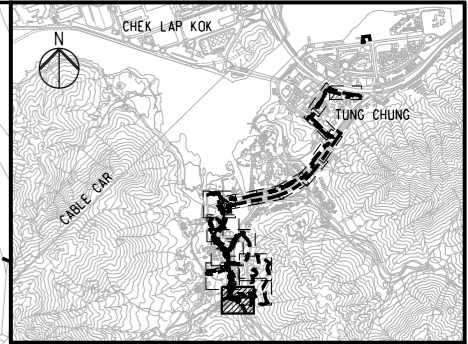


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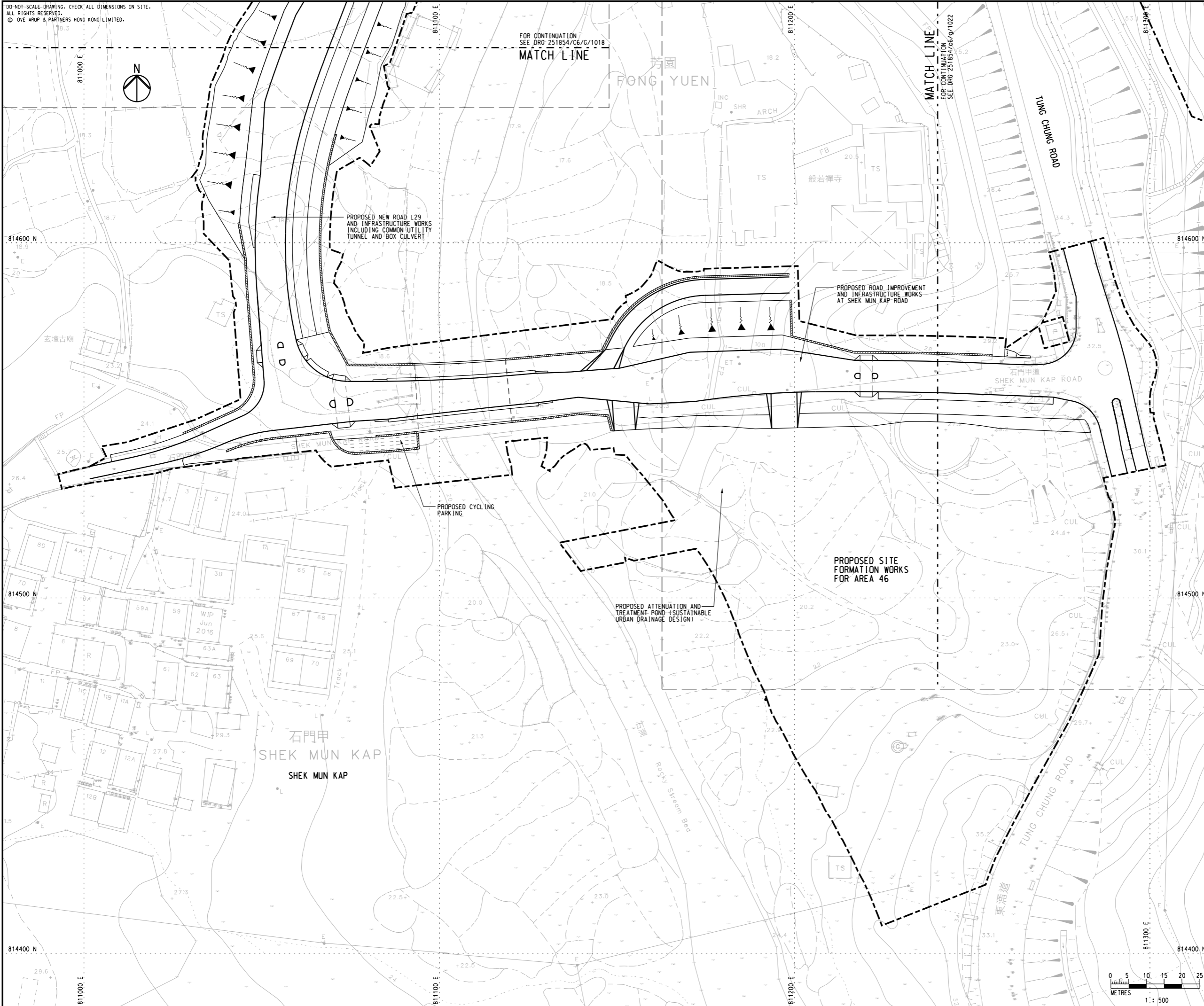
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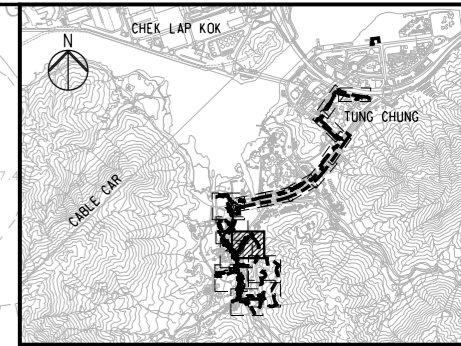
