

**Geotechnical Planning Review Report  
for  
Proposed Temporary Place of Recreation, Sports or  
Culture (Hobby Farm) with  
Ancillary Facilities and Associated Filling of Land  
for a Period of 5 Years  
at Lots 86, 90, 91(Part), 92(Part), 103(Part),  
147(Part), 148 S.A(Part), 148 S.B(Part),  
149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572  
S.A(Part) and 572 S.B (Part), 572 RP (Part) and  
576(Part) in D.D.16,  
Lam Tsuen, Tai Po, New Territories**

**January 2026**

***Philip So & Associates Consulting Civil & Geotechnical Engineers Ltd.***

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- Appendix D    Extraction of Previous GI Records
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## 1. INTRODUCTION

Philip So & Associates Ltd. was appointed to carry out Geotechnical Planning Review Report (GPRR) for the application for proposed temporary place of recreation, sports or culture (hobby farm) with ancillary facilities and associated filling of land for a period of 5 years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part), 572 S.B(Part), 572 RP(Part) and 576(Part) in D.D.16 at Lam Tsuen, Tai Po, New Territories.

This GPRR is made based on desk study and review of available documentary information and proposed development plan. The geology and site conditions are described. Potential geotechnical constraints are identified in the assessment.

## 2. THE SITE AND NEARBY MAN-MADE SLOPE FEATURES

The site is at a relatively flat ground at Lam Tsuen, Tai Po. Site photos taken in June 2025 are presented in Appendix A (see Photos A to T). General view of the Site and the proposed structure is shown on Photo A, B, C, D and E. The location plan and the aerial view of the Site is presented in Figures 1 and 2, respectively.

According to the available SIMAR reports retrieved from Lands Department and SIS records obtained from Geotechnical Engineering Office (GEO), there are 5 nos. of registered geotechnical features lies within or in the vicinity of the site (see Figure 3). The features and the responsible lot/party are tabulated below:

Feature No.	Sub-division No.	Responsible Lot/Party
7NW-A/C93 (Photo F)	1	DD16 Lot572
7NW-A/C92 (Photo G)	1	Lands Department
7NW-A/CR95 (Photo H)	1	DD16 LOT124
	2	DD16 LOT572
7NW-A/C96 (Photo I)	1	DD16 Lot572
7NW-A/R14 (Photo J)	1	DD16 Lot572

A copy of the SIMAR reports and slope records are enclosed in Appendix B and C, respectively. The location of the above captioned features is also presented in Figure 3.

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### **3. DESK STUDY**

Desk study has been carried out to search and review the existing building records, previous ground investigation data and geotechnical study reports kept by the Geotechnical Information Unit (GIU) of Geotechnical Engineering Office (GEO) and the Buildings Department (BD).

#### **3.1 Geological Maps**

The geology of the Site is shown on the Hong Kong Geological Survey (HKGS) Map Sheet 7 (Sha Tin), 2<sup>nd</sup> edition, 1:20,000-scale HGM20 series. The local geology of the Site is presented in Figure 4 and described below.

##### **3.1.1 Solid Geology**

The 1:20,000 scale geological maps indicated the Site is underlain by lapilli lithic-bearing coarse ash crystal Tuff (Jts\_cat) of the Shing Mun Formation under the Tsuen Wan Volcanic Group in Middle Jurassic.

##### **3.1.2 Superficial Geology**

Pleistocene Alluvium (Qca) and Colluvium (Qcd) of Chek Lap Kok Formation have been recorded within and in the vicinity of Site.

##### **3.1.3 Structural Geology**

Two faults have been recorded within and in the vicinity of the Site. A NE-SW trending fault has been recorded across the Site and another NW-SE trending fault has been recorded 55m to the northeast of the Site.

#### **3.2 Enhanced Natural Terrain Landslide Inventory**

In 1995, the GEO compiled the Natural Terrain Landslide Inventory (NTLI) from an interpretation of high-altitude (8,000ft and above) aerial photographs dated from 1945 to 1994 (King, 1999). In 2007, the GEO produced an Enhanced Natural Terrain Landslide Inventory (ENTLI) using low-altitude (8,000ft and below) aerial photographs to update the NTLI.

In accordance with GEO Report No. 138 (GEO, 2016), landslides are classed as either “Relict” or “Recent”, depending on their appearance in aerial photographs. “Relict” landslides are defined as those where the main scarp is well-defined but vegetation has re-established on the scar on the earliest set of available aerial photographs. “Recent” landslides are defined as having occurred within the timespan of the aerial photograph coverage. These are typically identified as having a light tone on the aerial photographs and are bare of vegetation.

No ENTLI has been recorded within and in the vicinity of the Site.

### 3.3 Historical Landslide Catchment (HLC) Inventory

Historical Landslide Catchments (HLCs) have been defined by GEO based on the results of the ENTLI. Thus, no HLC has been recorded within and in the vicinity of the Site.

### 3.4 Reported Landslide Incidents

No landslide incident record has been recorded within the Site. However, one minor landslide incident has been reported at about 64m to the west of the Site. It involved a minor washout of about 3.0m<sup>3</sup> from the upper portion of the registered man-made cut-slope.

GCO/GEO Incident No.	Report Date	Location of Failure	Approx. Failure Volume (m <sup>3</sup> )	Possible Cause of Failure
2008/07/0704 (about 64m to the west of the Site)	2008/07/10	7NW-A/C97	3.0	Washout

The location of the landslide incident is presented in Figure 5.

### 3.5 Relevant Previous Ground Investigation Works

No previous ground investigation has been taken place within the Site. The previous ground investigation report adjacent to the Site has been retrieved and summarized below:

GIU Report No.	GI Station Nos:	Report Title	GI Stations related to Feature No.
35224	DH/08/01, SS/08/01, CH/08/1, TP/08/1, TP/08/2	House No.16, Ngau Kwu Leng New Village, Ngau Kwa Leng, Tai Po, N.T. Feature No. 7NW-A/C92	7NW-A/C92

The details of previous ground investigation logs are presented in Appendix D and the locations of the previous GI is shown in Figure 6.

### 3.6 DH Orders

DH Order relevant to the man-made features in the vicinity of the Site are summarized below:

Feature No.	Case Ref.	Issue Date	DH Order No.
7NW-A/CR95	ME0924	06/01/2023	DH0001/NT/23/C
	ME0924	03/01/2025	DH0001/NT/25/C
	ME0924	12/04/2018	DH0019/NT/18/C
	ME0925	06/01/2023	DH0002/NT/23/C
	ME0925	03/01/2025	DH0002/NT/25/C
	ME0925	12/04/2018	DH0020/NT/18/C

### 3.7 Stage 2 Studies

The Stage 2 Studies carried out for the features in the vicinity of the Site are summarized below:

Stage 2 Report No.	Feature No.	Prepared in	Result
S2R059/2016	7NW-A/CR95	September 2016	DH Order

### 3.8 Stage 3 Studies

The Stage 3 Studies carried out for the features in the vicinity of the Site are summarized below:

Stage 3 Report No.	Feature No.	Slope Upgrading Works	Checking Certificate No	Maintenance Manual
S3R094/2002	7NW-A/C92	Skin wall and soil nails	GEO/LPM012/2003	MM 018/2003

## 4. IMPACTS OF PROPOSED WORKS ON EXISTING SLOPES/RETAINING WALLS & NATURAL HILLSIDE

### 4.1 Feature No. 7NW-A/C93

The registered man-made cut slope Feature no. 7NW-A/C93 is located at the south-western end of the Site adjacent to the Site boundary. According to the SIS record, the feature is about 40m long and 4.6m high with slope gradient ranging at about 61° to the horizontal and covered with masonry facing.

The general layouts of the proposed development are shown in the Plan 2 & Plan 3 in Appendix E. As shown in Plan 3 (P25001), the proposed hobby farm is mainly consisted of farming areas, 2 multi-function rooms, 1 meter room and several parking spaces. Construction of the proposed development is mainly based on the existing site condition with minor paving ground and re-cultivated lands. NO modification of any existing geotechnical features, such as cut slopes and retaining walls will be carried out. NO site formation works will be required for the construction of the proposed development.

Nevertheless, further assessment of whether the existing stability of the Feature No. 7NW-A/C93 may affect or being affected by the proposed development shall be carried out. Further detailed of the slope stability assessment will be covered in the next stage of the project, i.e. the geotechnical assessment report.

### 4.2 Existing Features at Site

10 unregistered small walls and cut slopes exist at the proposed Site location and in the vicinity of the Site (Photo K to Photo T). The details of these unregistered features are summarized below and the approximate locations of these features are shown in Figure 3.

Unregistered Feature No.	Type	Length (m)	Height (m)	Slope Gradient (°)	Remark from Site Observations
A (Photo K)	Rubble wall	27	1.55	85	No sign of distress

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 Geotechnical Planning Review Report

Revision 1

B (Photo L)	Rubble wall	21	0.65	90	Cracks and losing mortar
C (Photo M)	Rubble wall	26	1.10	90	No sign of distress
D (Photo N)	Soil cut slope	20	2.80	75	Bared surface
E (Photo O)	Rubble wall	29	2.10	80	Minor collapse of rubble wall
F (Photo P)	Masonry wall	35	2.20	85	No sign of distress
G (Photo Q)	Rubble and masonry wall	76	1.15	90	No sign of distress
H (Photo R)	Rubble wall	31	1.40	85	No sign of distress
I (Photo S)	Masonry wall	47	2.20	80	No sign of distress
J (Photo T)	Rubble wall	22	1.95	90	Cracks and losing mortar

These unregistered features A to J will be retained and these features may affect or being affected due to the proposed development. Given the overall individual height of the these features are less than 3.0m, the impact to the proposed development will be small, however, further detailed of the slope stability assessment with respect to these features shall be covered in the next stage of the project, i.e. the geotechnical assessment report.

## 5. CONCLUSION

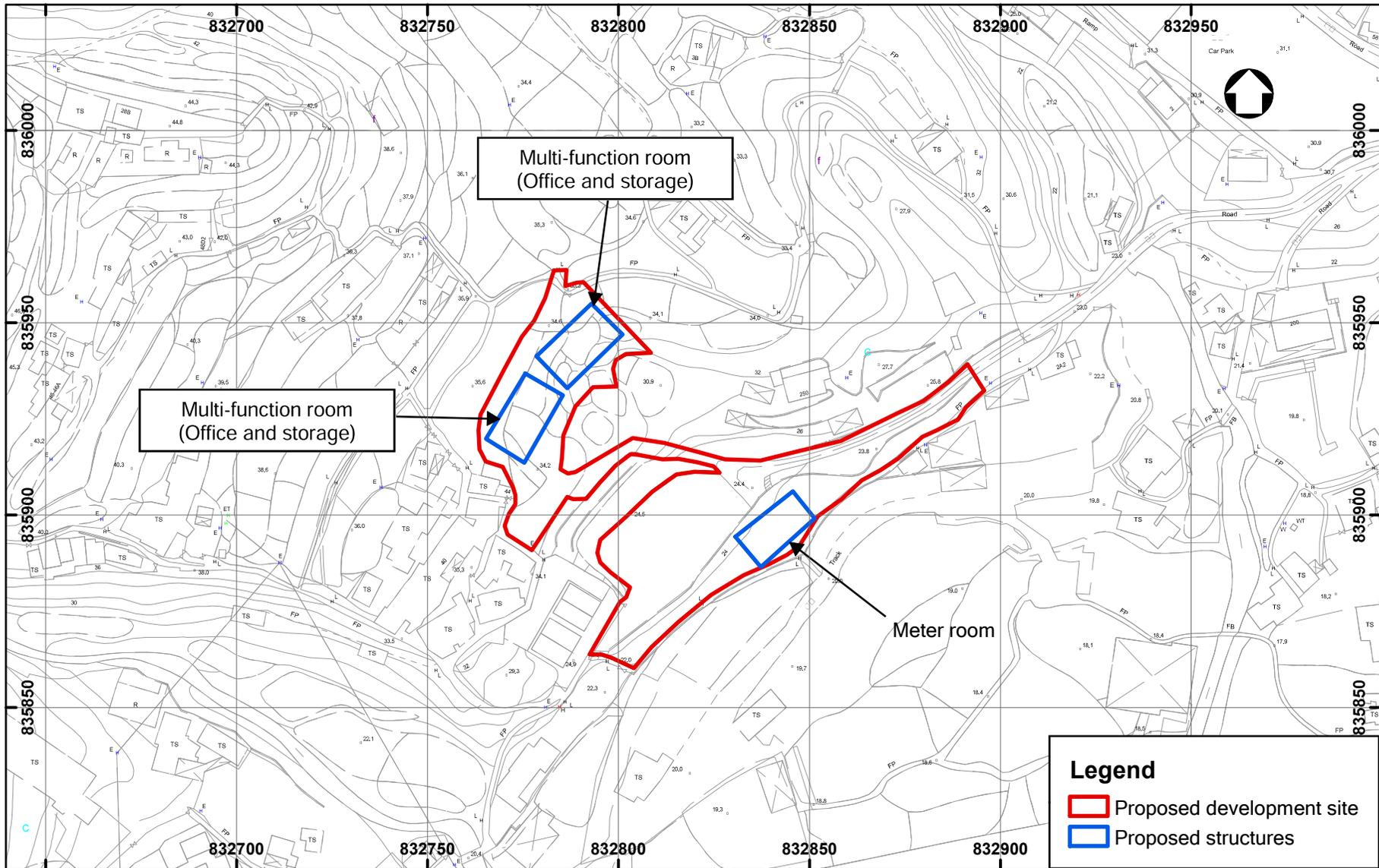
Based on the above discussion, it can be concluded that the proposed development is considered to be feasible from geotechnical point of view. The construction is unlikely posting particular problems to the surrounding area under careful planning, proper execution and vigilant supervision.

It is essential to search and review the background information of existing building, geotechnical features and underground services within and in the vicinity of the site. Site investigation is proposed to reveal/confirm the subsoils and the ground regime within and in the vicinity of the site as well as to determine the engineering properties of subsoils and rock as well as the groundwater level. The ground investigation field works should be preceded under supervision of suitably qualified engineers and technically competent persons conforming the requirements specified in the "Code of Practice for Site Supervision 2009" published by the BD.

For safety and cost effective, the foundation design and excavation planning as well as the design of geotechnical structure should be based on geological horizons inferred from the ground investigation results, groundwater table interpreted from the piezometer/standpipe monitoring records and geotechnical parameters determined and adopted by field and laboratory testing.

A comprehensive precautionary monitoring program including settlement markers, tiling, vibration check points as well as groundwater observation wells shall be implemented to ensure the foundation of existing buildings and substructure construction being carried out safety and soundly.

