APPENDICES

Appendix I
Charitable Institution under Section 88 of the Inland Revenue Ordinance

OIR

税務局
香港灣仔告士打道 5 號
稅務大樓

來函編號:
Your Ref.:
來函請敘明本局檔案號碼
IN ANY COMMUNICATON PLEASE QUOTE OUR FILE NO.

檔案號碼: 91/16611
IR File No.:

INLAND REVENUE DEPARTMENT
REVENUE TOWER
5 GLOUCESTER ROAD, WAN CHAI,
HONG KONG.

網址 Web site: (http://www.ird.gov.hk)
來函請寄「香港郵政總局信箱 132 號稅務局局長收」
ALL CORRESPONDENCE SHOULD BE ADDRESSED TO—
COMMISSIONER OF INLAND REVENUE
G.P.O. BOX 132, HONG KONG.

電 話 Tel. No.	:	2594 5300
傳真號碼 Fax No.	:	2180 7446
電 郵 E-mail	:	taxinfo@ird.gov.hk

先生/女士:
Dear Sir/Madam,

現 證 實 由 2 0 1 9 年 1 0 月 1 5 日 起
This is to confirm that with effect from 15 October 2019

香港客家人文化協會有限公司
HK HAKKA CULTURAL ASSOCIATION LIMITED

因 屬 公 共 性 質 的 慈 善 機 構 或 慈 善 信 託 團 體 ,
being a charitable institution or trust of a public character,

故 可 根 據 《 稅 務 條 例 》 第 8 8 條 獲 豁 免 繳 稅 。
is exempt from tax under Section 88 of the Inland Revenue Ordinance.

稅務局局長（李鳳玲代行）
(Miss LEE Fung-ling)
for Commissioner of Inland Revenue

2019年 11月 2 1日

<u>附註</u> 本獲豁免繳稅證明書純粹是確認貴機構的免稅地位，而不是為符合非稅務用途的要求而發出，包括申請校舍、建校用地或空置公共屋邨非住宅單位；申請於活化計劃下使用政府歷史建築；申請種子基金成立社會企業及申請文娛活動的場租資助。

<u>Note</u> This tax exemption certificate solely serves as a confirmation of the tax exemption status of your organisation. It is not issued for fulfilling requirements of non-tax related purposes, including applications for school premises, school sites or vacant non-domestic premises in public housing estates, applications for the use of government-owned historic buildings under the revitalization scheme, applications for seed grants to set up social enterprises and applications for rental subsidy in respect of cultural activities.

效格 302 (6/2018)
I. R. 302 (6/2018)

Appendix II
Memorandum and Articles of Association

香港客家人文化中心章程

一. 名稱：本中心名為「香港客家人文化中心」，以下簡稱「本中心」。

二. 本中心設於香港新界八鄉元朗八鄉石湖塘前石湖學校舊址。

三. 宗旨：本中心成立的目的是「以老帶嫩」的承傳信念，積極推廣香港傳統及固有的客家人文化，讓元朗區及其他區域的居民(尤其是青少年)認識及欣賞香港的傳統客家人文化，同心協力用正能量建設香港。

四. 成員：凡持有香港出生證明文件的人士(18歲或以下人士須獲家長/監護人同意)，均可向本中心申辦組織「香港客家人文化協會有限公司」任何一位註冊成員登記成為本中心會員，並可擔任「香港客家人文化中心」委員會的職務(18歲或以下人士除外)。

五. 組織：(1) 本中心設有管理委員會，成員包括有主席一名、副主席人二名、秘書一名、財政一名、總務一名、稽核一名及其他無指定職務的成員若干名，而申辦組織「香港客家人文化協會有限公司」任何一位註冊成員均為當然成員。

(2) 所有委員會成員任期都是終身制，違反本中心章程而遭革除成員身份者除外。

(3) 各成員於產生後的首次會議上互選出任本章第（1）項

所述的職務。其後經委員會會議出席者超過三分之二通過，可以增加、減少或變動部分或全體成員的職務。

（4）委員會每三個月開例會一次。如有特殊事故，可在兩位正副主席或不少於四分之一委員要求下，召開特別會議。特別會議只討論及處理會議通知上列明的議程事項。例會及特別會議均以全體委員的五分之一作為法定會議人數。

（5）例會的開會通知期為會議前一星期，特別會議的通知期為兩個工作天。開會通告以電郵或 whatsApp 通知各成員。

（6）除本節第（3）項，或本港有關法例所規定的事項外，所有議決經出席委員簡單多數通過後，即時生效。

（7）委員如連續三次缺席會議而無合理解釋者，自動失去委員資格，委員會會公告有關詳情與全體成員。

（8）如有委員因迎逝世、辭職或其原因令致委員會出現空缺，委員會會因應當時情況和需要，決定是否需要增補人選。

六. 修章：本章程在兩位正副主席及委員會簡單多數通過後，得予修改。

Appendix III
Activities Organized by the Applicant

香港客家人文化協會
<u>支持規劃申請的理據</u>

<u>選址原因</u>
* 八鄉是元朗六鄉中最多客家圍村的地方，亦是最多客家人聚居之地；
* 公立石湖學校是八鄉投票站之一，地址容易令人知道在那裏；
* 公立石湖學校門口大空地方便停車或接送行動不便人士，不會阻塞交通。

<u>活動制定</u>
* 分享客家節日活動，例如賞月殺柚 – 寓意驅邪消災；拜月光 – 寓意驅邪消災；吃五仁月餅 – 寓意祈求祈禱五穀豐收、五彩繽紛的收穫和生活等。一些客家地區客在中秋節則有唱山歌、鬥山歌的活動。
* 客家人進行交流活動，如邀請不同地方（省份）客家人進行交流，或參觀其他客家村，加深新一代對客家文化了解。
* 介紹客家菜 – 包括介紹客家盤菜，小菜，米餅，客家粽子，雞屎籐的傳統做法，邀請不同人仕參與同時，也能深入了解客家文化。
* 客家話宣傳 – 組織客家話班，以老帶幼，傳承客家話，促進保留地方語言 。
* 籌組青少年舞麒麟訓練班客家有舞麒麟，也能深入了解客家文化。
* 舉辦客家歌舞表演、客家服飾秀等活動，讓大家全方位感受客家文化的魅力。

<u>活動室使用方向</u>
* 客家展覽館 – 分享客家文化，活動，食物 及 麒麟
* 客家話宣傳班，靜態交流活動
* 配合博愛醫院中醫流動醫療車停泊，為八鄉區老人提供義診，量血壓 及 物理治療等
* 配合政府部門，提供不同講座，如防火意識，行山注意，提防小偷，防電騙，垃圾分類，環保等等

<u>空地使用方向</u>
* 客家節日活動 – 例如賞月殺柚，拜月光
* 青少年舞麒麟訓練班
* 舉辦客家歌舞表演、客家服飾秀等活動
* 分類回收箱

Appendix IV
Drainage Proposal

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

Jul 2024

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

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PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD
OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW
TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

1. Introduction

1.1 Background

1.1.1 The applicant seeks planning permission from the Town Planning Board (the Board) to use the Former Shek Wu School (Government Land (GL) in D.D. 106, Kam Tin, Yuen Long, New Territories) (the Site) for 'Proposed Temporary Social Welfare Facility with Ancillary Facilities for a Period of 5 Years' (Proposed Development).

1.1.2 This Drainage Proposal is to support the planning application for the proposed use.

1.2 The Site

1.2.1 The Application Site was former Shek Wu School located beside Kam Sheung Road. It has an area of about 1,940 m². The site is currently occupied by old school buildings with some greenery. The site location plan is shown in **Figure 1**.

1.2.2 The existing ground level of the site is approx. +12 mPD and it is intended to keep it unchanged. The site and the surrounding area are generally flat.

1.2.3 There is an existing approx. 1.2m width channel beside Kam Sheung Road. Existing Drainage Plan and Site Photo of existing channel are shown in **Figure 2** for reference.

1.2.4 Proposed Development Layout plan is shown in **Appendix B** for reference.

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

2. Development Proposal

2.1 The Proposed Development

2.1.1 The total site area is approximately 1,940 m². The indicative development schedule is summarized in **Table 1** below for technical assessment purpose. Catchment Plan is shown in Figure 4.

Proposed Development	
Total Site Area (m²)	1,940
Paved Area (m²) Assume all proposed site area as paved area for assessment purpose	1,940

Table 1 - Key Development Parameters

3. Assessment Criteria

3.1.1 The Recommended Design Return Period based on Flood Level from SDM (Table 10) is adopted for this DIA. The recommendation is summarized in **Table 2** below.

Description	Design Return Periods
Intensively Used Agricultural Land	2 – 5 Years
Village Drainage Including Internal Drainage System under a polder Scheme	10 Years
Main Rural Catchment Drainage Channels	50 Years
Urban Drainage Trunk System	200 Years
Urban Drainage Branch System	50 Years

Table 2– Design Return Periods under SDM

3.1.2 The proposed village drainage system intended to collect runoff from the internal site and discharge to existing approx. 1m width channel at the south of the site. 1 in 10 years return period is adopted for the drainage design.

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

3.1.3 Stormwater drainage design will be carried out in accordance with the criteria set out in the Stormwater Drainage Manual published by DSD. The proposed design criteria to be adopted for design of this stormwater drainage system and factors which have been considered are summarised below.

1. Intensity-Duration-Frequency Relationship – The Recommended Intensity-Duration-Frequency relationship is used to estimate the intensity of rainfall. It can be expressed by the following algebraic equation.

$$i = \frac{a}{(t_d + b)^c}$$

The site is located within the HKO Headquarters Rainfall Zone. Therefore, for 10 years return period, the following values are adopted.

a	=	485
b	=	3.11
c	=	0.397

(Corrigendum_No.1/2024)

2. The peak runoff is calculated by the Rational Method
   i.e. $Q_p = 0.278CiA$

where	Q_p	=	peak runoff in m^3/s
	C	=	runoff coefficient (dimensionless)
	i	=	rainfall intensity in mm/hr
	A	=	catchment area in km^2

3. The run-off coefficient (C) of surface runoff are taken as follows:

   ● Paved Area: C = 0.95
   ● Unpaved Area: C = 0.35

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

4. Manning's Equation is used for calculation of velocity of flow inside the channels:

Manning's Equation: $v = \dfrac{R^{\frac{1}{6}}}{n} R^{\frac{1}{2}} S_f^{\frac{1}{2}}$

Where,

V = velocity of the pipe flow (m/s)
S_f = hydraulic gradient
n = manning's coefficient
R = hydraulic radius (m)

5. Colebrook-White Equation is used for calculation of velocity of flow inside the pipes:

Colebrook-White Equation: $\underline{v} = -\sqrt{32gRS} \, log \, log \, (\dfrac{k_s}{14.8R} + \dfrac{1.255v}{R\sqrt{32gRS_f}})$

where,

V	=	velocity of the pipe flow (m/s)
S_f	=	hydraulic gradient
k_f	=	roughness value (m)
v	=	kinematics viscosity of fluid
D	=	pipe diameter (m)
R	=	hydraulic radius (m)

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

Drainage Appraisal

4. Proposed Drainage System

4.1.1 Proposed drainage system are designed for collection of runoff from the application site and to discharge to existing approx. 1.2m width channel beside Kam Sheung Road. The alignment, size and gradient of the proposed drains are shown in **Figure 3**. The catchment plan is shown in **Figure 4**.

