

Re.: Planning application # TPB/A/HSK/488

7. Justifications 理由

(補充資料)

- (1) Excel (HK) Industrial Ltd. 補充資料
- (2) Circulation Path 圖 + 相關地段圖
- (3) 地段平面圖 Lot Index Plan
- (4) 恆訊顧問有限公司 2 Cat. 3 dangerous goods underground tanks 資料 + Access Road 圖 + Dispensing System 圖
- (5) 消防署信 + letter of compliance for Electrical installation 信 + Application for Licence of 2 x Cat. 3 dangerous goods U/G Tank 信 + 最新 Licence for The storage of dangerous goods 牌照
- (6) Drainage Layout Plan 圖+明渠照片
- (7) CCTV Inspection Report for Underground Pipeline

Re.: Planning application # TPB/A/HSK/488

補充資料

(1) Excel (HK) Industrial Ltd. 補充資料

Re : Planning application number: TPB/A/HSK/488

7. Justifications 理由

(補充資料)

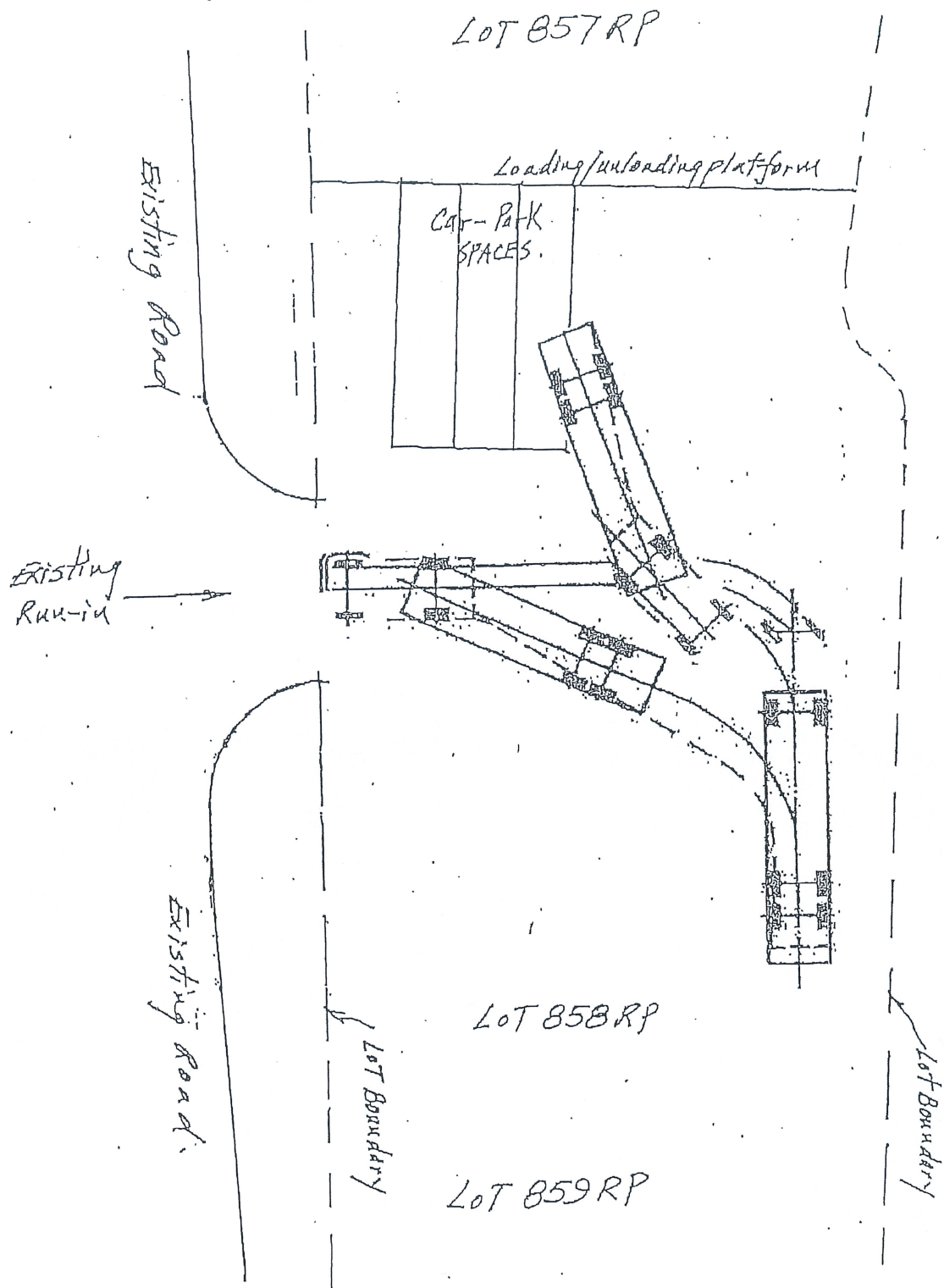
(1) Excel (HK) Industrial Ltd. 補充資料

1. Excel (HK) Industrial Ltd. (Excel) is in the business of trading chemical materials. Category 3 dangerous goods are the main commodities in its trading lists.
(Remark: Due to the revision of the dangerous goods classification by the relevant department, so it is changed from Cat.5 to Cat.3 Dangerous Goods.)
2. Excel is the whole-seller of toluene, isopropyl alcohol and ethyl acetate (Cat. 3 DG). It imports the materials and then distributes the materials in 20 litre containers to the retailers.
3. Excel needs storage area to keep the imported materials as well as a place to disseminate the materials into retail containers.
4. Delivery of the imported materials and logistics of distributing to the retailers call for means of delivery -- container trucks/lorries. Thus the loading / unloading platform and the parking spaces for the container trucks/lorries are essential to Excel's business operations.
5. Usage of D.G.(Cat. 3) materials - toluene, isopropyl alcohol and ethyl acetate
The materials are supplied to (i) printing factories, metal-ware manufacturers and garages -- used for cleaning ;
(ii) hardware supplies/shops -- used for dilution of paints ;
(iii) drug factories -- used for sterilization
6. Estimated average daily vehicle-trip in/out the site:-
(i) Lorry (equal or less than 5.5 tonne) -- 2 vehicle-trips per day ;
(ii) Container trucks -- 1/4 vehicle-trips per day (one container truck comes every 4 days).
7. Details of the two underground tanks for the D/G. materials
Each tank is of the size:- 2.7 m x 4.3 m long x 2.4 m deep (i.e. capacity of 27,864 litres)
Each tank will be buried to the depth of 3.2 m below the ground surface.
8. Guard room is 3.5 m in height.

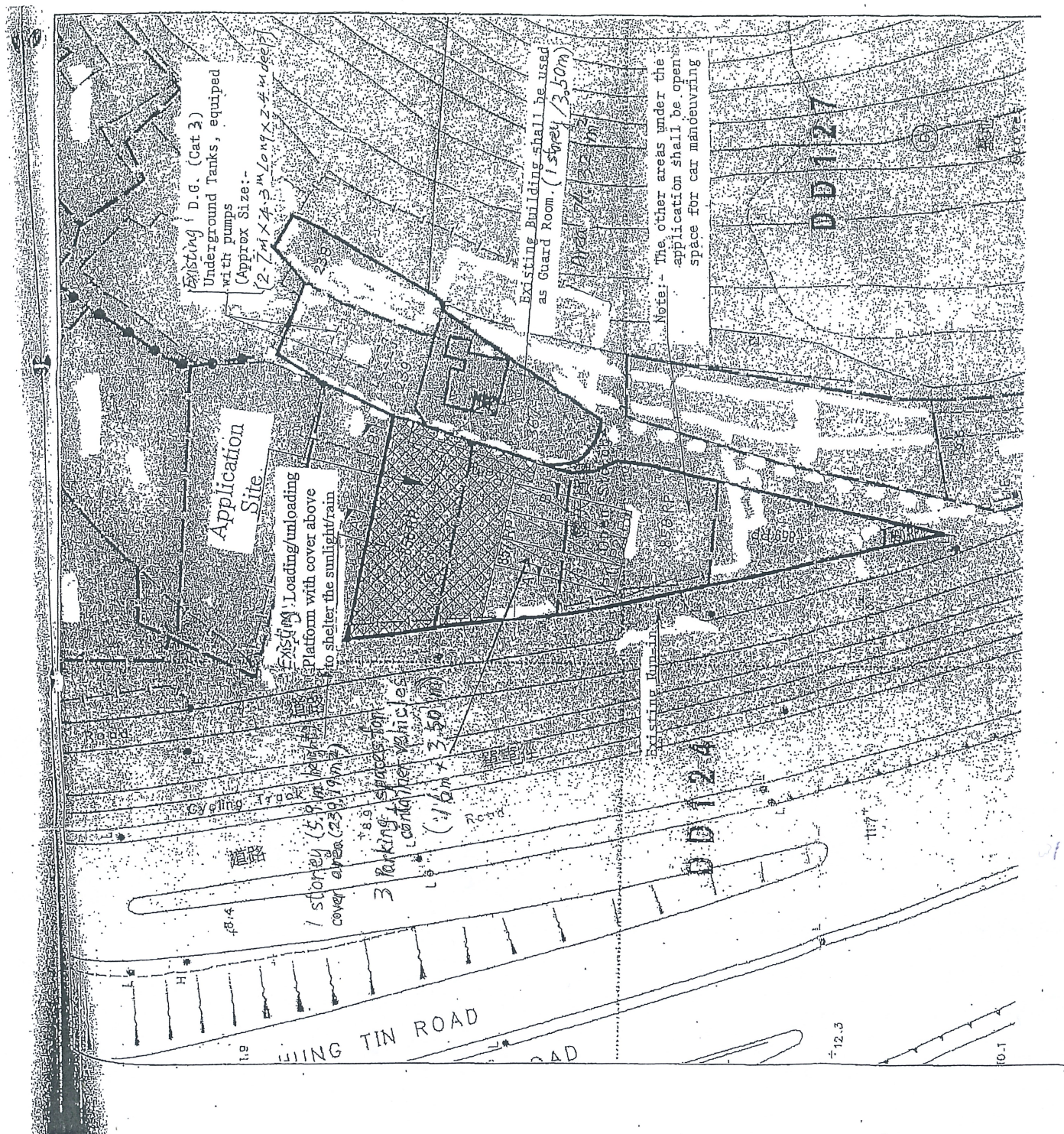
Re.: Planning application # TPB/A/HSK/488

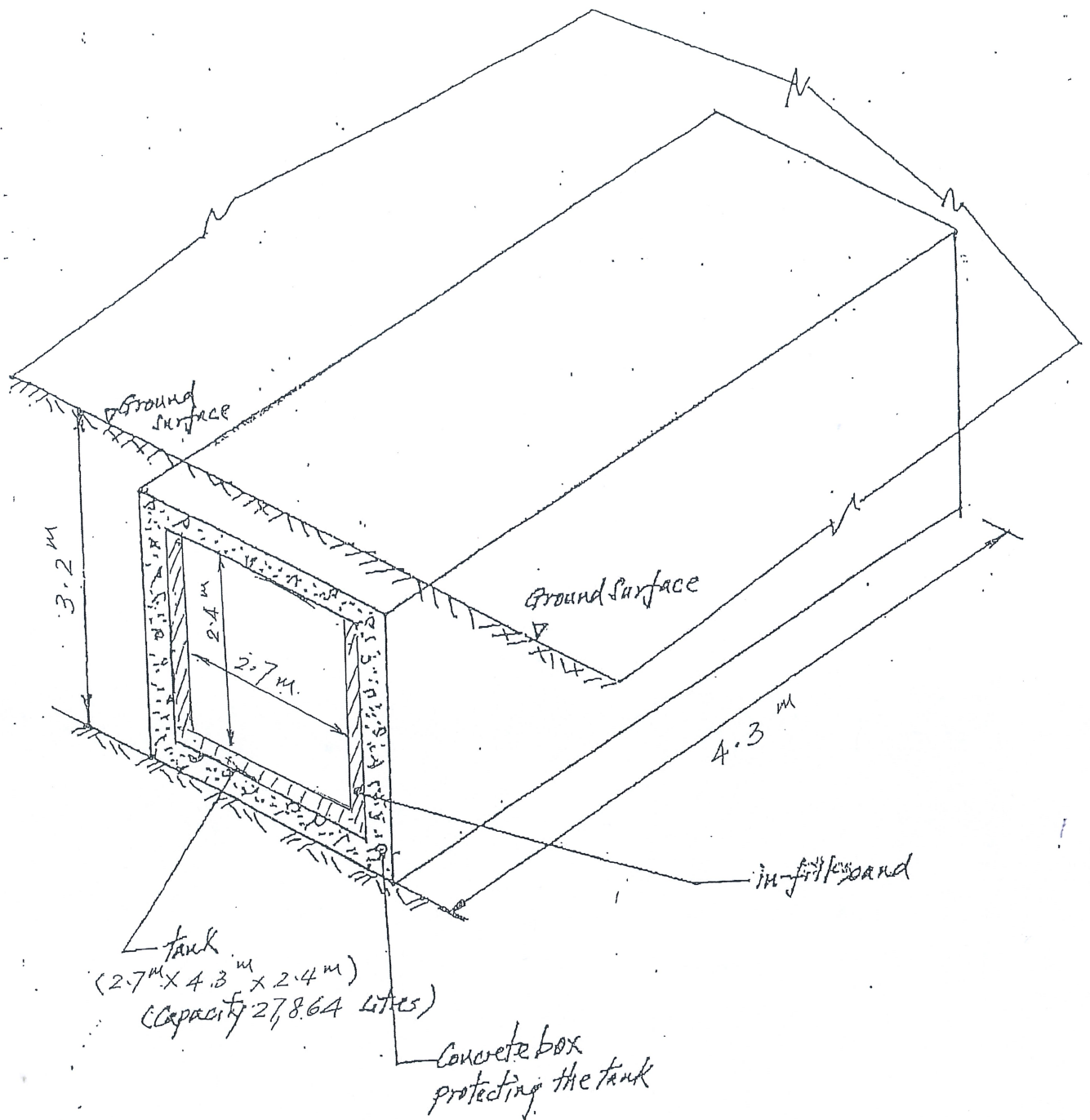
補充資料

(2) Circulation Path 圖 + 相關地段圖



Circulation Path.