## FIGURES



**Legend**

- Proposed development site
- Proposed structures

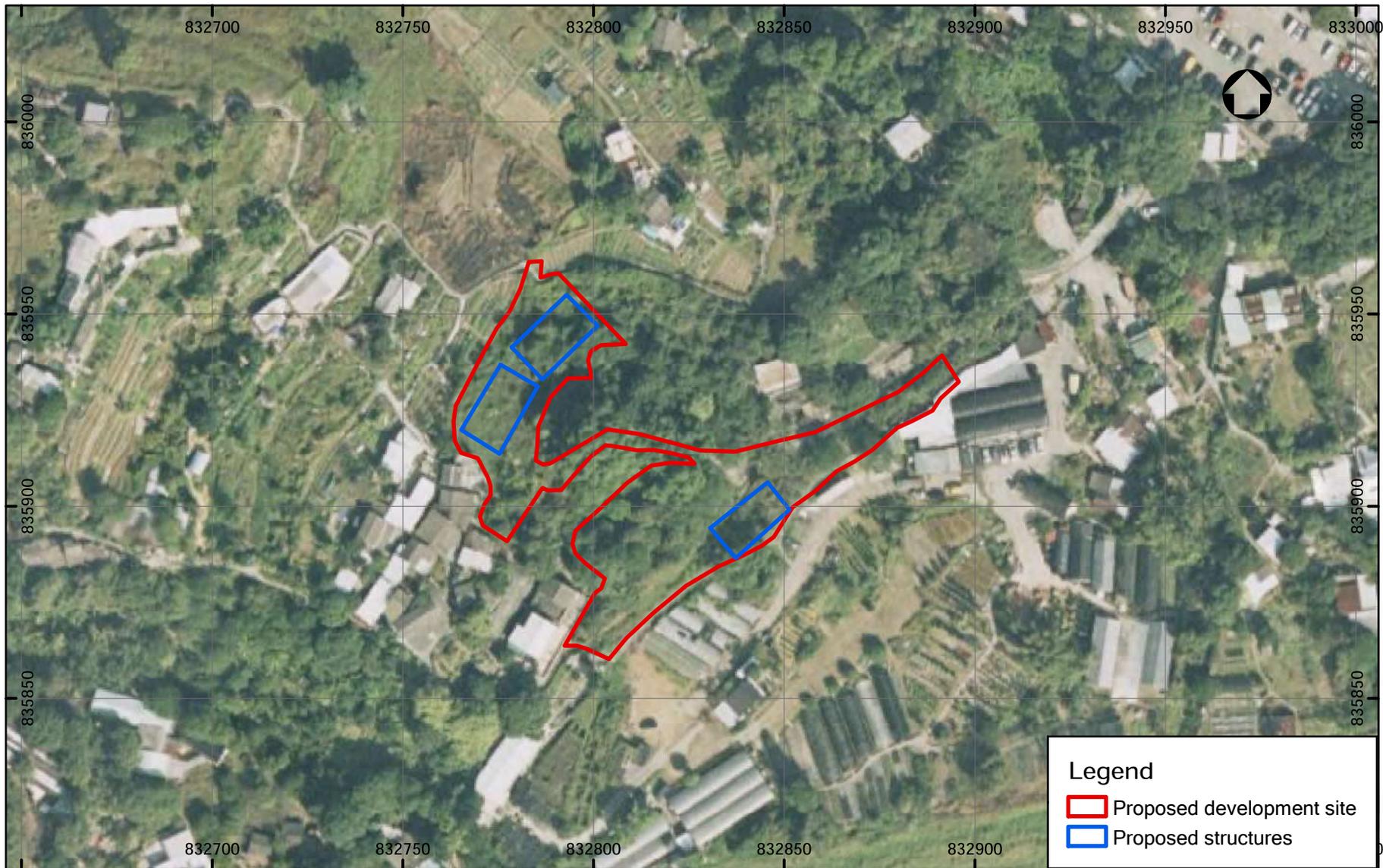
**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

**TITLE:** Location Plan of the Proposed Site

**SCALE:**  
1 : 1500

**Philip So & Associates Limited**  
In associaton with 

**FIGURE NO :**  
**FIGURE 1**



**Legend**

- Proposed development site
- Proposed structures

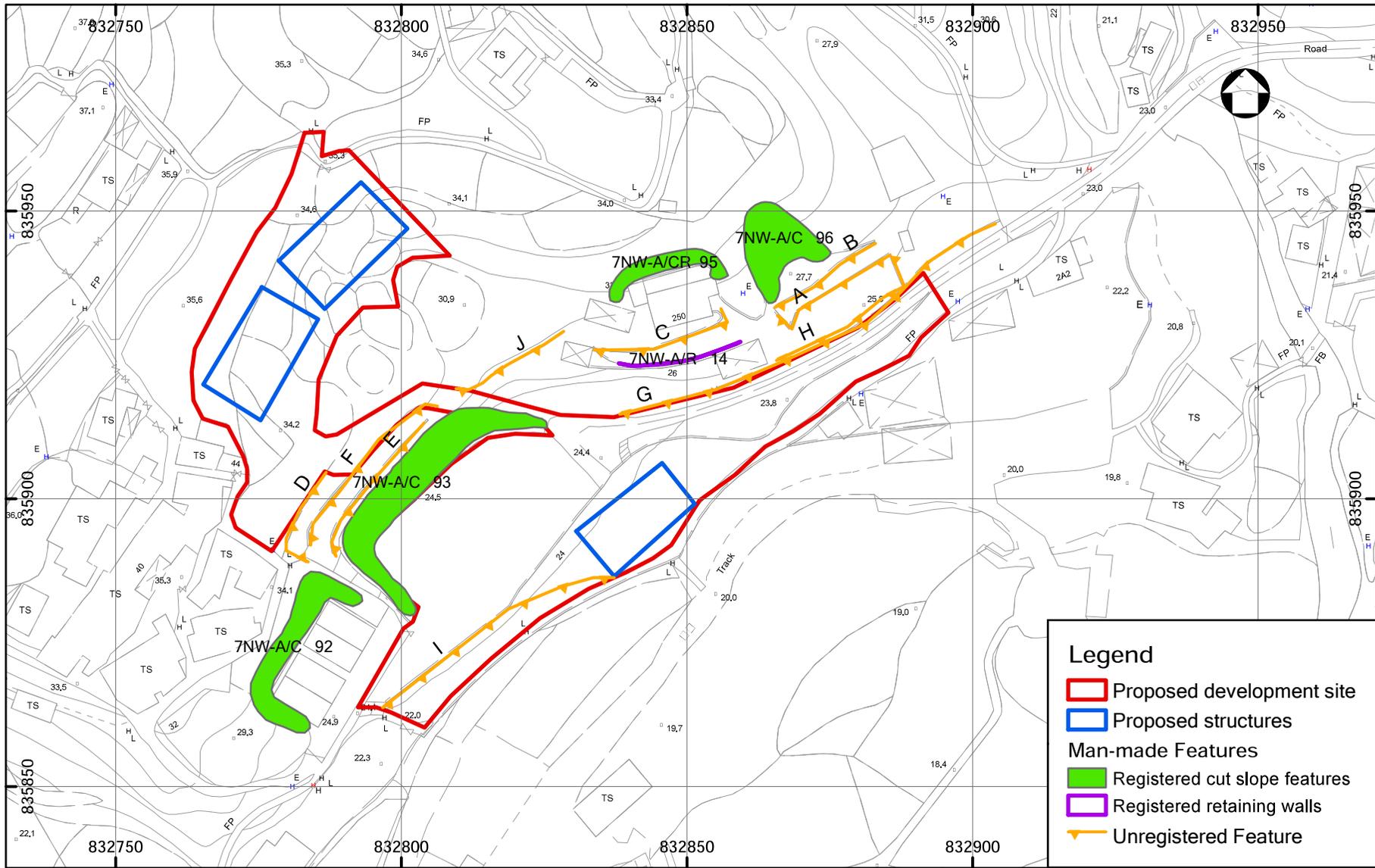
**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part),147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

**TITLE:** Aerial View of the Proposed Development Site

**SCALE:**  
1 : 1500

Philip So & Associates Limited  
In associaton with 

**FIGURE NO :**  
**FIGURE 2**



**Legend**

- Proposed development site
- Proposed structures
- Man-made Features**
- Registered cut slope features
- Registered retaining walls
- Unregistered Feature

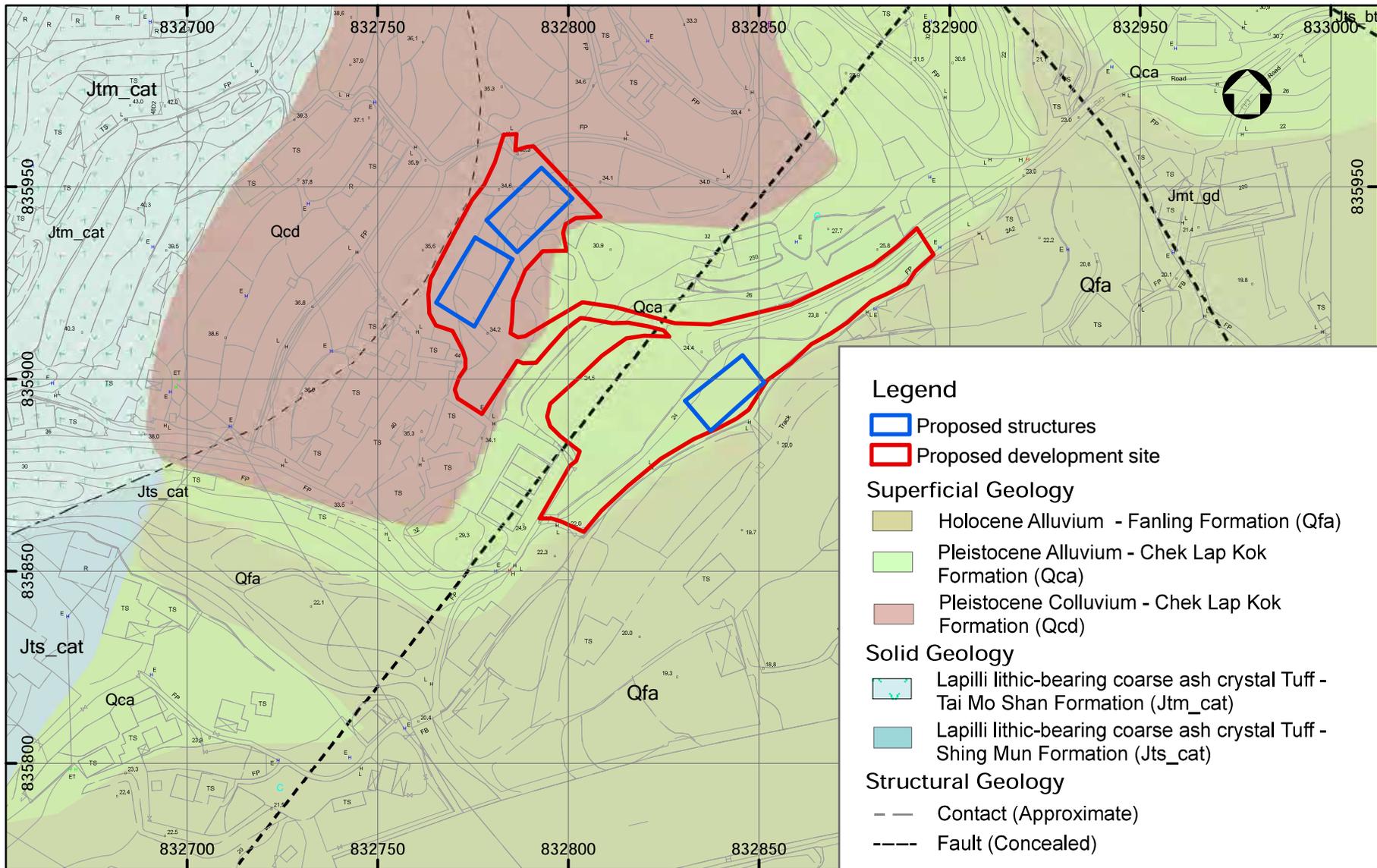
**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

