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Charlotte Tsz Wing WUN/PLAND

寄件者: [redacted]
寄件日期: 2026年09月07日星期一 12:00
收件者: Charlotte Tsz Wing WUN/PLAND
主旨: s16 No. A/NE-TK/870：回應部門意見
附件: 回應部門意見_20260907.pdf; 附件1： Revised Layout Plan.pdf; 附件2：A_NE-TK_870 _Drainage Proposal.pdf

類別: Internet Email

城規會/規劃處 ：

您好。

有關規劃許可：A/NE-TK/870 的申請，現附上回應部門意見，請查收。

如有什麼問題，請隨時聯絡我。

謝謝。

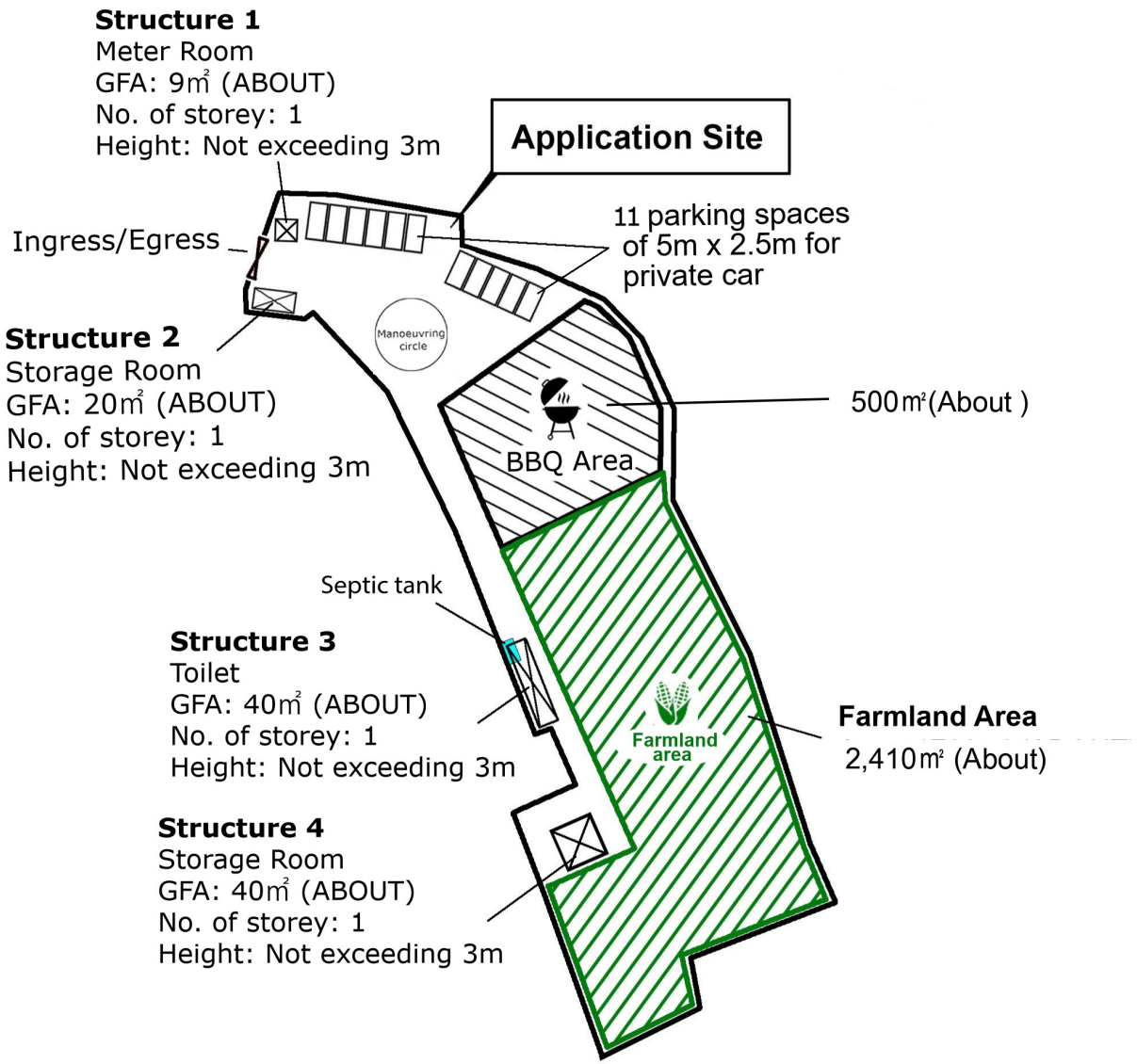
Ms Chong
[redacted]

Planning Application No. A/NE-TK/870

Table A: Responses to Departmental Comments

	Departmental Comments	Responses
	Transport Department (Contact: Mr. Issac CHAN; Tel: 2399 2406)	
(a)	We note that the proposed temporary place of recreation, sports or culture (hobby farm) with ancillary barbecue site will accommodate up to 4 staffs and 40 visitors at one time. Since there are vacant spaces within the site, the applicant may consider to provide additional parking spaces to meet the operation need.	申請人已重新審視場地佈局，為了充分滿足訪客及員工的營運需求，並嚴格避免車輛在汀角路一帶進行路邊停泊，申請人利用場內的空置空間，增設幾個私家車停車位， 申請人已修改 Layout Plan，增加停車位，以滿足營運需求，避免停車位不足的問題。 申請人承諾在營運高峰期（如週末及公眾假期）實施嚴格的人流及交通管制措施，確保進入場地的車輛數目不超過場內所設的停車容量，以維持周邊交通暢順。 請看附件 1：Revised Layout Plan

	Departmental Comments	Responses
	Drainage Services Department (Contact: Ms. Karen HO; Tel: 3960 8930)	
(a)	I have reservation on the subject application as there is landfilling works to be carried out at the application site which may cause adverse drainage impact to the surrounding lands and premises. As such, the applicant is required to provide further information to demonstrate that the development will not cause adverse drainage impact to the adjacent areas.	申請人已做好排水建議書。 請看附件 2：Drainage Proposal



Allgain Land Planning
全堅土地規劃

Project 項目名稱:

Proposed Temporary Place of Recreation,Sports or Culture (Hobby Farm) with Ancillary Facilities and Associated land filling for a Period of 3 Years at Various Lots in D.D. 17, Ting Kok, Tai Po, N.T.

Drawing Title 圖紙標題:

Layout Plan

Drawing No. 圖號:

20260907

Remarks 備註:

- Structure
- Private car
- Farmland Area

領灝工程策劃
LEADING VANTAGE ENGINEERING & PLANNING
[redacted]

STORMWATER DRAINAGE PROPOSAL

Submitted to the Drainage Services Department (DSD)

Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Barbecue Site and Associated Filling of Land for a Period of 3 Years

Various Lots in D.D. 17, Ting Kok, Tai Po, New Territories

In support of Section 16 Planning Application
under the Town Planning Ordinance (Cap. 131)

[redacted]

Date: September 2026

Application. No.: [A/NE-TK/870]

TABLE OF CONTENTS

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2.5 Standard Drawings 4
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4.0 Conclusion 5
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List of Appendices

Appendix A — Proposed Stormwater Drainage Layout Plan (Scale 1:600)

Appendix B — Site Photographs, cross-referenced to the drainage layout plan

Appendix C— General Notes: design requirements, design assumptions, material specifications, implementation obligations, and maintenance responsibilities

Appendix D — Plan showing the downstream connection and final discharge to the sea

References

- Town Planning Board correspondence relating to the Section 16 application.
- DSD Standard Drawings for 450mm U-channels.
- DSD Standard Drawings for catchpits.
- DSD Standard Drawings for catchpits with silt/petrol interceptor traps.

1.0 Introduction and Background

The Applicant is the registered owner and/or lawful occupier of various lots situated within Demarcation District No. 17 (D.D. 17), Ting Kok, Tai Po, New Territories (hereinafter referred to as "the Application Site").

An application has been lodged with the Town Planning Board (TPB) pursuant to Section 16 of the Town Planning Ordinance (Cap. 131) for a proposed change of land use from "Agriculture" to a temporary use. The application falls under the category of "Temporary Use/Development in Rural Areas for a Period of 3 Years", and the applied development is described as "Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Barbecue Site and Associated Filling of Land for A Period of 3 Years". A copy of the relevant correspondence issued by the Town Planning Board is appended in the References section for the Department's ease of reference.

Pursuant to the requirements stipulated by the Town Planning Board, a Stormwater Drainage Proposal is required to be submitted and endorsed prior to the determination of the said planning application. This report has accordingly been prepared and is hereby submitted to the Drainage Services Department (DSD) for consideration and approval.