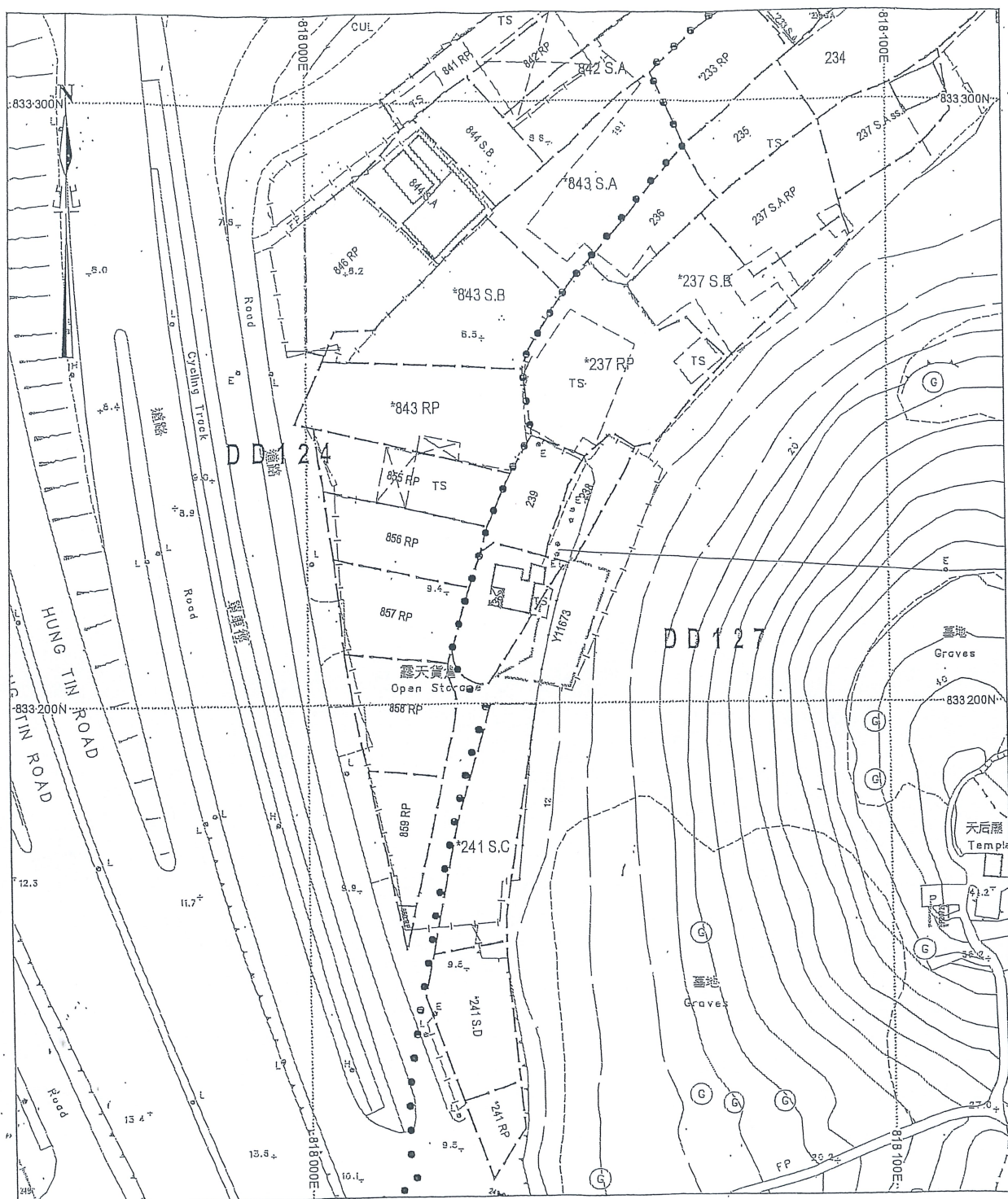
Illustrative Diagram of Underground Tank

Re.: Planning application # TPB/A/HSK/488

補充資料

(3) 地段平面圖 Lot Index Plan

地段索引圖 LOT INDEX PLAN



地政總署測繪處 Survey and Mapping Office, Lands Department

比例尺 SCALE 1:1000

米 metres 10 0 10 20 30 40 50 metres



Locality : YUEN LONG

Lot Index Plan No. : YL0000062014

District Survey Office : Yuen Long

Date : 19-Jun-2014

Reference No. : 6-NW-12B, 6-NW-13A

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SMO-P01

20140619152922 10

免責聲明

本圖則乃地段索引圖的複本，顯示地段界線的大概位置，包括根據政府撥地、臨時政府撥地、短期租約及政府土地租用牌照而臨時佔用土地的位置。臨時佔用土地的情況可憑藉短期通知出現或終止，因此應向有關的分區地政專員核證。本圖則所示的資料必須透過實地測量予以核實。當有更佳或新的地界證據時，地段索引圖可能會被修訂而無須事先通知。

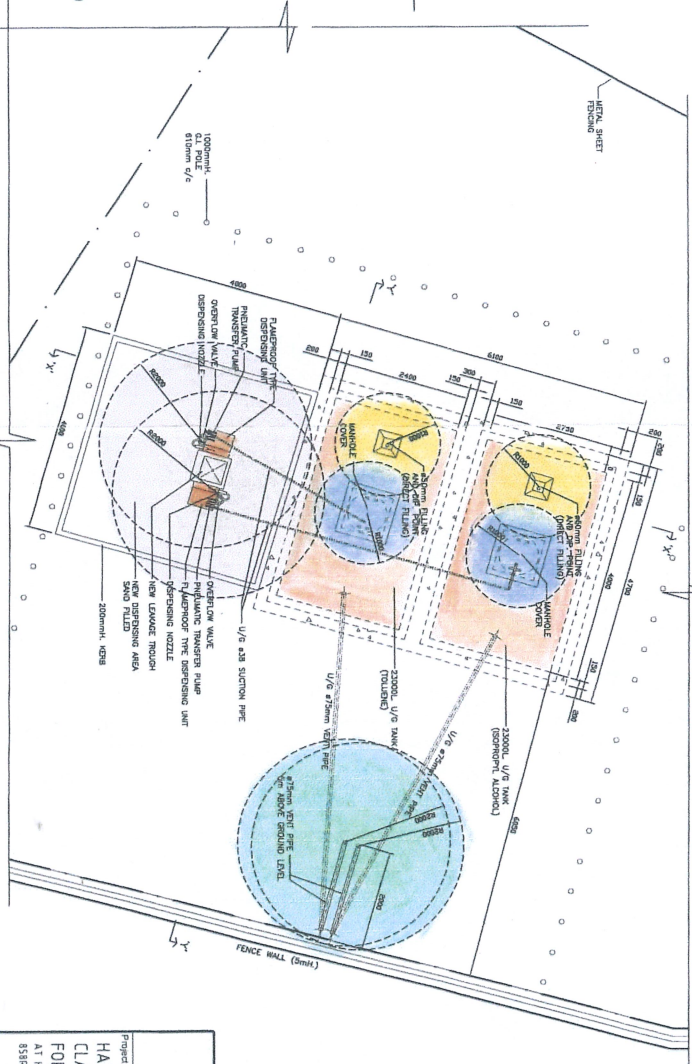
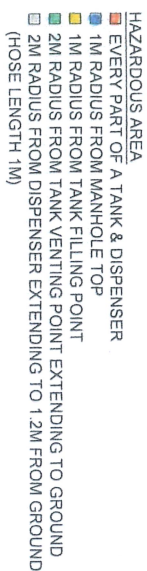
Disclaimer

This plan is a copy of the lot index plan showing the approximate location of lot boundaries, including the temporary occupation of land under Government Land Allocations, Temporary Government Land Allocations, Short Term Tenancies and Government Land Licences. The temporary occupation of land may be created or terminated at short notice and should be confirmed with the District Lands Officer. The information shown on this plan **MUST** be verified by field survey. The lot index plan may be revised without prior notification as better or new boundary evidence becomes available.

Re.: Planning application # TPB/A/HSK/488

補充資料

- (4) 恆訊顧問有限公司 2 Cat. 3 dangerous goods
underground tanks 資料 + Access Road 圖
+ Dispensing System 圖



This plan is in accordance with the Dangerous Goods Ordinance and is approved. The storage of Dangerous Goods within any approved Dangerous Goods Store however is subject to the compliance with the requirements for the grant of licence which will be issued separately by letter.

12.00
STEEL SHED
(CHEUNG Ngao-tin)
for Director of Fire Services

GENERAL NOTES:-

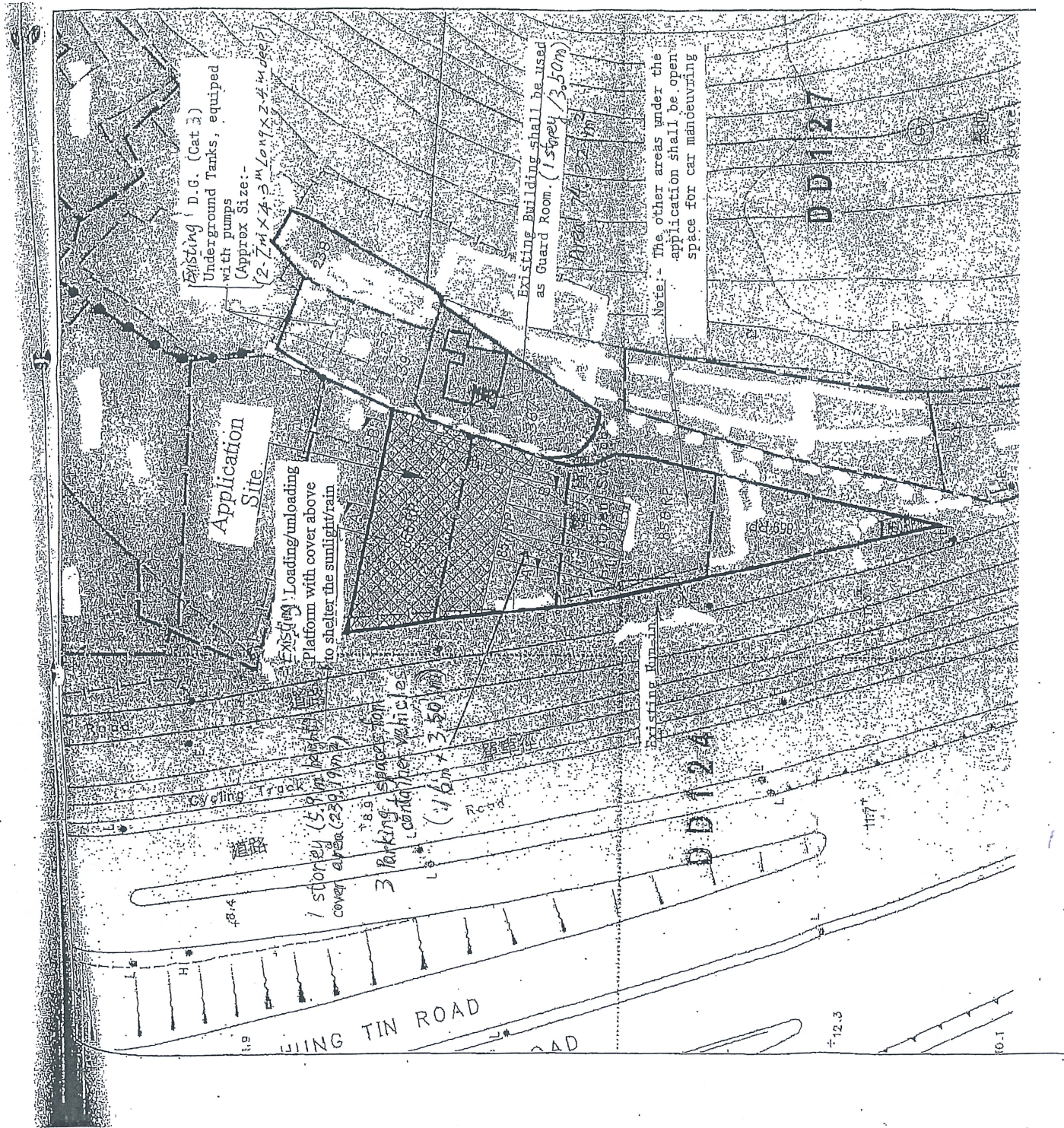
1. TANK TO BE TESTED BY AN AUTHORIZED MARINE ENGINEER BEFORE SINK IN POSITION.
2. CONCRETE TANK CHAMBER TO BE DESIGNED AND CONSTRUCTED TO WITHSTAND ALL PRESSURES IMPOSED BY BULWARK DEPARTMENT.
3. ALL PUMP & ENGINE ELECTRICAL EQUIPMENT USED TO BE OF THE FLAME-PROOF TYPE IN COMPLIANCE WITH BS EN60079 OR EQUIVALENT STANDARD.
4. ONE 660 GRV POWER & TWO 450 GRV GAS F.E. TO BE PROVIDED NEAR THE TANKS.
5. "NO SMOKING" "NO OPENED FLAME" & "DANGER OF EXPLOSION" SIGNS IN ENGLISH & CHINESE CHARACTERS TO BE PAINTED ON THE WALL ABOVE THE INSTALLATION.
6. DANGEROUS ROOMS TO BE PLUMBED OUT & DISCHARGED TO SEA THROUGH A DRAINAGE DISBURSE TO CONDUITS AND RETURNERS IMMEDIATELY.
7. THE VOLTAGE TO BE PROVIDED WITH AUTOMATIC CUT-OFF DEVICE TO PREVENT SPALLAGE DUE TO BLOW-BACK OR TO OVER LOAD.
8. DISCHARGING PUMPS TO BE FITTED WITH LIMITING OR PRESSURE RELEASE VALVES TO PREVENT CONTINUOUS OUTFLOW.
9. THE LENGTH OF HOSE BETWEEN THE DISCHARGING UNIT AND THE DISCHARGING NOZZLE SHALL NOT EXCEED 1m.
10. COMPRESSED AIR TO BE SUPPLIED TO ONE PNEUMATIC TROUSERS PUMP AT ANY TIME.

MENSION Consultants Limited
恒訊顧問有限公司

HAZARDOUS AREA FOR TWO(2) 23000L
CLASS 3 DANGEROUS GOODS UNDERGROUND TANKS
FOR EXCEL (H.K.) INDUSTRIAL LTD.
AT HUNG TIN ROAD, PING SHAN, YUEN LONG - DD,D,2, LOTS 5566P, 5576P,
5538P, 5539P & 8669P. D.O.1271 L.O.15 238, 239 & 367.