**TITLE:** Registered and Ungistered Man-made Features

**SCALE:**  
1 : 1000

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In associaton with 

**FIGURE NO :**  
**FIGURE 3**



**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

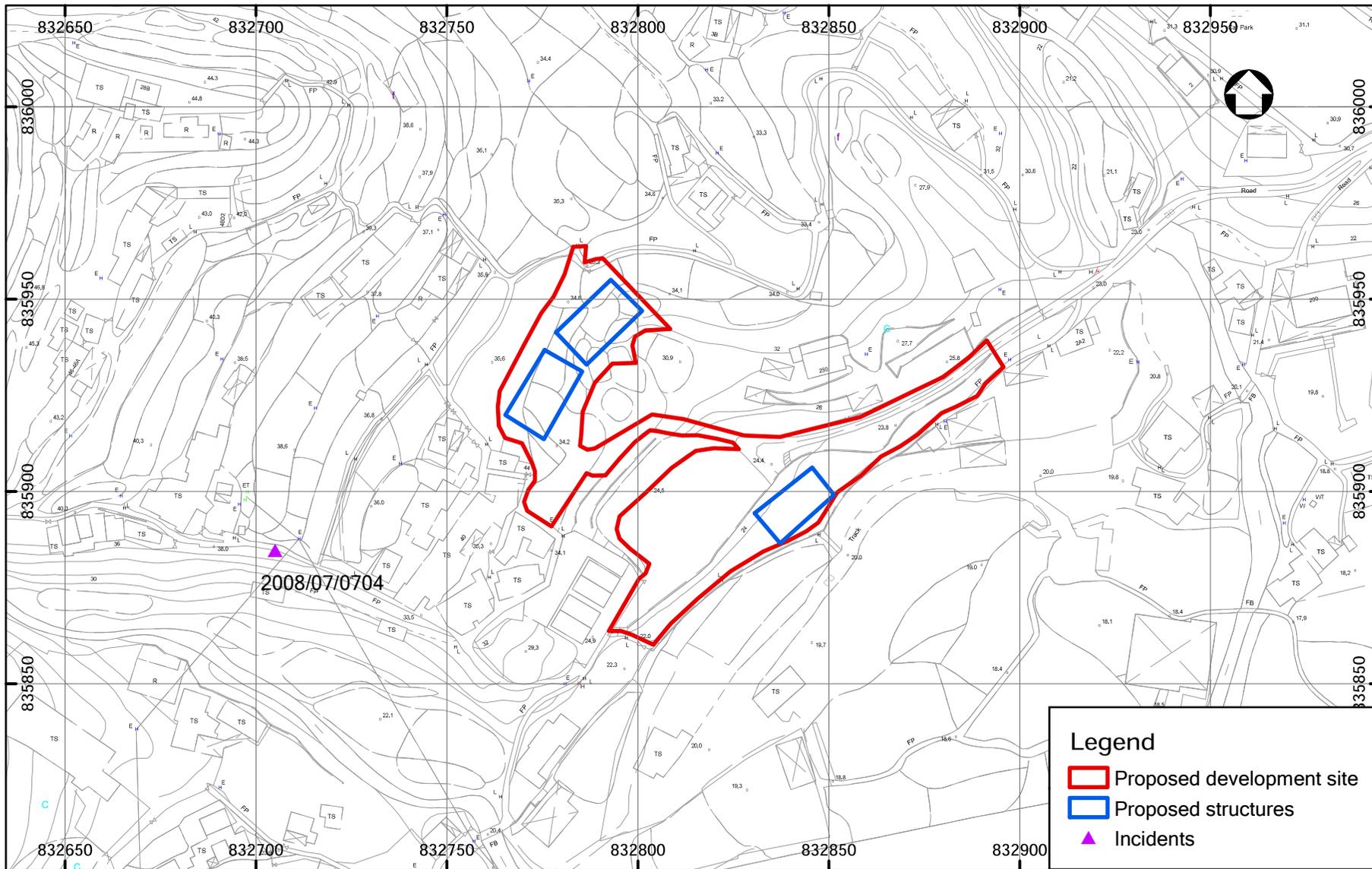
**TITLE:** Geological Map

**SCALE:**  
1 : 1500

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In associaton with



**FIGURE NO :**  
**FIGURE 4**



**Legend**

- Proposed development site
- Proposed structures
- ▲ Incidents

**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

**TITLE:** Past Instability Records

**SCALE:**  
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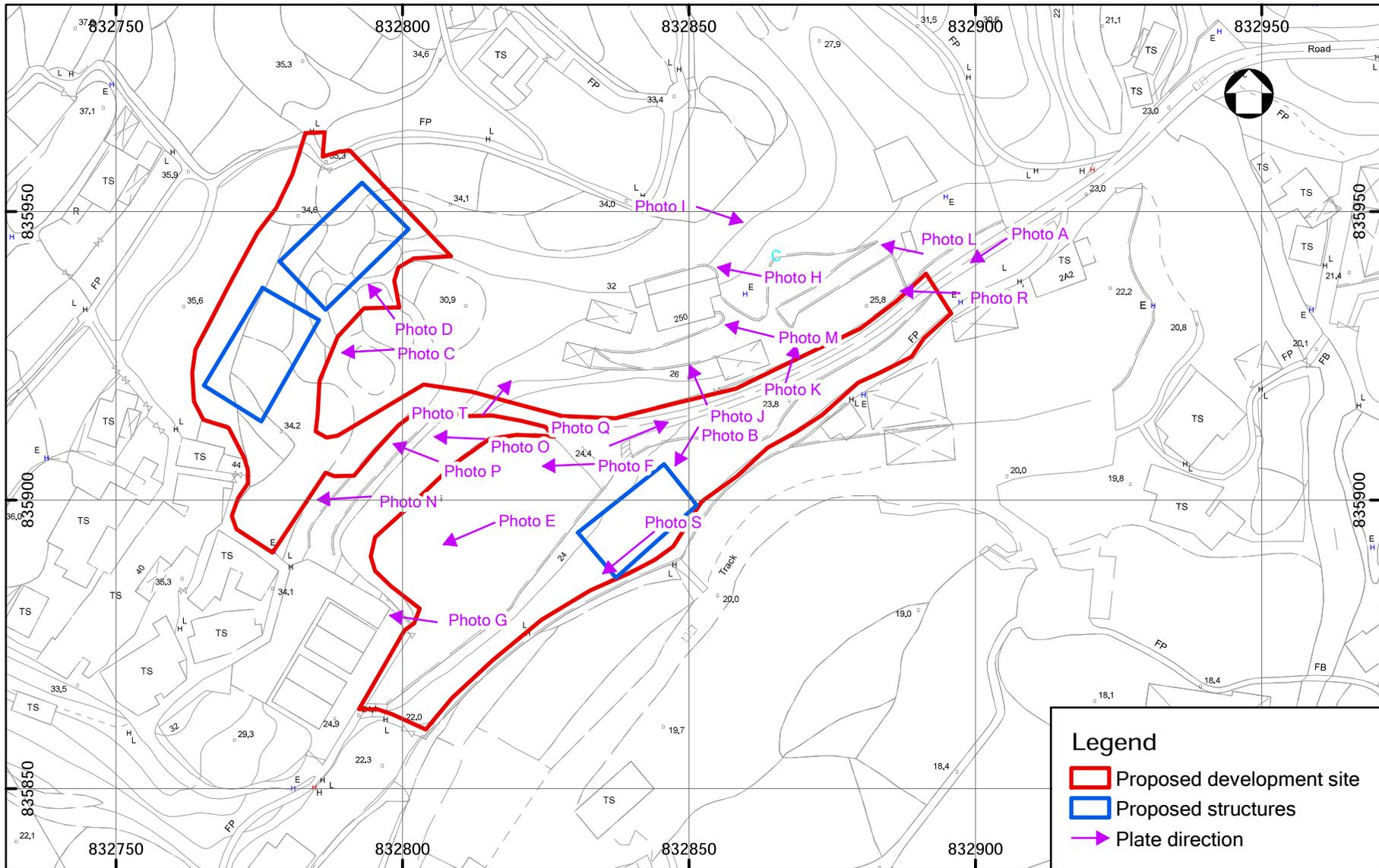
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In associaton with 

**FIGURE NO :**  
**FIGURE 5**



# **Appendix A**

Photographs



**Legend**

- Proposed development site
- Proposed structures
- Plate direction

**PROJECT:** Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated Filling of Land for a Period of 5 Years at Lots 86, 90, 91(Part), 92(Part), 103(Part), 147(Part), 148 S.A(Part), 148 S.B(Part), 149(Part), 150 S.A, 151 S.A(Part), 153(Part), 572 S.A(Part) and 572 RP (Part), 572 S.B(Part) and 576(Part) in D.D.16, Lam Tsuen, Tai Po, New Territories

**TITLE:** Plate Direction

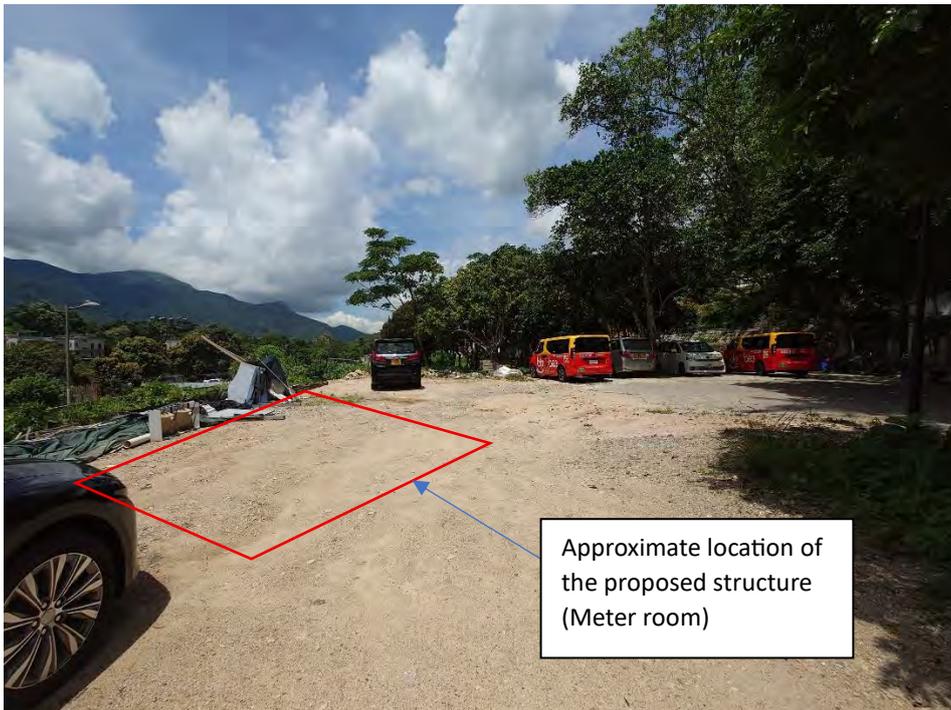
**SCALE:**  
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In associaton with 

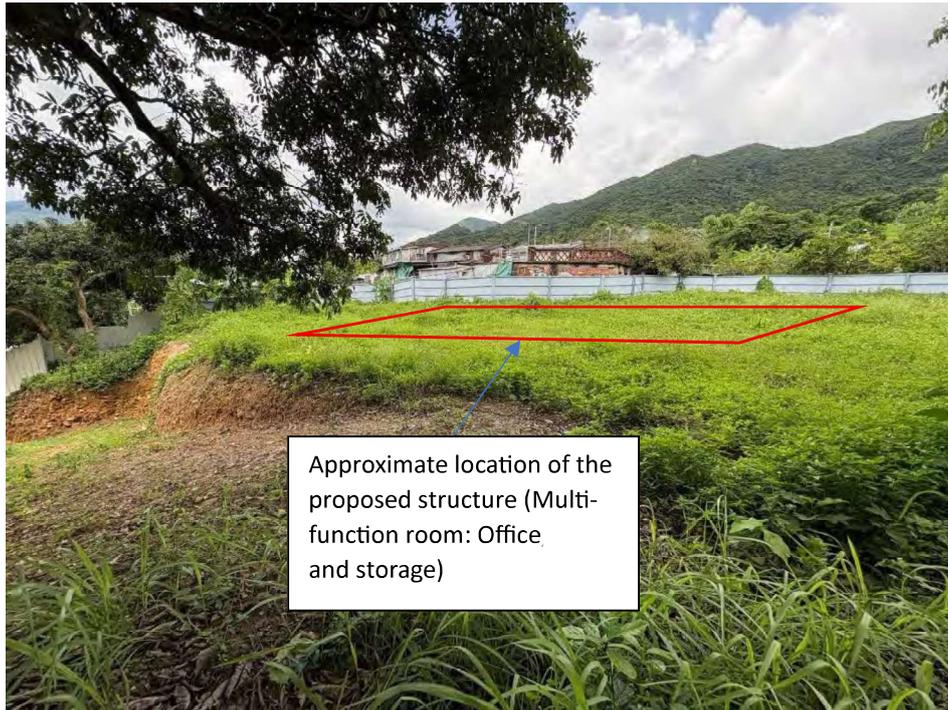
**FIGURE NO :**  
FIGURE A1



**Photo A – General View of the Proposed Development Site**

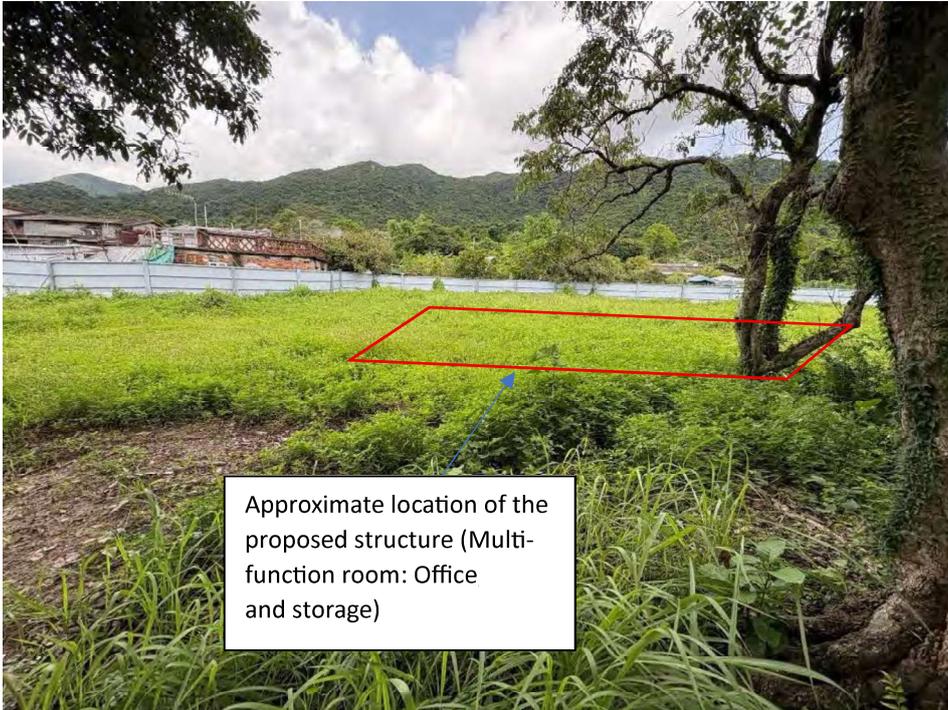


**Photo B – General View of the Proposed Development Site & Structure**



Approximate location of the proposed structure (Multi-function room: Office and storage)

**Photo C – General View of the Proposed Development Site & Structure**



Approximate location of the proposed structure (Multi-function room: Office and storage)

**Photo D – General View of the Proposed Development Site & Structure**



**Photo E – General View of the Proposed Development Site**



**Photo F – General View of the Feature No. 7NW-A/C93**



**Photo G – General View of the Feature No. 7NW-A/C92**



**Photo H – General View of the Feature No. 7NW-A/CR95**



**Photo I – General View of the Feature No. 7NW-A/C96**



**Photo J – General View of the Feature No. 7NW-A/R14**



**Photo K – General View of the Unregistered Feature A**



**Photo L – General View of the Unregistered Feature B**



**Photo M – General View of the Unregistered Feature C**



**Photo N – General View of the Unregistered Feature D**



**Photo O – General View of the Unregistered Feature E**



**Photo P – General View of the Unregistered Feature F**



**Photo Q – General View of the Unregistered Feature G**



**Photo R – General View of the Unregistered Feature H**



Height: 2.20m  
Slope Angle: 80°

**Photo S – General View of the Unregistered Feature I**



Height: 1.95m  
Slope Angle: 90°

**Photo T – General View of the Unregistered Feature J**

## **Appendix B**

SIMAR Record

# Slope Maintenance Responsibility Report

(7NW-A/C92)



ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT

## List of Slope Maintenance Responsibility Area(s)

1	7NW-A/C92	Sub-Division	Not Applicable
	Location	ON GL ADJOINING DD16 LOTS89A, 567 & 580	
	Responsible Lot/Party	Lands Department	Maintenance Agent Lands Department
	Remarks	1. Slope information being reviewed. 2. For enquiries about the maintenance of this slope / sub-division of the slope, please contact the Maintenance Agent directly.	

- End of Report -

### Notes:

- (i) The location plan in Annex is for identification purposes of slope(s) only.
- (ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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Search Criteria: 7NW-A/C92

## Location Plan



## Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties



**ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT**

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# Slope Maintenance Responsibility Report

(7NW-A/C93)



ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT

## List of Slope Maintenance Responsibility Area(s)

<b>1</b>	<b>7NW-A/C93</b>	<b>Sub-Division</b>	Not Applicable
	<b>Location</b>	WITHIN DD16 LOT572 & ADJOINING GL	
	<b>Responsible Lot/Party</b>	DD16 Lot572	<b>Maintenance Agent</b> Not Applicable
	<b>Remarks</b>	Not Applicable	

- End of Report -

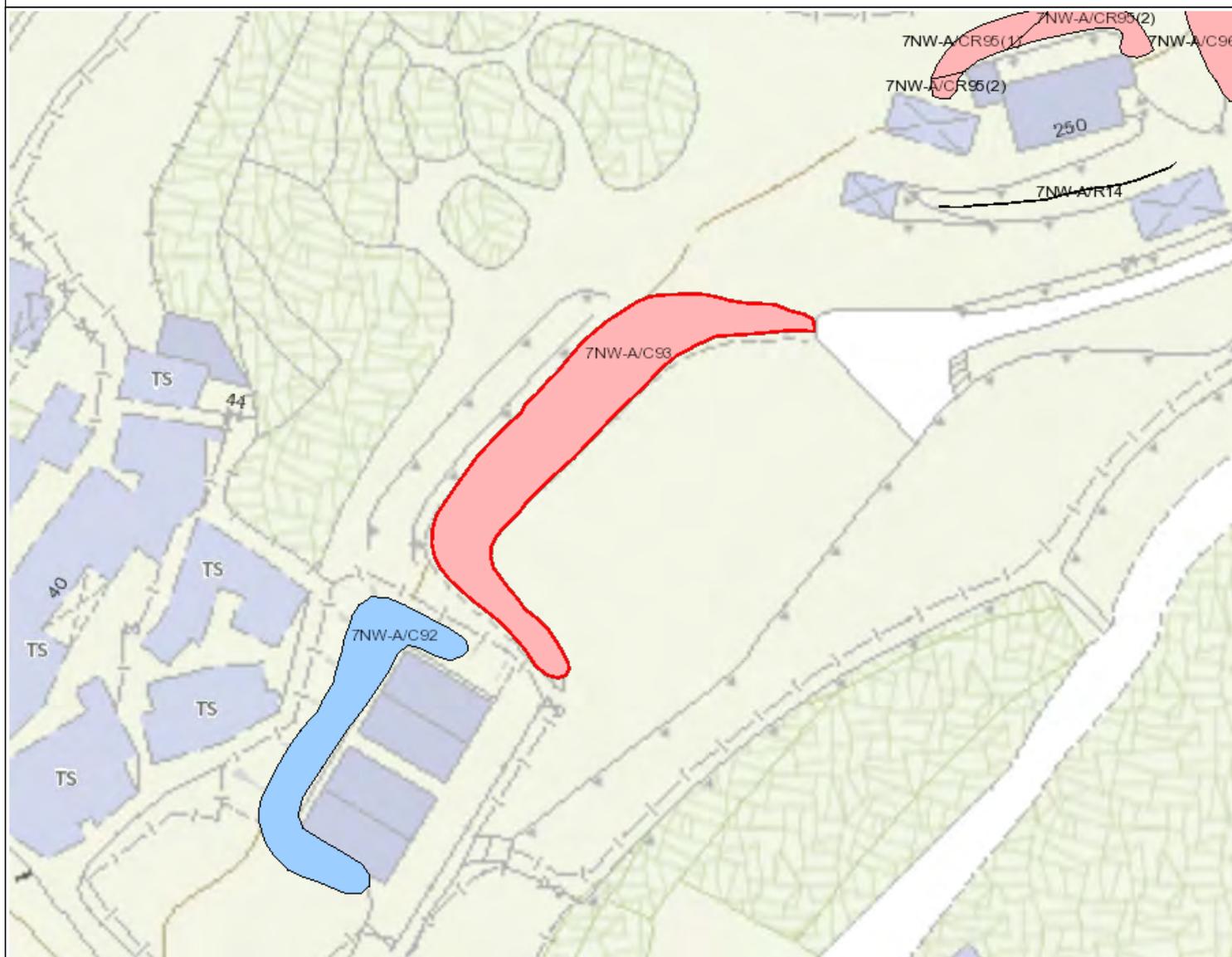
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Search Criteria: 7NW-A/C93