4.1.2 The design calculations of proposed drains and checking of existing 1.2m channel are shown in **Appendix A**.

4.1.3 The reference standard drawings of drains are shown in **Appendix C**.

5. Conclusion

5.1.1 A drainage appraisal has been conducted for the Proposed Development. The surface runoff from the Application Site will be collected by the proposed drains and discharged to the existing channel beside Kam Sheung Road.

5.1.2 With the proposed drainage system, it is anticipated that there will be no significant drainage impact to the area after the implementation of the development.

- End of Text -

FIGURES
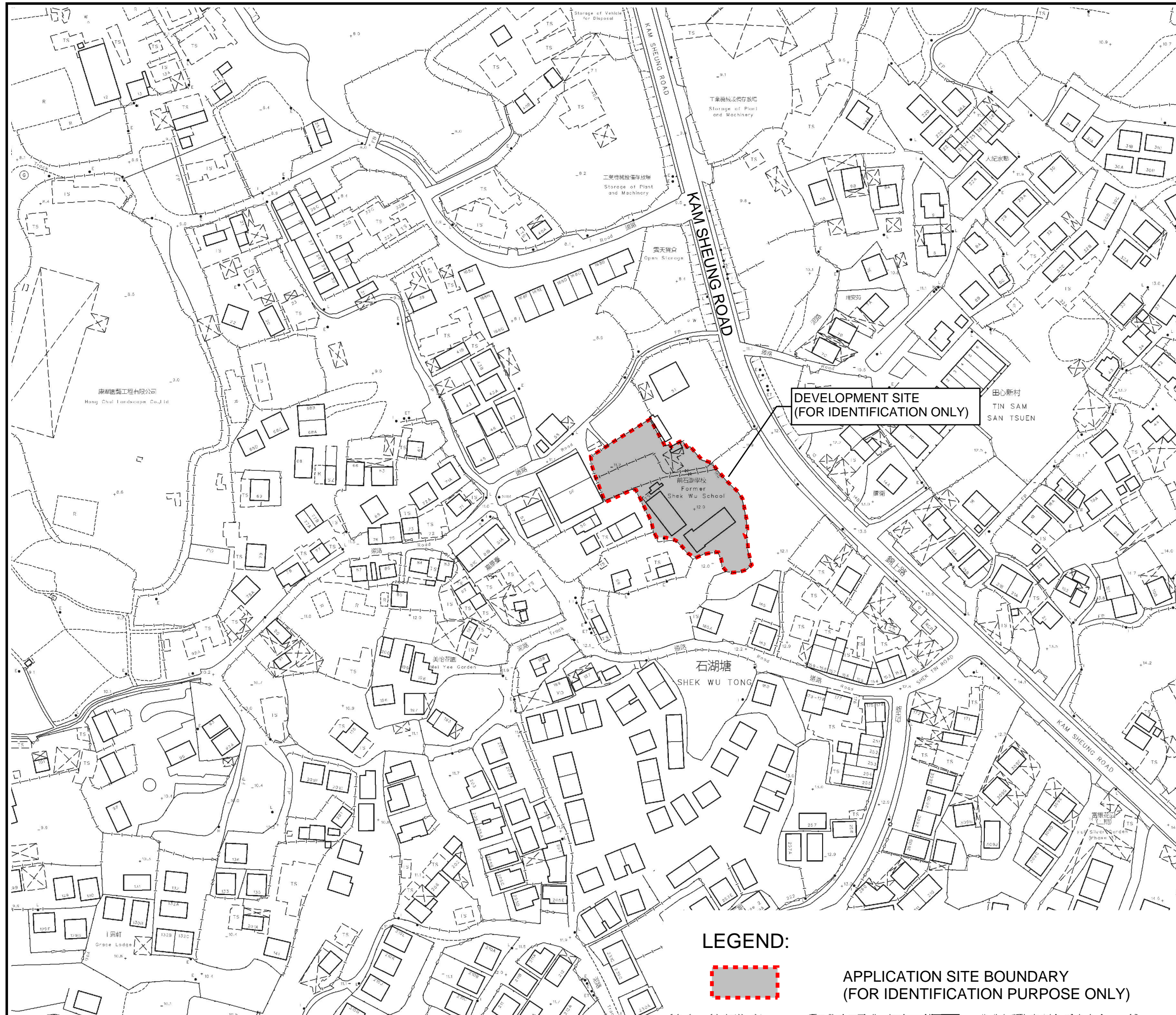
PROJECT:
PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)
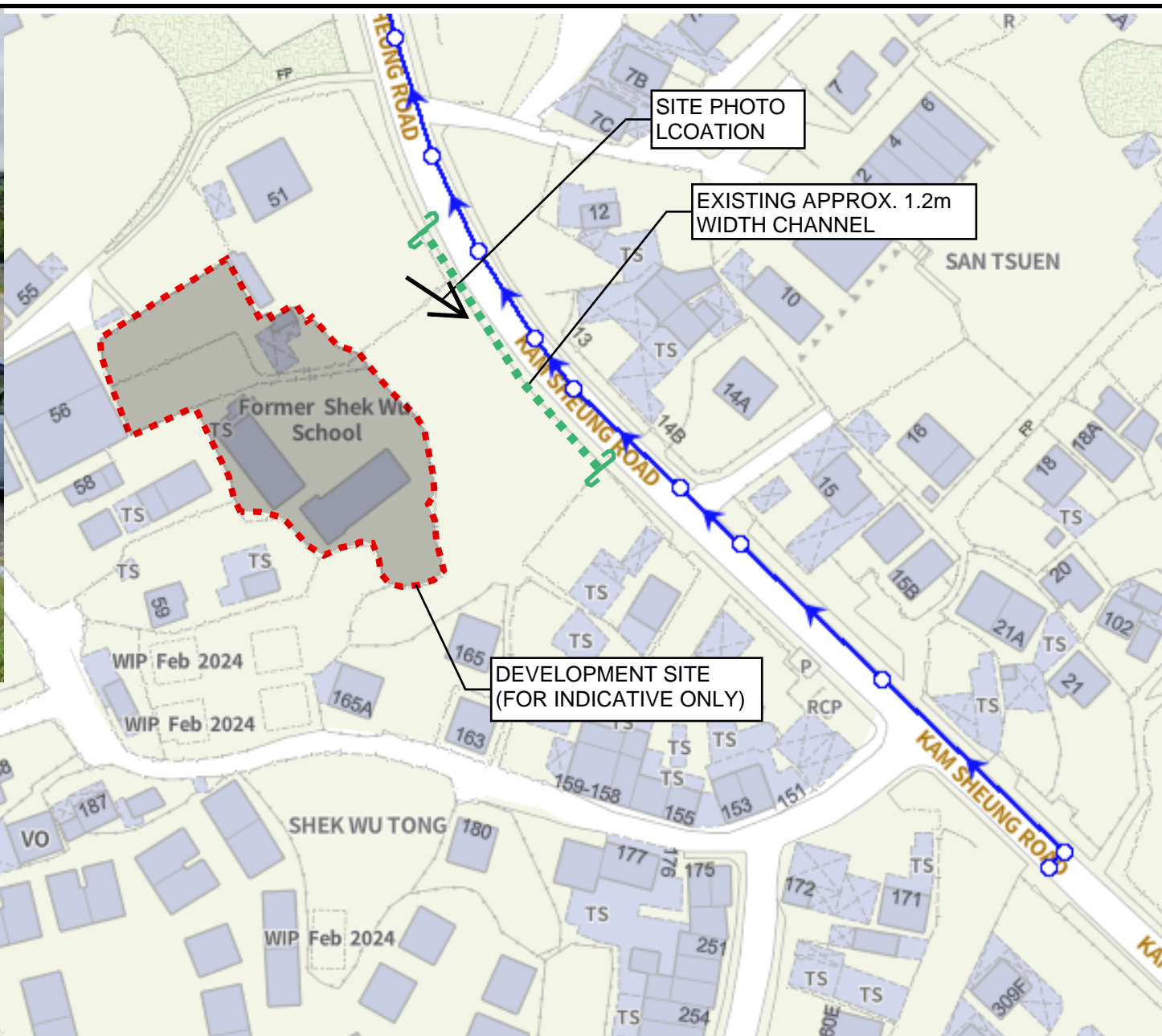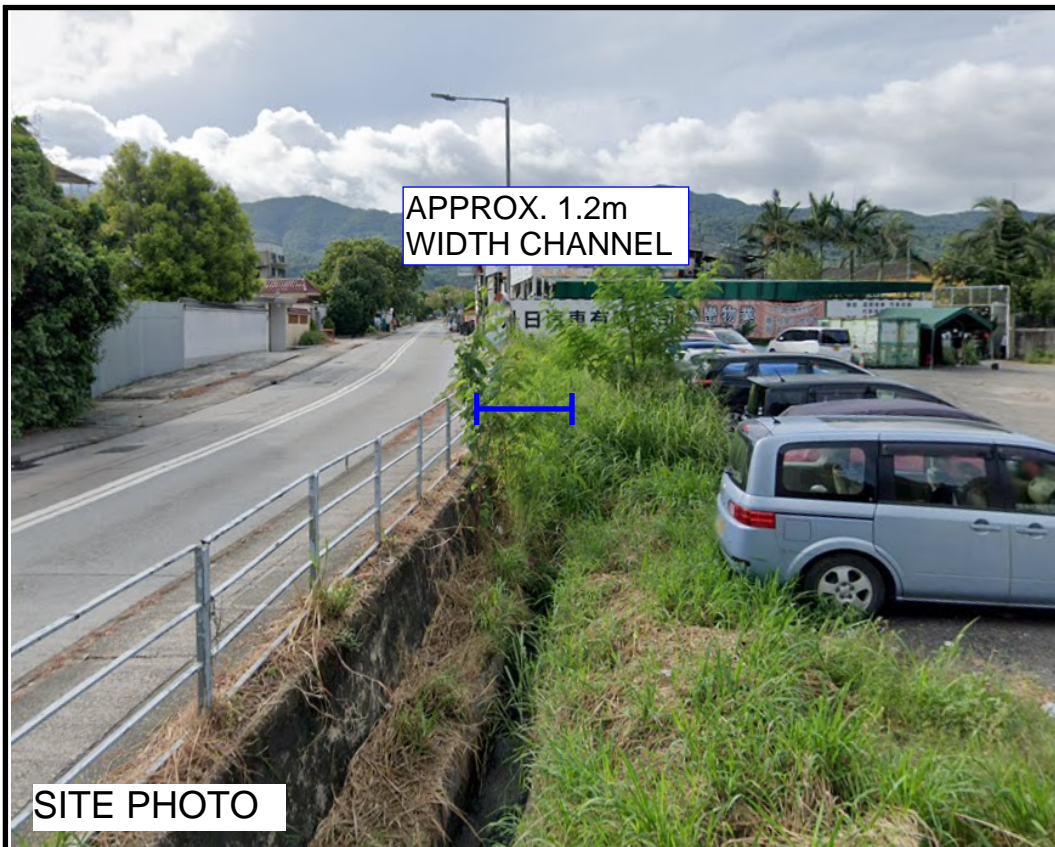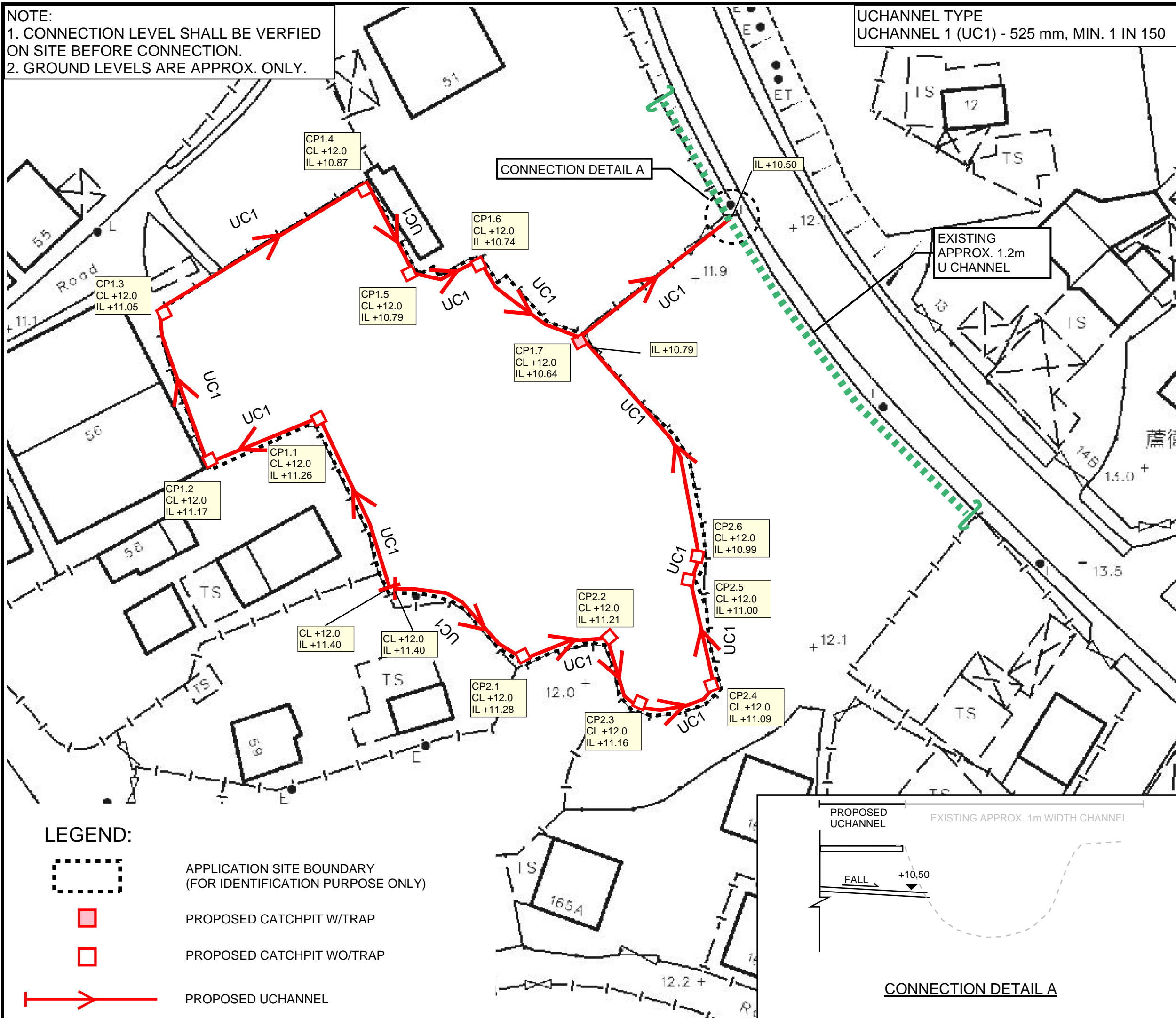
DEVELOPMENT SITE
(FOR IDENTIFICATION ONLY)