2.0 Proposed Stormwater Drainage Works

The proposed Stormwater Drainage Layout Plan, drawn to a scale of 1:600, is presented in Appendix A. Corresponding site photographs, cross-referenced to the locations indicated on the proposal plan, are enclosed in Appendix B. The extent of the Application Site is delineated in red on the drainage layout plan.

The following drainage provisions are proposed:

2.1 Surface Water Collection

A 450 mm precast concrete U-channel will be constructed along the perimeter of the Application Site, except along the portion of the site currently used and retained as Farm land, as indicated in green on the proposed drainage plan.

The proposed U-channel is designed to intercept and convey surface runoff generated from the developed portions of the Application Site to the designated discharge point. No U-channel is proposed along the Farmland portion of the site in order to retain natural surface-water infiltration and runoff for irrigation and cultivation purposes.

The Farmland area will remain as permeable ground and will not be subject to hard paving or other development works. Accordingly, stormwater falling within this area will be allowed to infiltrate naturally into the ground and/or

drain overland in accordance with the existing site conditions, without adversely affecting the proposed drainage arrangement or adjacent areas.

This is a more defensible explanation than saying the farmland "needs stormwater to plant," because it confirms that the area remains permeable and that the omission of the U-channel is limited to the agricultural portion shown green on the plan. Runoff from vegetated land is generally treated differently from paved or developed surfaces in drainage calculations, and peripheral channels are typically provided where necessary to prevent runoff from affecting adjacent land.

2.2 Catchpits

Catchpits shall be installed at each change in alignment of the U-channel to facilitate the unobstructed conveyance of stormwater and to permit routine inspection and maintenance throughout the operational life of the temporary development.

2.3 Design Gradient

The proposed U-channel shall be laid at a minimum longitudinal gradient of 1:100, in full compliance with the prevailing design standards stipulated by the Drainage Services Department for open channel drainage works.

2.4 Pollution Control Measures

A catchpit incorporating a sand trap (designated CP-8 on the layout plan) is proposed at the final discharge point before connecting it into the existing u channels of the Application Site, immediately upstream of the connection to the existing downstream drainage system. This provision is intended to prevent the discharge of sand or waste into the receiving watercourse and ultimately into the marine environment.

2.5 Standard Drawings

Standard details for all proposed U-channels, catchpits, and catchpits with interceptor traps are enclosed in the References section for the Department's reference and verification.

2.6 General Notes

The General Notes, encompassing the general design requirements, design assumptions, material specifications, construction obligations, and post-construction maintenance responsibilities applicable to the proposed drainage works, are set out in Appendix C.

3.0 Existing Drainage System, Connection Points and Final Point of Discharge

All stormwater collected within the Application Site via the proposed U-channel and catchpits shall be conveyed by gravity flow to Existing CP-2. From CP-2, the collected flow shall be

discharged to the Existing Stream and eventually go into the sea.

The final point of discharge is further evidenced by the site photographs at Appendix B (Photos 01), and the overall discharge route from the Application Site to the ultimate outfall is diagrammatically illustrated in Appendix D.

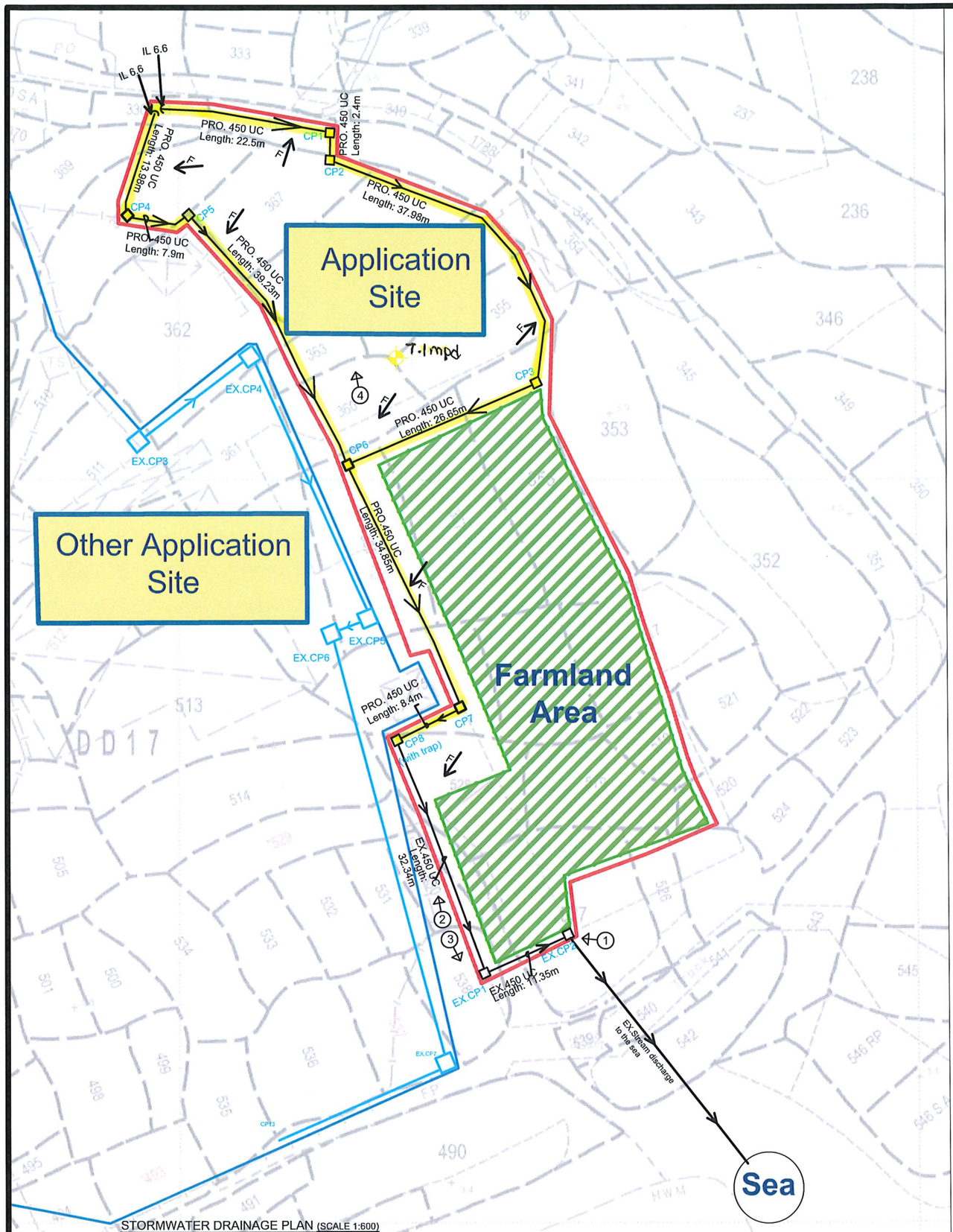
4.0 Conclusion

In summary, the proposed stormwater drainage scheme comprises the following principal elements, all of which have been designed in strict accordance with the design standards and requirements of the Drainage Services Department:

- A 450mm precast concrete U-channel installed along the boundary of the Application Site;
- Catchpits at all changes in alignment to facilitate flow and maintenance;
- A catchpit incorporating a sand trap (CP-8) at the final point of discharge; and
- Connection to the existing drainage system of the application site, with ultimate discharge to the sea.

Having regard to the foregoing, it is respectfully submitted that the proposed drainage arrangement is technically sound, adequate for the intended temporary development, and adopts appropriate measures to safeguard the downstream drainage system and the receiving marine environment. Your Department's favourable consideration and endorsement of this Drainage Proposal would be much appreciated.