## Location Plan



## Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties



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# Slope Maintenance Responsibility Report

(7NW-A/C96)



ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT

## List of Slope Maintenance Responsibility Area(s)

<b>1</b>	<b>7NW-A/C96</b>	<b>Sub-Division</b>	Not Applicable
	<b>Location</b>	WITHIN DD16 LOT572 NEAR SPOT LEVEL 27.7	
	<b>Responsible Lot/Party</b>	DD16 Lot572	<b>Maintenance Agent</b> Not Applicable
	<b>Remarks</b>	Not Applicable	

- End of Report -

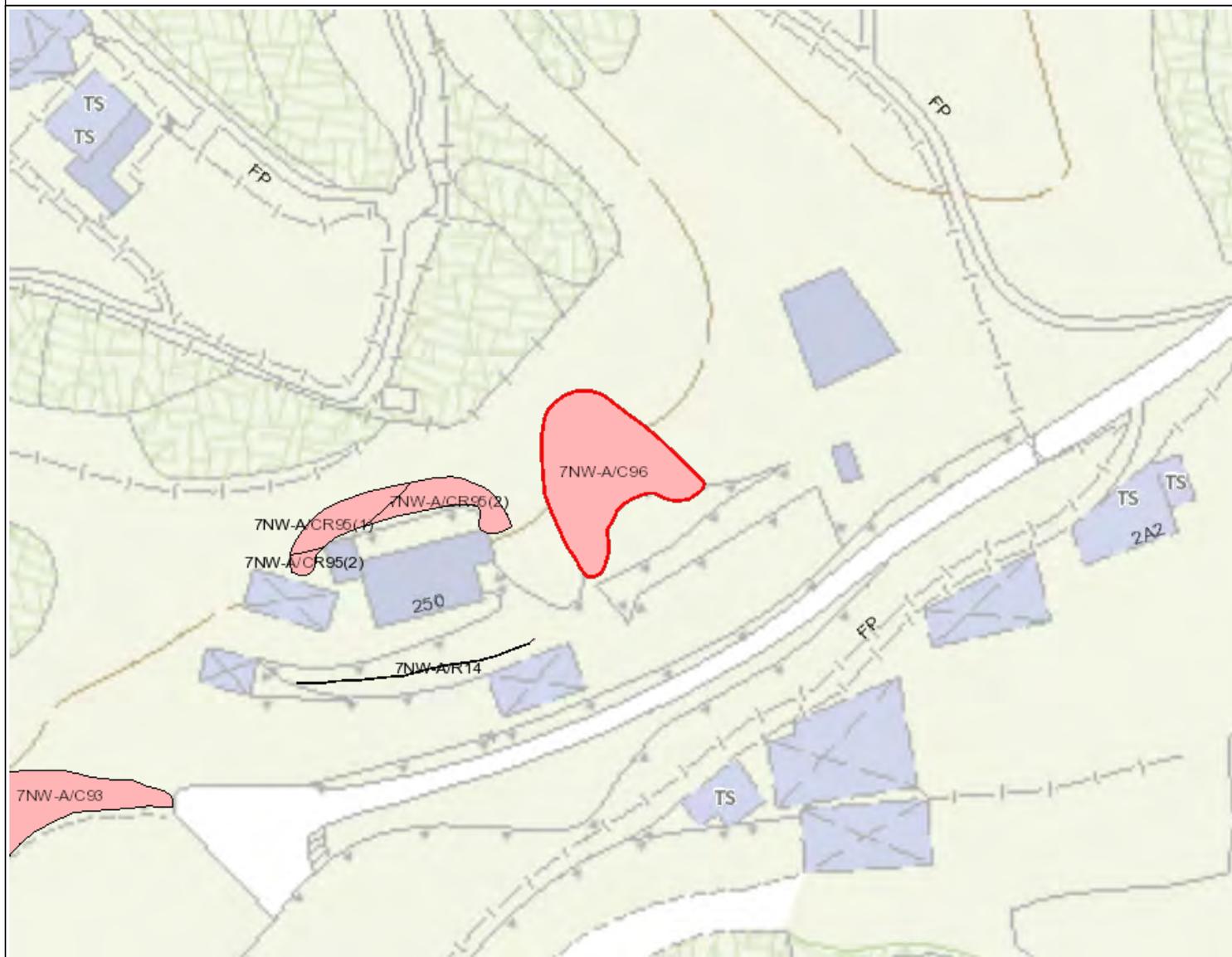
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- (i) The location plan in Annex is for identification purposes of slope(s) only.
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Search Criteria: 7NW-A/C96

## Location Plan



## Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties



**ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT**

This Plan is **NOT TO SCALE** and intended for **IDENTIFICATION** only. All information shown on this plan **MUST** be verified by field survey.

Printed on: 17/06/2025

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# Slope Maintenance Responsibility Report

(7NW-A/CR95)



ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT

## List of Slope Maintenance Responsibility Area(s)

1	7NW-A/CR95	Sub-Division	1	
	Location	Partly within DD16 Lot 124 and partly within DD16 Lot 572		
	Responsible Lot/Party	DD16 LOT124	Maintenance Agent	Not Applicable
	Remarks	Not Applicable		
2	7NW-A/CR95	Sub-Division	2	
	Location	Partly within DD16 Lot 124 and partly within DD16 Lot 572		
	Responsible Lot/Party	DD16 LOT572	Maintenance Agent	Not Applicable
	Remarks	Not Applicable		

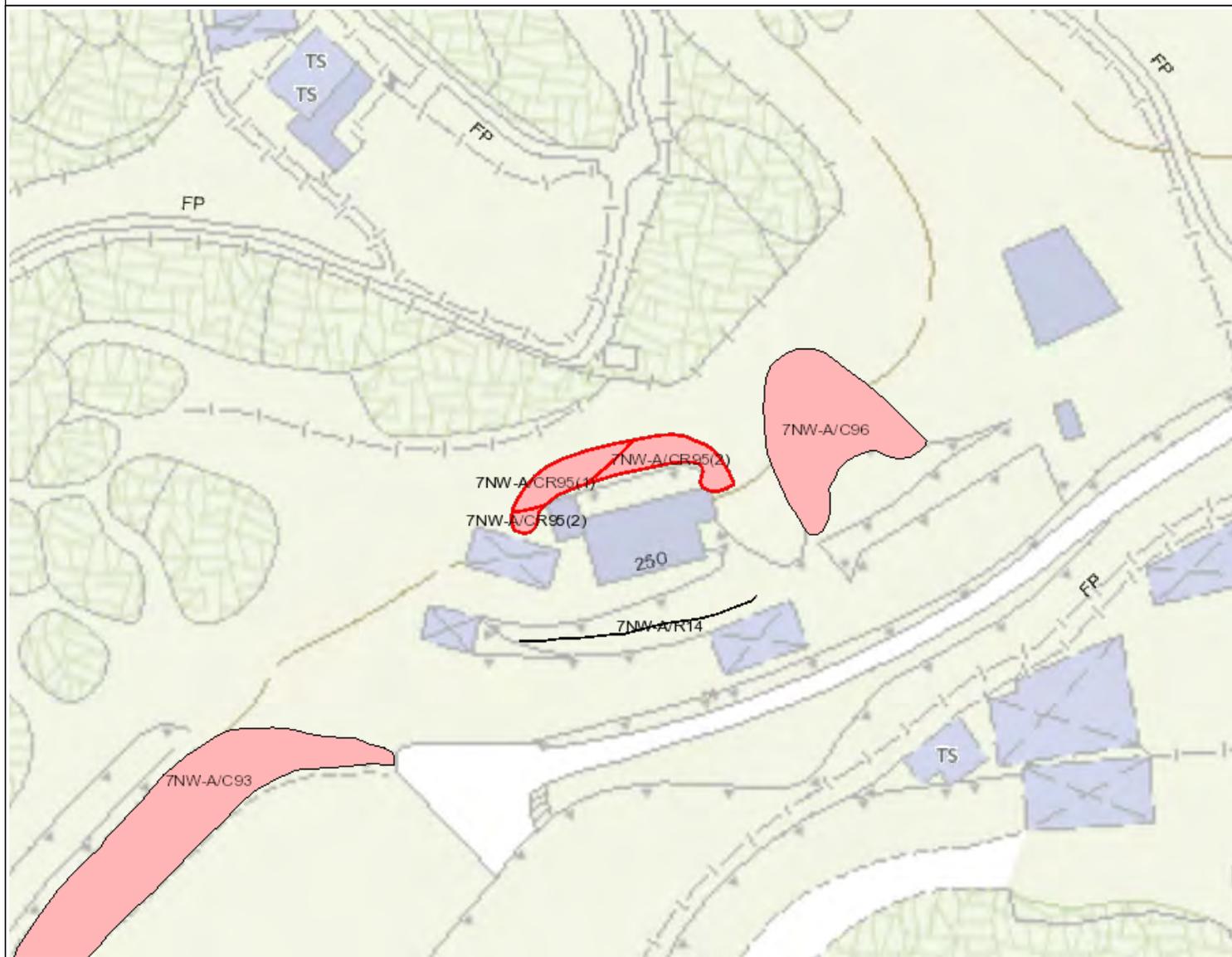
- End of Report -

### Notes:

- (i) The location plan in Annex is for identification purposes of slope(s) only.
- (ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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## Location Plan



## Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties



**ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT**

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Printed on: 17/06/2025

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# Slope Maintenance Responsibility Report

(7NW-A/R14)



ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT

## List of Slope Maintenance Responsibility Area(s)

<b>1</b>	<b>7NW-A/R14</b>	<b>Sub-Division</b>	Not Applicable	
	<b>Location</b>	WITHIN DD16 LOT572		
	<b>Responsible Lot/Party</b>	DD16 Lot572	<b>Maintenance Agent</b>	Not Applicable
	<b>Remarks</b>	Not Applicable		

- End of Report -

### Notes:

- (i) The location plan in Annex is for identification purposes of slope(s) only.
- (ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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## Location Plan



## Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties



**ESTATE MANAGEMENT SECTION  
LANDS DEPARTMENT**

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Printed on: 17/06/2025

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## **Appendix C**

Slope Records Retrieved from CEDD

## BASIC INFORMATION

Location: House No. 16 Ngau Kwu Leng New Village, Ngau Kwu Leng, Tai Po  
Registration Date: 24-10-1997  
Ranking Score (NPRS): 0 (LPMit)  
Date of Formation: pre-1977  
Date of Construction/ Modification:  
Data Source: EI(Lands D)  
Approximate Coordinates: Easting : 832780 Northing : 835875

## CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest: Cottage, licensed and squatter area  
Distance of Facility from Crest (m): 3.8  
Facility at Toe: Residential building  
Distance of Facility from Toe (m): 0.7  
Consequence-to-life Category: 1  
Remarks: N/A

## SLOPE PART

(1) Max. Height (m): 6.5 Length (m): 32 Average Angle (deg): 55

## WALL PART

N/A

## MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Government Feature Party: Lands D Agent: Lands D Land Cat.: 5b(vi) Reason Code: 62,90,92 MR Endorsement Date: 04-05-1999

## DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 30-11-2000  
Data Source: EI(Lands D)  
Slope Part Drainage: (1) Position: Crest Size(mm): 201  
(2) Position: Toe Size(mm): 325  
Wall Part Drainage: N/A

## SLOPE PART



**Slope Part (1)**

Surface Protection (%): Bare: 0 Vegetated: 0 Chunam: 0 Shotcrete: 0 Other Cover: 100  
 Material Description: Material type: Soil Geology: N/A  
 Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
 Weepholes: Size (mm): N/A Spacing (m): N/A

**WALL PART**

N/A

**SERVICES**

(1) Utilities Type: Water Main Size(mm): 35 Location: On crest Remark: N/A

**CHECKING STATUS INFORMATION**

N/A

**BACKGROUND INFORMATION**

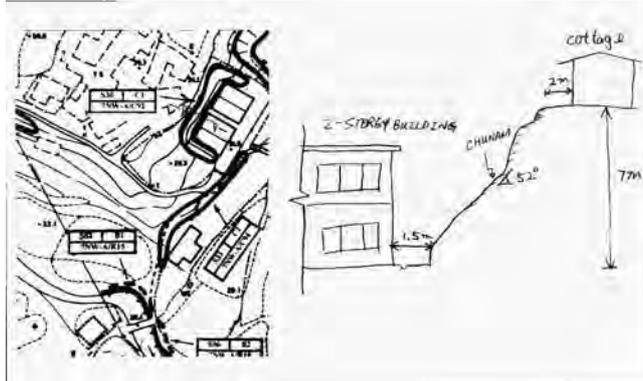
GIU Cell Ref.: 7NW2B3  
 Map Sheet Reference (1:1000): 7NW- 2B  
 Aerial Photos: Y11982 (1964), Y11983 (1964)  
 Nearest Rainuage Station (Station Number): Booster Pumping Station, Hong Lok Yuen(N35)  
 Data Collected On: 30-11-2000  
 Date of Construction, Subsequent Modification and Demolition: Modification: Constructed Before: 1964 After: N/A  
 Related Reports/Files or Documents: File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt. VI  
 File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt. VI  
 Remarks: N/A  
 Follow Up Actions: N/A  
 DH-Order (To Be Confirmed with Buildings Department): None  
 Advisory Letter (To Be Confirmed with Buildings Department): None  
 LPMIS: Agreement No.: CE3/2001 Report No.: S3R094/2002

**ENHANCED MAINTENANCE INFORMATION**

From Maintenance Department: (Last Updated Date: 19/02/2025)

## STAGE 1 STUDY REPORT

Inspected On: 09-05-1997  
 Weather: Some Rain  
 District: ME



Section No: 1-1  
 Height(m): H1 : 7 , H2 : 0  
 Type of Toe Facility: Residential building  
 Distance from Toe(m): 0.7  
 Type of Crest Facility: Cottage, licensed and squatter area  
 Distance from Crest(m): 3.8  
 Consequence Category: 1  
 Engineering Judgement: HP  
 Section No: 2-2  
 Type of Toe Facility: N/A  
 Distance from Toe(m): 0  
 Type of Crest Facility: N/A  
 Distance from Crest(m): 0  
 Consequence Category: 1  
 Engineering Judgement: HP  
 Sign of Seepage: Slope : No signs of seepage  
 Wall : N/A  
 Criterion A satisfied: N  
 Sign of Distress: Slope : Minor (near crest, mid-portion, at toe)  
 Wall : N/A  
 Criterion D satisfied: N  
 Non-routine maintenance required: N  
 Note: N/A  
 Masonry wall/Masonry facing: N  
 Note: N/A  
 Consequence category (for critical section): 1

Observations: N/A  
Emergency Action Required: N  
Action By: N/A

### ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A  
Action By: N/A  
Further Study: Y  
Action By: Mixed

### OTHER EXTERNAL ACTION

Check / repair Services: N  
Action By: N/A  
Non-routine Maintenance: N  
Action By: N/A

### eLPMIS

#### LPM/LPMit Details Report

LPM Study Feature No.: 7NW-A/C 92  
Location: HOUSE NO.16, NGAU KWU LENG NEW VILLAGE, NGAU KWU LEUNG, TAI PO  
District Council: Tai Po  
Maintenance Responsibility (At the Time of Selection): Government  
Responsible Party for Maintenance of Government Portion: Lands D  
Private Lot No.: N/A

#### LPM/LPMit Study

Agreement No.: CE3/2001  
Study Type: Stage 3 Study Under Schedule of Rates Contract  
Consultant: Halcrow China Ltd.  
GEO Managing Section / Engineer: LPM1 / CM11  
Study Status: Study completed  
Design Approach: Conventional (GI + Analysis)  
Option Assessment Accepted: N/A  
Study Report No.: S3R094/2002  
Programme / Actual Commencement: 01-03-2002  
Programme / Actual Completion: 04-10-2002  
Report Recommendation (For Stage 2 Study): Upgrading Works  
District Check Status: Exempted from checking  
Checking Certificate No.: GEO/LPM012/2003



