

(B)

(A)

REV.	DESCRIPTION	DATE	BY
A	FSD COMMENT	10-10-2023	YU

CONTRACTOR:

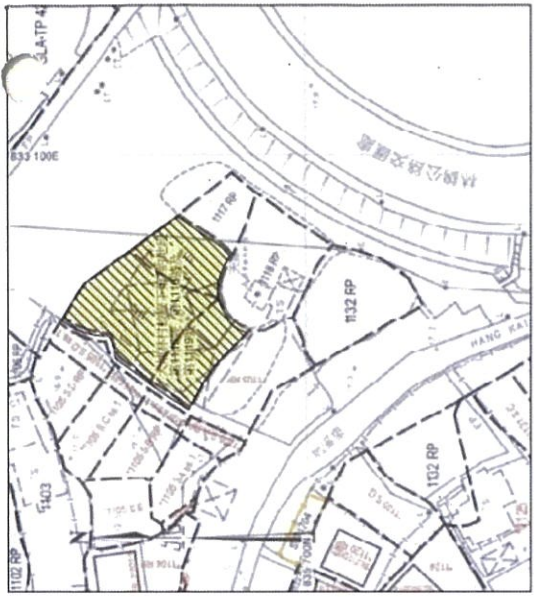
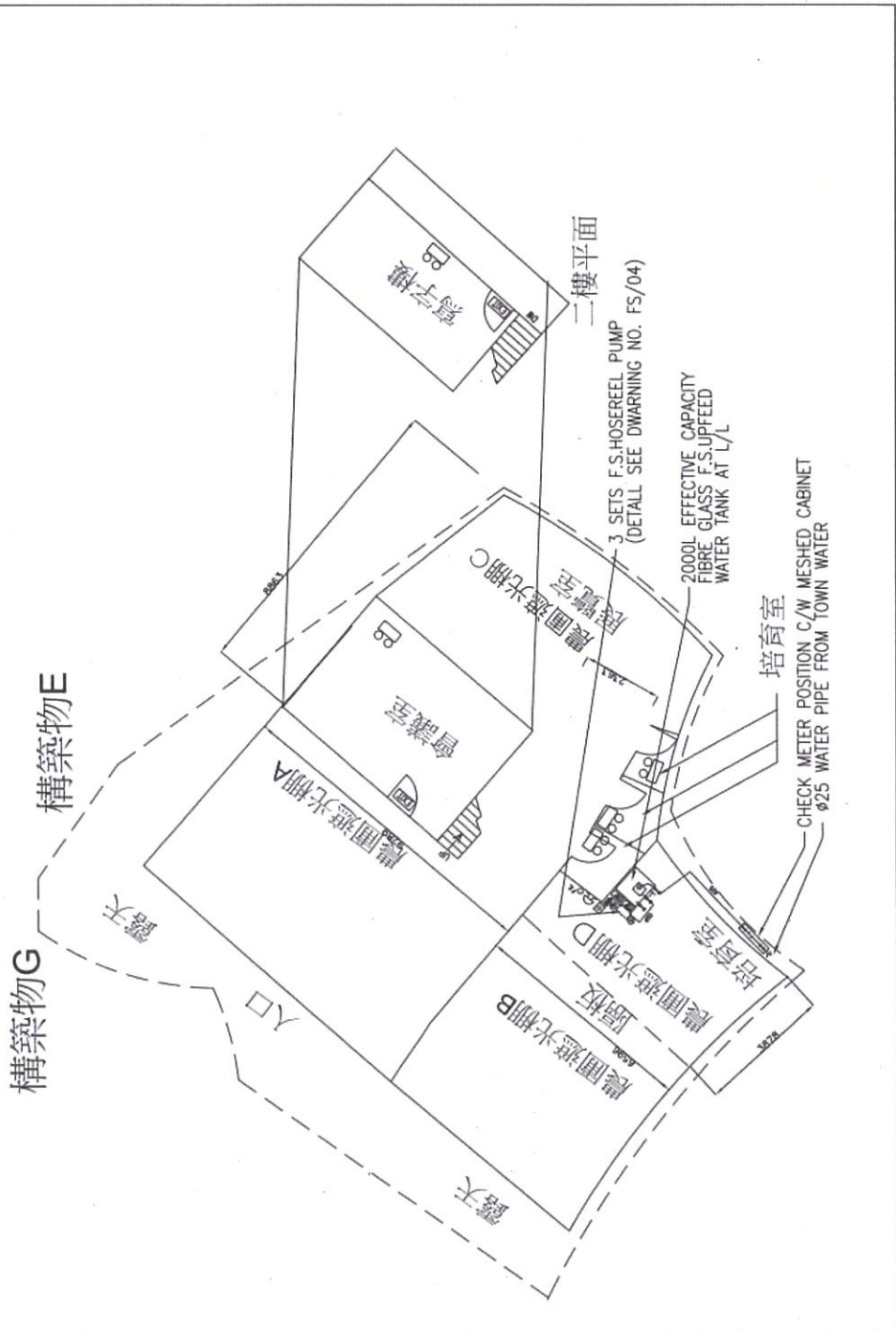
Foster Fire Engineering Limited
 (REGISTER FSL NO. FC 1/318, RC 2/472)
 Room 302 Cheong Tai Comm Bldg,
 207-208 Reclamation St., Mongkok KLN
 TEL : 26380761 FAX: 26380265