Appendix A — Proposed Stormwater Drainage Layout Plan (Scale 1:600)



STORMWATER DRAINAGE PLAN (SCALE 1:600)

(ALL NEW /PROPOSED U-CHANNEL ARE OF FALL GRADIENT 1:100)

COLOUR INDICATION

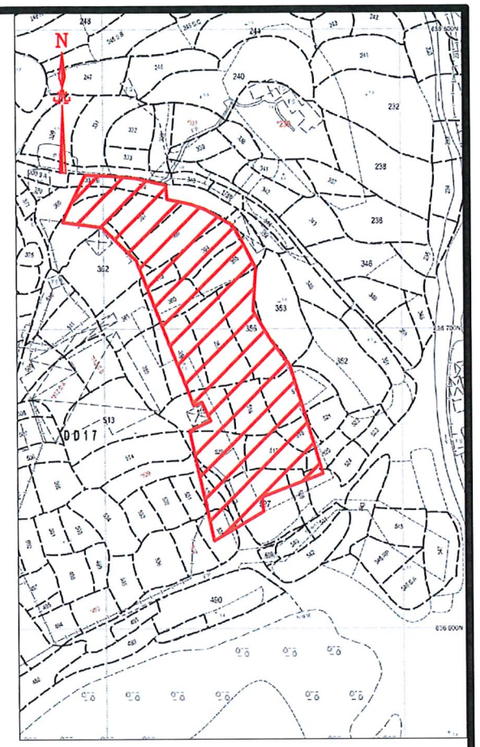
- PROPOSED STORMWATER WORKS
- PROPOSED SEWERAGE PIPELINE
- CONCRETE WORKS
- STEEL WORKS

LEGEND

- FLOW PATTERN
- SUBJECT LOT BOUNDARY
- SUBJECT BUILDING LINE
- PRO.225 UC — PROPOSED 225mm / 300mm U - CHANNEL with CONC/C.I.COVER
- PRO.100Ø UPVC — PROPOSED 100Ø UPVC PIPE FOR RAINWATER ROOF FALL
- PRO.150/200Ø PE100 — PROPOSED 150/200Ø POLYETHYLENE (PE100) PIPE
- EXISTING STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED SEWERAGE MANHOLE
- EXISTING GOVERNMENT SEWERAGE MANHOLE
- PROPOSED SEWERAGE TERMINAL MANHOLE
- C.L. — COVER LEVEL
- I.L. — INVERT LEVEL
- D.T.L. — DISCONNECTING TRAP LEVEL

SEWERAGE CATCHPIT LEVEL

	C.L.	A1	A2	I.L.
CP1 (CEDD DRAWING NO.C2405/1)	7.10	6.37	-------	6.37
CP2 (CEDD DRAWING NO.C2405/1)	7.10	6.34	-------	6.34
CP3 (CEDD DRAWING NO.C2405/1)	7.10	5.96	-------	5.96
CP4 (CEDD DRAWING NO.C2405/1)	7.10	6.46	-------	6.46
CP5 (CEDD DRAWING NO.C2405/1)	7.10	6.38	-------	6.38
CP6 (CEDD DRAWING NO.C2405/1)	7.10	5.99	5.70	5.70
CP7 (CEDD DRAWING NO.C2405/1)	7.10	5.35	-------	5.35
CP8 (with trap) (CEDD DRAWING NO.C2406/1)	7.10	5.26	-------	5.26
EX.CP1	7.10	4.94	-------	4.94
EX.CP2	7.10	4.82	-------	4.82



BLOCK PLAN (SCALE 1 : 2000)

REVISION

NO.	DATE	

THIS SET OF DRAWING INCLUDES:

DLO Ref.: (65) in DLO/TP 317/TPT/64

	NAME	DATE
DRAWN	Helen Deng	09/2026
CHECKED	Kenny Lam	09/2026

PROJECT

PROPOSED STORMWATER DRAINAGE WORKS FOR A/NE-TK/870 VARIOUS LOTS IN DD17, TING KOK,TAI PO

DRAWING TITLE

BLOCK PLAN, STORMWATER DRAINAGE PLAN, DETAILS AND NOTES

DRAWING NO.	SCALE
D - 1	As Shown

Leading Vantage 領瀛

Appendix B — Site Photographs, cross-referenced to the drainage layout plan

Site Photo for A/NE-TK/870



Photo - 01

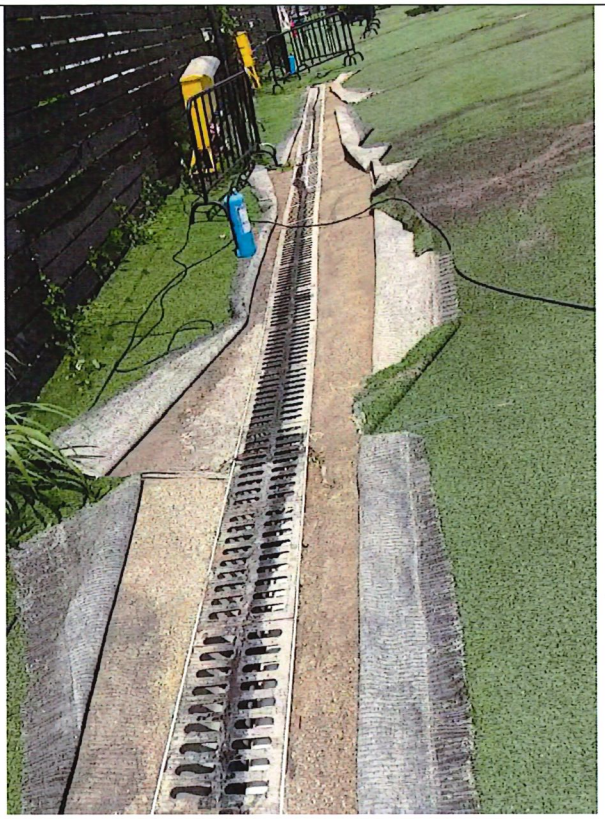


Photo - 02



Photo – 03

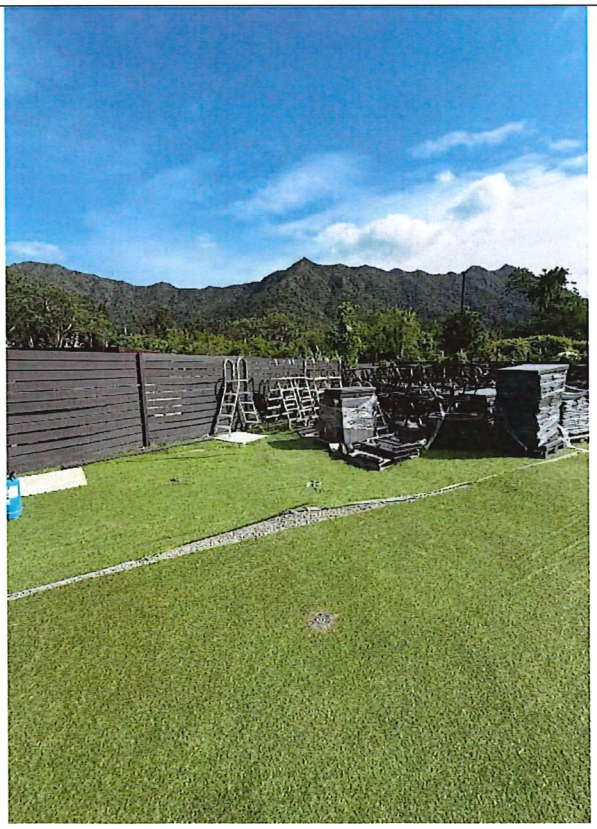


Photo - 04

A/NE-TK/870

Appendix C— General Notes: design requirements, design assumptions, material specifications, implementation obligations, and maintenance responsibilities

GENERAL NOTES FOR DRAINAGE WORKS

The following notes set out the general requirements, design assumptions, material specifications, and implementation obligations applicable to the proposed drainage works.

1. GENERAL NOTES

1. All dimensions shown on the drawings are in millimetres unless noted otherwise.
2. The proposed drainage works, whether within or outside the application site, will be constructed and maintained by the applicant at the applicant's own cost.
3. The applicant will ensure that the proposed drainage works are implemented in a practical and satisfactory manner on site, particularly where drainage connections pass through Government land and/or adjoining private lots.
4. Any part of the proposed sewerage system or stormwater drainage system located within private lots outside the application site will be subject to agreement with the relevant lot owners and, where required, approval from the Lands Department for the laying, alteration, upgrading, or connection of drains, channels, and sewers.
5. The applicant will take all necessary precautionary measures to prevent disturbance, damage, or pollution to any existing drainage facilities in the vicinity of the application site during construction.
6. Any damage caused to existing drainage facilities arising from the works will be made good by the applicant at the applicant's own cost, including all necessary repair works, compensation, and associated liabilities.

2. MATERIALS AND STRUCTURAL REQUIREMENTS

1. Structural concrete will be Grade 30D/20 design mix and will comply with CSI:1990.
2. Blinding concrete will be Grade 15P mix.
3. Minimum concrete cover to main reinforcement will be 50 mm.
4. Reinforcement marked "R" denotes mild steel bars with a yield strength of 250 MPa, and reinforcement marked "Y" denotes high-yield steel bars with a yield strength of 460 MPa, in compliance with BS 4449:1988 and CS2:1995.
5. The foundation details of the terminal manhole will be determined on site by the Engineer to suit the actual ground conditions encountered.