GEO Engineer's Remarks: N/A

**LPM/LPMit Works**

Works Contract No.: GE/2002/06  
GEO Managing Section / Engineer: LPM1 / CM11  
Contractor: Barbican Construction Company Limited  
Progress Status: Maintenance completed  
Reason of Study Termination / Works Deletion (If Necessary): N/A  
Forecast Commencement Date: 11-07-2002  
Forecast Completion Date: 10-01-2003  
Completion Cert. Issued: N/A  
Site Handed Over to Maintenance Department on: N/A  
Estimated Cost for Upgrading (HK\$M): 0.6570  
Maintenance Manual No.: MM018/2003  
Actual Works: Skin wall, Soil nail  
No. of Tree Felled: N/A  
No. of Tree Planted (Incl. Transplant): N/A  
% Bare of Slope Surfacing: N/A  
% Vegetated of Slope Surfacing: N/A  
% Shotcrete of Slope Surfacing: N/A  
Other Hard Surface of Slope Surfacing: N/A

**PHOTO**





## BASIC INFORMATION

Location: HOUSE NO.72 SAI HO YUEN, TSE DEI VILLAGE, LAM TSUEN, TAI PO  
Registration Date: 24-10-1997  
Ranking Score (NPRS): 0 (LPMit)  
Date of Formation: pre-1977  
Date of Construction/ Modification:  
Data Source: Project Office  
Approximate Coordinates: Easting : 832802 Northing : 835904

## CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest: Lightly-used open area/facilities  
Distance of Facility from Crest (m): 0  
Facility at Toe: Horticulture garden  
Distance of Facility from Toe (m): 0  
Consequence-to-life Category: 2  
Remarks: N/A

## SLOPE PART

(1) Max. Height (m): 4.6 Length (m): 40 Average Angle (deg): 61

## WALL PART

N/A

## MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: DD16 Lot572 Agent: N/A Land Cat.: 1,5b(vi),7 Reason Code: 1 MR Endorsement Date: 01-12-1997

## DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 13-02-2010  
Data Source: Project Office  
Slope Part Drainage: N/A  
Wall Part Drainage: N/A

## SLOPE PART

Slope Part (1)  
Surface Protection (%): Bare: 0 Vegetated: 5 Chunam: 0 Shotcrete: 0 Other Cover: 95  
Material Description: Material type: Soil Geology: Decomposed volcanic  
Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
Weepholes: Size (mm): N/A Spacing (m): N/A

## WALL PART

N/A

## SERVICES

N/A

## CHECKING STATUS INFORMATION

N/A

## BACKGROUND INFORMATION

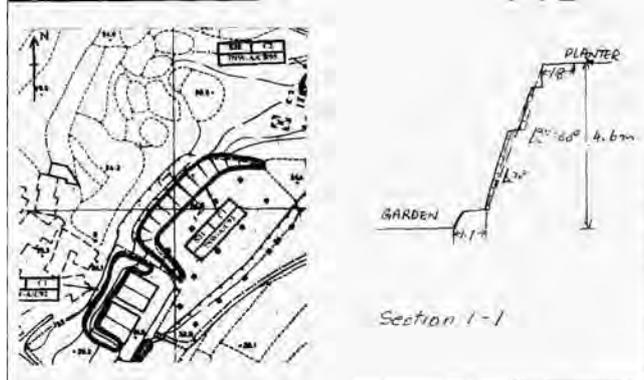
GIU Cell Ref.: 7NW2B3  
Map Sheet Reference (1:1000): 7NW- 2B  
Aerial Photos: Y11982 (1964), Y11983 (1964)  
Nearest Rainguage Station (Station Number): Booster Pumping Station, Hong Lok Yuen(N35)  
Data Collected On: 13-02-2010  
Date of Construction, Subsequent Modification and Demolition: Modification: Constructed Before: 1964 After: N/A  
Related Reports/Files or Documents: File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt. VI  
File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt. VI  
Remarks: N/A  
Follow Up Actions: N/A  
DH-Order (To Be Confirmed with Buildings Department): None  
Advisory Letter (To Be Confirmed with Buildings Department): None  
LPMIS: None

## ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 19/02/2025)

**STAGE 1 STUDY REPORT**

Inspected On: 05-05-1997  
 Weather: Some Rain  
 District: ME



Section No: 1-1  
 Height(m): H1 : 5 , H2 : 0  
 Type of Toe Facility: Horticulture garden  
 Distance from Toe(m): 0  
 Type of Crest Facility: Lightly-used open area/facilities  
 Distance from Crest(m): 0  
 Consequence Category: 2  
 Engineering Judgement: P  
 Section No: 2-2  
 Type of Toe Facility: N/A  
 Distance from Toe(m): 0  
 Type of Crest Facility: N/A  
 Distance from Crest(m): 0  
 Consequence Category: 2  
 Engineering Judgement: P  
 Sign of Seepage: Slope : Slight to moderate seepage below mid-height  
 Wall : N/A  
 Criterion A satisfied: N  
 Sign of Distress: Slope : N/A  
 Wall : N/A  
 Criterion D satisfied: N  
 Non-routine maintenance required: N  
 Note: N/A  
 Masonry wall/Masonry facing: Y  
 Note: DRESSED BLOCKS WITH POINTING.  
 Consequence category (for critical section): 2  
 Observations: N/A  
 Emergency Action Required: N  
 Action By: N/A



### ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D:	N/A
Action By:	N/A
Further Study:	Y
Action By:	Mixed

### OTHER EXTERNAL ACTION

Check / repair Services:	N
Action By:	N/A
Non-routine Maintenance:	N
Action By:	N/A

PHOTO



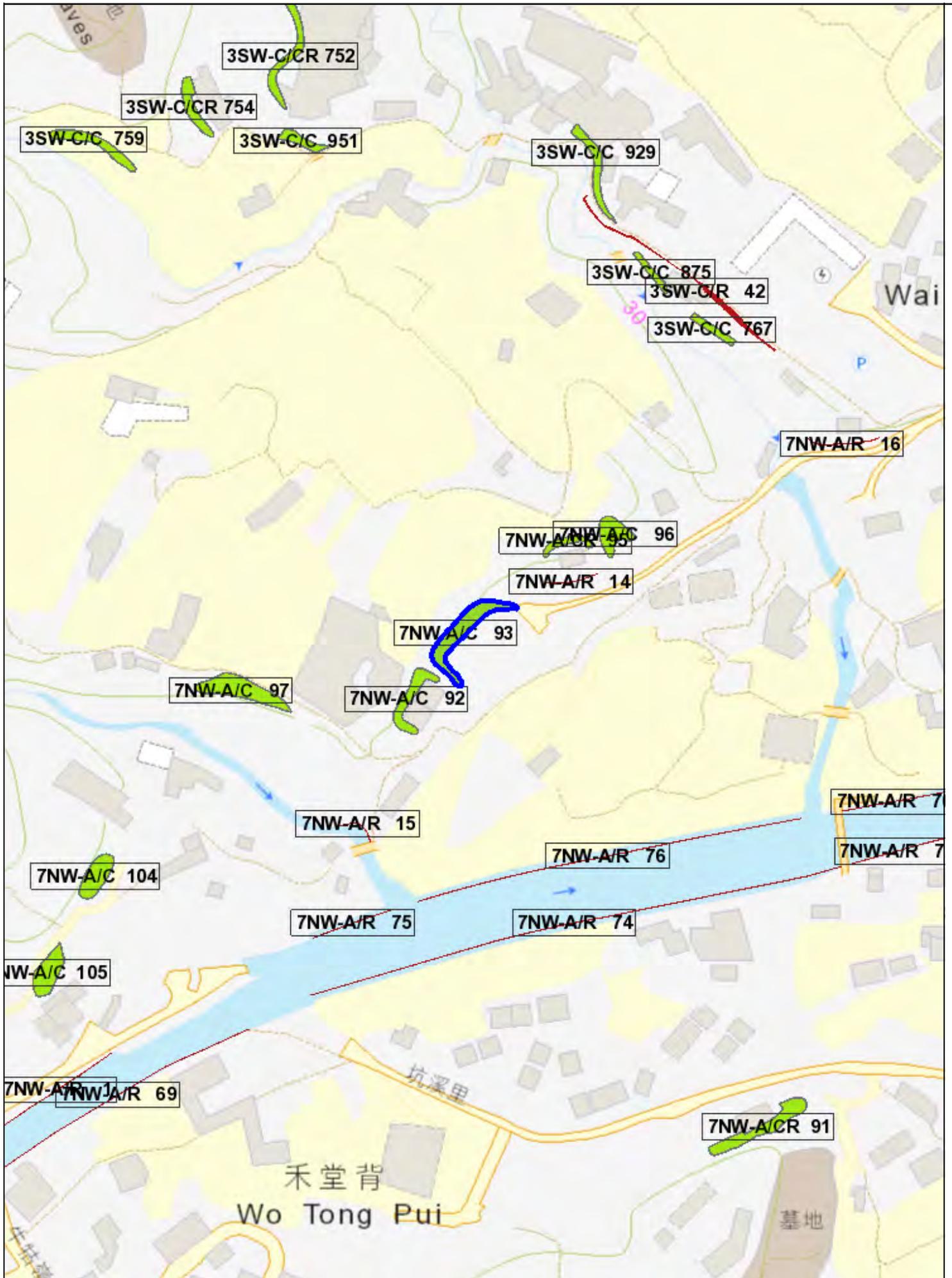
7NW-A/C93

TOP VIEW OF THE FEATURE



7NW-A/C93

GENERAL VIEW



## BASIC INFORMATION

Location: HOUSE NO.72 SAI HO YUEN, TSE DEI VILLAGE, LAM TSUEN, TAI PO  
Registration Date: 24-10-1997  
Ranking Score (NPRS): 0 (Notional)  
Date of Formation: pre-1977  
Date of Construction/ Modification:  
Data Source: SIRST  
Approximate Coordinates: Easting : 832865 Northing : 835945

## CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest: Undeveloped green belt  
Distance of Facility from Crest (m): 0  
Facility at Toe: Road/footpath with very low traffic density  
Distance of Facility from Toe (m): 1.2  
Consequence-to-life Category: 3  
Remarks: N/A

## SLOPE PART

(1) Max. Height (m): 4.5 Length (m): 15 Average Angle (deg): 20

## WALL PART

N/A

## MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: DD16 Lot572 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 01-09-1997

## DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 05-05-1997  
Data Source: SIRST  
Slope Part Drainage: N/A  
Wall Part Drainage: N/A

## SLOPE PART

Slope Part (1)  
Surface Protection (%): Bare: 2 Vegetated: 98 Chunam: 0 Shotcrete: 0 Other Cover: 0  
Material Description: Material type: Soil Geology: Decomposed volcanic  
Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
Weepholes: Size (mm): N/A Spacing (m): N/A

## WALL PART

N/A

## SERVICES

N/A

## CHECKING STATUS INFORMATION

N/A

## BACKGROUND INFORMATION

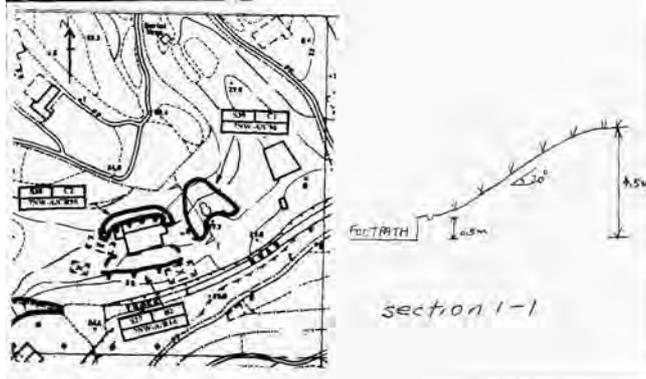
GIU Cell Ref.:	7NW2B3
Map Sheet Reference (1:1000):	7NW- 2B
Aerial Photos:	Y11982 (1964), Y11983 (1964)
Nearest Rainguage Station (Station Number):	Booster Pumping Station, Hong Lok Yuen(N35)
Data Collected On:	05-05-1997
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed    Before: 1964    After: N/A
Related Reports/Files or Documents:	File/Report: PWDC    Ref. No.: GC 4/1/2-3 f (19) pt. VI File/Report: PWDC    Ref. No.: GC 4/1/2-3 f (19) pt. VI
Remarks:	N/A
Follow Up Actions:	N/A
DH-Order (To Be Confirmed with Buildings Department):	None
Advisory Letter (To Be Confirmed with Buildings Department):	None
LPMIS:	None

## ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 19/02/2025)

## STAGE 1 STUDY REPORT

Inspected On: 05-05-1997  
 Weather: Some Rain  
 District: ME



Section No: 1-1  
 Height(m): H1 : 5 , H2 : 0  
 Type of Toe Facility: Road/footpath with very low traffic density  
 Distance from Toe(m): 1.2  
 Type of Crest Facility: Undeveloped green belt  
 Distance from Crest(m): 0  
 Consequence Category: 3  
 Engineering Judgement: U  
 Section No: 2-2  
 Type of Toe Facility: N/A  
 Distance from Toe(m): 0  
 Type of Crest Facility: N/A  
 Distance from Crest(m): 0  
 Consequence Category: 3  
 Engineering Judgement: U  
 Sign of Seepage: Slope : No signs of seepage  
 Wall : N/A  
 Criterion A satisfied: N  
 Sign of Distress: Slope : N/A  
 Wall : N/A  
 Criterion D satisfied: N  
 Non-routine maintenance required: N  
 Note: N/A  
 Masonry wall/Masonry facing: N  
 Note: N/A  
 Consequence category (for critical section): 3  
 Observations: N/A  
 Emergency Action Required: N  
 Action By: N/A



### ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D:	N/A
Action By:	N/A
Further Study:	N
Action By:	N/A

### OTHER EXTERNAL ACTION

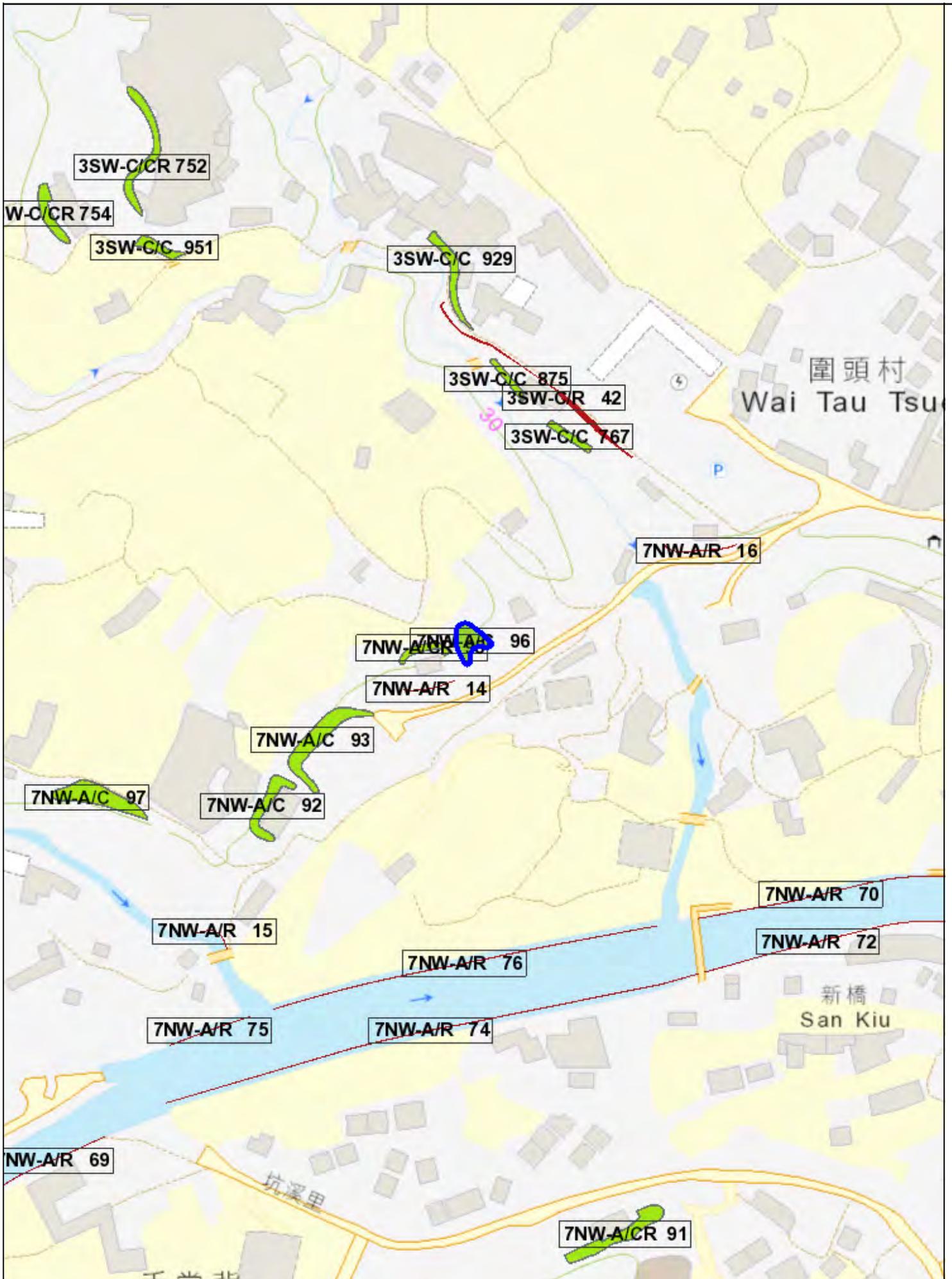
Check / repair Services:	N
Action By:	N/A
Non-routine Maintenance:	N
Action By:	N/A