PROJECT:
 大埔林村較寮下第7約地段
 第1115號、第1116號及
 第1119號

TITLE:
 PUMP LAYOUT PLAN

SCALE: NIL	DRAWN BY: CO.YU
DATE: 1-8-2024	DESIGNED BY: CO.YU
DWG. NO.: FS/04	CHECKED BY:
CONTRACT NO.:	SHEET: A3

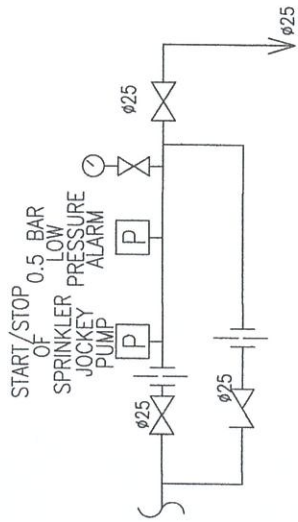
構築物編號	用途	面積	高度	層數	備注
苗圃遮光棚A	育苗/養植	193 平方米	約6米	1 層	鐵結構沒圍封
苗圃遮光棚B	育苗/養植	165 平方米	約6米	1 層	鐵結構沒圍封
苗圃遮光棚C	育苗/養植	60 平方米	約6米	1 層	鐵結構
苗圃遮光棚D	展覽室	30 平方米	約6米	1 層	鐵結構
寫字樓	辦公	21 平方米	3米	1層(二樓)	鐵結構
會議室	開會議	30 平方米	3米	1層(地下)	鐵結構
培育室	育苗	5 平方米	3米	1 層	鐵結構



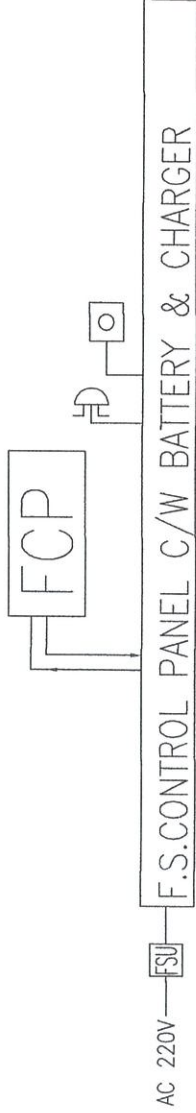
LOCATION PLAN

Not To Scale

A	FSD COMMENT	10-10-2023	NO	BY
REV.	DESCRIPTION	DATE		
CONTRACTOR:				
Foster Fire Engineering Limited (REGISTER FSI NO. 1/319, DC 2/172) Room 902 Cheong Yai Coonm Bldg, 287-289 Beckhamien St, Hongkong, H.K. TEL: 26289751 FAX: 26286665				
PROJECT:				
大埔林村較寮下第7約地段 第1115號、第1116號及 第1119號				
TITLE:				
F.S. INSTALLATION LAYOUT PLAN LOCATION PLAN & LEGEND				
SCALE:	1:150(A3)	DRAWN BY:	CO.YU	
DATE:	1-8-2024	DESIGNED BY:	CO.YU	
DWG. NO.:	FS/02	CHECKED BY:		
CONTRACT NO.:		SHEET:	A3	
REVISION:				