REV	DESCRIPTION	DATE

DRAWING TITLE
SITE LOCATION PLAN

DRAWING NUMBER
FIGURE 1

LEGEND:

APPLICATION SITE BOUNDARY
(FOR IDENTIFICATION PURPOSE ONLY)

APPROX. 1.2m WIDTH CHANNEL

SITE PHOTO

SITE PHOTO LCOATION

EXISTING APPROX. 1.2m WIDTH CHANNEL

SAN TSUEN

DEVELOPMENT SITE (FOR INDICATIVE ONLY)

Former Shek Wu School

Mei Yee Garden

SHEK WU TONG

WIP Feb 2024

PROJECT:
PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

LEGEND:

◪	Combined Manhole	H	Tapping Point (Sewer)	H	Tapping Point (Storm)
℃	Overflow (Combined)	▣	Sewer Terminal Manhole	◉	Storm Water Terminal Manhole
▬	Pipe (Combined)	●	Catchpit	▨	Tunnel Protection Zone (100m / 200m)
⊠	Interface Valve Chamber	⊢	Inlet	▨	Tunnel Protection Zone (General Range)
▢	Sewer Manhole	○	Storm Water Manhole	▦	Tunnel / Box Culvert (Sewer)
▭	Oil / Petrol Interceptor	⊢⊣	Outlet	▦	Tunnel / Box Culvert (Storm)
℃	Overflow (Sewer)	▬	Pipe (Storm)		
▬	Pipe (Sewer)	▭▭	Sand Trap	◄----	EXISTING CHANNEL

REV	DESCRIPTION	DATE

DRAWING TITLE
EXISTING DRAINAGE PLAN

DRAWING NUMBER
FIGURE 2

NOTE:
1. CONNECTION LEVEL SHALL BE VERFIED ON SITE BEFORE CONNECTION.
2. GROUND LEVELS ARE APPROX. ONLY.

UCHANNEL TYPE
UCHANNEL 1 (UC1) - 525 mm, MIN. 1 IN 150

CONNECTION DETAIL A

IL +10.50

EXISTING APPROX. 1.2m U CHANNEL

CP1.4
CL +12.0
IL +10.87

CP1.6
CL +12.0
IL +10.74

CP1.3
CL +12.0
IL +11.05

CP1.5
CL +12.0
IL +10.79

CP1.7
CL +12.0
IL +10.64

IL +10.79

CP1.1
CL +12.0
IL +11.26

CP1.2
CL +12.0
IL +11.17

CP2.6
CL +12.0
IL +10.99

CP2.5
CL +12.0
IL +11.00

CP2.2
CL +12.0
IL +11.21

CL +12.0
IL +11.40

CL +12.0
IL +11.40

CP2.1
CL +12.0
IL +11.28

CP2.4
CL +12.0
IL +11.09

CP2.3
CL +12.0
IL +11.16

PROJECT:
PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

LEGEND:

APPLICATION SITE BOUNDARY
(FOR IDENTIFICATION PURPOSE ONLY)

PROPOSED CATCHPIT W/TRAP

PROPOSED CATCHPIT WO/TRAP

PROPOSED UCHANNEL

PROPOSED UCHANNEL

EXISTING APPROX. 1m WIDTH CHANNEL

FALL   +10.50

CONNECTION DETAIL A
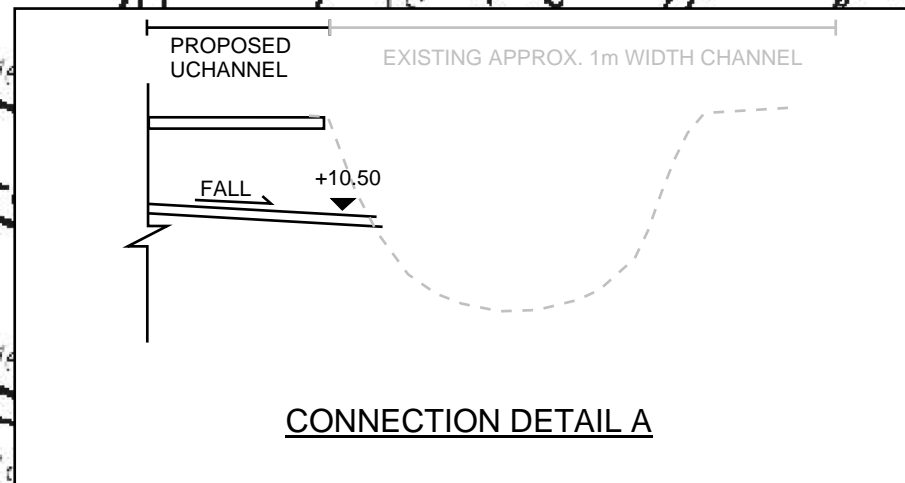
REV | DESCRIPTION | DATE