Drawing Title :	Project Number :
Scale :	Drawing Number :
AS NOTED	MS170/0071H
Designed By :	Date :
	FEB. 2022
	Drawn By :
	Yiu

NTND67/15456 (71)



Existing D.G. (Cat 3)
Under-ground Tanks, equipped
with pumps
(Approx Size:-
(2.7m x 1.5m Long x 2.4m deep)

Application
Site

Existing Loading/unloading
Platform with cover above
to shelter the sunlight/rain

Existing Building shall be used
as Guard Room. (1 storey / 3.50m)

Note:- The other areas under the
application shall be open
space for car manoeuvring

3 Parking space for
1 car/motor vehicles
(4.6m x 3.50m)

Existing Run-in

DD124

DD127

JING TIN ROAD

Application Site

Existing Loading/unloading Platform with cover above to shelter the sunlight/rain

Existing D.G. (Cat 3) Underground Tanks, equipped with pumps (Approx Size:- $2.7m \times 4.3m$ Long $\times 2.4m$ deep)

9 m height) $39.19m^2$
spaces for
tainer vehicles
 $16m \times 3.50m$

Existing Building shall be used as Guard Room. (1 storey / $3.50m$)

Area $74.32m^2$

Existing Run-in

Note:- The other areas under the application shall be open space for car manoeuvring

DD 1/27

By order

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- MENSION Consultants Limited
恒訊顧問有限公司

[illegible]

PROPOSED INSTALLATION OF TWO(2) 25000L
CAT. 5 DANGEROUS GOODS UNDERGROUND TANKS
FOR EXCEL (H.K.) INDUSTRIAL LTD.

Drawing Title :

Drawing Number:

Scale:

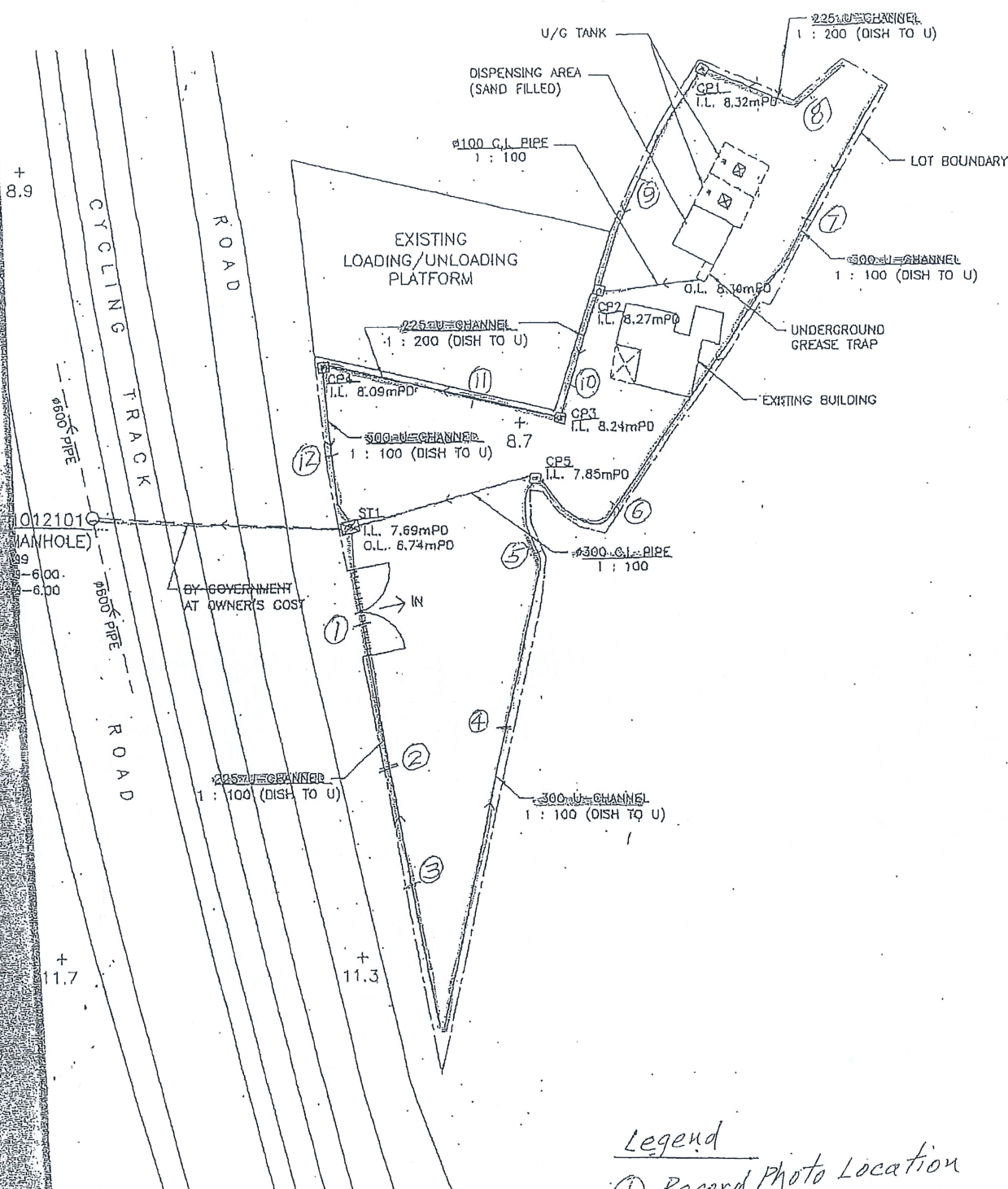
Date :

Designed By :

Drawn By :

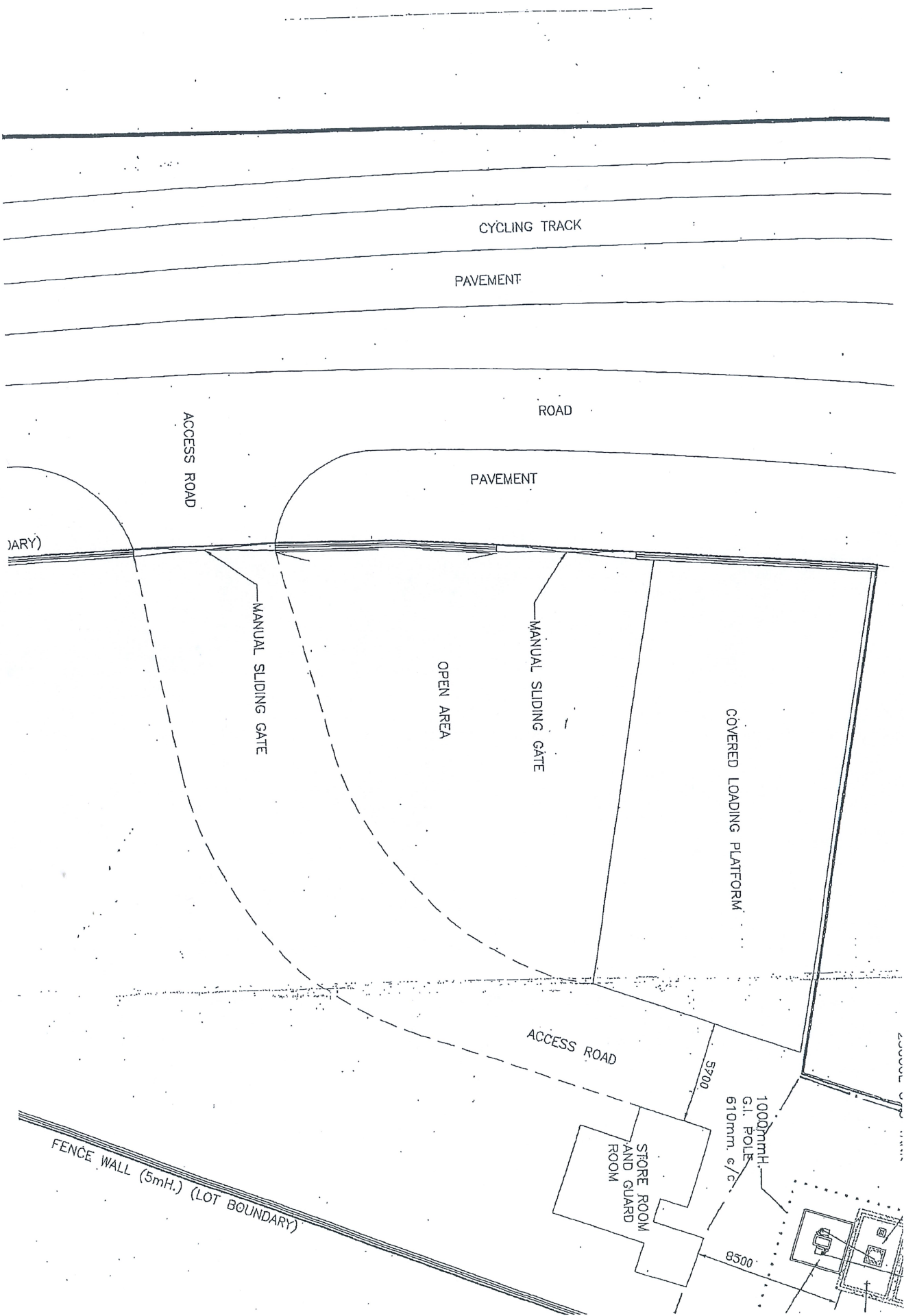
Yiu

NT/NDG/83456 (6)^A



- Legend
- ① Record Photo Location
 - Surface channel
 - U/G drains (CCTV test)

DRAINAGE LAYOUT PLAN
(1:500)



RETURN

LOT 241 S.D.

LAYOUT PLAN

SCALE 1 : 250

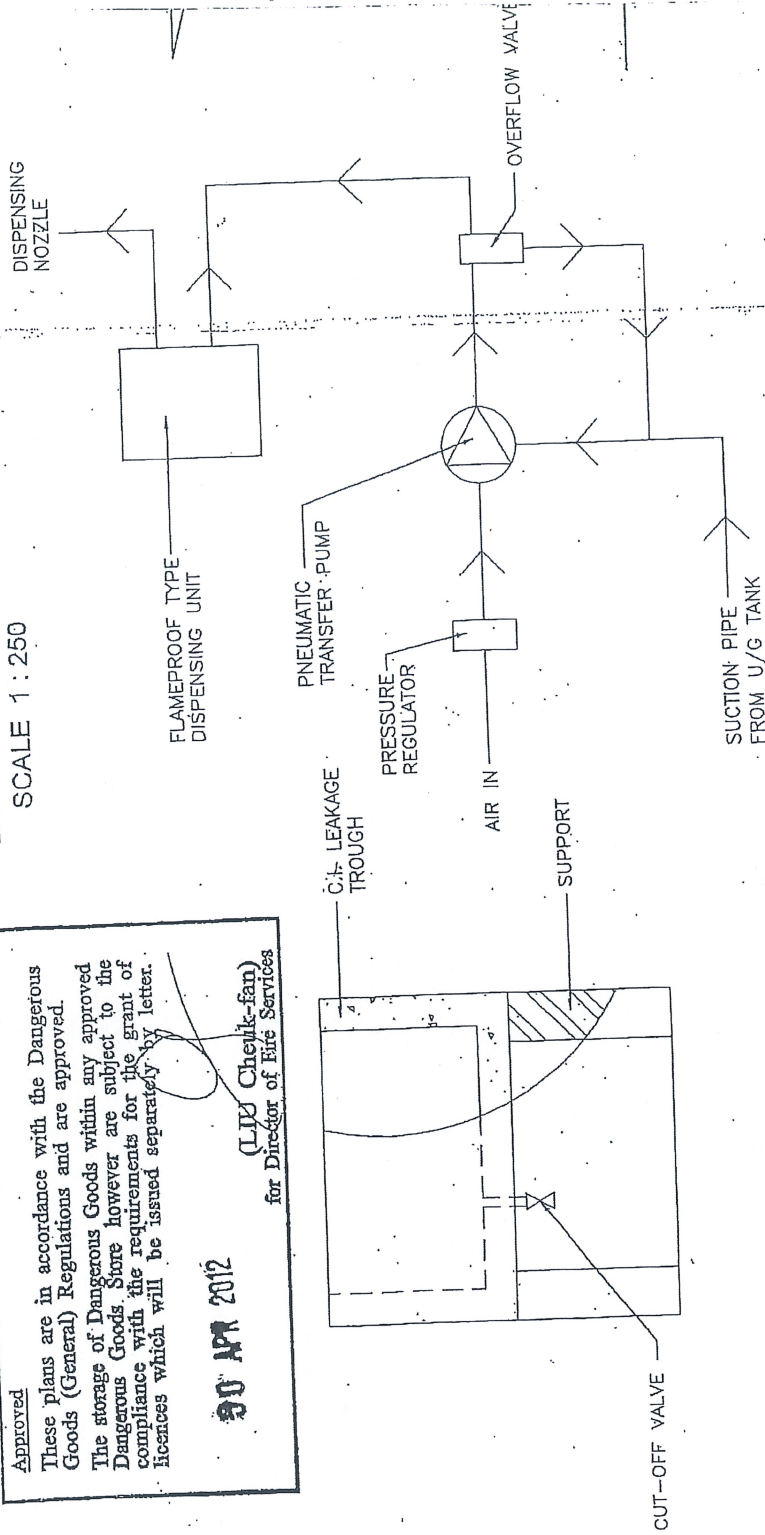
Approved

These plans are in accordance with the Dangerous Goods (General) Regulations and are approved.

The storage of Dangerous Goods within any approved Dangerous Goods Store however are subject to the compliance with the requirements for the grant of licences which will be issued separately by letter.