3. DRAINAGE AND SEWERAGE REQUIREMENTS

1. All drains from the village house to the manhole will be 100 mm diameter PVC pipes laid to a minimum gradient of 1 in 40.
2. All drains from the terminal manhole to the manhole will be 150 mm diameter PE100 pipes laid to a minimum gradient of 1 in 70.
3. All drains from the manhole to the existing manhole will be 200 mm diameter PE100 pipes laid to a minimum gradient of 1 in 70.
4. Buried sewers from the terminal manhole to the existing DSD manhole on Government land will be constructed of PE100 pipes.
5. The proposed connection sewer constructed beneath footpaths and carriageways will be provided with minimum soil covers of 450 mm and 900 mm respectively.
6. Each sewerage terminal manhole will be provided with a 100 mm diameter PVC fresh air inlet pipe extending to not less than 2.5 m above ground level.
7. The invert levels of the inlet and outlet U-channels will be set at the same level unless otherwise shown on the approved drawings.
8. The inlet and outlet invert levels of the proposed catchpits will be set at the same level unless otherwise shown on the approved drawings.
9. Existing manhole cover levels and invert levels will be verified on site prior to commencement of construction. Any discrepancy between site conditions and record information will be referred to the Engineer for instruction.

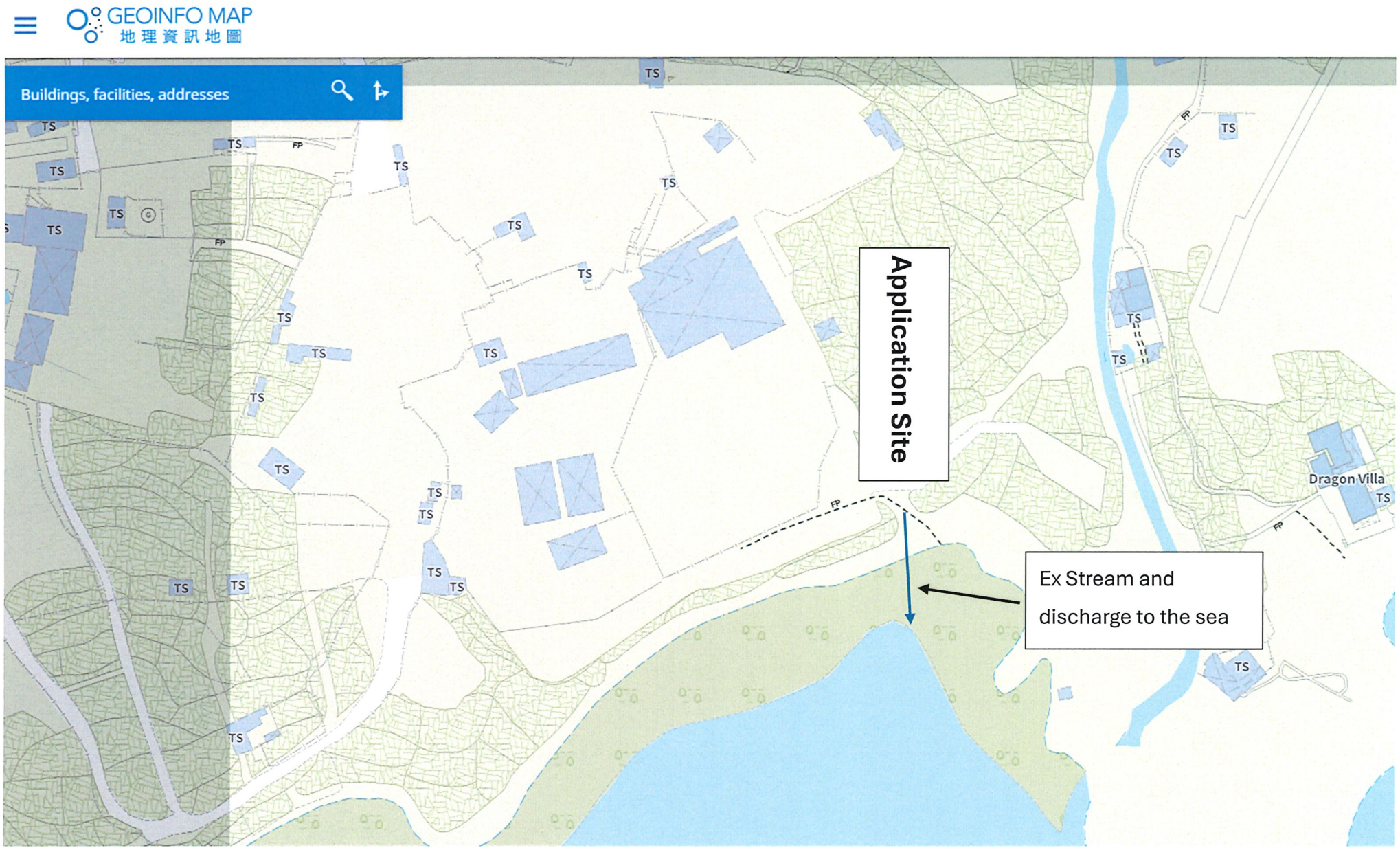
4. STORMWATER AND DISCHARGE CONTROL

1. Surface runoff from the subject site will not be discharged into the public foul sewerage network.
2. Runoff generated within the subject premises and the proposed Small House will be collected and conveyed by a designated stormwater collection and discharge system.
3. Where runoff is proposed to discharge to an existing downstream drainage system not maintained by DSD, the applicant will resolve any interface issues with the relevant parties and will ensure that the receiving system, including all downstream drains, channels, and watercourses, has adequate capacity to accommodate the additional runoff.
4. Regular inspection and maintenance of the drainage system will be carried out by the applicant to prevent blockage and to ensure satisfactory operation at all times.
5. Domestic wastewater, including discharges from kitchens, bathrooms, toilets, washbasins, and washing machines, will not be connected to or discharged into the stormwater drainage system.

5. OPERATION, MAINTENANCE AND LIABILITY

1. If any part of the existing or proposed drainage system is found to be inadequate, ineffective, or defective during operation, the applicant will carry out the necessary rectification, modification, or upgrading works.
2. The applicant will remain fully responsible for the performance of the proposed drainage works and will indemnify the Government against all claims, demands, nuisance, loss, or damage arising from failure or malfunction of the system.
3. The applicant understands that the Government's desk-top checking of the drainage proposal covers only the fundamental aspects of the submitted design and does not relieve the applicant of the responsibility to ensure that: (i) the proposed drainage works will not cause adverse drainage or environmental impacts in the vicinity; and (ii) the proposed drainage works and the downstream drainage systems have adequate capacity and are in satisfactory condition to receive and convey the flows collected from the application site.

Appendix D — Plan showing the Existing U-channels and Existing catch pit discharge final discharge to the sea


GEOINFO MAP
地理資訊地圖
Buildings, facilities, addresses
Application Site
Ex Stream and
discharge to the sea
Dragon Villa
TS
FP

References

- Town Planning Board correspondence relating to the Section 16 application.
- DSD Standard Drawings for 450mm U-channels.
- DSD Standard Drawings for catchpits.
- DSD Standard Drawings for catchpits with sand traps.

Reference:

- Town Planning Board correspondence relating to the Section 16 application.

Broad Development Parameters of the Applied Use/Development in respect of Application No. A/NE-TK/870
關乎申請編號 A/NE-TK/870 的擬議用途/發展的概括發展規範

Application No. 申請編號	A/NE-TK/870		
Location/address 位置／地址	Various Lots in D.D. 17 and Adjoining Government Land, Ting Kok, Tai Po 大埔汀角丈量約份第 17 約多個地段和毗連政府土地		
Site area 地盤面積	About 約 4,005 sq. m 平方米 (Includes Government Land of about 包括政府土地約 91 sq. m 平方米)		
Plan 圖則	Approved Ting Kok Outline Zoning Plan No. S/NE-TK/19 汀角分區計劃大綱核准圖編號 S/NE-TK/19		
Zoning 地帶	"Agriculture" 「農業」		
Type of Application 申請類別	Temporary Use/Development in Rural Areas for a Period of 3 Years 位於鄉郊地區的臨時用途/發展為期 3 年		
Applied use/ development 申請用途/發展	Proposed Temporary Place of Recreation, Sports or Culture (Hobby Farm) with Ancillary Barbecue Site and Associated Filling of Land for a Period of 3 Years 擬議臨時康體文娛場所（休閒農場）連附屬燒烤場及相關填土工程（為期 3 年）		
Gross floor area and/or plot ratio 總樓面面積及／或地積比率		sq. m 平方米	Plot ratio 地積比率
	Domestic 住用	-	-
	Non-domestic 非住用	About 約 109	About 約 0.027
No. of block 幢數	Domestic 住用	-	
	Non-domestic 非住用	4	
Building height/ No. of storeys 建築物高度／層數	Domestic 住用	-	m 米
		-	mPD 米(主水平基準上)
		-	Storey(s) 層
	Non-domestic 非住用	Not more than 不多於 3	m 米
		-	mPD 米(主水平基準上)
		Not more than 不多於 1	Storey(s) 層
Site coverage 上蓋面積	About 約 2.72 %		