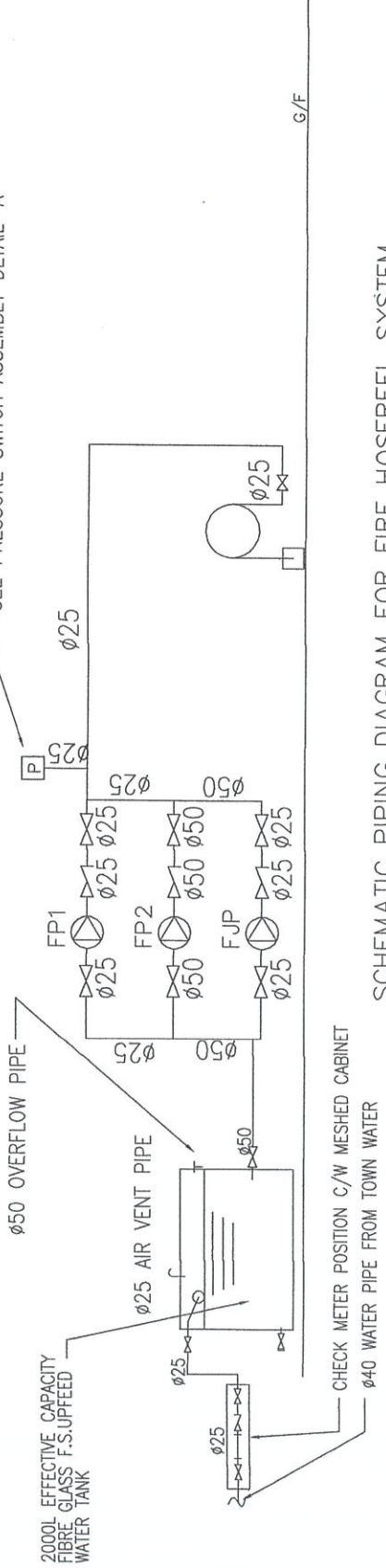
PRESSURE SWITCH ASSEMBLY DETAIL 'A'



G/F

FIRE ALARM SYSTEM SCHEMATIC DIAGRAM

SEE PRESSURE SWITCH ASSEMBLY DETAIL 'A'



SCHEMATIC PIPING DIAGRAM FOR FIRE HOSEREEL SYSTEM

G/F

A	FSD COMMENT	10-10-2023 YU	BY
	REV. DESCRIPTION	DATE	BY
CONTRACTOR:			
Foster Fire Engineering Limited (REGISTER F.S.I. NO. RC 1/018, RC 2/472) Room 802 Cheong Tai Comm Bldg, 287-289 Reclamation St., Hongkok KLN TEL : 28289751 FAX: 28282855			
PROJECT:			
大埔林村較寮下第7約地段 第1115號、第1116號及 第1119號			
TITLE:			
SCHEMATIC CONTROL WIRING DIAGRAM FOR FIRE HOSEREEL SYSTEM & F.S. CONTROL SYSTEM			
SCALE:	NIL	DRAWN BY:	CO. YU
DATE:	1-8-2024	DESIGNED BY:	CO. YU
DWG. NO.:	FS/03	CHECKED BY:	
CONTRACT NO.:			
			SHEET: A3

F.S. NOTES:

GENERAL NOTES

1. THE POWER SUPPLY CABLES FOR THE NEW FIRE ALARM BELLS, SPRINKLER PUMPS, FIXED FIRE PUMP AND THE F.S. CONTROL PANEL SHALL BE FIRE RESISTING TYPE TO BS 6387 CAT. AWX/SWX/CWZ
2. ALL PIPEWORK FOR FIRE SERVICES INSTALLATION SHALL BE GALVANIZED STEEL PIPE TO B.S. 1387 MEDIUM GRADE, CLASS B.
3. ALL FIRE INSTALL WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 1994 VERSION.
4. ALL NEWLY INSTALLED ELECTRICAL INSTALLATIONS OF THE FS IMPROVEMENT AND INSTALLATION WORKS SHALL COMPLY WITH THE COP FOR THE ELECTRICITY (WIRING) REGULATIONS, SUPPLY RULES OF RELEVANT SUPPLY COMPANY AND ALLIED WITH THE EXISTING INSTALLATIONS. THE TOTAL CIRCUIT DEMAND FOR THE INSTALLATION AFTER THE ALTERNATION OR ADDITION SHOULD NOT EXCEED THE EXISTING CAPACITY OF THE POWER SUPPLY CIRCUIT.
5. ELECTRICAL AND MECHANICAL CHANGEOVER FACILITIES FOR THE FIXED FIRE PUMP AND SHALL BE PROVIDED
7. THE FS WATER SUPPLY SYSTEM IS SUBJECT TO THE REQUIREMENT AND APPROVAL OF THE WSD. THE SIZE AND LOCATION OF WATER CHECK METER SHALL BE WITHIN THE BUILDING BOUNDARY. OTHERWISE, PERMISSION FROM THE LANDS DEPARTMENT SHALL BE SOUGHT.









NOTES FOR FH/HR SYSTEM













1. A STANDBY FIXED FIRE HOSEREEL PUMP IN ACCORDANCE WITH PARAGRAPH 5.14 OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 1994 VERSION SHALL BE PROVIDED FOR THIS BUILDING.
2. A MANUAL FIRE ALARM SYSTEM IN ACCORDANCE WITH PARAGRAPHS 5.11 AND 5.14(i)(b) OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT 1994 VERSION SHALL BE PROVIDED FOR THIS BUILDING. ACTUATION OF ANY MANUAL FIRE ALARM CALL POINTS SHALL ACTIVATE THE FIRE ALARM BELLS AND OPERATE THE FIXED FIRE PUMP.
3. A NEW MANUAL FIRE ALARM CALL POINT & F.S. CONTROL PANEL WOULD BE INSTALLED AT G/F OFFICE

ABBREVIATION:

F/A	FROM ABOVE	H/L	HIGH LEVEL	FP	FIRE HOSEREEL PUMP
F/B	FROM BELOW	L/L	LOW LEVEL	FJP	FIRE HOSEREEL JOCKEY PUMP
T/A	TO ABOVE	M/L	MIDDLE LEVEL	AAV	AUTOMATIC AIR VENT
T/B	TO BELOW	H.R.	HOSE REEL		
B.L.	BOUNDARY LINE				

LEGEND:

-  FIRE HOSEREEL PUMP SET
-  CHECK VALVE
-  GATE VALVE
-  F.S. CONTROL PANEL
-  FIRE HOSEREEL PUMP CONTROL PANEL
-  PRESSURE SWITCH
-  5kg CO2 POTABLE FIRE EXTINGUISHER
-  HOSE REEL SET WITH 30m LONG RUBBER HOSE 4.5mm ORIFICE NOZZLE AND PAD LOCKED NOZZLE BOX

-  NEW INSTALLED PIPEWORK / EQUIPMENT / CABLE
-  FLUSH VALVE WITH BRASS CAP
-  WEATHERPROOF MASTER FIRE ALARM BELL
-  MANUAL FIRE ALARM CALL POINT (BREAK GLASS TYPE)
-  150 FIRE ALARM BELL
-  BALL FLOAT VALVE
-  PRESSURE GAUGE C/W STOP VALVE
-  UNION
-  Y-TYPE STRAINER
-  WATER LEVEL FLOAT SWITCH
-  EMERGENCY LIGHTING
-  EMERGENCY LIGHTING

A	FSD COMMENT	10-10-2023	YU
REV.	DESCRIPTION	DATE	BY
CONTRACTOR:			

Poster Fire Engineering Limited
 (REGISTER F.S.I. NO: RC 1/319, RC 2/472)
 Room 902 Cheong Tai Comm Bldg,
 287-289, Deedamation St., Mongkok, KLN
 TEL: 26289751 FAX: 26282956

PROJECT:

大埔林村較寮下第7約地段
 第1115號、第1116號及
 第1119號

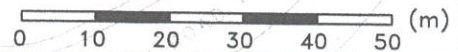
TITLE:

FS NOTES/END &
 ABBREVIATION

SCALE:	NIL	DRAWN BY:	CO.YU
DATE:	1-8-2024	DESIGNED BY:	CO.YU
DWG. NO.:		CHECKED BY:	
FS/01			
CONTRACT NO.:			SHEET: 17



REFERENCED LOT INDEX PLAN-NO. 7NW-2B & 3A (26/03/2024)



PROJECT:

TEMPORARY SHOP AND SERVICES WITH ANCILLARY OFFICE ON LOT NOS. 1115, 1116 AND 1119 IN D.D. 7 KAU LIU HA, TAI PO, N.T.