DRAWING TITLE
PROPOSED DRAINAGE SYSTEM

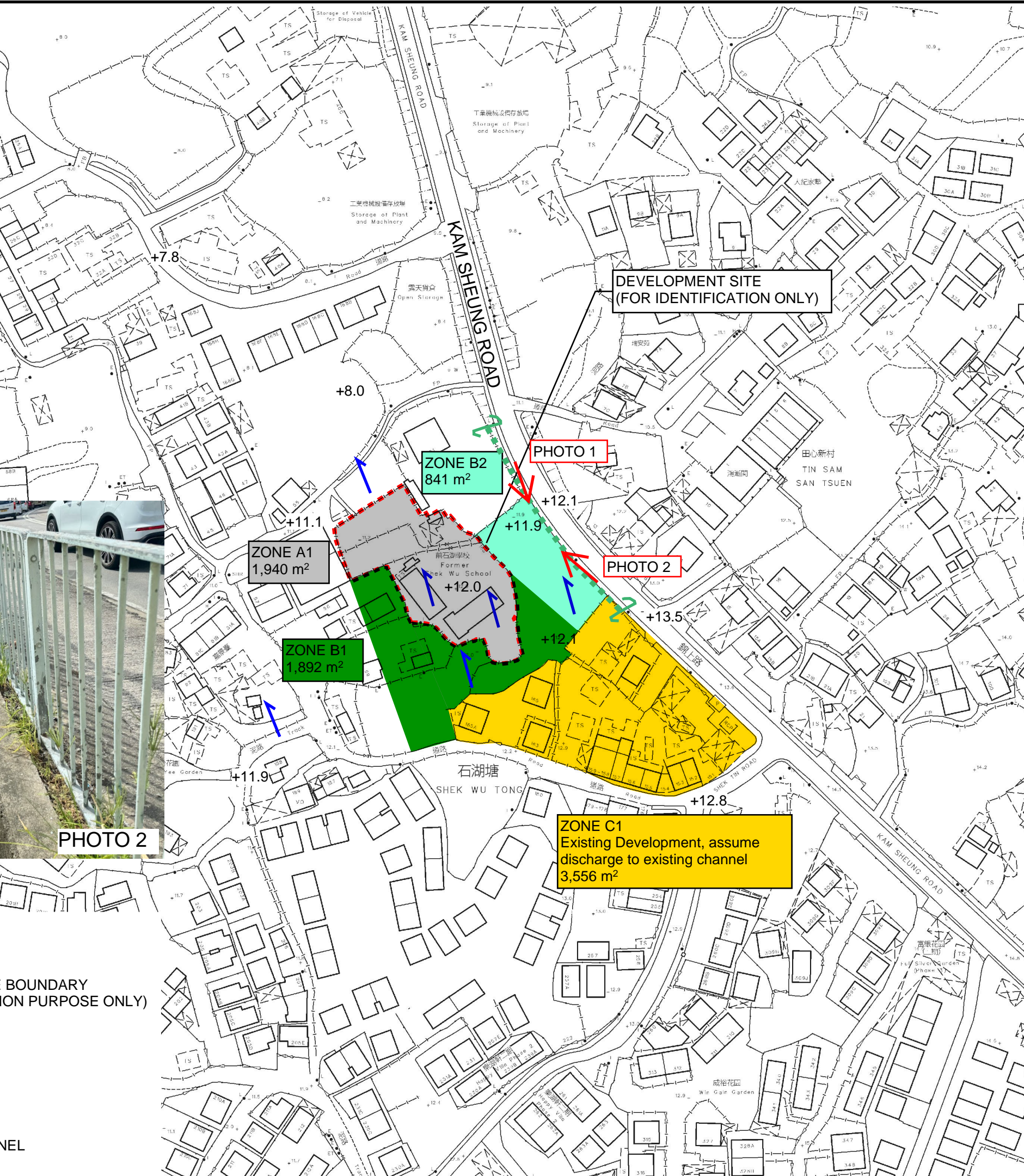DRAWING NUMBER
FIGURE 3A

APPROX. 1.2m WIDTH CHANNEL

PHOTO 1

APPROX. 1.2m WIDTH CHANNEL

PHOTO 2

KAM SHEUNG ROAD

DEVELOPMENT SITE (FOR IDENTIFICATION ONLY)

ZONE B2
841 m²

PHOTO 1

+12.1

+11.9

ZONE A1
1,940 m²
Former Shek Wu School
+12.0

PHOTO 2

+13.5

ZONE B1
1,892 m²

+12.1

TIN SAM SAN TSUEN

+7.8

+8.0

+11.1

+11.9

ZONE C1
Existing Development, assume discharge to existing channel
3,556 m²

SHEK WU TONG

+12.8

PROJECT:
PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS, LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES (FORMER SHEK WU SCHOOL)

REV	DESCRIPTION	DATE

DRAWING TITLE
CATCHMENT PLAN

DRAWING NUMBER
FIGURE 4A

LEGEND:

APPLICATION SITE BOUNDARY (FOR IDENTIFICATION PURPOSE ONLY)

+11.1   EXISTING LEVELS

FALL

EXISTING U CHANNEL

Appendix

Appendix A - Design Calculation

U Channel 1 (ZONE A1 + B1 + B2)

Runoff Estimation

		1 in	10	years
Design Return Period		1 in	10	years
Paved Area	1940 + 1892 + 841=		4673	(m2)
Unpaved Area			0	(m2)
Total Equivalent Area	2898 x 0.95 + 0 x 0.35 =		4439	(m2)
Rainfall Intensity, I *			240	mm/hr
Design Discharge Rate, Q	0.278 x 4439 x 240 / 1000000 =		0.296	m3/s

$$\star \quad i = \frac{a}{(t_d + b)^c}$$

U Channel

Channel Size			525	(mm)
Gradient		1 in	150	
Area	π x 0.53^2 /8 + 0.53 x 0.53/2 =		1.350	(m2)
Wetted Perimeter	π x 0.53 / 2 + 0.53/2 x 2 =		0.182	(m)
R	1.35 / 0.182 =		1.641	(m)
Velocity	$v = \frac{R^{\frac{1}{6}}}{n} R^{\frac{1}{2}} S_f^{\frac{1}{2}}$		1.64	m/s
Capacity			0.404	m3/s

where n = 0.016 (Concrete Channel in Fair Conditions)

Utilitization	0.296 / 0.404	=	**73.24**	%	OK	(less than 90%, for 10% siltation allowance)

Checking for Existing 1.2m Channel (Zone [A1 + B1 + B2] + C1)

Runoff Estimation

		1 in	10	years
Design Return Period		1 in	10	years
Paved Area	4673 + 3556 x 1 =		8229	(m2)
Unpaved Area			0	(m2)
Total Equivalent Area	8229 x 0.95 + 0 x 0.35 =		7818	(m2)
Rainfall Intensity, I *			240	mm/hr
Design Discharge Rate, Q	0.278 x 0 x 240 / 1000000 =		0.521	m3/s

$$\star \quad i = \frac{a}{(t_d + b)^c}$$

U Channel

Channel Size			1200	(mm)
Gradient		1 in	200	
Velocity			2.47	m/s
Capacity			3.169	m3/s

Utilization	0.521 / 3.169	=	**16.43**	%	OK	(less than 90%, for 10% siltation allowance)

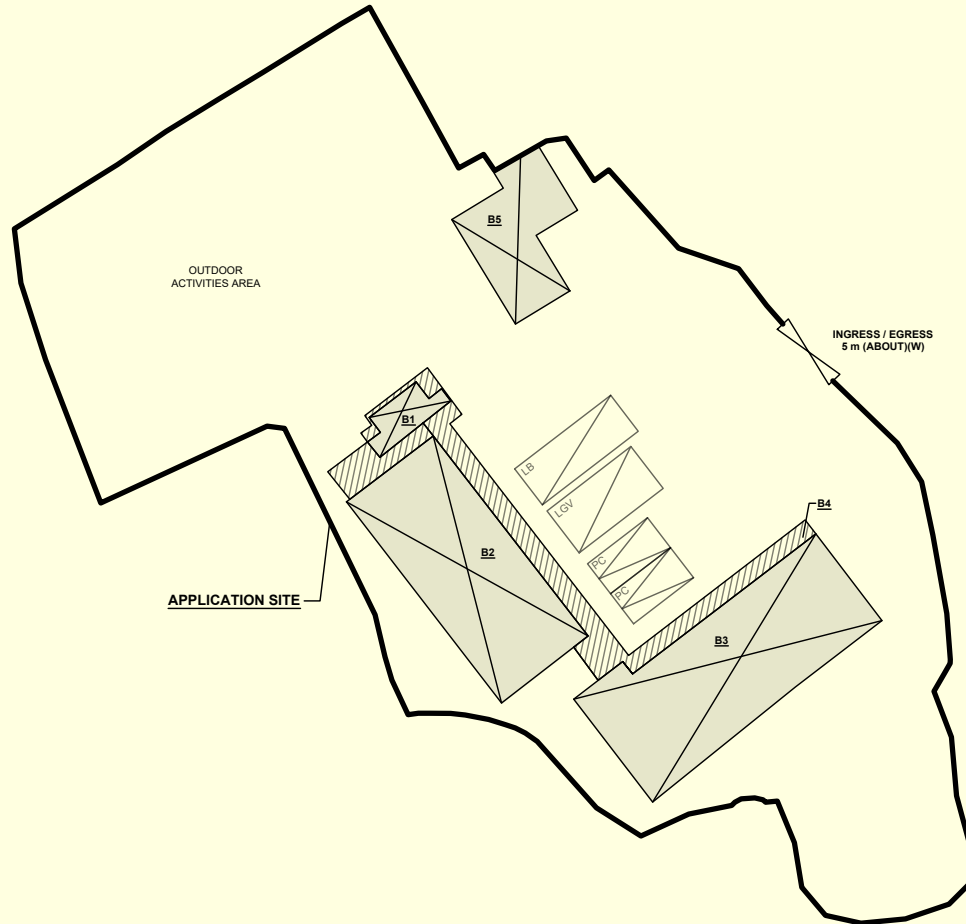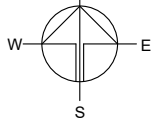## Time of Concentration for Catchement from B1 to the Site

Catchment	Flow Distance	Highest Level	Lowest Level	Gradient (per 100m) = (H1-H2)/L x 100	to (min) = 0.14465L/ (H^{0.2}A^{0.1})	tc = to + tf
A	L			H		
(m2)	(m)	(mPD)	(mPD)		(min)	(min)
1892	32.5	12.1	12	0.308	2.80	2.80

DEVELOPMENT PARAMETERS

APPLICATION SITE AREA	: 1,940 m²	(ABOUT)
COVERED AREA	: 394 m²	(ABOUT)
UNCOVERED AREA	: 1,546 m²	(ABOUT)
PLOT RATIO	: 0.2	(ABOUT)
SITE COVERAGE	: 20 %	(ABOUT)
NO. OF STRUCTURE	: 5	
DOMESTIC GFA	: NOT APPLICABLE	
NON-DOMESTIC GFA	: 394 m²	(ABOUT)
TOTAL GFA	: 394 m²	(ABOUT)
BUILDING HEIGHT	: 3 m - 6 m	(ABOUT)
NO. OF STOREY	: 1	