30 APR 2012

(LJ) Cheuk-fan
for Director of Fire Services



DETAIL OF LEAKAGE TROUGH FOR DISPENSING GUN

SCALE 1 : 20

Re.: Planning application # TPB/A/HSK/488

補充資料

(5) 消防署信 + letter of compliance for Electrical installation 信 + Application for Licence of 2 x Cat. 3 dangerous goods U/G Tank 信 + 最新 Licence for The storage of dangerous goods 牌照

*** Remark: 因有關部門修訂了危險品分類, 由第五類改為第三類

消防處
牌照及審批總區
危險品課

香港新界葵涌興盛路八十六號
消防處葵涌辦公大樓四樓



FIRE SERVICES DEPARTMENT
LICENSING & CERTIFICATION COMMAND
DANGEROUS GOODS DIVISION

4/F Fire Services Department
Kwai Chung Office Building,
86 Hing Shing Road,
Kwai Chung, New Territories,
Hong Kong

本處檔號 Our Ref. (7) in NT/N DG/85456
來函檔號 Your Ref. DD/F/1009(a)/12
圖文傳真 Fax: 852-2413 0873
電話 Tel. No. 852-2417 5757

30 April 2012

Mension Consultants Limited

~~XXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~

(Attn.: Mr. K. KO)

Dear Sir/Madam,

**Application for Licence on 2 x Category 5 Dangerous Goods U/G Tank
at Hung Tin Road, Ping Shan, Yuen Long - D.D.124 Lots 856RP, 857 RP, 858RP,
859RP and 860RP D.D. 127 Lots 238, 239 & 367**

I refer to your letter dated 26.3.2012.

This is to inform you that your plans submitted in connection with the above storage of dangerous goods are in accordance with the Dangerous Goods (General) Regulations.

The storage of Dangerous Goods within any approved Dangerous Goods Store is, however, subject to compliance with the Fire Safety Requirements for the grant of a Licence. These requirements are stated in the attached DG/118(Rev.6/09).

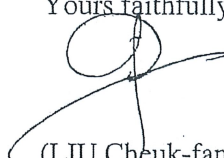
One set of your plans is endorsed and returned herewith whilst the other set is retained for record purpose.

Any amendment to the plans or modification to the design and specifications approved on the plans must be resubmitted in duplicate for further approval before the commencement of any installation or construction work.

You are required to inform this Department upon the completion of these safety requirements in order that an inspection could be arranged by my Officer. You are advised that any storage of Dangerous Goods without the necessary licence will result in legal action being taken against you and upon conviction you are liable to a fine of \$25,000 and to imprisonment for 6 months.

If you have any questions, please contact Mr. CHENG Chun-kit at 2417 5736. If necessary, you may also contact his supervisor, Mr. WONG Heung-wing at 2417 5719.

Yours faithfully,


(LIU Cheuk-fan)
for Director of Fire Services

Ref. Number and date should be quoted in reference to this letter
凡提及本信時請引述編號及日期

FS-224c (ver. 10/04)

消防處
牌照及審批總區

新界葵涌興盛路八十六號
消防處葵涌辦公大樓三樓



FIRE SERVICES DEPARTMENT
LICENSING & CERTIFICATION COMMAND

3/F, FSD Kwai Chung Offices Building,
86 Hing Shing Road, Kwai Chung, N.T.

本處編號 Our Ref.: FP 33/49605 EL01
來函編號 Your Ref.:
圖文傳真 Fax: (852) 2382 2495
電話 Tel. No.: (852) 2718 7567
電郵 e-mail: fsvent@hkfsd.gov.hk

By Registered Mail

15 May 2013

Dear Sir(s),

LETTER OF COMPLIANCE
FOR ELECTRICAL INSTALLATION AT

Owner : Excel (HK) Industrial Ltd
Premises : 2 x Cat 5 Dangerous Goods U/G Tank
Address : Hung Tin Road, Ping Shan, Yuen Long - D.D. 124
Lots 856RP, 857 RP, 858RP, 859RP and 860RP
D.D. 127 Lots 238, 239 & 367

The explosion-proof electrical installation at the above premises was inspected on 09.05.2013 by officers of this Department. At the time of inspection, it was found that the installation was in compliance with related fire safety requirements in BS5345 / BS EN60079.

To: Excel (HK) Industrial Ltd
c/o Mension Consultants Limited
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
(Attn: Mr. K.KO)

Yours faithfully,

(LAM Sui-hang)
for Director of Fire Services

c.c. SDO(DG) - encl. drawing & equipment schedule
(Ref.: (8) in NT/N DG/85456)
(Fax No. : 2413 0873)

DG/TS/309 (Revised 10/08)

消防處
牌照及審批總區
危險品課

香港新界葵涌興盛路 86 號
消防處葵涌辦公大樓 4 字樓



FIRE SERVICES DEPARTMENT
LICENSING & CERTIFICATION COMMAND
DANGEROUS GOODS DIVISION

4/F., Fire Services Department Kwai Chung
Office Building, 86 Hing Shing Road,
Kwai Chung, New Territories, Hong Kong

本處檔號 Our Ref. (20) in NT/N DG/85456(LIFIPS#83222)

來函檔號 Your Ref.

圖文傳真 Fax: 2413 0873

電話 Tel. No. 2417 5757

Excel (HK) Industrial Limited

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

30 May 2013

Dear Sir/Madam,

Application for Licence of 2 x Category 5 Dangerous Goods U/G Tank
at Hung Tin Road, Ping Shan, Yuen Long -D.D.124 Lots 856RP, 857PR, 858RP,
859RP, and 860RP D.D.127 Lots 238, 239 & 367

I have to inform you that your application for issue of the following Timber
Store/Dangerous Goods Licence(s) has been approved: -

Type & Quantity of Goods to be stored	Licence Fee
Licence No. L000238 23000L x U/G tanks for Toluene (Category 5 Class 1 Div. 1)	\$2,300.00
Licence No. L000239 23000L x U/G tanks for Isopropyl Alcohol (Category 5 Class 1 Div. 2)	\$2,300.00

You may obtain the licence(s) by one of the following methods:

Method (1) - In Person

You may call in person together with this letter at the Shroff Office during the following period to make the payment in cash or by cheque and collect the licence(s):

Monday to Friday	9:00 a.m.	-	12:30 p.m.
(Except Public Holidays)	2:00 p.m.	-	4:30 p.m.

Method (2) - By Post

Payment by cheque together with this letter may be sent to the Shroff Office. Upon receiving the payment, the licence(s) will be mailed to you by registered post.

Method (3) - Drop-in Box

Payment by cheque together with this letter may be placed in the drop-in box at Shroff Office. Upon receiving the payment, the licence(s) will be mailed to you by registered post.

Please also note the following:

- (i) The address of the Shroff Office is "Licensing & Certification Command Headquarters, Room 515, 5th Floor, Fire Services Headquarters Building, 1 Hong Chong Road, Tsimshatsui East, Kowloon" (Telephone number: 2733 7608);
- (ii) All cheques shall be made payable to "The Government of the Hong Kong Special Administrative Region" and crossed; and
- (iii) Post-dated cheque will not be accepted.

Yours faithfully,

(LIU Cheuk-fan)
for Director of Fire Services

c.c. Licensing Office, HQ (LC)

THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION

香港特別行政區政府

Dangerous Goods Ordinance

Chapter 295

Section 6 and Section 9

危險品條例

第二百九十五章

第六條及第九條

STORE AND USE LICENCE FOR SCHEDULE 2 DANGEROUS GOODS (S2DG)

S2 危險品貯存暨使用牌照

1. Name of the licensee

持牌人的姓名或名稱 Excel (HK) Industrial Limited

2. Particulars of S2DG permitted to be stored or used

獲准貯存或使用的 S2 危險品的詳情

UN number/ HK number 聯合國編號/ 香港編號	Proper Shipping Name 正式運輸名稱	Class 類別	Subsidiary Hazard 次要危險性	Packing Group 包裝類別	Maximum quantity for the storage and use in aggregate 總共貯存和使用的最 多分量
UN 1294	TOLUENE	Class 3	None	PG II	23,000 litres

3. Particulars of the licensed store

有關持牌貯存所的詳情

- (a) Address of the store

貯存所的地址 Hung Tin Road, Ping Shan, DD124 Lots 856RP to 860RP, DD127 Lots 238, 239 & 367, Yuen Long, N.T.

- (b) Location(s) at which the S2DG may be stored

可貯存有關 S2 危險品的地點 Underground Tank 1

4. Location(s) at which the S2DG may be used

可使用有關 S2 危險品的地點 Within the fenced openground as demarcated on the plans endorsed on 30.4.2012

5. Prescribed fee for the licence

牌照的訂明費用 \$2,760.00

6. Date on which the licence is first granted

首次批給牌照的日期 30/05/2023

7. Validity period of the licence

牌照的有效期 30/05/2026 - 29/05/2027

8. This licence is subject to the endorsed conditions overleaf.

本牌照受後頁已批註的條件所規限。

(Digitally signed by)

(LEUNG Yau-shing)

for Director of Fire Services

消防處處長

(梁有勝 代行)

FSD Ref. in NTN DG/85456
消防處檔案編號

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THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION

香港特別行政區政府

Dangerous Goods Ordinance

Chapter 295

Section 6 and Section 9

危險品條例

第二百九十五章

第六條及第九條

STORE AND USE LICENCE FOR SCHEDULE 2 DANGEROUS GOODS (S2DG)

S2 危險品貯存暨使用牌照

1. Name of the licensee

持牌人的姓名或名稱 **Excel (HK) Industrial Limited**

2. Particulars of S2DG permitted to be stored or used

獲准貯存或使用的 S2 危險品的詳情

UN number/ HK number 聯合國編號/ 香港編號	Proper Shipping Name 正式運輸名稱	Class 類別	Subsidiary Hazard 次要危險性	Packing Group 包裝類別	Maximum quantity for the storage and use in aggregate 總共貯存和使用的最 多分量
UN 1219	ISOPROPANOL (also known as ISOPROPYL ALCOHOL)	Class 3	None	PG II	23,000 litres

3. Particulars of the licensed store

有關持牌貯存所的詳情

- (a) Address of the store

貯存所的地址 **Hung Tin Road, Ping Shan, DD124 Lots 856RP to 860RP, DD127 Lots
238, 239 & 367, Yuen Long, N.T.**

- (b) Location(s) at which the S2DG may be stored

可貯存有關 S2 危險品的地點 **Underground Tank 2**

4. Location(s) at which the S2DG may be used

可使用有關 S2 危險品的地點 **Within the fenced openground as demarcated on the plans endorsed on
30.4.2012**

5. Prescribed fee for the licence

牌照的訂明費用 **\$2,760.00**

6. Date on which the licence is first granted

首次批給牌照的日期 **30/05/2023**

7. Validity period of the licence

牌照的有效期 **30/05/2026 - 29/05/2027**

8. This licence is subject to the endorsed conditions overleaf.

本牌照受後頁已批註的條件所規限。

(Digitally signed by)

(LEUNG Yau-shing)

for Director of Fire Services

消防處處長

(梁有勝 代行)

FSD Ref. in NTN DG/85456
消防處檔案編號

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"iAM Smart" mobile app or <https://eproof.gov.hk> to scan this QR-Code.

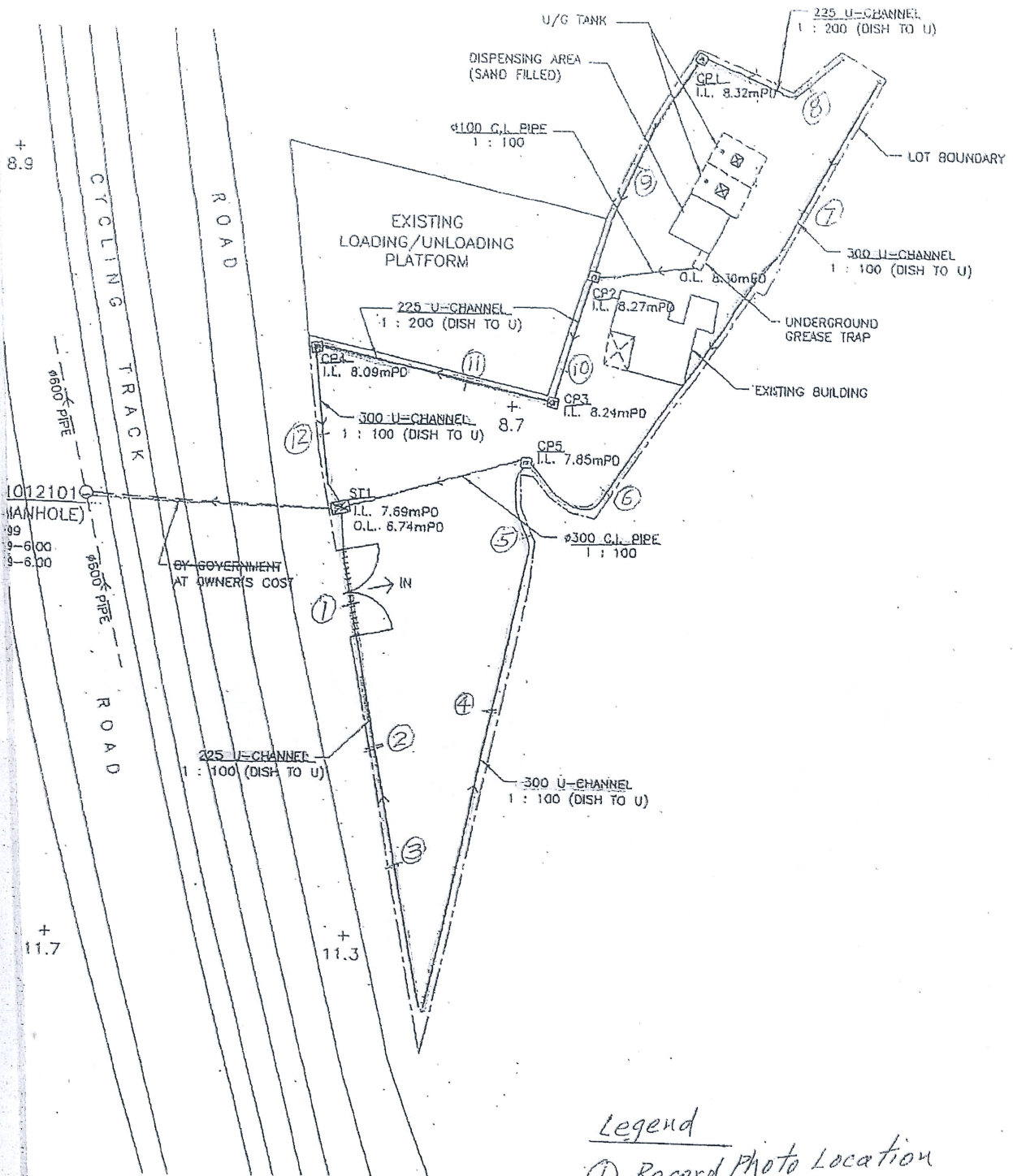
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掃描此二維碼。