TITLE: STORMWATER DRAINAGE PLAN

DWG. NO.: 23/86/D02A

SCALE: 1 : 1000

DATE: 14/08/2024

**TEMPORARY SHOP AND OFFICE ON
LOT NOS. 1115, 1116 AND 1119 IN D.D. 7, KAU LIU HA, TAI PO**

RECORD PHOTOGRAPHS

Date Taken :

14 August 2024

Photo Ref. :

As-Shown



Photo No. B1

General view of the existing 300 mm rectangular channel along northwest boundary of the site (looking northeast)

Location of proposed catchpit CP2

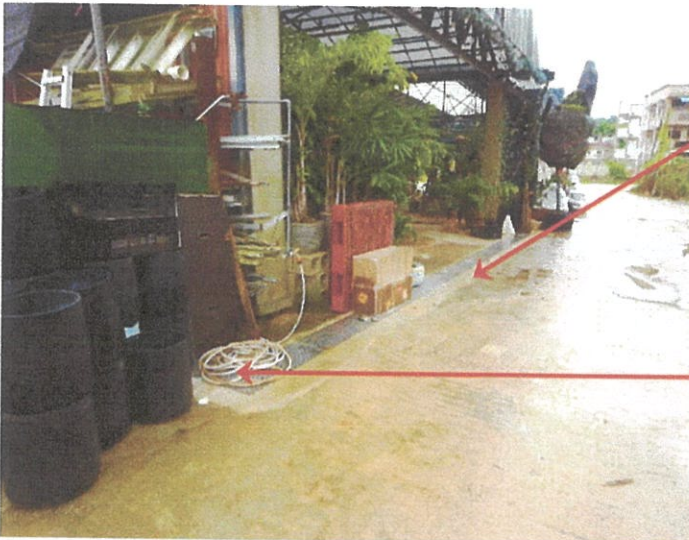


Photo No. B2

General view of the existing 300 mm rectangular channel along northwest boundary of the site (looking southwest)

Location of proposed catchpit CP1



Photo No. B3

Size indication of the existing 300 mm rectangular channel

TEMPORARY SHOP AND OFFICE ON LOT NOS. 1115, 1116 AND 1119 IN D.D. 7, KAU LIU HA, TAI PO

RECORD PHOTOGRAPHS

Date Taken :

14 August 2024

Photo Ref. :

As-Shown



Photo No. B4

General view of the existing 300 mm rectangular channel along southern boundary of the site (looking northwest)

Location of proposed catchpit CP3

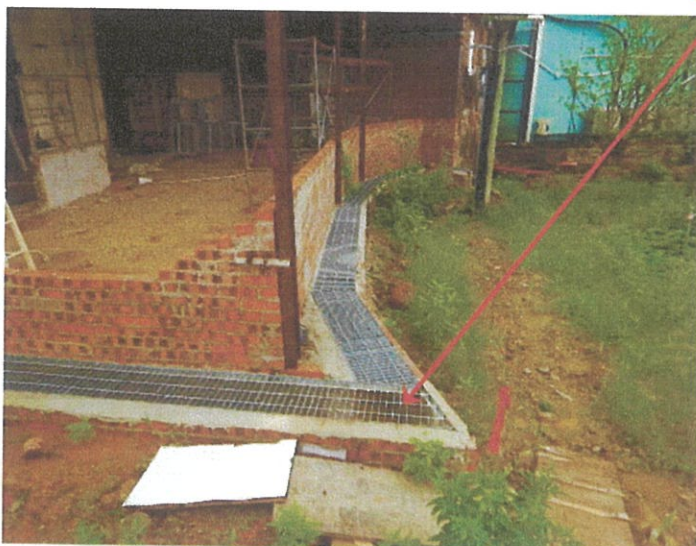


Photo No. B5

General view of the existing 300 mm rectangular channel along southern boundary of the site (looking northwest)