		AREA	AREA	HEIGHT
B1	WASHROOM AND STORE ROOM	12m² (ABOUT)	12 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
B2	YOUTH ACTIVITY CENTRE	121 m² (ABOUT)	121 m² (ABOUT)	6 m (ABOUT)(1-STOREY)
B3	ELDERLY ACTIVITY CENTRE, OFFICE	146 m² (ABOUT)	146 m² (ABOUT)	6 m (ABOUT)(1-STOREY)
B4	COVERED CORRIDOR	65 m² (ABOUT)	65 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
B5	WASHROOM AND STORE ROOM	50 m² (ABOUT)	50 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
	TOTAL	**394 m² (ABOUT)**	**394 m² (ABOUT)**	

OUTDOOR ACTIVITIES AREA

INGRESS / EGRESS 5 m (ABOUT)(W)

APPLICATION SITE

B5
B1
B2
B3
B4
LB
LGV
PC
PC

PARKING AND LOADING / UNLOADING PROVISIONS

NO. OF PRIVATE CAR PARKING SPACE	: 2
DIMENSION OF PARKING SPACE	: 5 m (L) x 2.5 m (W)
NO. OF L/UL SPACE FOR LIGHT GOODS VEHICLE	: 1
DIMENSION OF L/UL SPACE	: 7 m (L) x 3.5 m (W)
NO. OF L/UL SPACE FOR LIGHT BUS	: 1
DIMENSION OF L/UL SPACE	: 8 m (L) x 3 m (W)

LEGEND

- APPLICATION SITE
- STRUCTURE (ENCLOSED)
- STRUCTURE (NOT ENCLOSED)
- PARKING SPACE (PC)
- LOADING / UNLOADING SPACE (LGV)
- LOADING / UNLOADING SPACE (LB)
- INGRESS / EGRESS

PLANNING CONSULTANT

R-Riches Property Consultants Ltd.

PROJECT

PROPOSED TEMPORARY PLACE OF RECREATION, SPORTS OR CULTURE WITH ANCILLARY FACILITIES FOR A PERIOD OF 5 YEARS

SITE LOCATION

LOTS 2063 AND 2064 IN D.D. 106 AND ADJOINING GOVERNMENT LAND, KAM TIN, YUEN LONG, NEW TERRITORIES

(FORMER SHEK WU SCHOOL)

SCALE		
1 : 500 @ A4		
DRAWN BY		DATE
MN		20.6.2024
REVISED BY		DATE
APPROVED BY		DATE

DWG. TITLE
LAYOUT PLAN

DWG NO.	VER.
PLAN 4	001

W — E
S

4 NOS. STAINLESS STEEL GRATING FIXED TO BOTTOM SLAB BY STAINLESS STEEL SCREWS

20 x 20 CHAMFER

STEPPED CHANNEL

U-CHANNEL

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT

FALL

500 + GREATER OF H1 OR H2

H1

FALL

H2

STEPPED OR U-CHANNEL OR PIPE

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT

FALL

U-CHANNEL

H3

H4

500 + GREATER OF H3 OR H4

PLAN
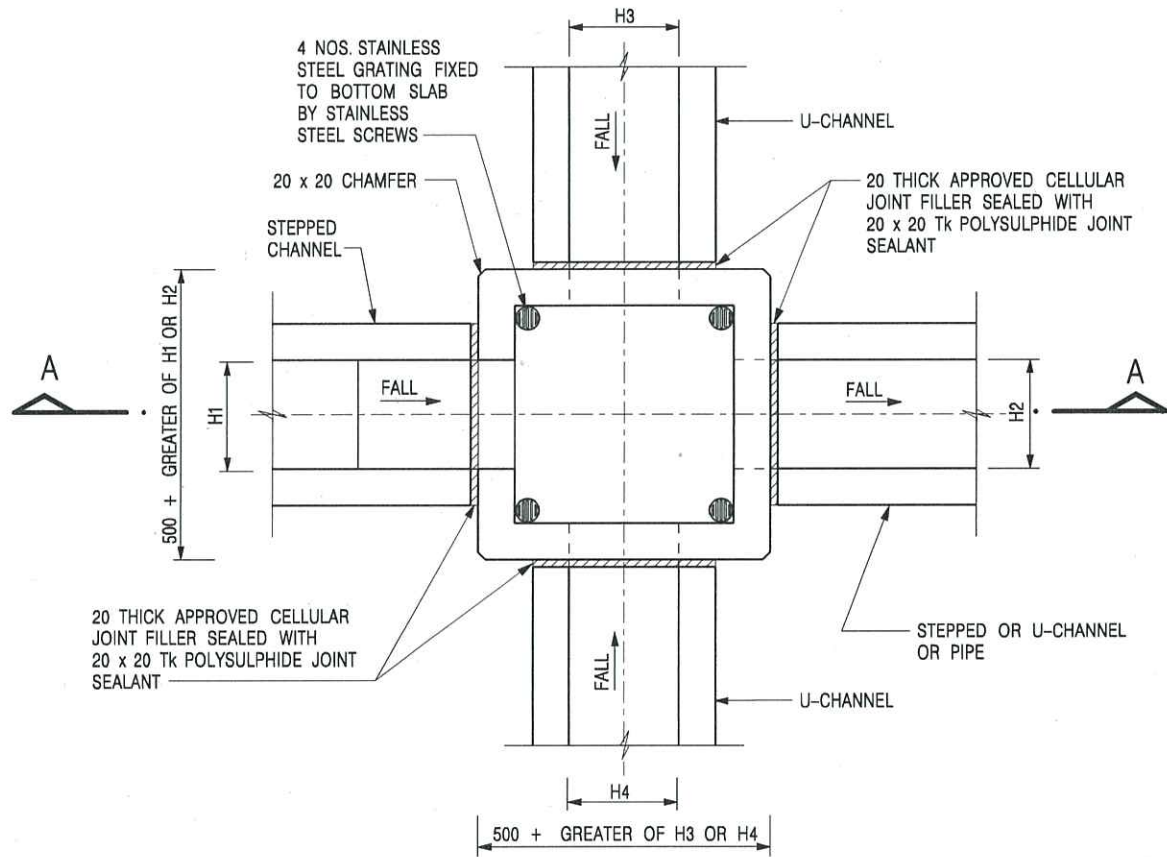
NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
300 – 600	150
675 – 900	175

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT

100

100 MIN.

20 x 20 CHAMFERS ON ALL SIDES

A252 MESH OR EQUIVALENT

350 (OR 650 FOR CATCHPIT CONSTRUCTED ON OR ADJACENT TO A FOOTPATH)

FALL

300 BELOW LOWEST INVERT

FALL

B

25 DIA. DRAIN PIPES

SECTION A - A
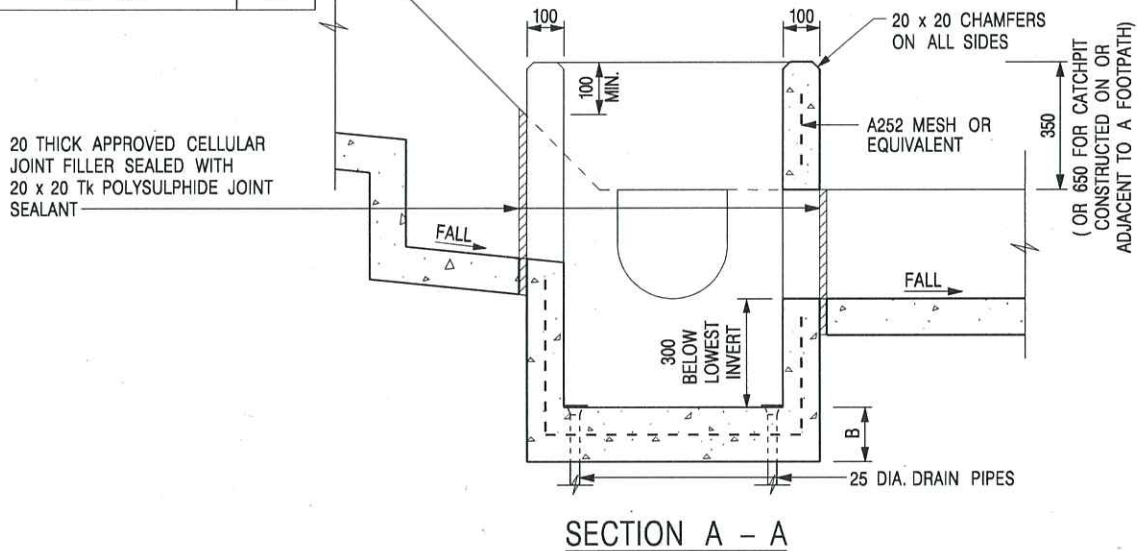
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. REFER TO SHEET 2 FOR OTHER NOTES.

REF.	FORMER DRG. NO. C2406J.	Original Signed	03.2015
–	REVISION	SIGNATURE	DATE

CATCHPIT WITH TRAP

(SHEET 1 OF 2)

CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 20	DRAWING NO.
DATE JAN 1991	C2406 /1

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DEPTH OF RECESS AND DETAILS OF
PRECAST CONCRETE COVERS
(SEE STD. DRG. NO. C2407)

50   50   60 FOR
STEEL GRATINGS
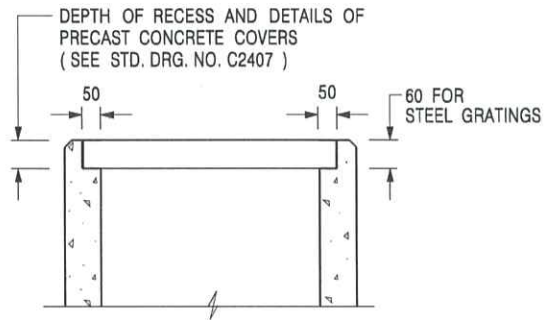
ALTERNATIVE TOP SECTION
FOR PRECAST CONCRETE COVERS / GRATINGS

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. ALL CONCRETE SHALL BE GRADE 20 /20.

3. CONCRETE SURFACE FINISH SHALL BE CLASS U2 OR F2 AS APPROPRIATE.

4. FOR DETAILS OF JOINT, REFER TO STD. DRG. NO. C2413.

5. CONCRETE TO BE COLOURED AS SPECIFIED.

6. UNLESS REQUESTED BY THE MAINTENANCE PARTY AND AS DIRECTED BY
   THE ENGINEER, CATCHPIT WITH TRAP IS NORMALLY NOT PREFERRED
   DUE TO PONDING PROBLEM.

7. UPON THE REQUEST FROM MAINTENANCE PARTY, DRAIN PIPES AT CATCHPIT
   BASE CAN BE USED BUT THIS IS FOR CATCHPITS LOCATED AT SLOPE TOE
   ONLY AND AS DIRECTED BY THE ENGINEER.