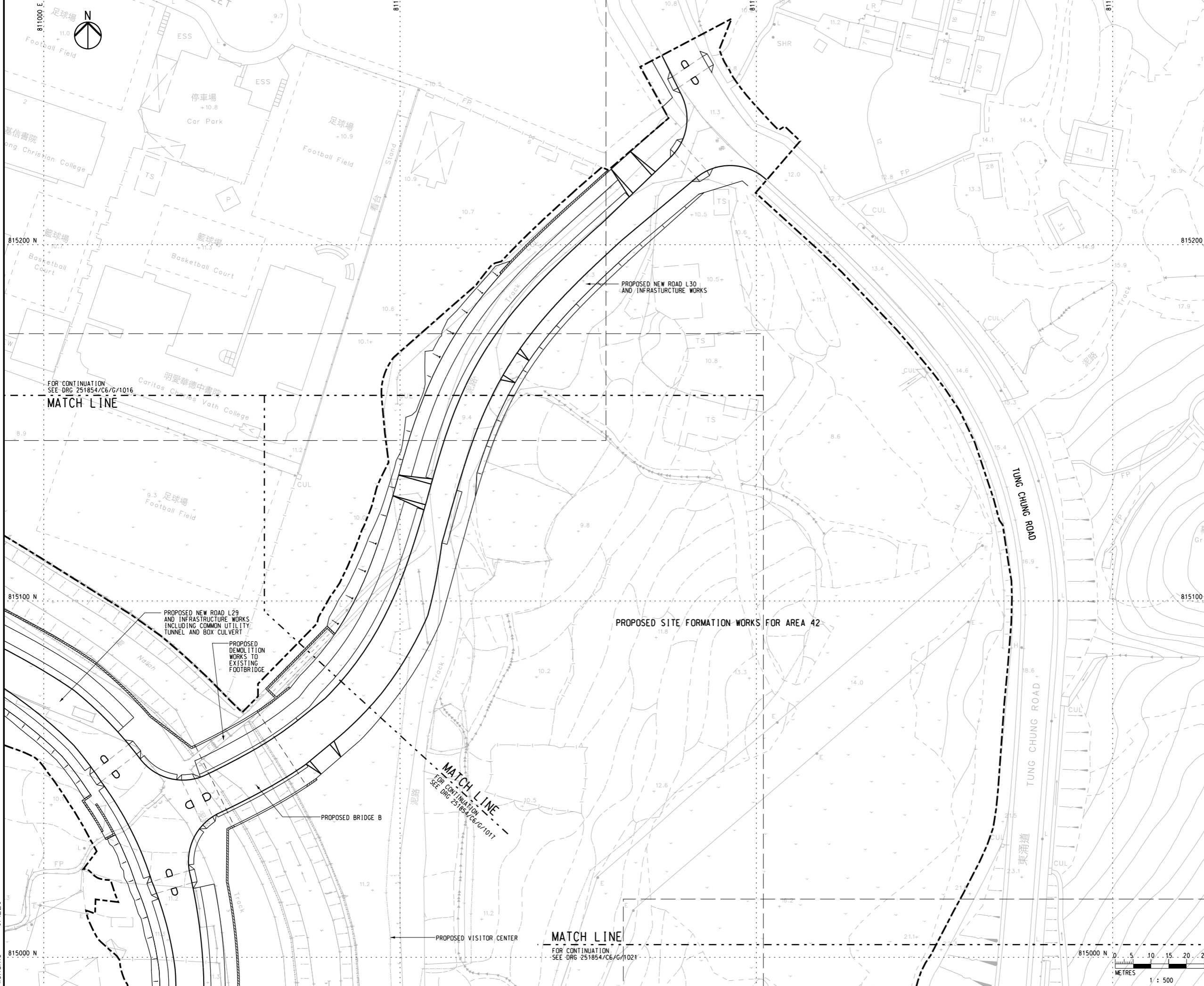
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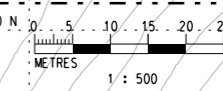
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