Existing ditch



Photo No. A6

General view of discharging point to existing ditch of the existing 300 mm rectangular channel (looking northeast)

Location of proposed catchpit CP4 and outfall

**TEMPORARY SHOP AND OFFICE ON
LOT NOS. 1115, 1116 AND 1119 IN D.D. 7, KAU LIU HA, TAI PO**

RECORD PHOTOGRAPHS

Date Taken :

25 April 2024

Photo Ref. :

As-Shown



Photo No. A4

General view of existing 100 mm diameter down pipe diverting surface runoff from rooftop to the existing ditch (looking northeast)



Photo No. A5

General view of existing 100 mm diameter down pipes diverting surface runoff from rooftop and internal floor to the existing ditch (looking northwest)



Photo No. A6

General view of the nullah at east of the site (looking northeast)

**TEMPORARY SHOP AND OFFICE ON
LOT NOS. 1115, 1116 AND 1119 IN D.D. 7, KAU LIU HA, TAI PO**

RECORD PHOTOGRAPHS

Date Taken :

25 April 2024

Photo Ref. :

As-Shown



Photo No. A9 & A10

General view of the existing catchpits and alignment of the existing 300 mm covered stormwater drain along northeast boundary of the site (looking southeast)

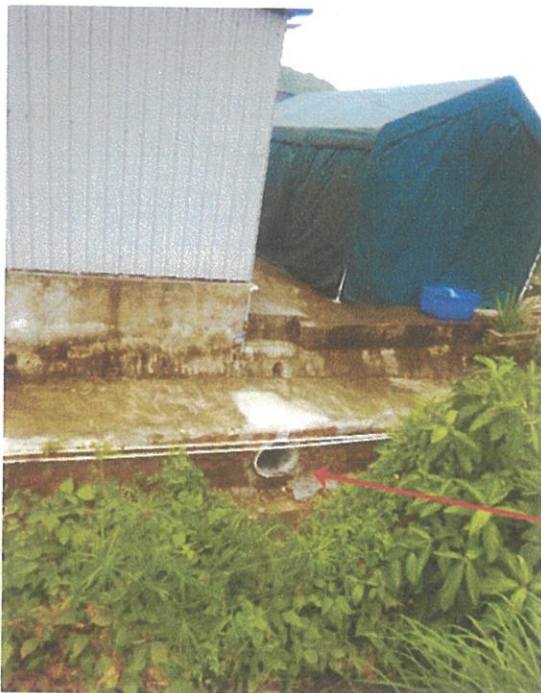
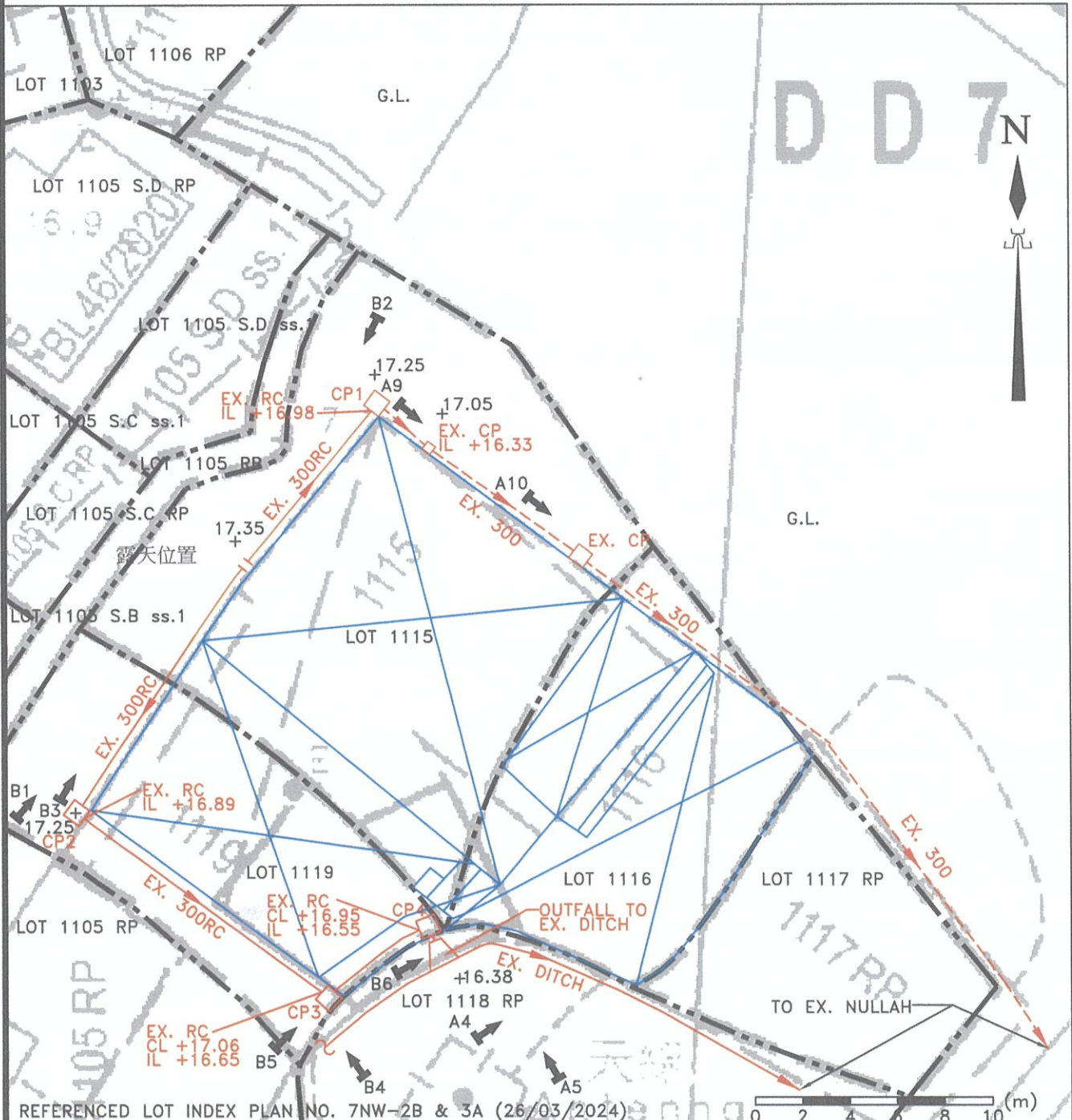