8. FOR CATCHPITS CONSTRUCTED ON OR ADJACENT TO A FOOTPATH,
   STEEL GRATINGS (SEE DETAIL 'A' ON STD. DRG. NO. C2405 /2) OR
   CONCRETE COVERS (SEE STD. DRG. NO. C2407) SHALL BE PROVIDED
   AS DIRECTED BY THE ENGINEER.

9. IF INSTRUCTED BY THE ENGINEER, HANDRAILING (SEE DETAIL 'J'
   ON STD. DRG. NO. C2405 /5; EXCEPT ON THE UPSLOPE SIDE) IN LIEU OF
   STEEL GRATINGS OR CONCRETE COVERS CAN BE ACCEPTED AS AN ALTERNATIVE
   SAFETY MEASURE FOR CATCHPITS NOT ON A FOOTPATH NOR ADJACENT TO IT.
   TOP OF THE HANDRAILING SHALL BE 1 000 mm MIN. MEASURED FROM THE
   ADJACENT GROUND LEVEL.

10. MINIMUM INTERNAL CATCHPIT WIDTH SHALL BE 1 000 mm FOR CATCHPITS
    WITH A HEIGHT EXCEEDING 1 000 mm MEASURED FROM THE INVERT LEVEL
    TO THE ADJACENT GROUND LEVEL. AND, STEP IRONS (SEE DSD STD. DRG.
    NO. DS1043) AT 300 c/c STAGGERED SHALL BE PROVIDED.
    THICKNESS OF CATCHPIT WALL FOR INSTALLATION OF STEP IRONS SHALL
    BE INCREASED TO 150 mm.

11. FOR RETROFITTING AN EXISTING CATCHPIT WITH STEEL GRATING,
    SEE DETAIL 'G' ON STD. DRG. NO. C2405 /4.

12. SUBJECT TO THE APPROVAL OF THE ENGINEER, OTHER MATERIALS
    CAN ALSO BE USED AS COVERS / GRATINGS.

A	MINOR AMENDMENT.	Original Signed	04.2016
–	FORMER DRG. NO. C2406J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE

CATCHPIT WITH TRAP

## (SHEET 2 OF 2)

CEDD

**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

| SCALE 1 : 20 | DRAWING NO. |
| DATE   JAN 1991 | C2406 /2A |

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BERM WIDTH VARIES (1000 MIN.)

80 x 60 x 2.2 DIA.
GALVANIZED AND PVC
COATED DOUBLE TWISTED
WIRE MESH

50 THICK MASONRY FACING ON 50 MIN. THICK CEMENT MORTAR
(SET IN 1 : 3 CEMENT / SAND), OR 75 THICK CONCRETE APRON,
AS SPECIFIED; ALL TO BE OMITTED IF THIS AREA IS SPRAYED CONCRETE

75 THICK
CONCRETE SLAB

BRUSHED FINISH OR AS
OTHERWISE DIRECTED

150

25 x 25
CHAMFER

FINISHED SLOPE
PROFILE

FIXING
PIN

NON-BIODEGRADABLE
EROSION CONTROL MAT

50 MIN. THICK
CEMENT MORTAR

500

200

100

H/2 MIN.

H/2

E

B

10
1

POLYTHENE
SHEET

T   H   T

U-CHANNELS CONSTRUCTED ON BERM

HANDRAILING
(SEE STD. DRG. NO. C2103)

200

EXTENT OF WIRE MESH SHALL
BE 1 500 OR BERM WIDTH
WHICHEVER IS THE LESSER

A252 MESH

25 x 25
CHAMFER

1000

200

300

300

50

POLYTHENE SHEET

DETAILS OF BERM WITH HANDRAILING

15

H/2

B

T   H   T

HALF-ROUND CHANNEL

80 x 60 x 2.2 DIA. GALVANIZED AND PVC
COATED DOUBLE TWISTED WIRE MESH

NON-BIODEGRADABLE
EROSION CONTROL MAT

FINISHED
SLOPE
PROFILE

FIXING
PIN

50 MIN. THICK
CEMENT MORTAR

500

200

50 THICK MASONRY FACING ON 50 MIN. THICK
CEMENT MORTAR (SET IN 1 : 3 CEMENT / SAND),
OR 75 THICK CONCRETE APRON, AS SPECIFIED;
ALL TO BE OMITTED IF THIS AREA IS SPRAYED
CONCRETE

D

E

15

H/2 MIN.

H/2

500

200

50 DIA. PVC PIPES
AT 1500 c / c WITH
FALL OF 1 ON 3
WHERE D > 600

80 x 60 x 2.2 DIA. GALVANIZED
AND PVC COATED DOUBLE
TWISTED WIRE MESH

NON-BIODEGRADABLE
EROSION CONTROL MAT

T   H   T

FIXING PIN

50 MIN. THICK
CEMENT MORTAR

U-CHANNELS NOT CONSTRUCTED ON BERM

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. ALL CONCRETE TO BE GRADE 20 / 20.

3. CONCRETE SURFACE FINISH SHALL BE
   CLASS U2, F2 OR BRUSHED FINISH
   AS DIRECTED.

4. SPACING OF EXPANSION JOINT IN
   CHANNELS, BERM SLABS AND APRONS
   TO BE 10 METRES MAXIMUM, SEE STD.
   DRG. NO. C2413 FOR DETAILS.

5. JOINTS FOR CHANNELS, BERM SLABS,
   APRONS AND WALLS, ETC. TO BE
   ON THE SAME ALIGNMENT.

6. FOR DIMENSIONS T, H, & B, SEE TABLE
   BELOW.

7. BIODEGRADABLE EROSION CONTROL MAT IF
   REQUIRED, SEE STD. DRG. NO. C2511/1E.

8. CONCRETE TO BE COLOURED AS SPECIFIED.

9. CONCRETE U-CHANNEL CAN BE CAST IN-SITU
   OR PRECAST CONCRETE SUBJECT TO THE
   ENGINEER'S AGREEMENT ON THE DETAILS.

10. DETAILS OF EROSION CONTROL MAT AND
    WESH MESH ON BERM. (SEE STD DRG. NO.
    C2511/1E)

NOMINAL SIZE H	T	B	REINFORCEMENT
300	80	100	A252 MESH PLACED CENTRALLY AND T=100 WHEN E > 650
375 - 600	100	150	
675 - 900	125	175	A252 MESH PLACED CENTRALLY

I	MINOR AMENDMENT.	Original Signed	07.2018
H	THICKNESS OF MASONRY FACING AMENDED.	Original Signed	01.2005
G	MINOR AMENDMENT.	Original Signed	01.2004
F	GENERAL REVISION.	Original Signed	12.2002
E	DRAWING TITLE AMENDED.	Original Signed	11.2001
D	MINOR AMENDMENT.	Original Signed	08.2001
C	150 x 100 UPSTAND ADDED AT BERM.	Original Signed	6.99
B	MINOR AMENDMENTS.	Original Signed	3.94
REF.	REVISION	SIGNATURE	DATE

DETAILS OF HALF-ROUND AND U-CHANNELS (TYPE A - WITH MASONRY APRON)

CEDD

CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 25
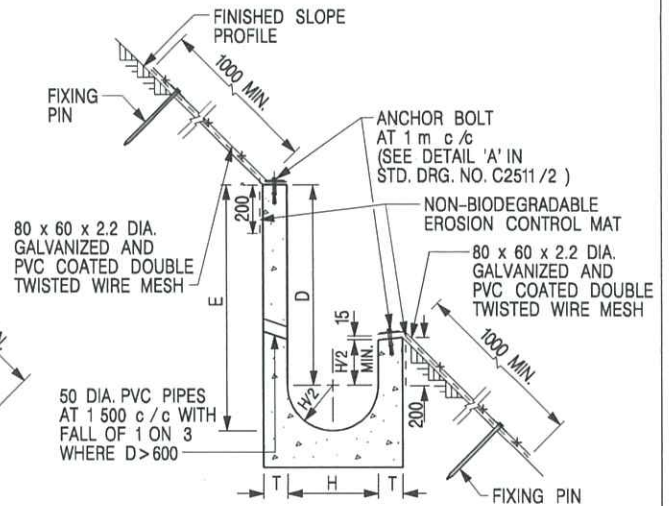
DATE JAN 1991
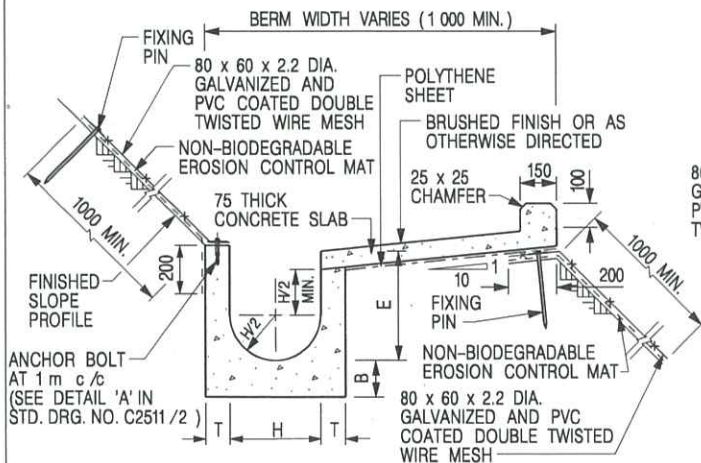
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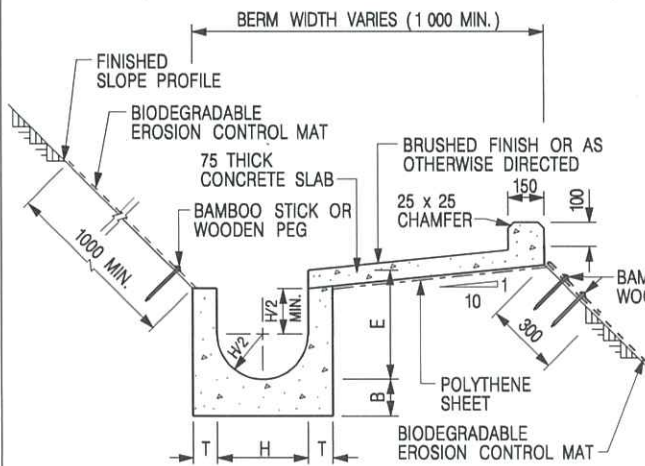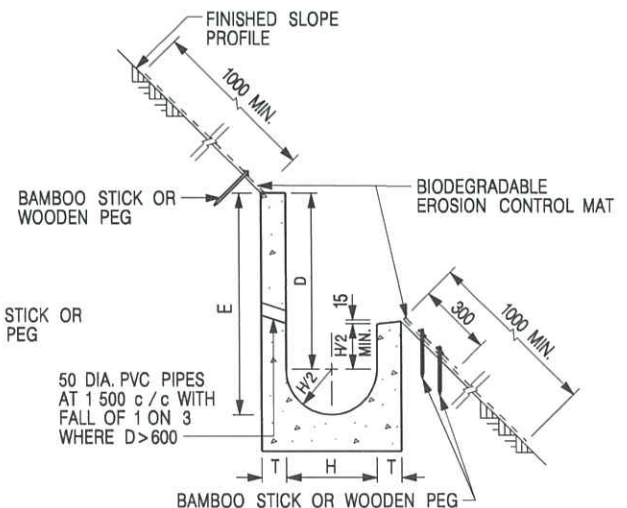C2409I

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U-CHANNELS CONSTRUCTED ON BERM WITH NON-BIODEGRADABLE EROSION CONTROL MAT

U-CHANNELS NOT CONSTRUCTED ON BERM WITH NON-BIODEGRADABLE EROSION CONTROL MAT

U-CHANNELS CONSTRUCTED ON BERM WITH BIODEGRADABLE EROSION CONTROL MAT

U-CHANNELS NOT CONSTRUCTED ON BERM WITH BIODEGRADABLE EROSION CONTROL MAT

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. ALL CONCRETE TO BE GRADE 20 /20.