No. of parking spaces and loading / unloading spaces 停車位及上落客貨車位數目	Total no. of vehicle spaces 停車位總數	6
	Private Car Parking Spaces 私家車車位	6

* 有關資料是為方便市民大眾參考而提供。對於所載資料在使用上的問題及文義上的歧異，城市規劃委員會概不負責。若有任何疑問，應查閱申請人提交的文件。

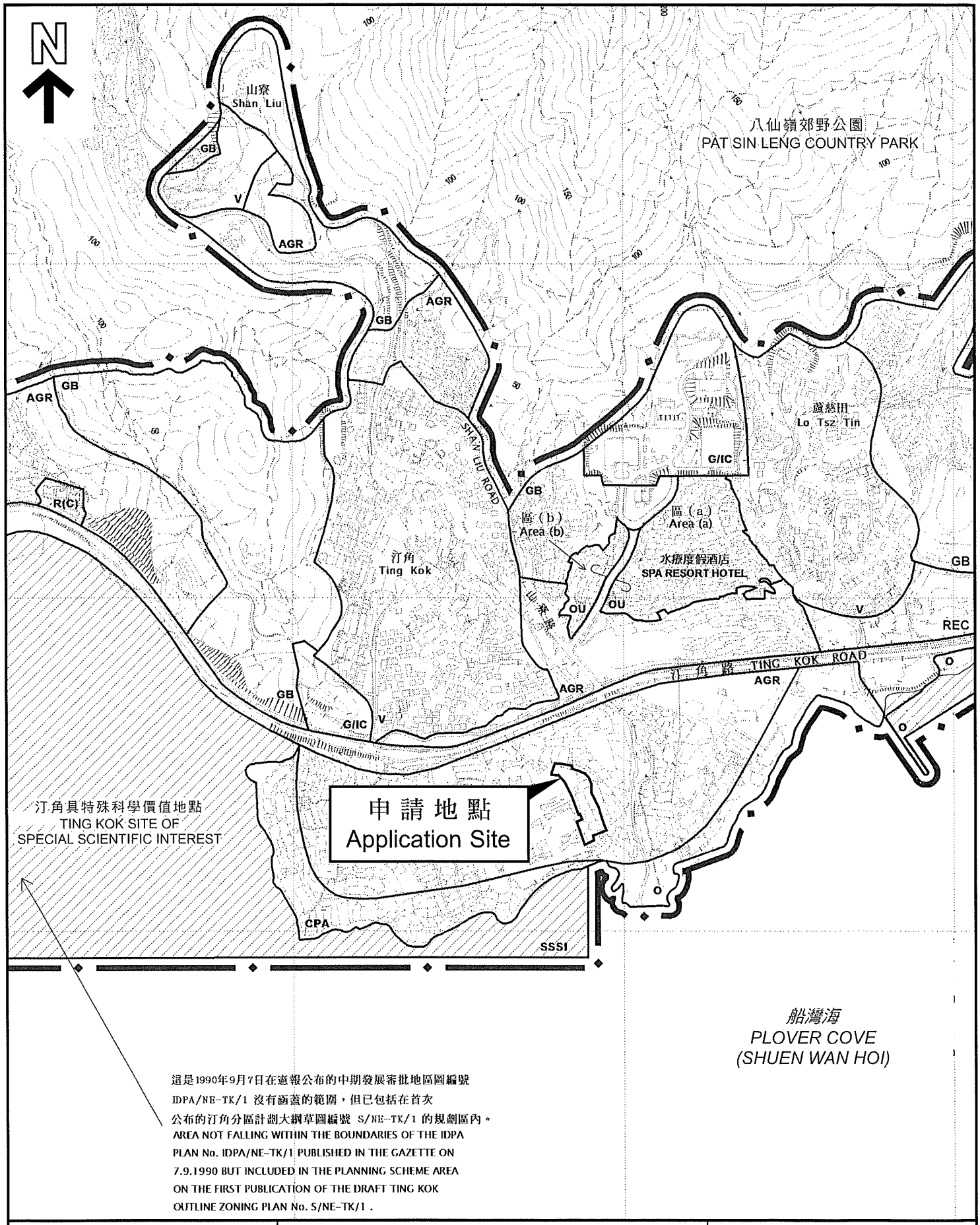
The information is provided for easy reference of the general public. Under no circumstances will the Town Planning Board accept any liabilities for the use of the information nor any inaccuracies or discrepancies of the information provided. In case of doubt, reference should always be made to the submission of the applicant.

Submitted Plans, Drawings and Documents 提交的圖則、繪圖及文件	Chinese 中文	English 英文
Plans and Drawings 圖則及繪圖		
Master layout plan(s)/Layout plan(s) 總綱發展藍圖／布局設計圖	☐	☑
Block plan(s) 樓宇位置圖	☐	☐
Floor plan(s) 樓宇平面圖	☐	☐
Sectional plan(s) 截視圖	☐	☐
Elevation(s) 立視圖	☐	☐
Photomontage(s) showing the proposed development 顯示擬議發展的合成照片	☐	☐
Master landscape plan(s)/Landscape plan(s) 園境設計總圖／園境設計圖	☐	☐
Others (please specify) 其他（請註明）	☐	☑
Location plan 位置圖		
Site plan 平面圖		
Land filling plan 填土圖		
Reports 報告書		
Planning Statement / Justifications 規劃綱領 / 理據	☑	☐
Environmental assessment (noise, air and/or water pollutions) 環境評估（噪音、空氣及／或水的污染）	☐	☐
Traffic impact assessment (on vehicles) 就車輛的交通影響評估	☐	☐
Traffic impact assessment (on pedestrians) 就行人的交通影響評估	☐	☐
Visual impact assessment 視覺影響評估	☐	☐
Landscape impact assessment 景觀影響評估	☐	☐
Tree Survey 樹木調查	☐	☐
Geotechnical impact assessment 土力影響評估	☐	☐
Drainage impact assessment 排水影響評估	☐	☐
Sewerage impact assessment 排污影響評估	☐	☐
Risk Assessment 風險評估	☐	☐
Others (please specify) 其他（請註明）	☑	☐
Estimated vehicle trip generation report 預計車輛進出流量報告		

Note: May insert more than one「✔」. 註：可在多於一個方格內加上「✔」號

Note: The information in the Gist of Application above is provided by the applicant for easy reference of the general public. Under no circumstances will the Town Planning Board accept any liabilities for the use of the information nor any inaccuracies or discrepancies of the information provided. In case of doubt, reference should always be made to the submission of the applicant.

註： 上述申請摘要的資料是由申請人提供以方便市民大眾參考。對於所載資料在使用上的問題及文義上的歧異，城市規劃委員會概不負責。若有任何疑問，應查閱申請人提交的文件。



這是1990年9月7日在憲報公布的中期發展審批地區圖編號
IDPA/NE-TK/1 沒有涵蓋的範圍，但已包括在首次
公布的汀角分區計劃大綱草圖編號 S/NE-TK/1 的規劃區內。
AREA NOT FALLING WITHIN THE BOUNDARIES OF THE IDPA
PLAN No. IDPA/NE-TK/1 PUBLISHED IN THE GAZETTE ON
7.9.1990 BUT INCLUDED IN THE PLANNING SCHEME AREA
ON THE FIRST PUBLICATION OF THE DRAFT TING KOK
OUTLINE ZONING PLAN No. S/NE-TK/1 .