PHOTO



7NW-A/C96

GENERAL VIEW



## BASIC INFORMATION

Location: BEHIND A HOUSE INSIDE SAI HO YUEN, TSE DEI VILLAGE, LAM TSUEN, TAI PO  
Registration Date: 24-10-1997  
Ranking Score (NPRS): 359 (LPMit)  
Date of Formation: post-1977  
Date of Construction/ Modification:  
Data Source: LPM  
Approximate Coordinates: Easting : 832846 Northing : 835941

## CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest: Undeveloped green belt  
Distance of Facility from Crest (m): 0  
Facility at Toe: Cottage, licensed and squatter area  
Distance of Facility from Toe (m): 2  
Consequence-to-life Category: 1  
Remarks: N/A

## SLOPE PART

(1) Max. Height (m): 1.2 Length (m): 22 Average Angle (deg): 75

## WALL PART

(1) Max. Height (m): 2.7 Length (m): 22 Face Angle (deg): 85

## MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 1 Private Feature Party: DD16 LOT124 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 22-11-2016  
(2) Sub Div.: 2 Private Feature Party: DD16 LOT572 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 22-11-2016

## DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 16-11-2016  
Data Source: LPM  
Slope Part Drainage: N/A  
Wall Part Drainage: N/A

## SLOPE PART

Slope Part (1)  
Surface Protection (%): Bare: 0 Vegetated: 0 Chunam: 0 Shotcrete: 0 Other Cover: 100  
Material Description: Material type: Soil Geology: Decomposed volcanic  
Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
Weepholes: Size (mm): N/A Spacing (m): N/A

## WALL PART

Wall Part (1)  
Type of Wall: Wall Material: Masonry Wall Location: Wall at toe  
Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
Weepholes: Size (mm): N/A Spacing (m): N/A

## SERVICES

N/A

## CHECKING STATUS INFORMATION

N/A

## BACKGROUND INFORMATION

GIU Cell Ref.: 7NW2B3  
Map Sheet Reference (1:1000): 7NW- 2B  
Aerial Photos: A26647 (1991), A26648 (1991)  
Nearest Rainguage Station (Station Number): Booster Pumping Station, Hong Lok Yuen(N35)  
Data Collected On: 16-11-2016  
Date of Construction, Subsequent Modification and Demolition: Modification: Constructed Before: 1964 After: N/A  
Modification: Modified Before: 1991 After: 1988  
Related Reports/Files or Documents: File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt.VI  
File/Report: PWDC Ref. No.: GC 4/1/2-3 f (19) pt.VI  
Remarks: N/A  
Follow Up Actions: N/A  
DH-Order (To Be Confirmed with Buildings Department): Date of Recommendation to BD: 16/06/2017 File Reference: DH/0033/16/NT  
Date Served by BD: 06/01/2023 Notice No.: DH0001/NT/23/C  
Date of Recommendation to BD: 16/06/2017 File Reference: DH/0033/16/NT  
Date Served by BD: 03/01/2025 Notice No.: DH0001/NT/25/C  
Date of Recommendation to BD: 16/06/2017 File Reference: DH/0033/16/NT  
Date Served by BD: 12/04/2018 Notice No.: DH0019/NT/18/C  
Date of Recommendation to BD: 16/06/2017 File Reference: DH/0042/16/NT  
Date Served by BD: 06/01/2023 Notice No.: DH0002/NT/23/C  
Date of Recommendation to BD: 16/06/2017 File Reference: DH/0042/16/NT  
Date Served by BD: 03/01/2025 Notice No.: DH0002/NT/25/C  
Date of Recommendation to BD: 16/06/2017 File Reference: DH/0042/16/NT  
Date Served by BD: 12/04/2018 Notice No.: DH0020/NT/18/C



Advisory Letter (To Be Confirmed with Buildings Department): None  
 LPMIS: Agreement No.: CE36/2013 Report No.: S2R059/2016

**ENHANCED MAINTENANCE INFORMATION**

From Maintenance Department: (Last Updated Date: 19/02/2025)

**STAGE 1 STUDY REPORT**

Inspected On:  
 Weather:  
 District: ME  
 Section No: 1-1  
 Height(m):  
 Type of Toe Facility: Cottage, licensed and squatter area  
 Distance from Toe(m): 2  
 Type of Crest Facility: Undeveloped green belt  
 Distance from Crest(m): 0  
 Consequence Category:  
 Engineering Judgement:  
 Section No: 2-2  
 Type of Toe Facility:  
 Distance from Toe(m):  
 Type of Crest Facility:  
 Distance from Crest(m):  
 Consequence Category:  
 Engineering Judgement:  
 Sign of Seepage:  
 Criterion A satisfied:  
 Sign of Distress:  
 Criterion D satisfied:  
 Non-routine maintenance required:  
 Note:  
 Masonry wall/Masonry facing:  
 Note:  
 Consequence category (for critical section):  
 Observations: N/A  
 Emergency Action Required:  
 Action By: N/A

**ACTION TO INITIATE PREVENTIVE WORKS**

Criterion A/Criterion D: N/A  
Action By: N/A  
Further Study:  
Action By: N/A

### OTHER EXTERNAL ACTION

Check / repair Services:  
Action By: N/A  
Non-routine Maintenance:  
Action By: N/A

### eLPMIS

#### LPM/LPMit Details Report

LPM Study Feature No.: 7NW-A/CR 95  
Location: BEHIND A HOUSE INSIDE SAI HO YUEN, TSE DEI VILLAGE, LAM TSUEN, TAI PO  
District Council: Tai Po  
Maintenance Responsibility (At the Time of Selection): Private  
Responsible Party for Maintenance of Government Portion: N/A  
Private Lot No.: DD16 Lot124,DD16 Lot572

#### LPM/LPMit Study

Agreement No.: CE36/2013  
Study Type: Stage 2 Study  
Consultant: C M Wong & Associates Ltd.  
GEO Managing Section / Engineer: SS / SS1  
Study Status: Study completed  
Design Approach: N/A  
Option Assessment Accepted: N/A  
Study Report No.: S2R059/2016  
Programme / Actual Commencement: 18-03-2015  
Programme / Actual Completion: 08-09-2016  
Report Recommendation (For Stage 2 Study): DH Order  
District Check Status: N/A  
Checking Certificate No.: N/A  
GEO Engineer's Remarks: N/A

#### LPM/LPMit Works

Works Contract No.: N/A  
GEO Managing Section / Engineer: N/A / N/A  
Contractor: N/A



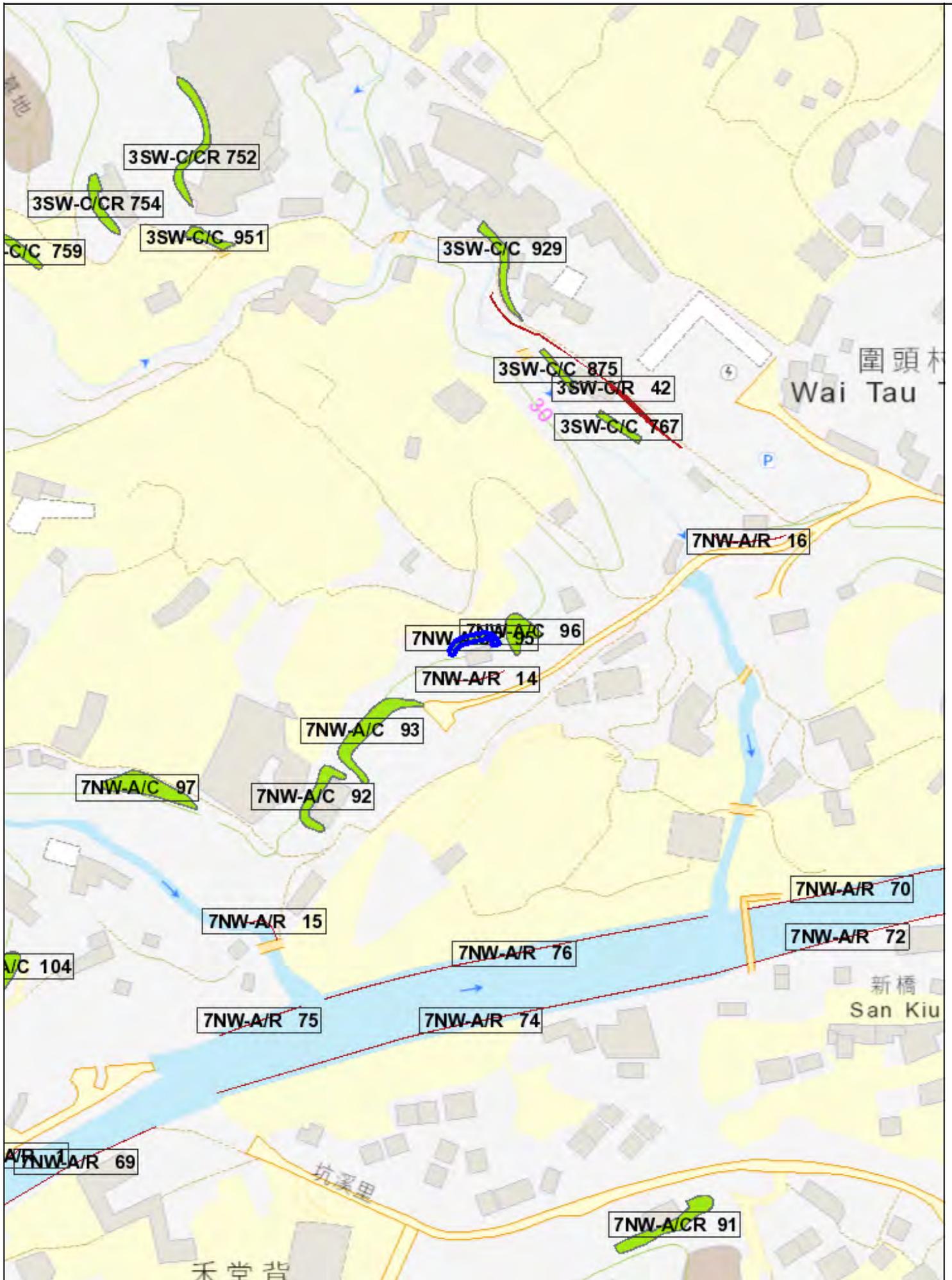
Progress Status:	N/A
Reason of Study Termination / Works Deletion (If Necessary):	N/A
Forecast Commencement Date:	N/A
Forecast Completion Date:	N/A
Completion Cert. Issued:	N/A
Site Handed Over to Maintenance Department on:	N/A
Estimated Cost for Upgrading (HK\$M):	N/A
Maintenance Manual No.:	N/A
Actual Works:	N/A
No. of Tree Felled:	N/A
No. of Tree Planted (Incl. Transplant):	N/A
% Bare of Slope Surfacing:	N/A
% Vegetated of Slope Surfacing:	N/A
% Shotcrete of Slope Surfacing:	N/A
Other Hard Surface of Slope Surfacing:	N/A

PHOTO



7NW-A/CR95

GENERAL VIEW



## BASIC INFORMATION

Location: IN FRONT OF HOUSE IN SAI HO YUEN, 72 TSE DEI TSUEN, TAI PO  
Registration Date: 30-09-1999  
Ranking Score (NPRS): 8 (Notional)  
Date of Formation: post-1977  
Date of Construction/ Modification:  
Data Source: SIRST  
Approximate Coordinates: Easting : 832850 Northing : 835924

## CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest: Residential building  
Distance of Facility from Crest (m): 2  
Facility at Toe: Densely-used sitting out area  
Distance of Facility from Toe (m): 0  
Consequence-to-life Category: 1  
Remarks: N/A

## SLOPE PART

N/A

## WALL PART

(1) Max. Height (m): 3 Length (m): 22 Face Angle (deg): 80

## MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: DD16 Lot572 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 01-09-1997

## DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 06-08-1998  
Data Source: SIRST  
Slope Part Drainage: N/A  
Wall Part Drainage: (1) Position: Toe Size(mm): 275

## SLOPE PART

N/A

## WALL PART

Wall Part (1)  
Type of Wall: Wall Material: Others Wall Location: Retaining wall with level platform  
Berm: No. of Berms: N/A Min. Berm Width (m): N/A  
Weepholes: Size (mm): N/A Spacing (m): N/A

### SERVICES

N/A

### CHECKING STATUS INFORMATION

N/A

### BACKGROUND INFORMATION

GIU Cell Ref.: 7NW2B3  
Map Sheet Reference (1:1000): 7NW- 2B  
Aerial Photos: A26647 (1991), A26648 (1991)  
Nearest Rainguage Station (Station Number): Booster Pumping Station, Hong Lok Yuen(N35)  
Data Collected On: 06-08-1998  
Date of Construction, Subsequent Modification and Demolition: Modification: Constructed Before: 1991 After: 1988  
Related Reports/Files or Documents: File/Report: PWDC Ref. No.: GCME4/1/2-3 f(19) pt.VI  
File/Report: PWDC Ref. No.: GCME4/1/2-3 f(19) pt.VI  
Remarks: N/A  
Follow Up Actions: N/A  
DH-Order (To Be Confirmed with Buildings Department): None  
Advisory Letter (To Be Confirmed with Buildings Department): None  
LPMIS: None

### ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 19/02/2025)

## STAGE 1 STUDY REPORT

Inspected On:

Weather:

District: ME

Section No: 1-1

Height(m):

Type of Toe Facility: Densely-used sitting out area

Distance from Toe(m): 0

Type of Crest Facility: Residential building

Distance from Crest(m): 2

Consequence Category:

Engineering Judgement:

Section No: 2-2

Type of Toe Facility:

Distance from Toe(m):

Type of Crest Facility:

Distance from Crest(m):

Consequence Category:

Engineering Judgement:

Sign of Seepage:

Criterion A satisfied:

Sign of Distress:

Criterion D satisfied:

Non-routine maintenance required:

Note:

Masonry wall/Masonry facing:

Note:

Consequence category (for critical section):

Observations: N/A

Emergency Action Required:

Action By: N/A

## ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A

Action By: N/A

Further Study:

Action By: N/A

## OTHER EXTERNAL ACTION

Check / repair Services:

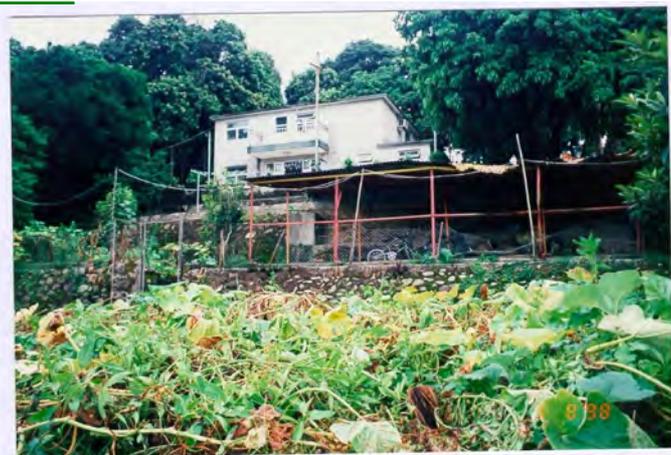
Action By: N/A



**Non-routine Maintenance:**

**Action By:** N/A

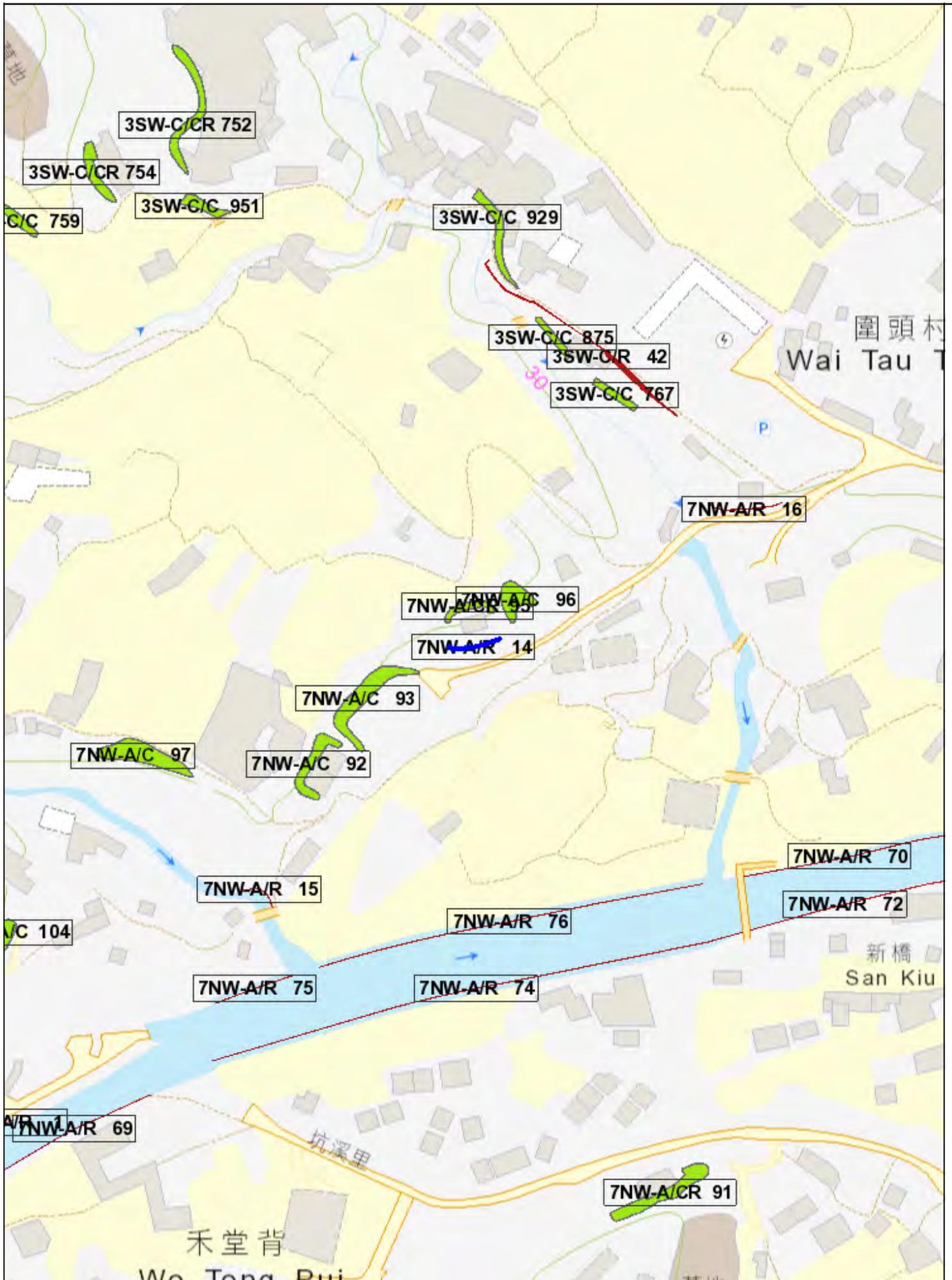
**PHOTO**



7NW-A/R14

GENERAL VIEW

F22



## **Appendix D**

Extraction of Previous GI Records



# Gold Ram Engineering & Development Limited

JOB NO. GE/2001/38  
 HOLE NO. DH/08/01  
 SHEET 1 of 2  
 DATE from 22.12.2001 to 27.12.2001

PROJECT **House No.16, Ngau Kwu Leng New Village, Ngau Kwa Leng, Tai Po, N.T. Feature No.: 7NW-A/C92**  
 Works Order No. GE200138/GI/02

METHOD	Rotary	CO-ORDINATES	ROCK CORE BIT	T2-101
Rig & No.	DR5	E 832,771.48 N 835,867.74	CASING	0.00m to 12.80m 115mm
FLUSHING MEDIUM	Air Foam	ORIENTATION	VERTICAL	GROUND LEVEL +31.16 m.P.D.

Drilling Progress	Casing depth/size	Water level/time/date	Water Recovery %	Total core Recovery %	Solid core Recovery %	R.Q.D.	Fracture Index	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
	115mm			84					T2-101					Light reddish brown to pinkish brown and grey to dark grey, subangular to subrounded GRAVEL and COBBLE size fragments of moderately to slightly decomposed tuff with a little light brown, light grey and light reddish brown, clayey, fine sandy silt matrix. (COLLUVIUM)
1				70					T2-101					
2				72					T2-101					
22.12.01														
24.12.01		DRY at 08:00								+29.16	2.00			Soft, brown to light reddish brown mottled yellow and white streaked black, clayey, slightly sandy SILT with some subangular to rounded gravel size fragments of moderately decomposed tuff. (COLLUVIUM)
3														
4														
5				85						+26.76	4.40			Extremely weak to locally very weak, light yellowish brown to light reddish brown dappled light grey streaked black, completely to highly decomposed TUFF with some gravel size fragments of weak highly decomposed tuff and manganese coated relic joints. (Firm, clayey, slightly fine sandy SILT with some gravel size fragments of rock).
6				100										
7		DRY at 06:00		98										
24.12.01		DRY at 08:00		100										
27.12.01														
8														
9				87										
10														
11														
12														

HOUSING LPN08A GPJ HK 02 GDT 23-01-02

- Small Disturbed Sample
- Large Disturbed Sample
- SPT Liner Sample
- ▨ U76 Undisturbed Sample
- ▩ U100 Undisturbed Sample
- ▧ Mazier Sample
- ▦ Piston Sample
- ▲ Water Sample
- ⊥ Water Level
- ⊕ Standard Penetration Test
- ⊖ Permeability Test
- ⊙ Plezometer Tip
- ⊕ Standpipe Tip
- ⊖ Pressuremeter Test
- ⊙ Impression Packer Test
- ⊖ Vane Shear Test

LOGGED M.Chiu  
 DATE 28.12.2001  
 CHECKED S.Flux  
 DATE 28.12.2001

REMARKS



# Gold Ram Engineering & Development Limited

JOB NO. GE/2001/38  
 HOLE NO. DH/08/01  
 SHEET 2 of 2  
 DATE from 22.12.2001 to 27.12.2001

PROJECT **House No.16, Ngau Kwu Leng New Village, Ngau Kwa Leng, Tai Po, N.T. Feature No.: 7NW-A/C92**  
**Works Order No.GE200138/GI/02**

METHOD	Rotary	CO-ORDINATES <b>E 832,771.48</b> <b>N 835,867.74</b>	ROCK CORE BIT	T2-101	
Rig & No.	DR5		CASING	0.00m to 12.80m 115mm	
FLUSHING MEDIUM	Air Foam	ORIENTATION	VERTICAL	GROUND LEVEL	+31.16 mP.D.

Drilling Progress	Casing depth/size	Water level/time/date	Water Recovery %	Total core Recovery %	Solid core Recovery %	R.Q.D.	Fracture Index	Tests	Samples			Reduced Level	Depth (m)	Legend	Grade	Description
									No.	Type	Depth					
				100					13	Disturbed	10.30					Same as Previous Page
				100					14	Disturbed	10.80					
				100					15	Disturbed	11.60					
	12.80 115mm			100					16	Disturbed	11.70					
									17	Disturbed	12.70					
									18	Disturbed	12.70	+18.36	12.80			End of hole at 12.80m.

HOUSING LPM08A GPJ HK 02 GDT 23-01-02

<ul style="list-style-type: none"> <li>● Small Disturbed Sample</li> <li>○ Large Disturbed Sample</li> <li>□ SPT Liner Sample</li> <li>▨ U76 Undisturbed Sample</li> <li>▩ U100 Undisturbed Sample</li> <li>▧ Mazler Sample</li> <li>▦ Piston Sample</li> <li>▲ Water Sample</li> </ul>	<ul style="list-style-type: none"> <li>z Water Level</li> <li>⊠ Standard Penetration Test</li> <li>⊡ Permeability Test</li> <li>⊞ Piezometer Tip</li> <li>⊞ Standpipe Tip</li> <li>⊞ Pressuremeter Test</li> <li>⊞ Impression Packer Test</li> <li>&lt; e-o &gt; Vane Shear Test</li> </ul>	LOGGED <u>M.Chiu</u> DATE <u>28.12.2001</u> CHECKED <u>S.Flux</u> DATE <u>28.12.2001</u>
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**REMARKS**  
 A standpipe piezometer was installed at 12.30m, with response zone from 11.30m to 12.80m.



# Gold Ram Engineering & Development Limited

JOB NO. GE/2001/38  
 HOLE NO. CH/08/01  
 SHEET 1 of 1  
 DATE from 27.12.2001 to 27.12.2001

PROJECT	House No.16, Ngau Kwu Leng New Village, Ngau Kwa Leng, Tai Po, N.T. Feature No.: 7NW-A/C92 Works Order No.GE200138/GU/02		
METHOD	Rotary	CO-ORDINATES	ROCK CORE BIT T2-101
Rig & No.	CORING MACHINE	E 832,777.34 N 835,868.41	CASING
FLUSHING MEDIUM	Water	ORIENTATION 0HORIZONTAL	GROUND LEVEL +25.84 mP.D.

Drilling Progress	Casing depth/size	Water level/ time/ date	Water Recovery %	Total core Recovery %	Solid core Recovery %	R.Q.D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
0				100					T2-101 0.20	+25.84	0.20	△		Strong, light grey spotted grey, CONCRETE with many subangular gravel size fragments of granite. (CONCRETE RETAINING WALL)
1									1 • 1.00					Soft to firm, light brown spotted white and light grey, clayey, slightly sandy SILT with some to many gravel size fragments of highly decomposed tuff and quartz. (COLLUVIUM)
2				5					2 • 2.00					2.00-3.00m: Recovered as medium gravel size fragments of highly decomposed tuff.
3									T2-101 3.00	+25.84	3.00			Soft to firm, light reddish to orangish brown, clayey, slightly fine sandy SILT with occasional gravel size fragments of highly decomposed tuff. (COLLUVIUM)
4									4 • 4.00					
5									5 • 5.00	+25.84	5.00			Soft, yellowish brown mottled yellow and grey streaked black, clayey, slightly sandy SILT with occasional to some gravel size fragments of completely to highly decomposed tuff. (COLLUVIUM)
27.12.01									6 • 6.00	+25.84	6.00			End of hole at 6.00m.
7														
8														
9														
10														

HOUSING LPM08A.GPJ HK 02.GDT 28-01-02

- Small Disturbed Sample
- Large Disturbed Sample
- SPT Liner Sample
- U75 Undisturbed Sample
- ▨ U100 Undisturbed Sample
- ▩ Mazier Sample
- ▭ Piston Sample
- ▲ Water Sample
- ✕ Water Level
- Standard Penetration Test
- Permeability Test
- Piezometer Tip
- Standpipe Tip
- Pressuremeter Test
- Impression Packer Test
- Vane Shear Test

LOGGED P.Procter  
 DATE 28.12.2001  
 CHECKED S.Flux  
 DATE 28.12.2001

REMARKS



# Gold Ram Engineering & Development Ltd

TRIAL PIT No.: TP/08/01

Excavation Date: 10.12.2001 - 12.12.2001.  
Backfill Date: 04.01.2002

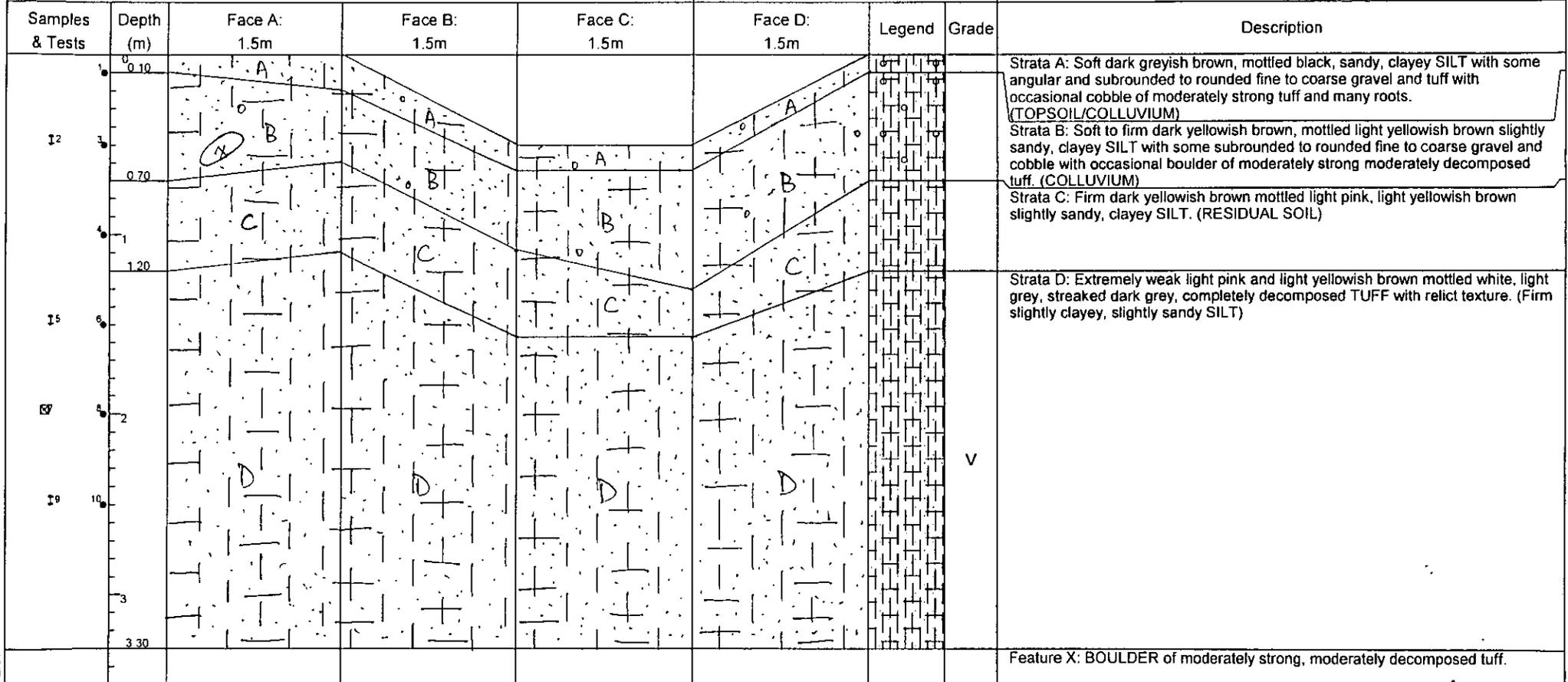
# TRIAL PIT RECORD

Co-ordinates: E 832,790.51 N 835,885.07  
Ground Level: +27.34 mPD

PROJECT Ground Investigation Works for Slopes in Tai Po and Yuen Long  
House No. 16, Ngau Kwu Leng New Village, Ngau Kwu Leng, Tai Po. Feature No. 7NW-A/C92

W.O. No.: GE 2001/38/GI/08  
Contract No.: GE/2001/38

Logged By: P.Procter Date: 18.12.2001  
Checked By: S.Flux Date: 20.12.2001



Symbol	Samples/Tests/Water	Plan (Not to Scale)	Remarks
•	Small Disturbed Sample	<p>Site plan showing trial pit location relative to houses, footpath, and vegetation. The trial pit is located between two houses (No. 16 and another house). A footpath is shown nearby. The trial pit is labeled TP/08/01. The plan also shows concrete, vegetation, and the trial pit faces A, B, C, and D.</p>	Trial pit terminated at 3.30m. Groundwater not encountered. Sides stable, shoring installed. 2 No. GCO probe tests were carried out prior to excavation. *Indicates qualitative assessment only. Depth of samples and termination refers to mid point of face B.
⊥	Bulk Disturbed Sample		
■	Undisturbed Horizontal Sample(U100/U76)		
▣	Undisturbed Vertical Sample(U100/U76)		
⊠	Block Sample		
∇	In-situ Density Test		
∩	Water Sample		
↕	Seepage		

TP (NEW) L0808-8 GPJ HK 03 GDT 24/12/01



# Gold Ram Engineering & Development Ltd

TRIAL PIT No.: TP/08/02

Excavation Date: 15.12.2001 - 17.12.2001.