3. CONCRETE SURFACE FINISH SHALL BE CLASS U2, F2 OR BRUSHED FINISH AS DIRECTED.

4. SPACING OF EXPANSION JOINT IN CHANNELS, BERM SLABS AND APRONS TO BE 10 METRES MAXIMUM, SEE STD. DRG. NO. C2413 FOR DETAILS.

5. JOINTS FOR CHANNELS, BERM SLABS, APRONS AND WALLS, ETC. TO BE ON THE SAME ALIGNMENT.

6. FOR DIMENSIONS T, H, & B, SEE TABLE BELOW.

7. FOR TYPICAL FIXING PIN DETAILS, SEE STD. DRG. NO. C2511/2.

8. MINIMUM SIZE OF 25 x 50 x 300mm SHALL BE PROVIDED FOR WOODEN PEG.

9. MINIMUM SIZE OF 10mm DIAMETER WITH 200mm LONG SHALL BE PROVIDED FOR BAMBOO STICK.

10. THE FIXING DETAILS OF NON-BIODEGRADABLE AND BIODEGRADABLE EROSION CONTROL MATS ON EXISTING BERM SHALL REFER TO STD. DRG. NO. C2511/1.

NOMINAL SIZE H	T	B	REINFORCEMENT
300	80	100	A252 MESH PLACED CENTRALLY AND T=100 WHEN E>650
375 – 600	100	150	
675 – 900	125	175	A252 MESH PLACED CENTRALLY

REF.	REVISION	SIGNATURE	DATE
I	MINOR AMENDMENT.	Original Signed	07.2018
H	FIXING DETAILS OF BIODEGRADABLE EROSION CONTROL MAT ADDED.	Original Signed	12.2017
G	DIMENSION TABLE AMENDED.	Original Signed	01.2005
F	MINOR AMENDMENT.	Original Signed	01.2004
E	GENERAL REVISION.	Original Signed	12.2002
D	MINOR AMENDMENT.	Original Signed	08.2001
C	150 x 100 UPSTAND ADDED AT BERM.	Original Signed	6.99
B	MINOR AMENDMENT.	Original Signed	3.94
A	MINOR AMENDMENT.	Original Signed	10.92

DETAILS OF HALF-ROUND AND U-CHANNELS (TYPE B - WITH EROSION CONTROL MAT APRON)

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CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE DIAGRAMMATIC

DATE JAN 1991

DRAWING NO. C2410I

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SLAB REINFORCED WITH
ONE LAYER OF B503 MESH
PLACED CENTRALLY

50
20
1
50 50
H

TYPICAL SECTION

200 x 100
B503 MESH
GRADE 20 / 20 PRECAST CONCRETE
SLAB WITH F2 FINISH
15 x 15 CORNER FILLETS
ON ALL EDGES
50
75
H+90
75
25
150
600
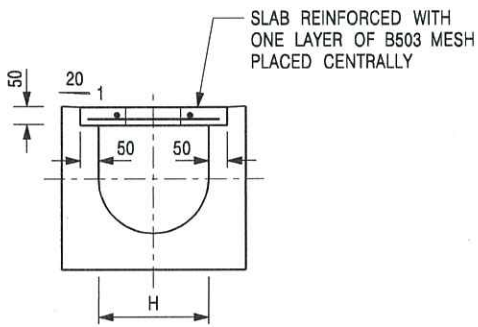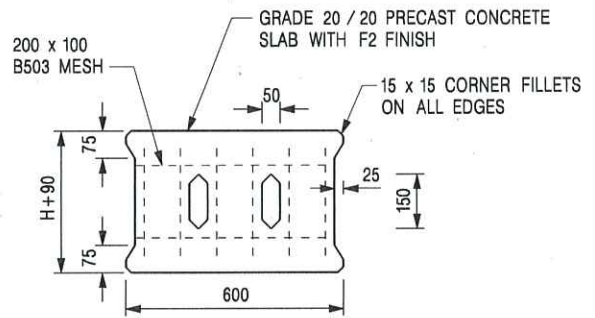
PLAN OF SLAB

U–CHANNELS WITH PRECAST CONCRETE SLABS
(UP TO H OF 525)

REBATE TO SUIT
GRATING THICKNESS

40 X 40 HOT DIP
GALVANISED ANGLE
20
1
50 50
MIN. 40 THICK
CAST IRON GRATING
H

TYPICAL SECTION

WIDTH
H+90
75 % WIDTH
25   25
L
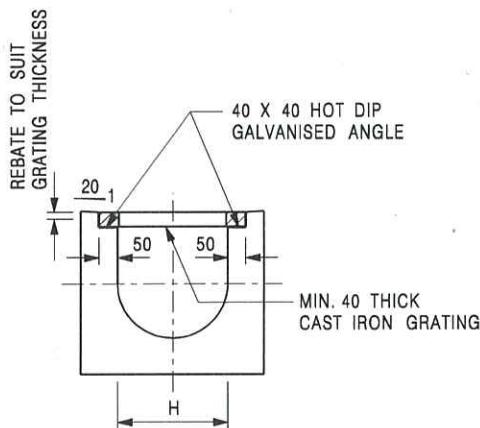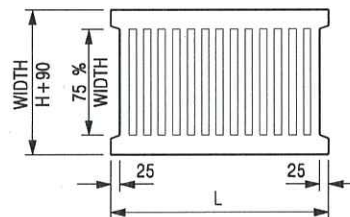
L = 600mm FOR H ≤ 375mm
L = 400mm FOR H > 375mm

CAST IRON GRATING

(DIMENSIONS ARE FOR GUIDANCE ONLY, CONTRACTOR MAY SUBMIT EQUIVALENT TYPE)

U–CHANNEL WITH CAST IRON GRATING
(UP TO H OF 525)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. H = NOMINAL CHANNEL SIZE.

3. ALL CAST IRON FOR GRATINGS SHALL BE
   GRADE EN-GJL-150 COMPLYING WITH BS EN 1561.

4. FOR COVERED CHANNELS TO BE HANDED OVER
   TO HIGHWAYS DEPARTMENT FOR MAINTENANCE,
   THE GRATING DETAILS SHALL FOLLOW THOSE
   AS SHOWN ON HyD STD. DRG. NO. H3156.

REF.	REVISION	SIGNATURE	DATE
E	NOTES 3 & 4 AMENDED.	Original Signed	12.2014
D	NOTE 4 ADDED.	Original Signed	06.2008
C	MINOR AMENDMENT. NOTE 3 ADDED.	Original Signed	12.2005
B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	CAST IRON GRATING AMENDED.	Original Signed	12.2002