Re.: Planning application # TPB/A/HSK/488

補充資料

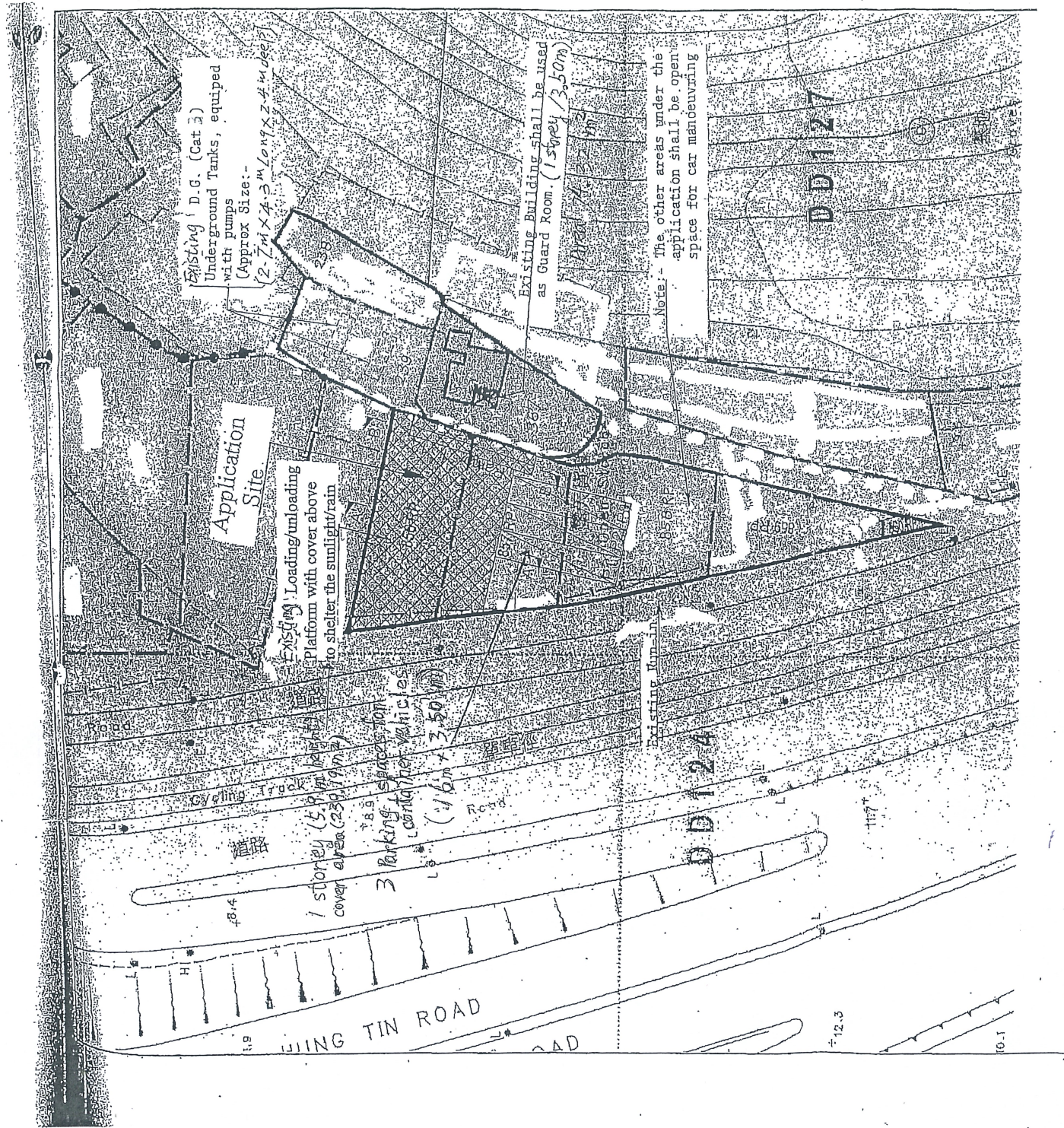
(6) Drainage Layout Plan & 明渠照片



DRAINAGE LAYOUT PLAN
(1:500)

Legend

- ① Record Photo Location
- Surface channel
- U/G drains (CCTV test)



Existing D.G. (Cat 3)
Under-ground Tanks, equipped
with pumps
(Approx Size:-
2.7m x 4.5m Long x 2.4m deep)

Application
Site

Existing Loading/unloading
Platform with cover above
to shelter the sunlight/rain

1 storey (5.9m high)
cover area (23.9m x 3.50m)
3 Parking space for
loading vehicles
(16m x 3.50m)

Existing Building shall be used
as Guard Room. (1 storey / 3.50m)
Area 16.32m

Note:- The other areas under the
application shall be open
space for car manoeuvring

DD127

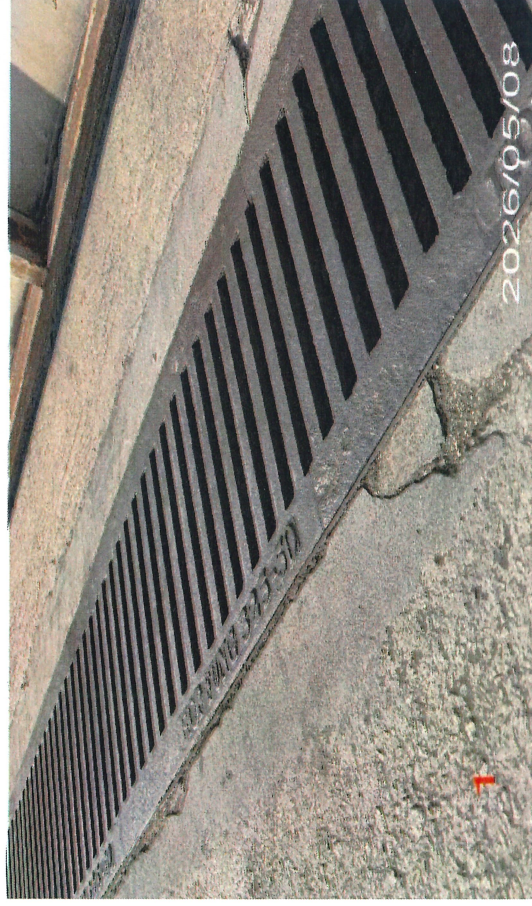
DD124

JING TIN ROAD

12.3

10.1

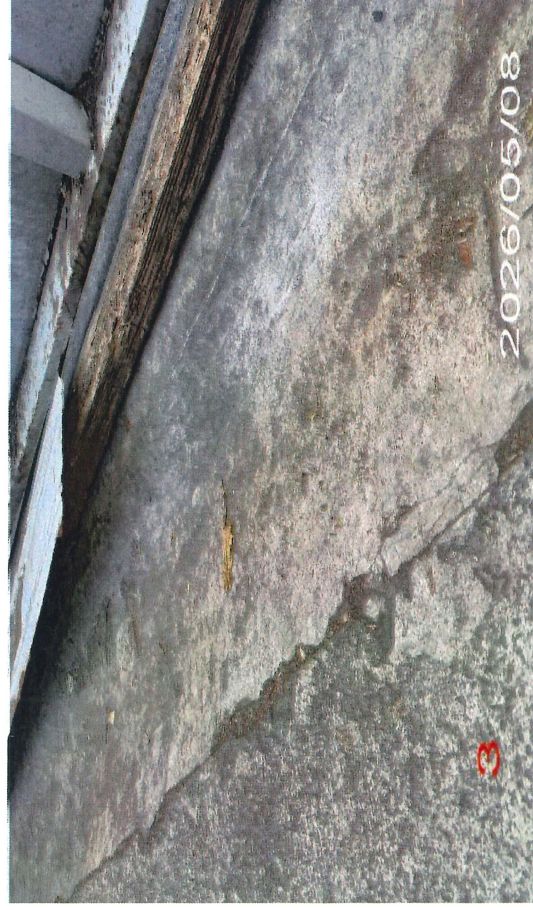
LOCATION 1



LOCATION 2



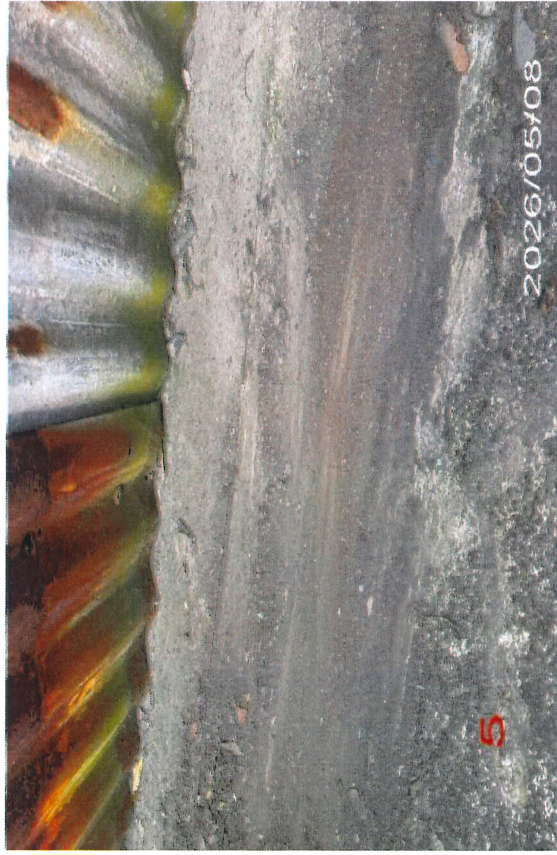
LOCATION 3



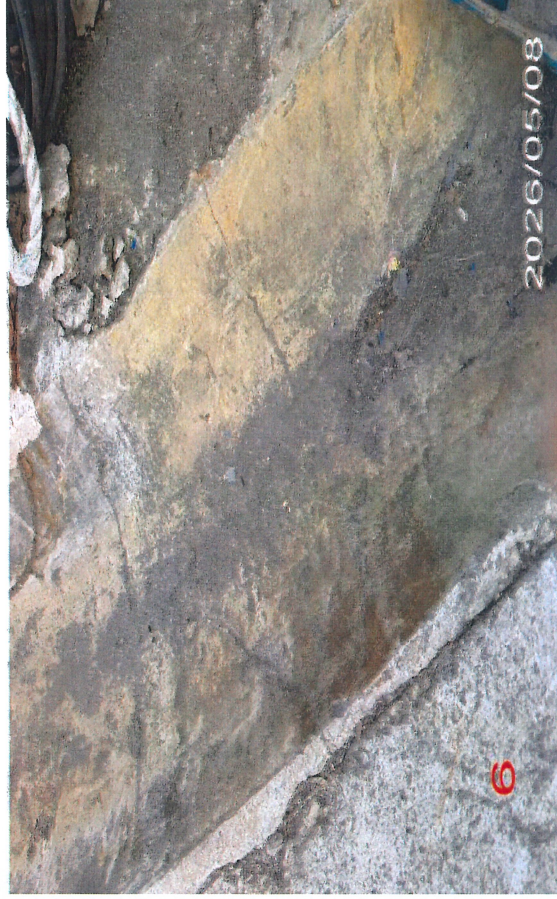
LOCATION 4



LOCATION 5



LOCATION 6



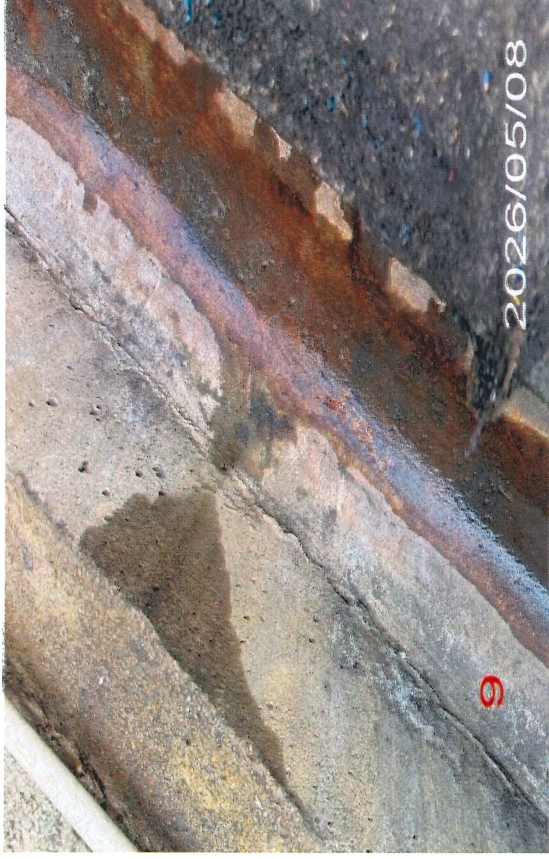
LOCATION 7



LOCATION 8



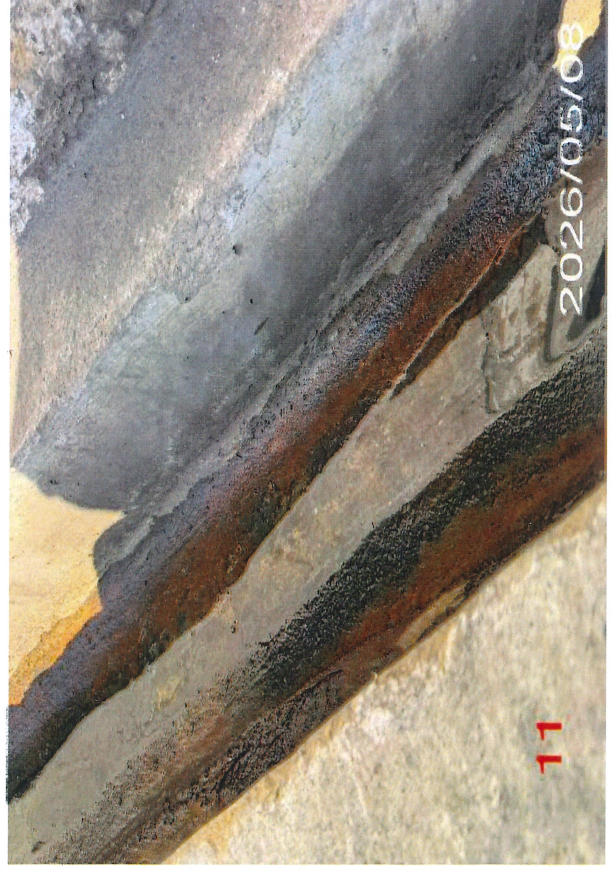
LOCATION 9



LOCATION 10



LOCATION 11



LOCATION 12



Re.: Planning application # TPB/A/HSK/488

補充資料

(7) CCTV Inspection Report for Underground Pipeline

CCTV Inspection Report for Underground Pipeline

**Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road,
Ping Shan**

Survey Dates: 08 MAY 2026

Surveyor's Company:

Tai Hung Engineering Co. Ltd.