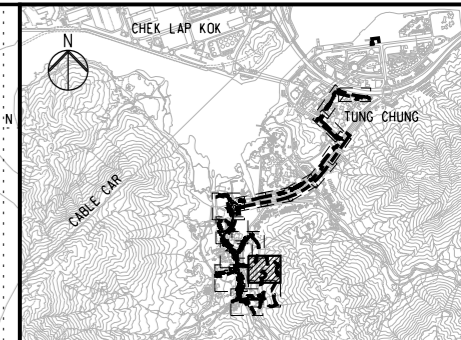


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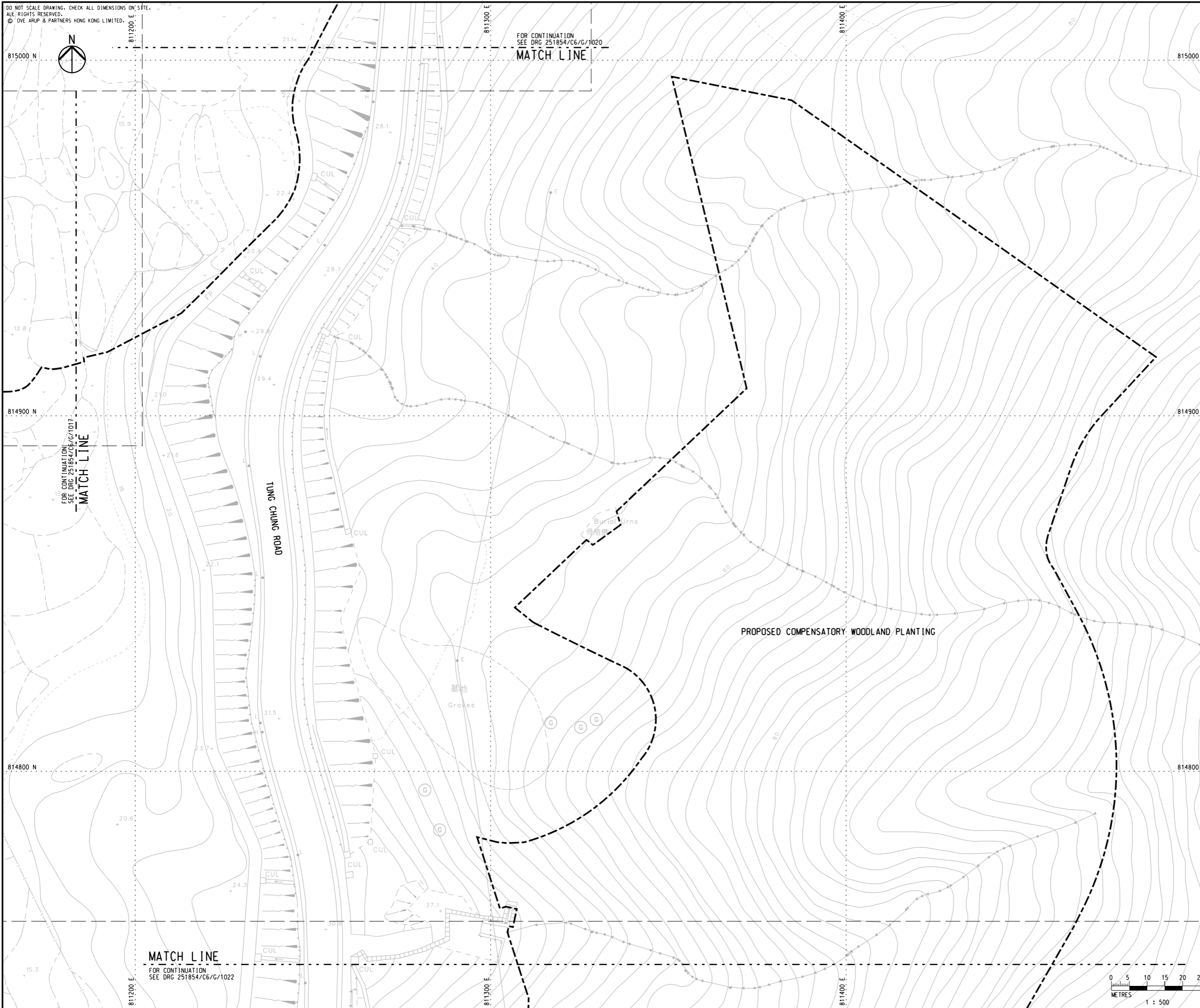
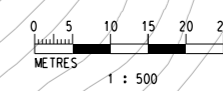
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