COVER SLAB AND CAST IRON GRATING FOR CHANNELS

CEDD
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 20

DATE JAN 1991

DRAWING NO.
C2412E

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PLAN

Existing Ground Level

APPLICATION SITE

Approx. 33.5m

Proposed
525 UC

+12.0

Proposed
525 UC

+11.9

+11.9

**SECTION 1
NTS**

Existing Ground Level

APPLICATION SITE

Approx. 71m

Proposed
525 UC

+12.0

Proposed
525 UC

+11.1

+12.1
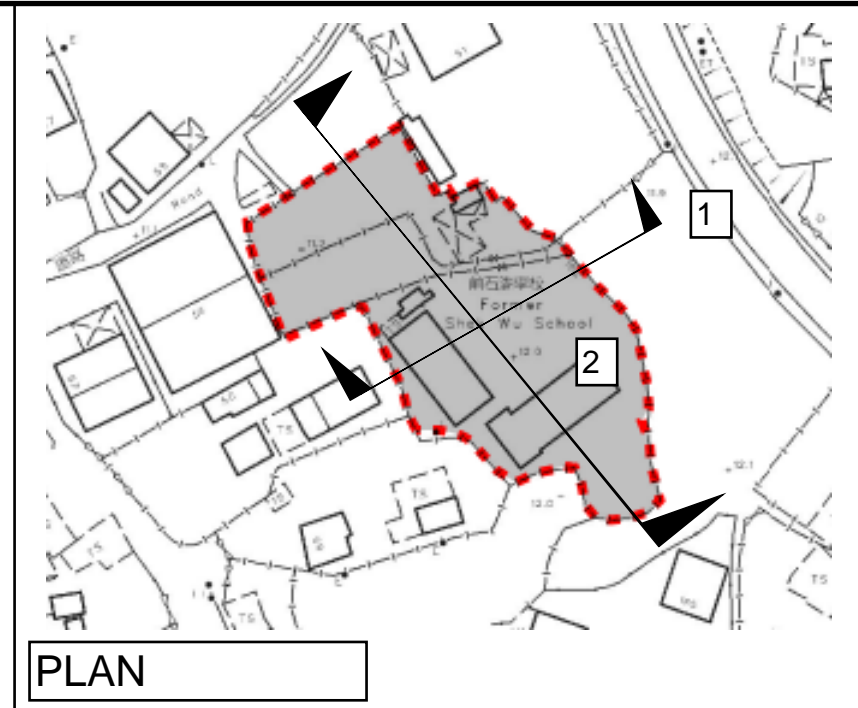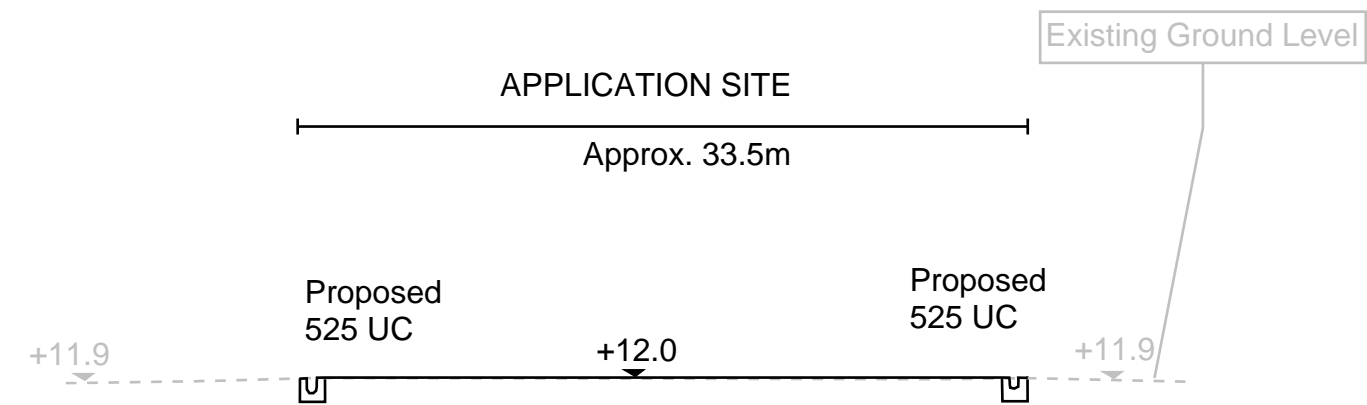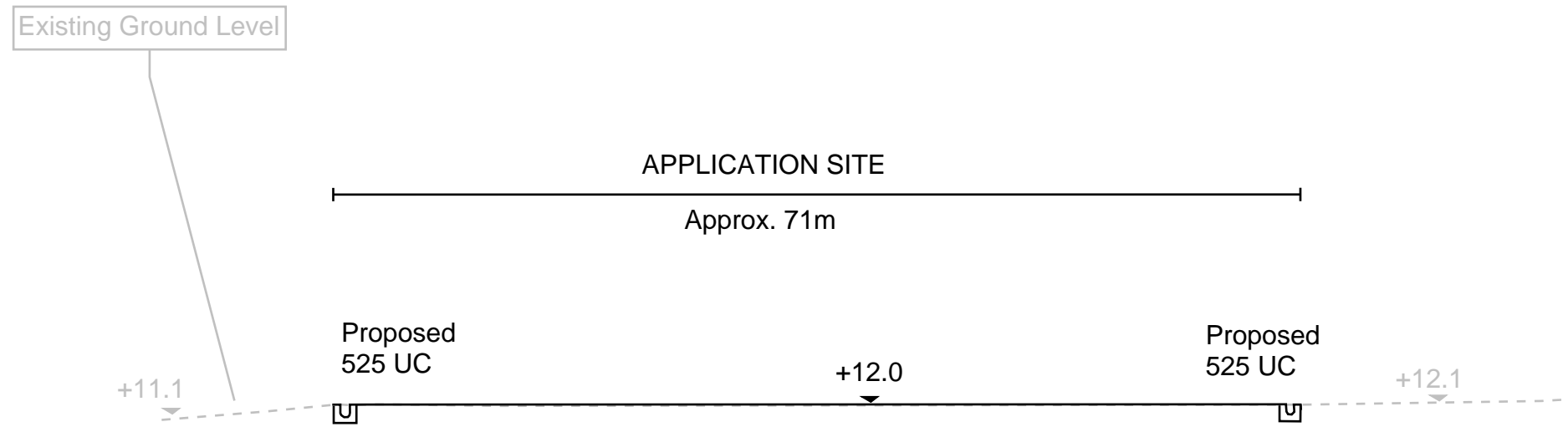
**SECTION 2
NTS**

SECTIONS

Appendix D

Appendix V
Fire Service Installations Proposal

DEVELOPMENT PARAMETERS

APPLICATION SITE AREA	: 1,940 m²	(ABOUT)
COVERED AREA	: 394 m²	(ABOUT)
UNCOVERED AREA	: 1,546 m²	(ABOUT)
PLOT RATIO	: 0.2	(ABOUT)
SITE COVERAGE	: 20 %	(ABOUT)
NO. OF STRUCTURE	: 5	
DOMESTIC GFA	: NOT APPLICABLE	
NON-DOMESTIC GFA	: 394 m²	(ABOUT)
TOTAL GFA	: 394 m²	(ABOUT)
BUILDING HEIGHT	: 3 m - 6 m	(ABOUT)
NO. OF STOREY	: 1	

PARKING AND LOADING / UNLOADING PROVISIONS

NO. OF PRIVATE CAR PARKING SPACE	: 2
DIMENSION OF PARKING SPACE	: 5 m (L) x 2.5 m (W)
NO. OF L/UL SPACE FOR LIGHT GOODS VEHICLE	: 1
DIMENSION OF L/UL SPACE	: 7 m (L) x 3.5 m (W)
NO. OF L/UL SPACE FOR LIGHT BUS	: 1
DIMENSION OF L/UL SPACE	: 8 m (L) x 3 m (W)

FIRE SERVICE INSTALLATIONS

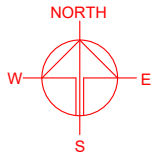| EXIT	EXIT SIGN
	EMERGENCY LIGHT
FE DP	4 KG DRY POWDER FIRE EXTINGUISHER

FS NOTES:

1) SUFFICIENT EMERGENCY LIGHTING SHALL BE PROVIDED THROUGHOUT THE ENTIRE BUILDING IN ACCORDANCE WITH BS5266-1:2016, BS EN 1838:2013 AND THE FSD CIRCULAR LETTER NO. 4/2021.

2) SUFFICIENT DIRECTIONAL AND EXIT SIGN SHALL BE PROVIDED IN ACCORDANCE WITH BS5266-1:2016 AND THE FSD CIRCULAR LETTER 5/2008.

3) PORTABLE HAND-OPERATED APPROVED APPLIANCE SHALL BE PROVIDED AS REQUIRED BY OCCUPANCY.

4) ACCESS IS PROVIDED FOR EMERGENCY VEHICLE TO REACH 30m OF ALL PART OF STRUCTURES.

OUTDOOR ACTIVITIES AREA

INGRESS / EGRESS 5 m (ABOUT)(W)

B5

B1

B2

B4 (CANOPY, NOT ENCLOSED)

B3

APPLICATION SITE

LEGEND

	APPLICATION SITE
	STRUCTURE (ENCLOSED)
	STRUCTURE (NOT ENCLOSED)
PC	PARKING SPACE (PC)
LGV	LOADING / UNLOADING SPACE (LGV)
LB	LOADING / UNLOADING SPACE (LB)
	INGRESS / EGRESS
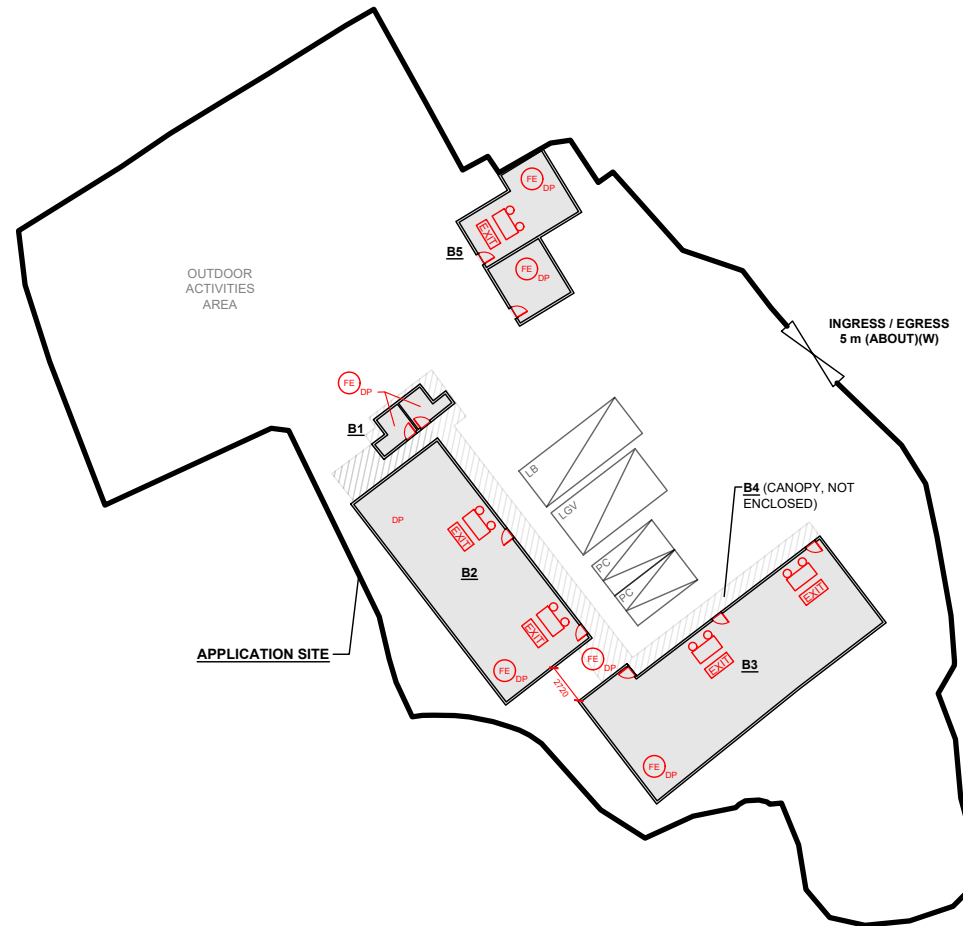
STRUCTURE	USE	COVERED AREA	GROSS FLOOR AREA	BUILDING HEIGHT
B1	WASHROOM AND STORE ROOM	12m² (ABOUT)	12 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
B2	YOUTH ACTIVITY CENTRE	121 m² (ABOUT)	121 m² (ABOUT)	6 m (ABOUT)(1-STOREY)
B3	ELDERLY ACTIVITY CENTRE, OFFICE	146 m² (ABOUT)	146 m² (ABOUT)	6 m (ABOUT)(1-STOREY)
B4	COVERED CORRIDOR	65 m² (ABOUT)	65 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
B5	WASHROOM AND REFRESHMENT KIOSK	50 m² (ABOUT)	50 m² (ABOUT)	3 m (ABOUT)(1-STOREY)
	TOTAL	**394 m² (ABOUT)**	**394 m² (ABOUT)**	

NORTH
W E
S