Signature: *Sm* **Date:** *A-05-2026*

Contractor:

EXCEL(HK) INDUSTRIAL LIMITED

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

Table of Contents

- 1.0 Summary of Pipelines (Form A)
- 2.0 Summary of Defects (Form B)
- 3.0 CCTV Survey Coding Record (Form C) and Conditions Photographs (Form D)
- 4.0 Sewer Condition Codes and Defect Grade Description
- 5.0 Site Plan

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

1.0 Summary of Pipelines (Form A)

Summary of Pipelines

Project/Contract/Wo No. Slope Reference No. -

Date : 08.05.26

Location : **LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan**

Drain / Sewer use : Surface water

Item	Manhole		Pipe			Manhole(From)			Grades			Remarks
	From	To	Lengths(m)	Size(mm)	Material	I.L.	C.L.	Depths(mm)	SCG	ICG	SPG	
1	CP2	GREUSE TRAP	007.1	100	CO				0	0	Z	
2	CP5	ST1	013.2	300	CO				0	3	Z	
3	ST1 P1	M.H.	021.1	100	CO				0	0	Z	
4	ST1 P2	M.H.	021.8	100	CO				0	0	Z	

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

2.0 Summary of Defects (Form B)

Summary of Defects

Works Order No.				Colour CCTV Drainage Survey																			
				Pipe										Service Condition								MISC	
Item No.	Manhole		Meters (m)	Urgent	Cracked	Fractured	Broken	Deformed	Collapsed	Hole	Surface Spalling/Wear	Joint Displaced	Open Joint	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Line	Line	Survey Abandoned	camera Under Water
	From	To																					
001	CP2	GREUSE TRAP	007.1																	1			
002	CP5	ST1	013.2			2														1			
003	ST1 P1	M.H.	021.1																	2			
004	ST1 P2	M.H.	021.8																	1			
		Total	63.2			2														5			

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

3.0 CCTV Survey Coding Record (Form C) and Conditions Photographs (Form D)

Surveyed by (Operator)

Contract No.

Job No.

Drainage Area Code

Div

District

Pipe Length Reference

Date

Time

Road Name

Place

08.05.26

Hung Tin Road

LOST:238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan

Start Manhole No.

CP5

Depth

Cover Level

Invert Level

Finish Manhole No.

ST1

Depth

Cover Level

Invert Level

Use

S

Direction

D

Size(dia)

300

Shape

C

Material

CO

Lining

Pipe Length

Total Length

13.2

Year Laid

Z

Cont. Page No.

Video Tape No.

Comments General

Purpose

A

Cat

Z

Weather

1

Preclean

Y

Location

A

Further Location Details (Slope Ref.)

Video No.

Photo No.

Chainage(m)

Cont defects & extra line

Letters

Code

Dia of JN/CN(mm)

Numbers

Clock At / To

Intrusion % / mm

Remarks

CP5

ST1

Div	District	Pipe Length Reference
-	-	ST1 P1X

Place
LOST 238-239 and 367 IN D.D. 127 Hung Tin Road, Ping Shan

Level Level

Cont. Page NO.

Comments General

[illegible][illegible]

Div District

--	--

Drainage Area Code

2.

Job

Contract No.

ed by (Operator)Sur

Start Manhole No.	Depth	Cover Level	Invert Level	Finish Manhole No.	Depth	Cover Level	Invert Level
ST1 P2				M.H.			

Use	S	Direction	D	Size	100	X	Shape	C	Material	CO	Lining	-	Pipe Length		Total Length	21.8	Year Laid	Z	Cont. Page No.	
-----	---	-----------	---	------	-----	---	-------	---	----------	----	--------	---	-------------	--	--------------	------	-----------	---	----------------	--

Video Tape No.	
Comments General	

Purpose	Cat	Preclean	Weather	Location	Further Location Details (Slope Ref.)
A	7	Y	1	A	

[illegible][illegible][illegible][illegible][illegible][illegible]

[illegible][illegible][illegible][illegible][illegible]

Hung 111 Road.civ // Page: 4/4

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Contract No. :

CCTV SURVEY

Works Order No. :

Summary of CCTV Survey Results:

ID	Pipe Length Ref.	Start MH	Finish MH	Survey Area	Function	Size	Grade	Length	Clean	Remarks
1	GREUSE TRAPX	CP2	GREUSE TRAP	-	S	100	1	7.1m	Y	FH
2	CP5X	CP5	ST1	-	S	300	3	13.2m	Y	FH
3	ST1 P1X	ST1 P1	M.H.	-	S	100	1	21.1m	Y	FH
4	ST1 P2X	ST1 P2	M.H.	-	S	100	1	21.8m	Y	FH

CCTV Survey Report

Heading

Contract No. Purpose	Structural defects	Operator Job No.		Date Time	08.05.26	ID PLR	001 GREUSE TRAPX
Start MH Depth Cover Level Invert Level	CP2	Finish MH Depth Cover Level Invert Level	GREUSE TRAP	Weather Cleaned Score Grade	Dry Yes 0 1	Use Direction Pipe Length Total Length	Surface water Upstream 7.1
Road Location Loc. Code Area Code District Division Category	Hung Tin Road LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan Main road - urban - - - Z			Size Shape Material Lining Comment Loc. Details Tape	100 mm Circular Concrete Nil		

Coding

Video No.	1:50	Chainage	Code	Observation	Photo	Grade
CP2 0.0 ST Start Of Survey 0						
0.0 MH Manhole Remark : CP2 0						
0.0 WL Water Level, 5 % height/diameter 0						
0.0 GP General Photograph 001 0						
2.0 GP General Photograph 002 0						
5.8 GP General Photograph 003 0						
7.1 MH Manhole Remark : GREUSE TRAP 0						
7.1 FH Finished Survey 0						
GREUSE TRAP						

• Structural Defects

• Service Defects

• Structural Defects with Grade 4 or 5

• Service Defects with Grade 4 or 5

• Constructional Features

• Miscellaneous Features

CCTV Photographs

Road
Location

Hung Tin Road
LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan

Start MH
Finish Pt.

CP2
GREUSE TRAP

Size
Shape
Material

100 mm
Circular
Concrete

ID
PLR

001
GREUSE TRAPX

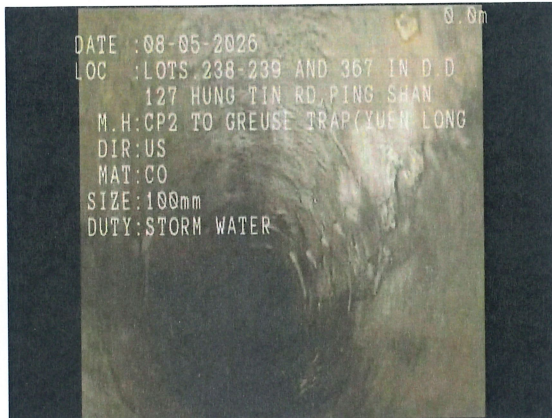


Photo Ref. : 001
Video Tape :
Observation : General Photograph

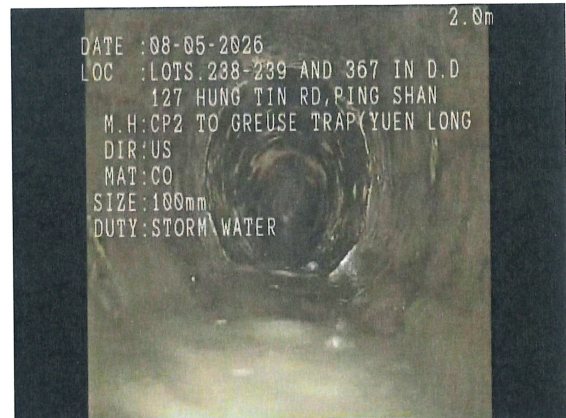


Photo Ref. : 002
Video Tape :
Observation : General Photograph

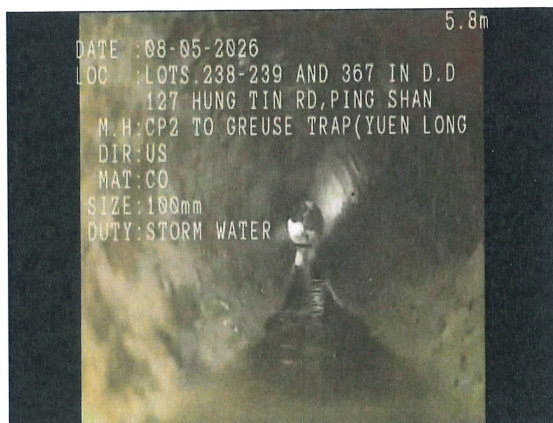


Photo Ref. : 003
Video Tape :
Observation : General Photograph

- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

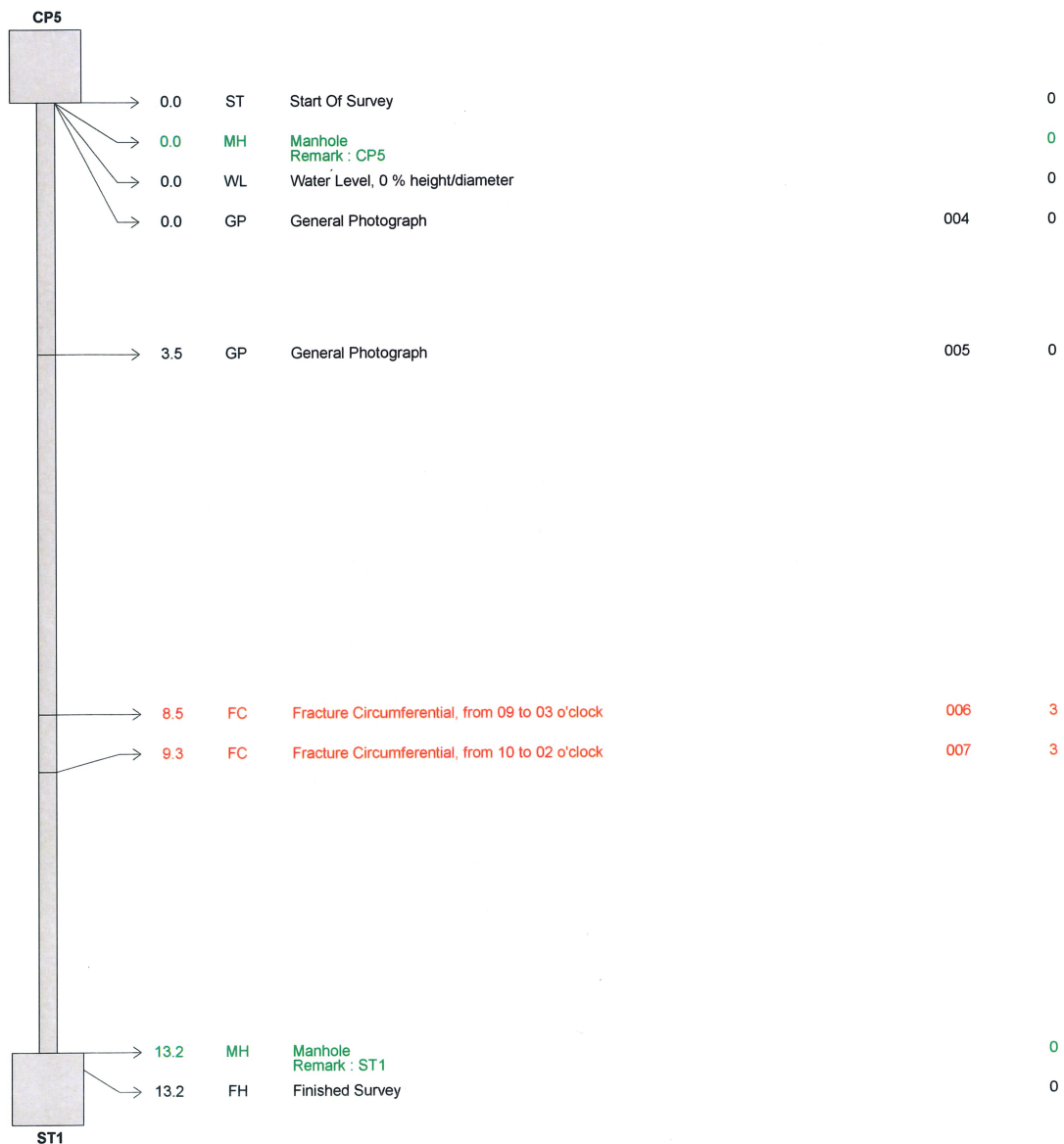
CCTV Survey Report

Heading

Contract No. Purpose	Structural defects	Operator Job No.		Date Time	08.05.26	ID PLR	002 CP5X
Start MH Depth Cover Level Invert Level	CP5	Finish MH Depth Cover Level Invert Level	ST1	Weather Cleaned Score Grade	Dry Yes 40 3	Use Direction Pipe Length Total Length	Surface water Downstream 13.2
Road Location Loc. Code Area Code District Division Category	Hung Tin Road LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan Main road - urban			Size Shape Material Lining Comment Loc. Details Tape	300 mm Circular Concrete Nil		

Coding

Video No.	1:100	Chainage	Code	Observation	Photo	Grade
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- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

CCTV Photographs

Road	Hung Tin Road	Start MH	CP5	Size	300 mm	ID	002
Location	LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan	Finish Pt.	ST1	Shape	Circular	PLR	CP5X
				Material	Concrete		