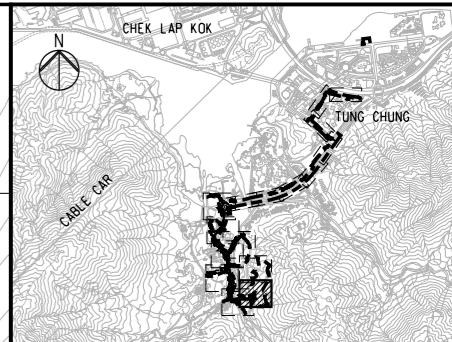


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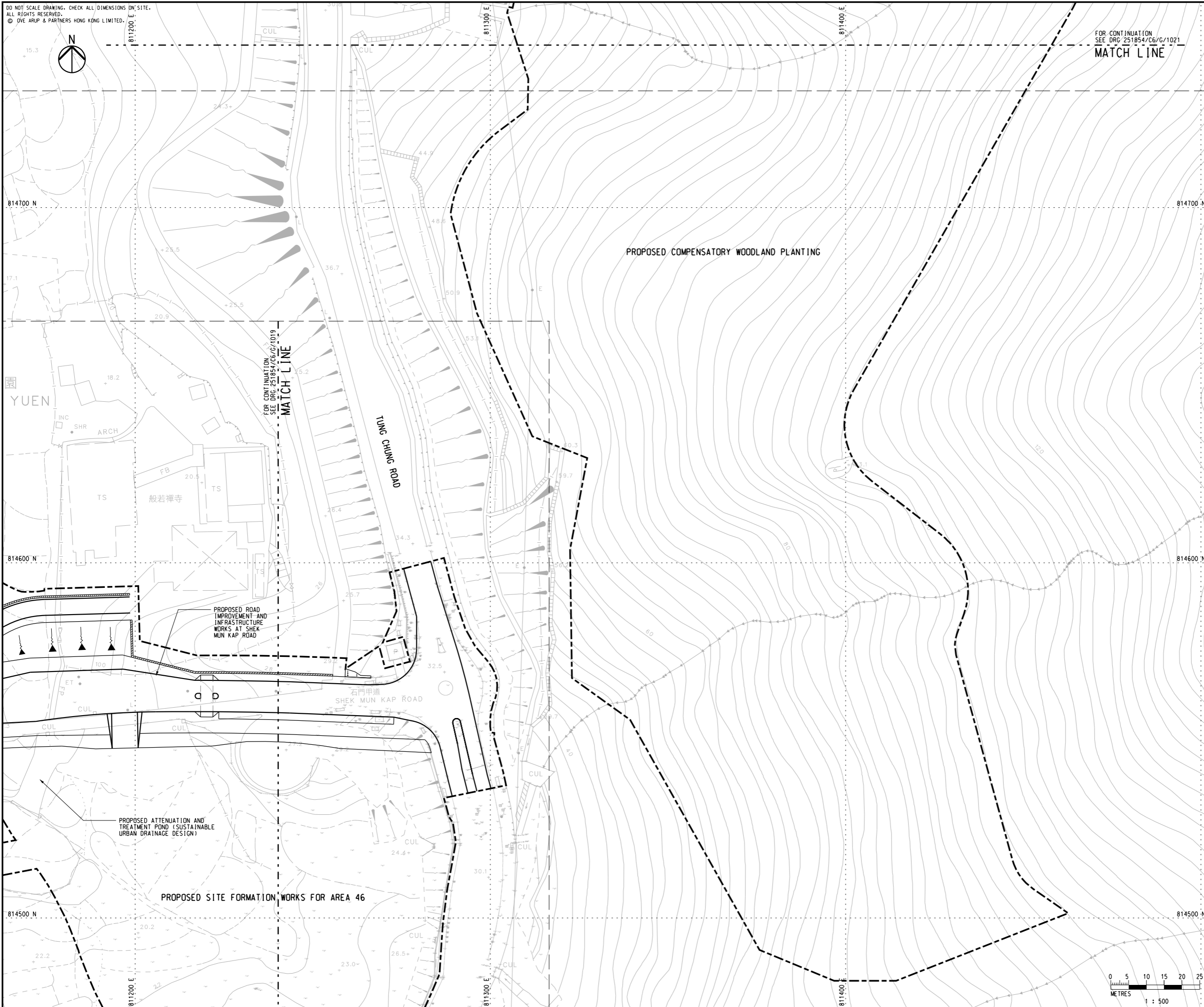
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