Backfill Date: 31.12.2001

## TRIAL PIT RECORD

Co-ordinates: E 832,782.83

N 835,882.52

Ground Level: +28.45 mPD

PROJECT Ground Investigation Works for Slopes in Tai Po and Yuen Long  
House No. 16, Ngau Kwu Leng New Village, Ngau Kwu Leng, Tai Po Feature No 711W-A/C92

W.O. No.: GE 2001/38/GI/08

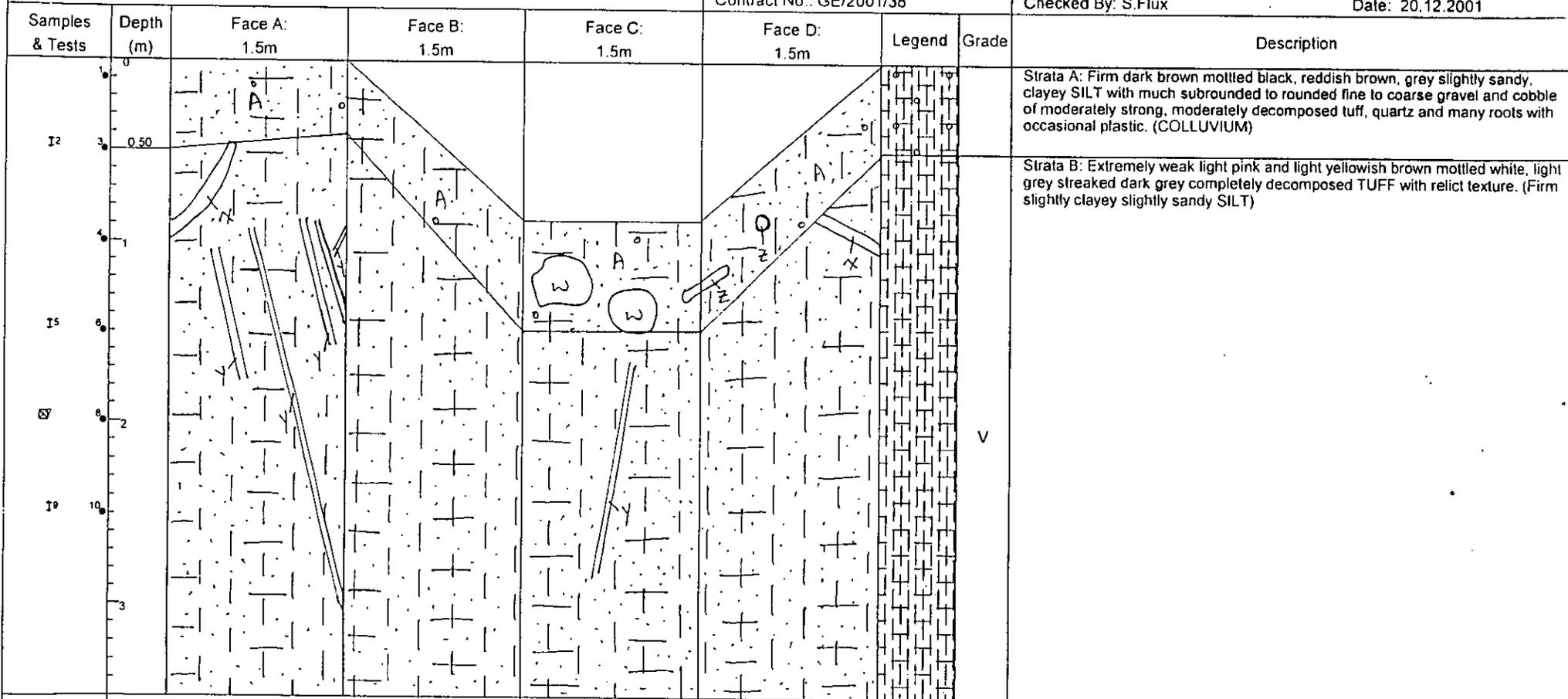
Contract No.: GE/2001/38

Logged By: P.Procter

Date: 18.12.2001

Checked By: S.Flux

Date: 20.12.2001



Symbol	Samples/Tests/Water	Plan (Not to Scale)	Remarks
•	Small Disturbed Sample		Trial pit terminated at 3.60m. Groundwater not encountered. Sides stable, shoring installed. 2 No. GCO probe tests were carried out prior to excavation. *Indicates qualitative assessment only. Depth of samples and termination refers to mid point of face B.
I	Bulk Disturbed Sample		
■	Undisturbed Horizontal Sample(U100/U76)		
▬	Undisturbed Vertical Sample(U100/U76)		
⊠	Block Sample		
v	In-situ Density Test		
▲	Water Sample		
↘	Seepage		

TP (NEW) L0808-8 GPJ HK\_03 GDT 24/12/01



# Gold Ram Engineering & Development Ltd

TRIAL PIT No.: TP/08/02

## TRIAL PIT RECORD

Excavation Date: 15.12.2001 - 17.12.2001.

Backfill Date: 31.12.2001

Co-ordinates: E 832,782.83

N 835,882.52

Ground Level: +28.45 mPD

**PROJECT**

Ground Investigation Works for Slopes in Tai Po and Yuen Long  
House No. 16, Ngau Kwu Long New Village, Ngau Kwu Long, Tai Po. Feature No. 7NW-A/C92

W.O. No.: GE 2001/38/GI/08

Contract No.: GE/2001/38

Logged By: P.Procter

Date: 18.12.2001

Checked By: S.Flux

Date: 20.12.2001

Samples & Tests	Depth (m)	Face A: 1.5m	Face B: 1.5m	Face C: 1.5m	Face D: 1.5m	Legend	Grade	Description
	3.60							
	4							Feature W: BOULDER of moderately strong, moderately decomposed tuff. Feature X: Quartz vein up to 100mm wide dipping 45°/270°. Feature Y: Quartz veins up to 15mm wide. Feature Z: Plastic pipe.
	5							
	6							

Symbol	Samples/Tests/Water	Plan (Not to Scale)	Remarks
•	Small Disturbed Sample		
1	Bulk Disturbed Sample		
■	Undisturbed Horizontal Sample(U100/U76)		
■	Undisturbed Vertical Sample(U100/U76)		
⊠	Block Sample		
v	In-situ Density Test		
▲	Water Sample		
∇	Seepage		

TP (NEW) L0808-8 GPJ HK\_03 GDT 20/12/01

# GOLD RAM ENGINEERING & DEVELOPMENT LTD.

## SLOPE STRIPPING LOG

Contract No. GE/2001/38

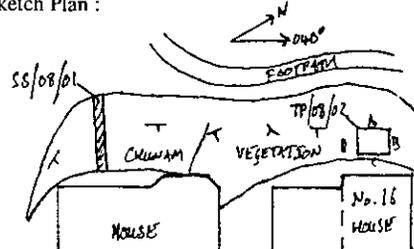
Works Order No: GE 2001/38/G1/08		Datum (Toe) Co-ordinates: E: 832777.18 N: 835868.60 Level: 26.06 mPD		Datum (Crest) Co-ordinates: E: 832774.18 N: 835869.62 Level: 31.29 mPD		Strip No. SS/08/01		
Project: House No. 16, Ngau Kwu Leng New Village, Ngau Kwu Leng, Tai Po						Slope No. 7NW-A/C92		
Date Started 17/12/2001		Date Completed 19/12/2001		Date Reinstated 16/01/2002		Logged By P. Procter		
						Checked By S. Flux		
Distance From Datum (m)	Slope Angle	Reduced Level (m.P.D.)	Samples and Tests	Description	Legend	Discontinuities		
						Dip Direction / Dip	Nature of Infilling	
1.10	60°	31.29	• • • • • •	Loose* dark yellowish brown mottled light yellowish brown, light grey, reddish brown subrounded occasionally subangular fine to coarse GRAVEL and COBBLE with occasional boulder of moderately strong and moderately weak moderately and highly decomposed tuff in a matrix of dark yellowish brown mottled reddish brown sandy clayey silt. (ALLUVIUM) ... from 1.30 to 1.80m boulder of concrete. (FILL)				
1.50	50°	30.34						
2.90	61°	30.03						
3.10	68°	28.81						2.90m
3.50		28.63						3.50m
4.20		28.26						4.20m
4.30	58°	27.61	•	Firm dark yellowish brown and dark reddish brown mottled light yellowish brown slightly sandy, clayey SILT with occasional angular fine gravel of tuff. (RESIDUAL SOIL) 4.20m				
		27.52	•	Moderately weak light grey and light yellowish brown mottled reddish brown highly decomposed TUFF. Joints are very closely spaced smooth planar extremely narrow with and manganese staining orientated 60°/040°, 85°/160°, 70°/230°				

Remarks: Chunam slope surface protection up to 20mm thick.

**Legend :**

- \* Indicates qualitative assessment
- # Indicates average dominant joint orientation
- Small Disturbed Sample

**Sketch Plan :**



**Sketch Section :**



# GOLD RAM ENGINEERING & DEVELOPMENT LTD.

## SLOPE STRIPPING LOG

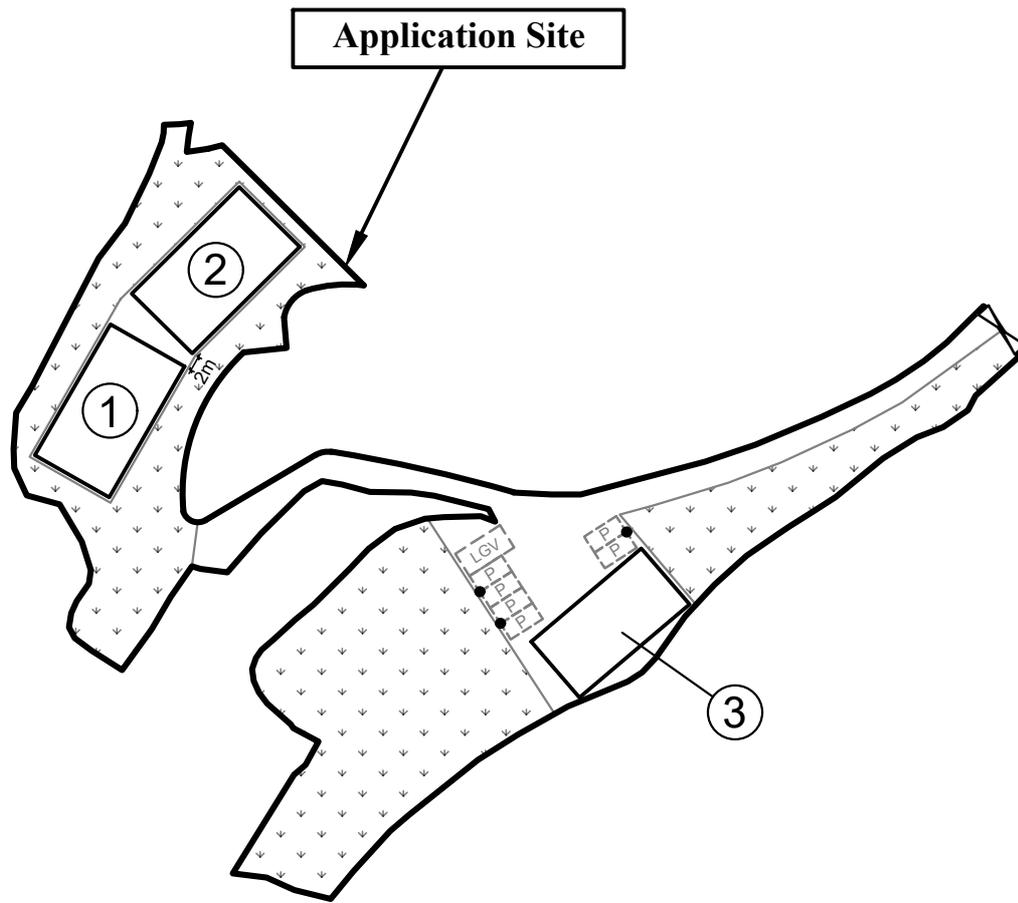
Contract No. GE/2001/38

Works Order No: GE 2001/38/G1/08		Datum (Toe) Co-ordinates: E: 832777.18 N: 835868.60 Level: 26.06 mPD		Datum (Crest) Co-ordinates: E: 832774.18 N: 835869.62 Level: 31.29 mPD		Strip No. SS/08/01		
Project: House No. 16, Ngau Kwu Leng New Village, Ngau Kwu Leng, Tai Po						Slope No. 7NW-A/C92		
Date Started 17/12/2001		Date Completed 19/12/2001		Date Reinstated 16/01/2002		Logged By P. Procter		
						Checked By S. Flux		
Distance From Datum (m)	Slope Angle	Reduced Level (m.P.D.)	Samples and Tests	Description	Legend	Discontinuities		
						Dip Direction / Dip	Nature of Infilling	
6.00	58°	26.06	(6 No.) • • • • • •	...from 5.30 to 6.00m with quartz veins up to 15mm wide.  6.00m	v v v v v v v v v v			
				End of slope strip at 6.00m.				
Remarks:								
Legend :			Sketch Plan :			Sketch Section :		
<ul style="list-style-type: none"> <li>* Indicates qualitative assessment</li> <li># Indicates average dominant joint orientation</li> <li>• Small Disturbed Sample</li> </ul>								

# **Appendix E**

Layout Plans of the Proposed  
Development





## Legend

 Vehicular Ingress / Egress

 Parking space for private cars  
(5m (L) x 2.5m (W))

 Parking space for light goods vehicle  
(7m (L) x 3.5m (W))

 Electric Vehicle Charging Pole

 Farming Area(about) : 2,357m<sup>2</sup> (61%)

 Paved Area(about) : 1,516m<sup>2</sup> (39%)

**Total Site Area(about) : 3,873m<sup>2</sup> (100%)**

No.	Uses	Floor Area (about)	Covered Area (about)	Storeys	Height
1	Multi-function room (Office and storage)	225 m <sup>2</sup>	225 m <sup>2</sup>	1	5m
2	Multi-function room (Office and storage)	225 m <sup>2</sup>	225 m <sup>2</sup>	1	5m
3	Meter room	186 m <sup>2</sup>	186 m <sup>2</sup>	1	4m
Total		<u>636 m<sup>2</sup></u>	<u>636 m<sup>2</sup></u>		

1:1000

### Layout Plan

**Goldrich Planners &  
Surveyors Ltd.**

January 2026

Lots 86, 90, 91(part), 92(part), 103(part), 147(part), 148 S.A(part),  
148 S.B(part), 149(part), 150 S.A, 151 S.A(part), 153(part),  
572 S.A(part), 572 S.B(part), 572 RP(part) and 576(part) in D.D. 16  
Tai Po, N.T.

**Plan 3  
( P 25001 )**