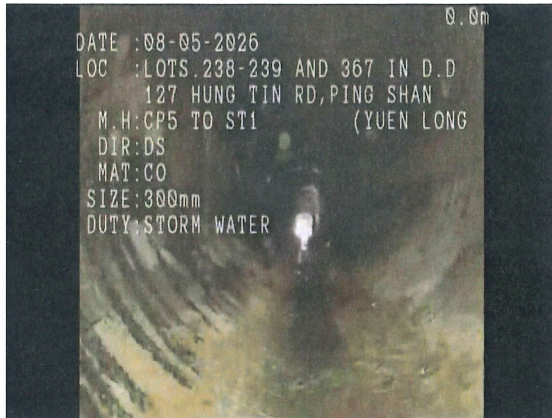


Photo Ref. : 004
Video Tape :
Observation : General Photograph

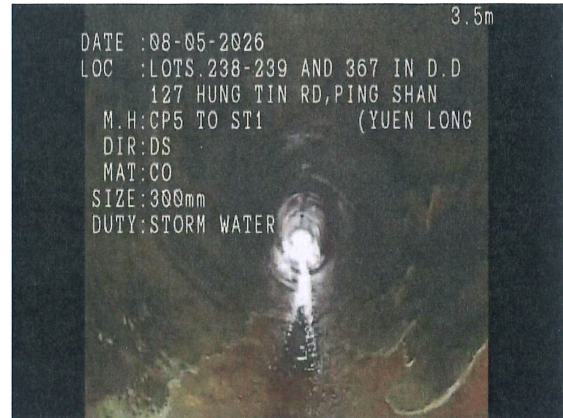


Photo Ref. : 005
Video Tape :
Observation : General Photograph

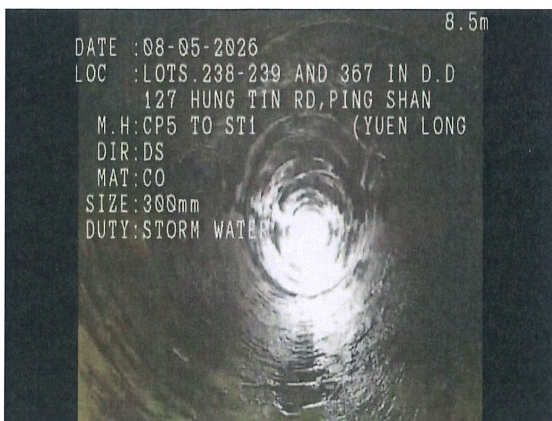


Photo Ref. : 006
Video Tape :
Observation : Fracture Circumferential, from 09 to 03 o'clock

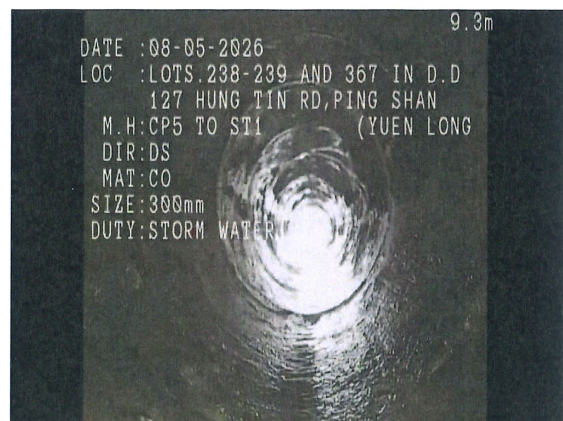


Photo Ref. : 007
Video Tape :
Observation : Fracture Circumferential, from 10 to 02 o'clock

- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

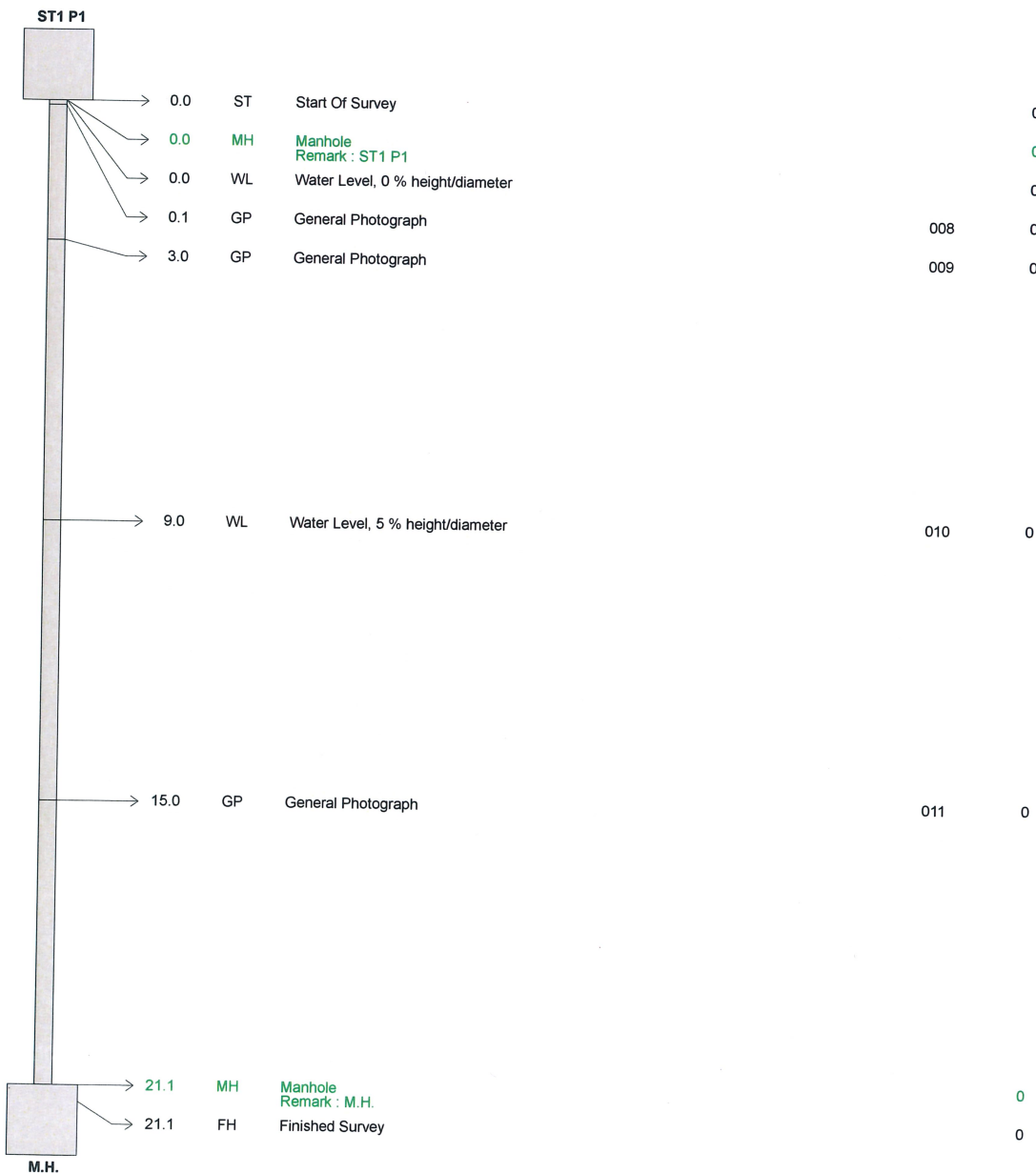
CCTV Survey Report

Heading

Contract No. Purpose	Structural defects	Operator Job No.		Date Time	08.05.26	ID PLR	003 ST1 P1X
Start MH Depth Cover Level Invert Level	ST1 P1	Finish MH Depth Cover Level Invert Level	M.H.	Weather Cleaned Score Grade	Dry Yes 0 1	Use Direction Pipe Length Total Length	Surface water Downstream 21.1
Road Location Loc. Code Area Code District Division Category	Hung Tin Road LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan Main road - urban			Size Shape Material Lining Comment Loc. Details Tape	100 mm Circular Concrete Nil		

Coding

Video No.	1:150	Chainage	Code	Observation	Photo	Grade
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- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

CCTV Photographs

Road
Location

Hung Tin Road
LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan

Start MH
Finish Pt.

ST1 P1
M.H.

Size
Shape
Material

100 mm
Circular
Concrete

ID
PLR

003
ST1 P1X

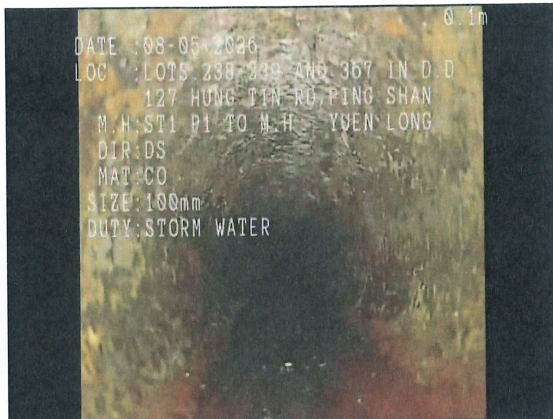


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Video Tape :
Observation : General Photograph

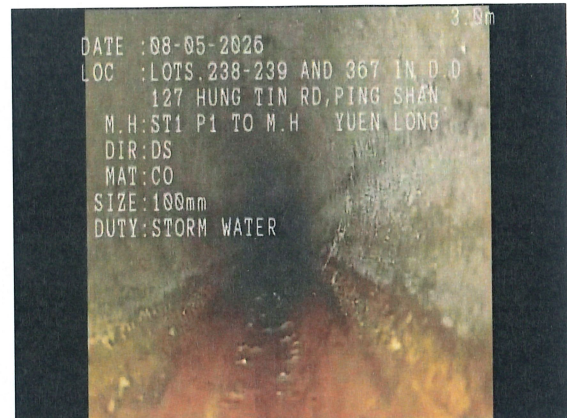


Photo Ref. : 009
Video Tape :
Observation : General Photograph

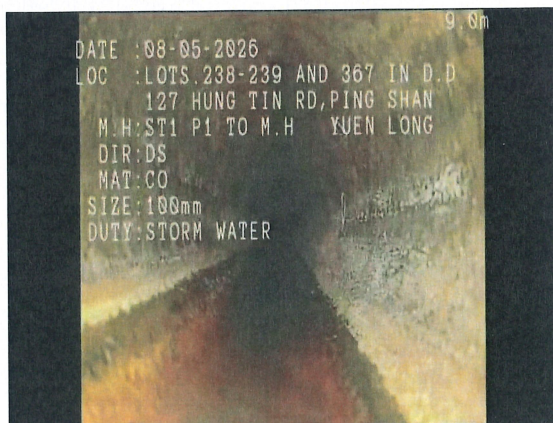


Photo Ref. : 010
Video Tape :
Observation : Water Level, 5 % height/diameter

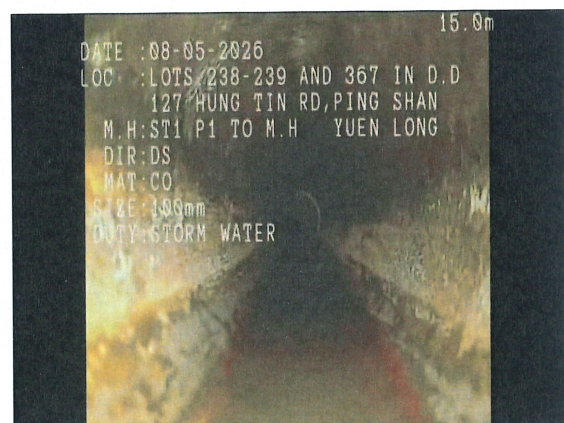


Photo Ref. : 011
Video Tape :
Observation : General Photograph

- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

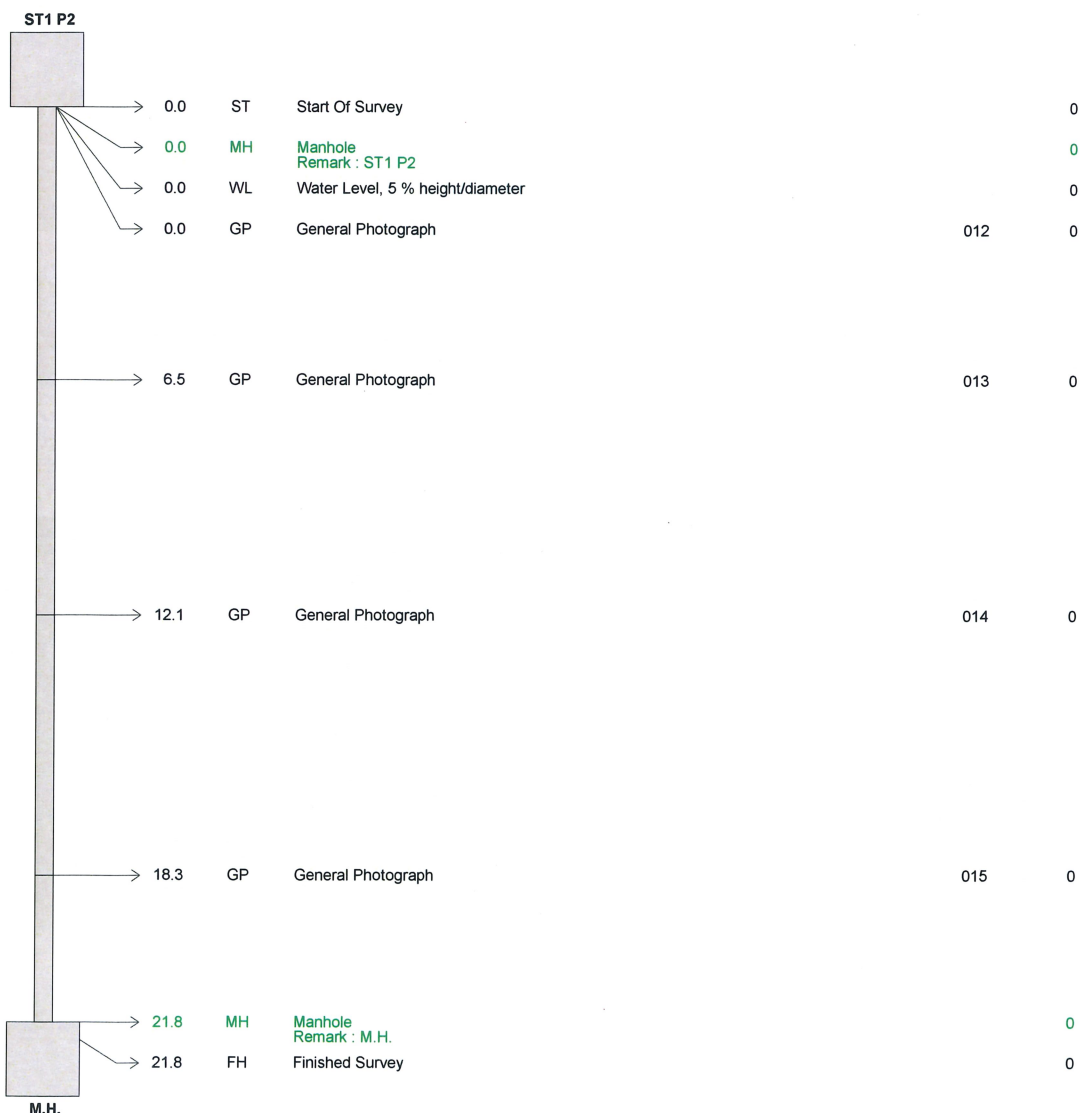
CCTV Survey Report

Heading

Contract No. Purpose	Structural defects	Operator Job No.		Date Time	08.05.26	ID PLR	004 ST1 P2X
Start MH Depth Cover Level Invert Level	ST1 P2	Finish MH Depth Cover Level Invert Level	M.H.	Weather Cleaned Score Grade	Dry Yes 0 1	Use Direction Pipe Length Total Length	Surface water Downstream 21.8
Road Location Loc. Code Area Code District Division Category	Hung Tin Road LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan Main road - urban			Size Shape Material Lining Comment Loc. Details Tape	100 mm Circular Concrete Nil		