本摘要圖於2026年8月19日擬備，
所根據的資料為於2015年10月27日
核准的分區計劃大綱圖編號S/NE-TK/19
EXTRACT PLAN PREPARED ON 19.8.2026
BASED ON OUTLINE ZONING PLAN
No. S/NE-TK/19 APPROVED ON 27.10.2015

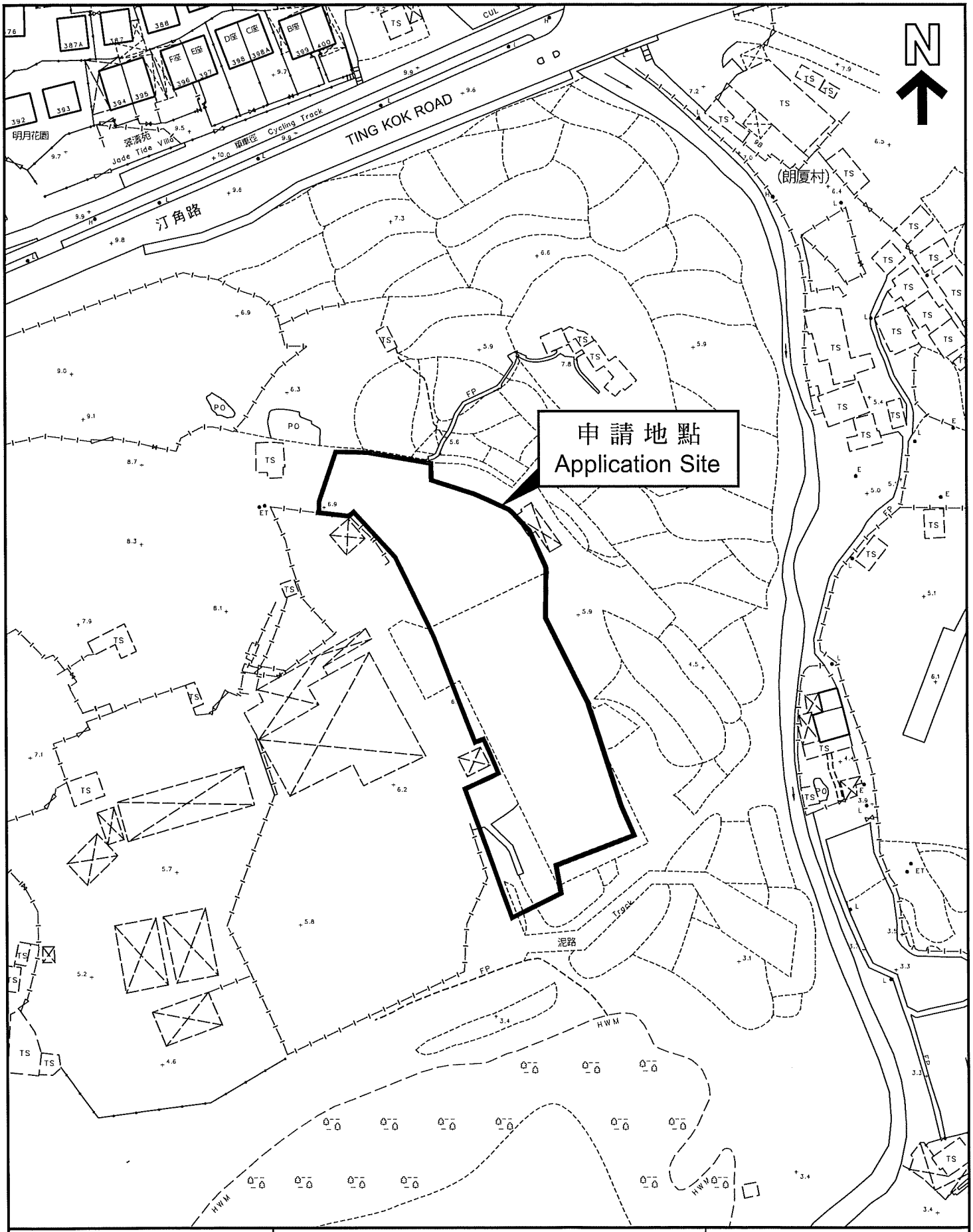
位置圖 LOCATION PLAN

SCALE 1 : 7 500 比例尺

米 METRES 100 0 100 200 300 米 METRES

申請地點界線只作識別用
APPLICATION SITE BOUNDARY
FOR IDENTIFICATION PURPOSE ONLY

參考編號
REFERENCE No.
A/NE-TK/870



本摘要圖於2026年8月19日擬備，
所根據的資料為測量圖編號
3-SE-23A及C

EXTRACT PLAN PREPARED ON 19.8.2026
BASED ON SURVEY SHEETS No.
3-SE-23A & C

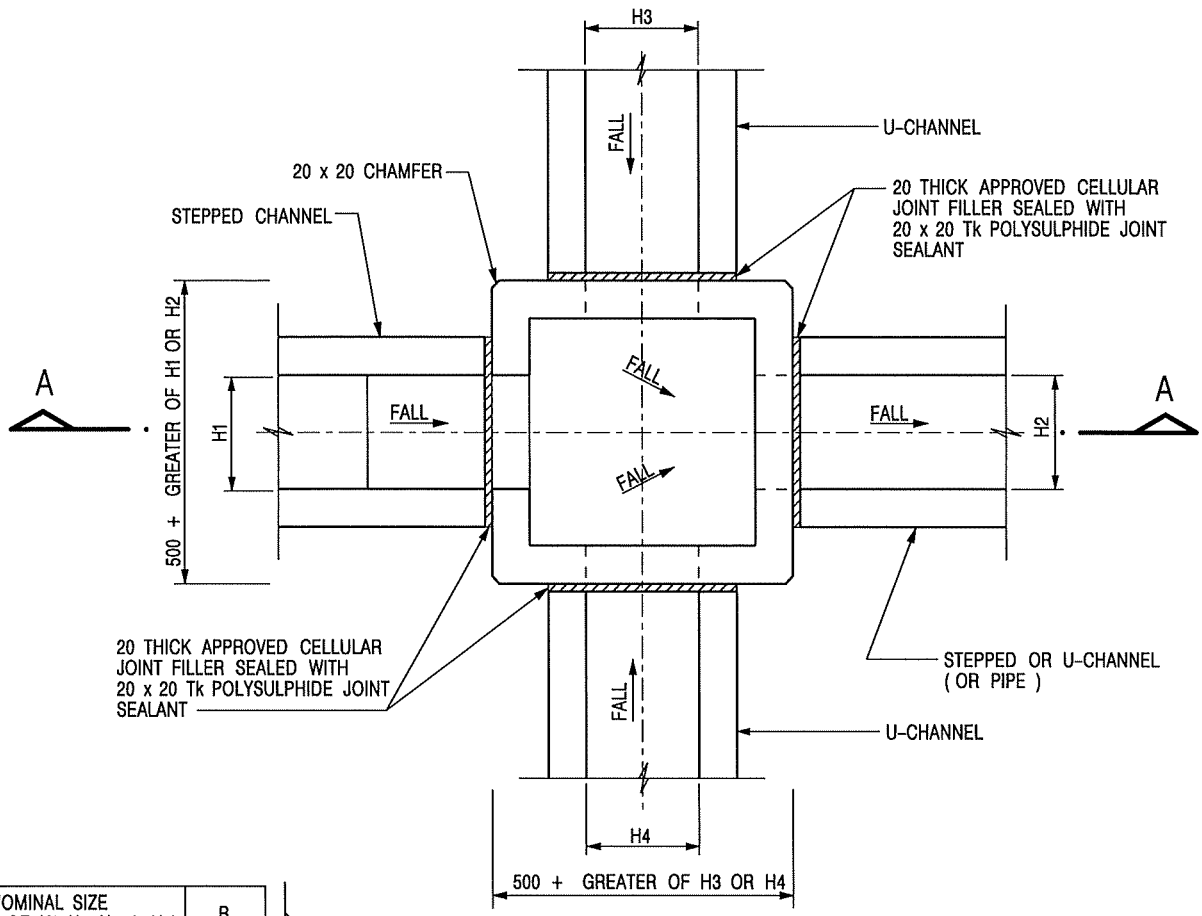
平面圖 SITE PLAN

申請地點界線只作識別用
APPLICATION SITE BOUNDARY
FOR IDENTIFICATION PURPOSE ONLY

參考編號
REFERENCE No.
A/NE-TK/870

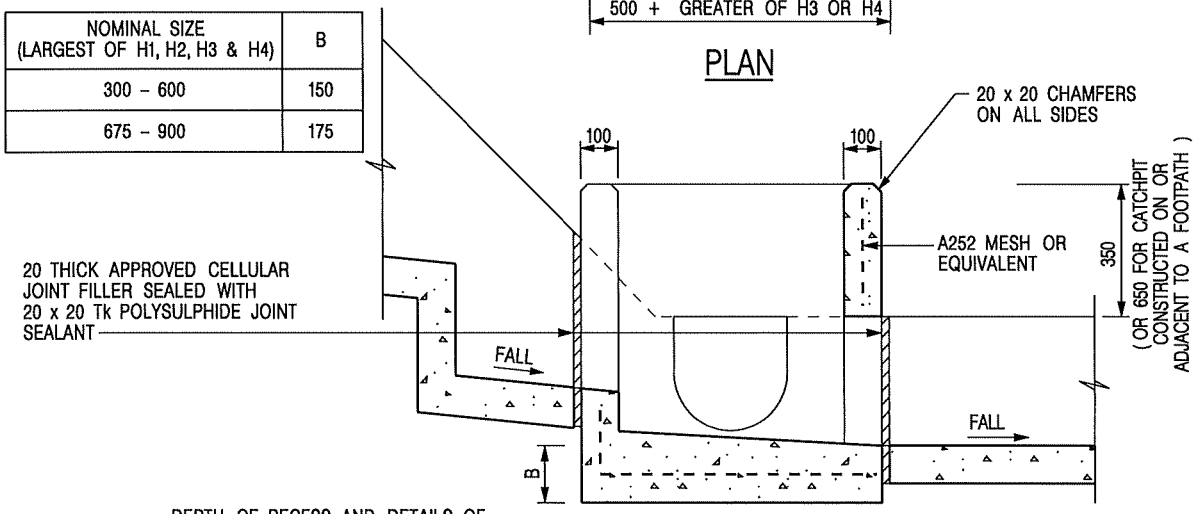
Reference:

- DSD Standard Drawings for 450mm U-channels
- DSD Standard Drawings for catchpits
- DSD Standard Drawings for catchpits with Sand traps

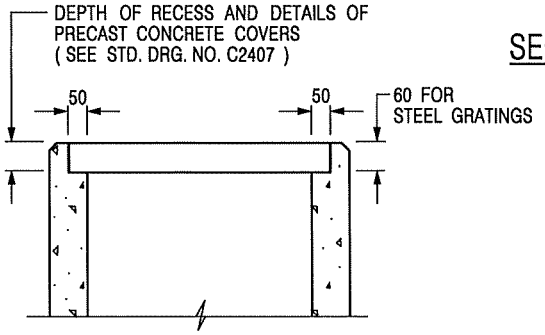


PLAN

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



SECTION A – A



ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVERS / GRATINGS

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

REF.	REVISION	SIGNATURE	DATE
–	FORMER DRG. NO. C2405J.	Original Signed	03.2015

STANDARD CATCHPIT DETAILS

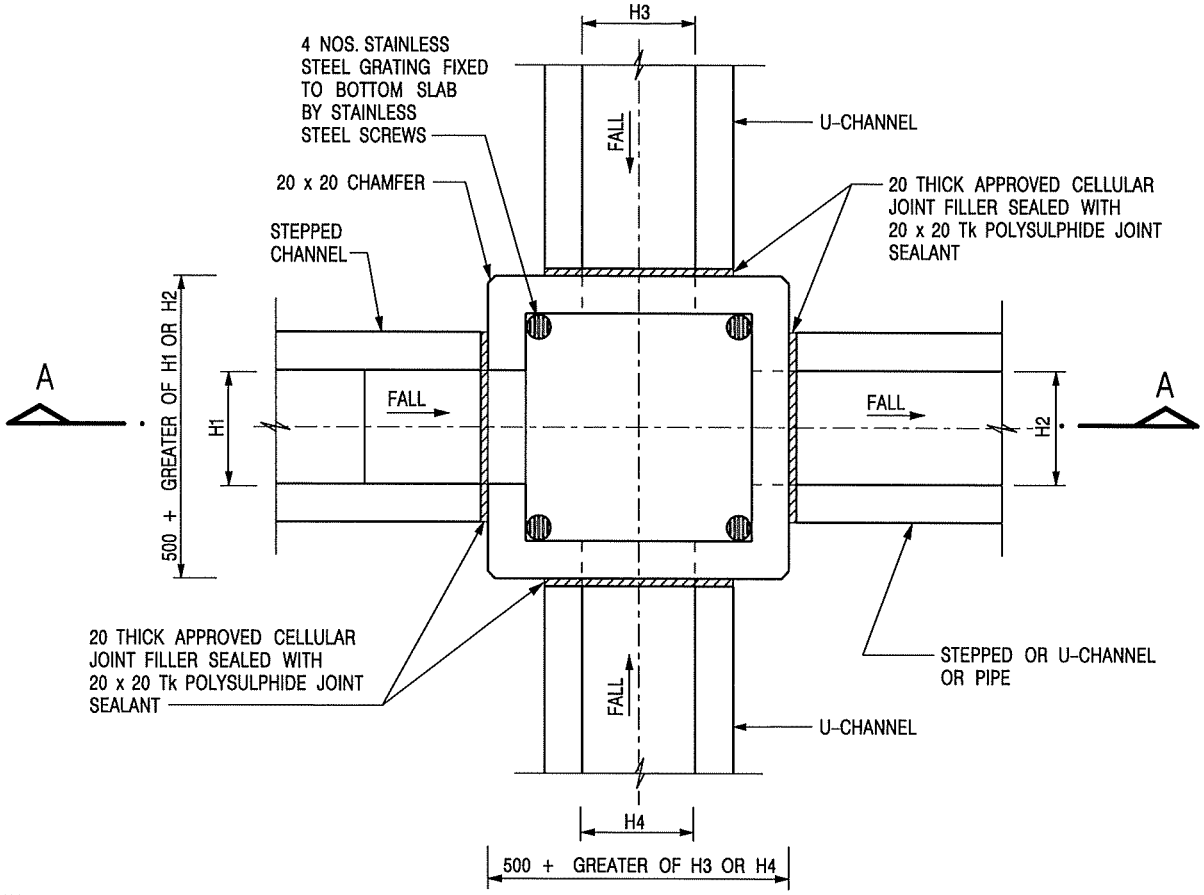
(SHEET 1 OF 5)

CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 20

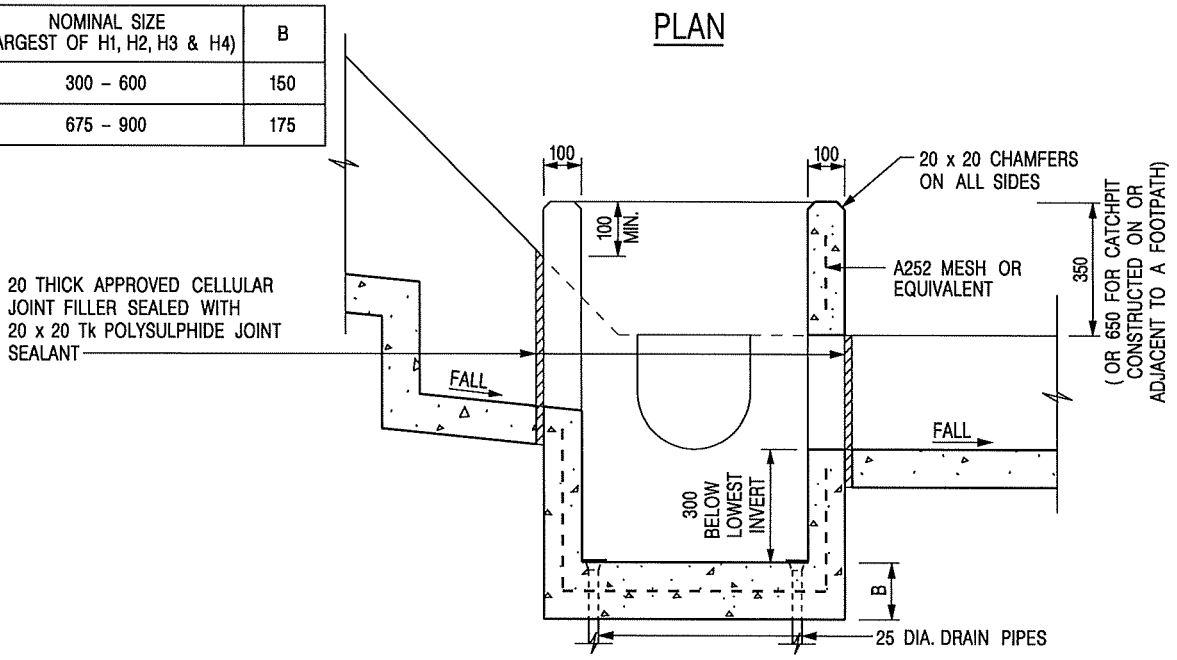
DATE JAN 1991

DRAWING NO. C2405 /1



PLAN

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



SECTION A – A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 2 FOR OTHER NOTES.