Coding

Video No.	1:175	Chainage	Code	Observation	Photo	Grade
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• Structural Defects
• Service Defects

• Structural Defects with Grade 4 or 5
• Service Defects with Grade 4 or 5

• Constructional Features
• Miscellaneous Features

CCTV Photographs

Road	Hung Tin Road	Start MH	ST1 P2	Size	100 mm	ID	004
Location	LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan	Finish Pt.	M.H.	Shape	Circular	PLR	ST1 P2X
				Material	Concrete		

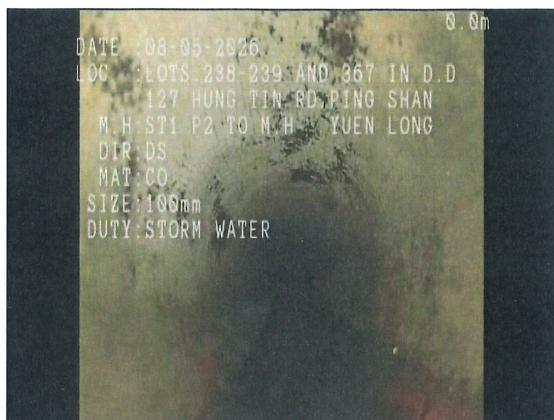


Photo Ref. : 012
Video Tape :
Observation : General Photograph

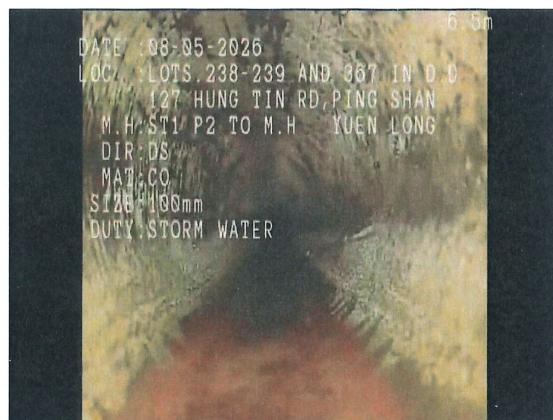


Photo Ref. : 013
Video Tape :
Observation : General Photograph

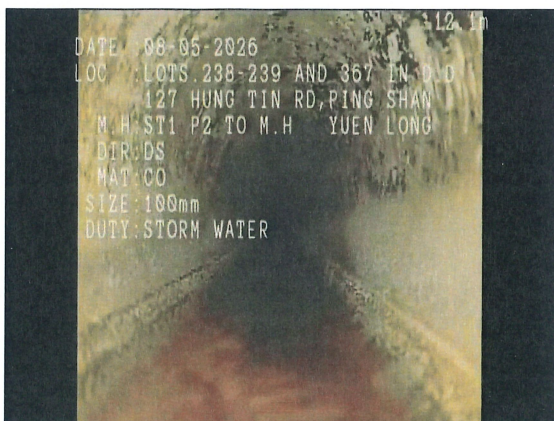


Photo Ref. : 014
Video Tape :
Observation : General Photograph

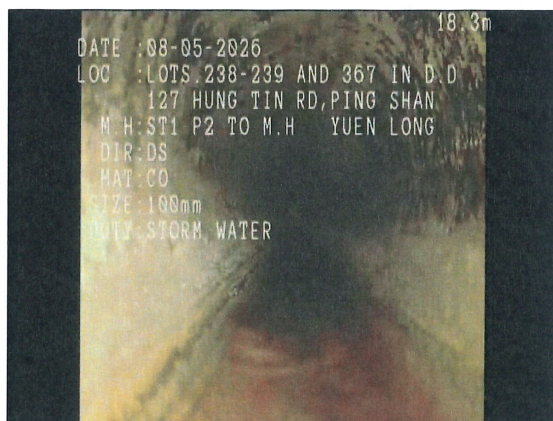


Photo Ref. : 015
Video Tape :
Observation : General Photograph

- Structural Defects
- Service Defects

- Structural Defects with Grade 4 or 5
- Service Defects with Grade 4 or 5

- Constructional Features
- Miscellaneous Features

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

4.0 Sewer Condition Codes and Defect Grade Description

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

Sewer Condition Codes

Code	Definition	Grade
B(J)	Broken pipe at ... (OR from ... to ...) o'clock (at joint)	4
BR	Branch major	0
CC(J)	Crack circumferential from ... to ... o'clock (at joint)	2
CL(J)	Crack longitudinal at ... o'clock (at joint)	2
CM(J)	Cracks multiple from ... to ... o'clock (at joint)	3
CN	Connection at ... o'clock, diameter ... mm	0
CNI	Connection at ... o'clock, diameter ... mm, intrusion ... mm	4
CU	Camera under water	0
CX	Connection defective at o'clock, diameter ... mm	4
CXI	Connection defective at o'clock, diameter ... mm, intrusion ... mm	4
D	Deformed sewer ... %	5
DB	Displaced bricks at ... (OR from ... to ...) o'clock	2
DC	Dimension of sewer changes, new dimension ... mm	0
DE(J)	Debris ... % cross-sectional area loss (at joint)	1
DEG(J)	Debris grease ... % cross-sectional area loss from ... to ... o'clock (at joint)	1
DES(J)	Debris silt ... % cross-sectional area loss (at joint)	1
DH	Deformed horizontal ... % decrease in horizontal dimension	5
DI	Dropped invert, gap ... mm	
DV	Deformed vertical ... % decrease in vertical dimension	5
EL(J)	Encrustation light from ... to ... o'clock (at joint)	2
EM(J)	Encrustation medium from ... to ... o'clock ... % cross-sectional area loss (at joint)	4
EH(J)	Encrustation heavy from ... to ... o'clock ... % cross-sectional area loss (at joint)	5
ESL	Scale light ... % cross-sectional area loss from ... to ... o'clock	1
ESM	Scale medium ... % cross-sectional area loss from ... to ... o'clock	4
ESH	Scale heavy from ... to ... o'clock ... %	5
FC(J)	Fracture circumferential from ... to ... o'clock (at joint)	3
FL(J)	Fracture longitudinal at ... o'clock (at joint)	3
FM(J)	Fracture multiple from ... to ... o'clock (at joint)	3
FH	Finish of survey length	0

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

Sewer Condition Codes

Code	Definition	Grade
GO	General observation at this point	0
GP	General photograph number ... taken at this point	0
H	Hole in sewer at ... (OR from ... to ...) o'clock	4
IS(J)	Infiltration seep at ... (OR from ... to ...) o'clock (at joint)	2
ID(J)	Infiltration dripper at ... (OR from ... to ...) o'clock (at joint)	3
IR(J)	Infiltration runner at ... (OR from ... to ...) o'clock (at joint)	4
IG(J)	Infiltration gusher at ... (OR from ... to ...) o'clock (at joint)	5
JDL	Joint displaced large	2
JDM	Joint displaced medium	1
JN	Junction at ... o'clock, diameter ... mm	0
JX	Junction defective at ... o'clock, diameter ... mm	4
LC	Lining of sewer changes/starts/finishes at this point	0
LD	Line of sewer deviates down	0
LL	Line of sewer deviates left	0
LN	Lining defect at ... (OR from ... to ...) o'clock	
LR	Line of sewer deviates right	0
LU	Line of sewer deviates up	0
MB	Missing Bricks at ... (OR from ... to ...) o'clock	4
MC	Material of sewer changes at this point	0
MH	Manhole / node	0
MS	Mortar missing surface at ... (OR from ... to ...) o'clock	1
MM	Mortar missing medium at ... (OR from ... to ...) o'clock	2
MT	Mortar missing total at ... (OR from ... to ...) o'clock	3
OB(J)	Obstruction ... % height/diameter loss (at joint)	2
OJM	Open joint medium	1
OJL	Open joint large	2
PC	Length of pipe forming sewer changes at this point, new length ... mm	0

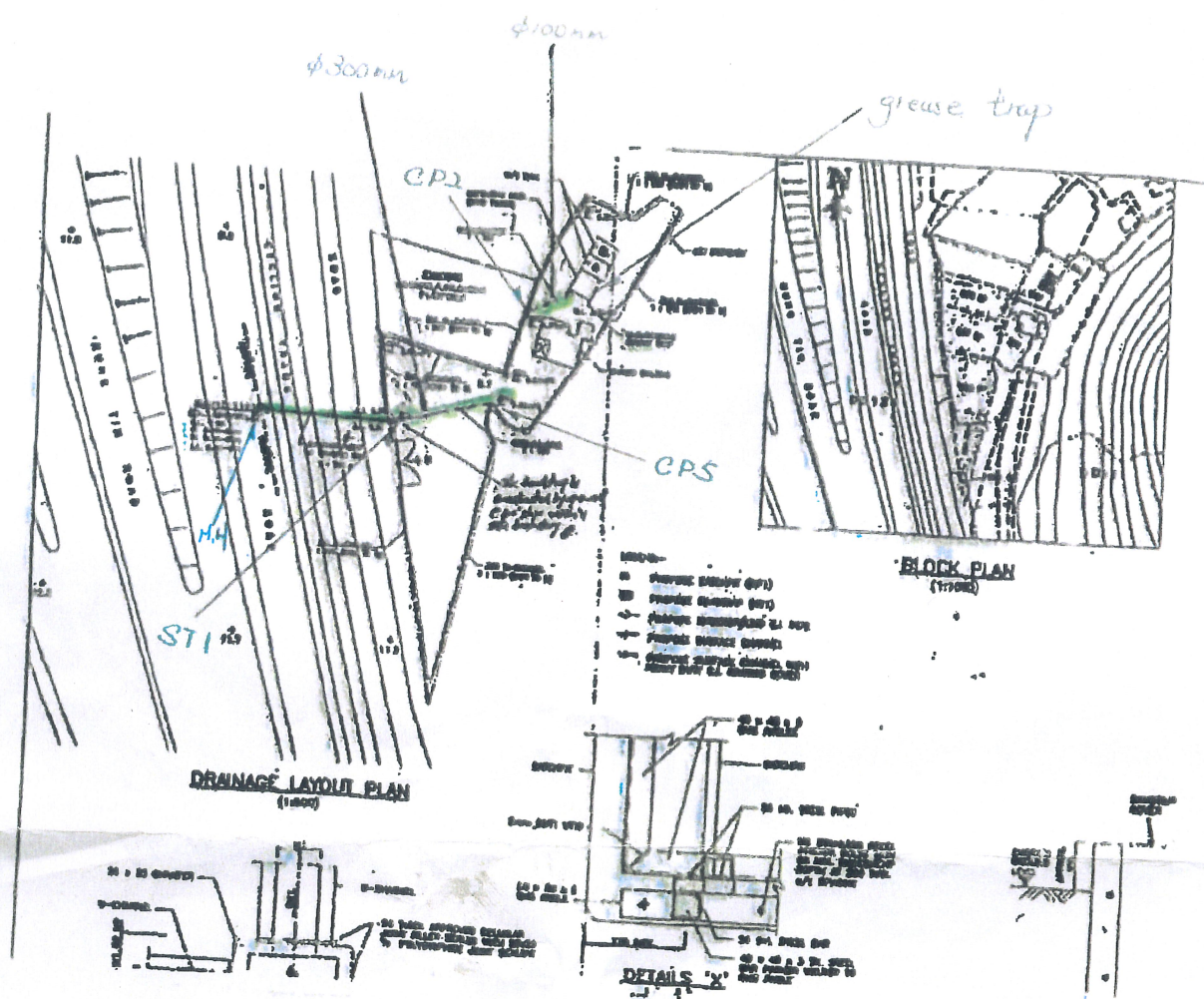
Project: CCTV Inspection for Underground Pipeline
 Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
 Survey Date: 08 May 2026

Sewer Condition Codes

Code	Definition	Grade
RF(J)	Roots fine (at joint)	1
RT(J)	Roots tap (at joint)	3
RM(J)	Roots mass ... % cross-sectional area loss (at joint)	5
SA	Survey abandoned	0
SC	Shape of sewer changes at this point	0
SSS	Surface damage, spalling slight at ... (OR from ... to ...) o'clock	2
SSM	Surface damage, spalling medium at ... (OR from ... to ...) o'clock	3
SSL	Surface damage, spalling large at ... (OR from ... to ...) o'clock	4
SWS	Surface damage, wear slight at ... (OR from ... to ...) o'clock	2
SWM	Surface damage, wear medium at ... (OR from ... to ...) o'clock	3
SWL	Surface damage, wear large at ... (OR from ... to ...) o'clock	4
ST	Start of survey length	0
V	Vermin (rats and mice)	3
WL	Water level ... % height / diameter	0
X	Sewer collapsed ... % cross-sectional area loss	5

Project: CCTV Inspection for Underground Pipeline
Location: LOST.238-239 and 367 IN D.D.127 Hung Tin Road, Ping Shan
Survey Date: 08 May 2026

5.0 Site Plan



LOC: Lots. 238, 239 and 367 in D.D 127.

HUNG TIN RD, PING SHAN, YUEN LONG