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

CATCHPIT WITH TRAP

(SHEET 1 OF 2)

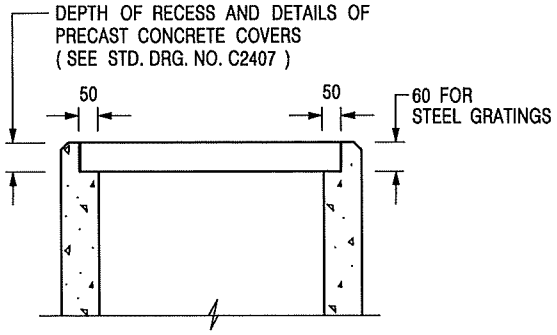
CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 20

DATE JAN 1991

DRAWING NO. C2406 /1

卓越工程 建設香港 We Engineer Hong Kong's Development



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.

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

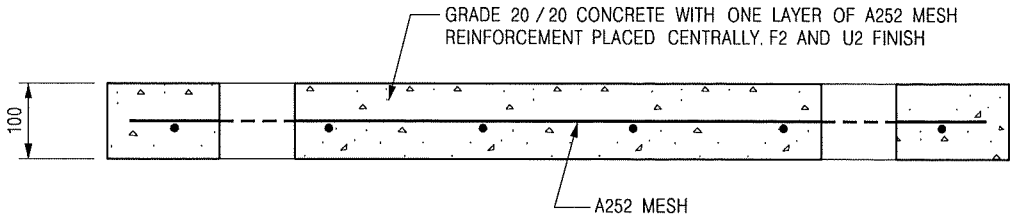
CATCHPIT WITH TRAP (SHEET 2 OF 2)

CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

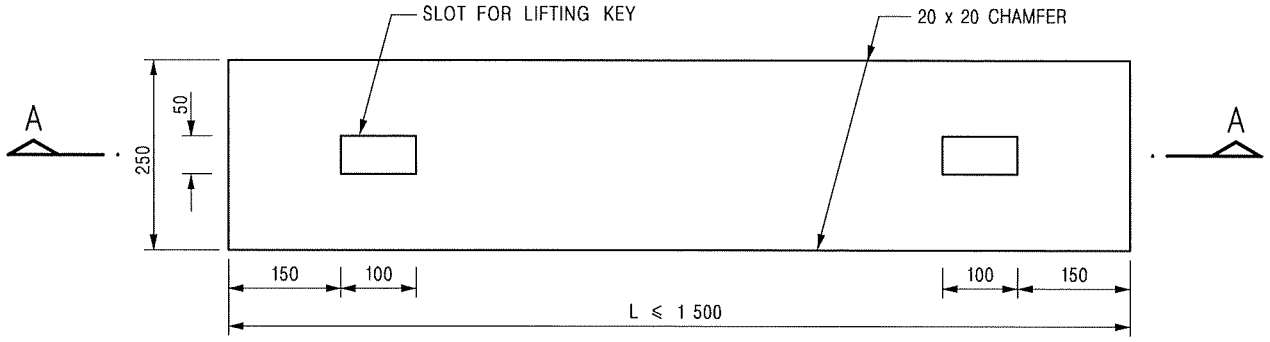
SCALE 1 : 20

DATE JAN 1991

DRAWING NO. C2406 /2A

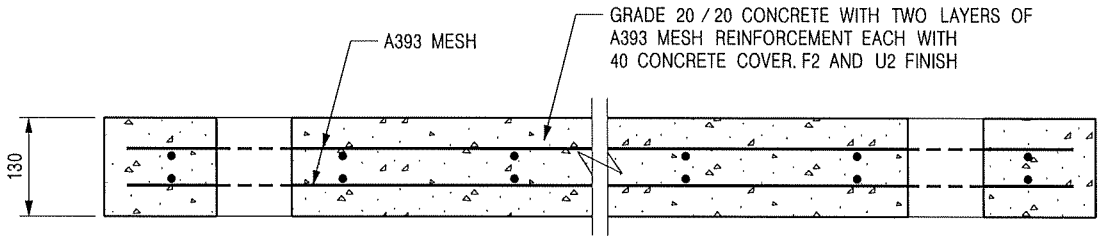


SECTION A - A

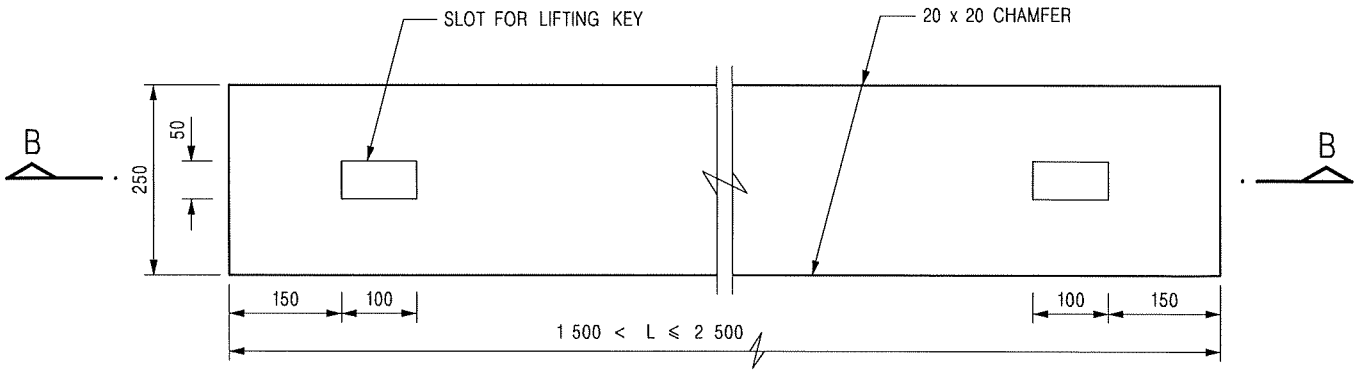


PLAN

TYPE 1 - FOR SPAN UP TO 1.5 m



SECTION B - B



PLAN

TYPE 2 - FOR SPANS 1.5 m TO 2.5 m

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL EXTERNAL EDGES OF THE COVERS SHALL BE 20mm CHAMFERED.

REF.	REVISION	SIGNATURE	DATE
B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	GENERAL REVISION	Original Signed	12.2002

PRECAST CONCRETE COVERS FOR CATCHPIT AND SAND TRAP

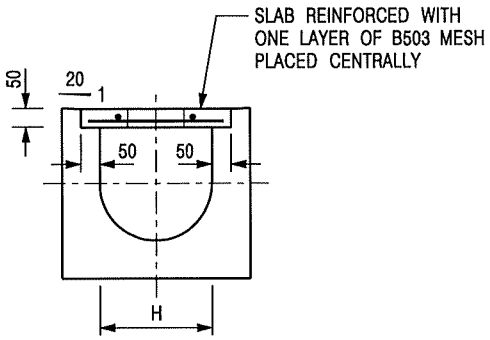
CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1 : 10

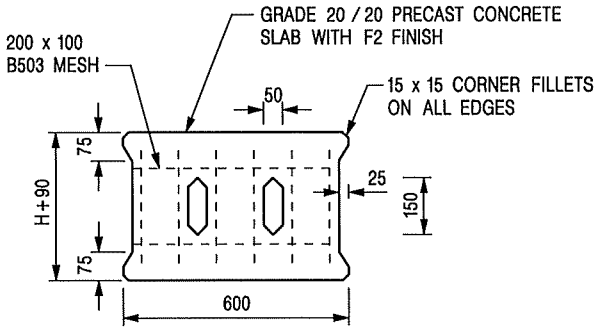
DATE JAN 1991

DRAWING NO. C2407B

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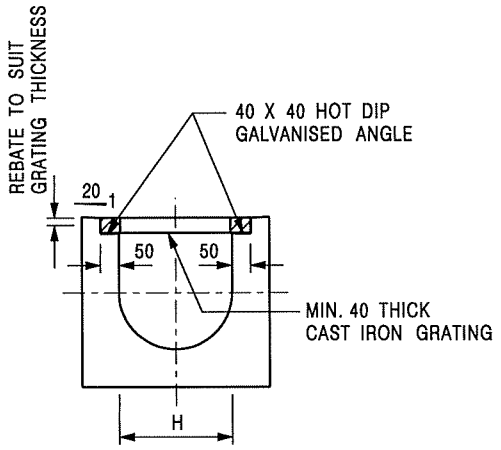
TYPICAL SECTION



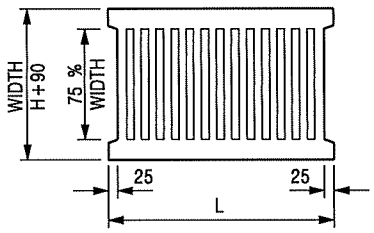
PLAN OF SLAB

U-CHANNELS WITH PRECAST CONCRETE SLABS

(UP TO H OF 525)



TYPICAL SECTION



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