Photo No. A11

General view of discharging point to nullah of the existing 300 mm underground drain along northeast boundary of the site (looking northwest)

LEGEND:

- + 17.25 EX. GROUND LEVEL AT +17.25mPD
- EXTENT OF LOT BOUNDARY
- EXTENT OF THE SITE
- B1 → DIRECTION AND POSITION OF REFERENCE PHOTO NO. B1
- EX. 300 EX. 300mm COVERED STORMWATER DRAIN
- EX. 300RC EX. 300mm RECTANGULAR CHANNEL WITH COVER
- EX. CP □ EX. CATCHPIT
- CL COVER LEVEL
- IL INVERT LEVEL
- CP1 □ PROPOSED CATCHPIT NO. CP1



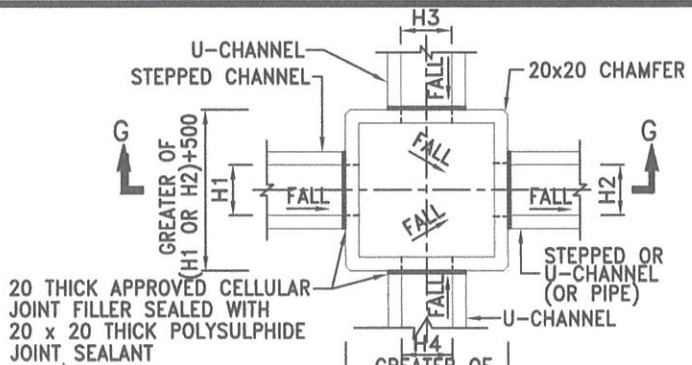
REFERENCED LOT INDEX PLAN NO. 7NW-2B & 3A (26/03/2024)

PROJECT: TEMPORARY SHOP AND SERVICES WITH ANCILLARY OFFICE ON LOT NOS. 1115, 1116 AND 1119 IN D.D. 7 KAU LIU HA, TAI PO, N.T.

TITLE: STORMWATER DRAINAGE PLAN	DWG. NO.: 23/86/D01A	SCALE: 1 : 250
		DATE: 14/08/2024

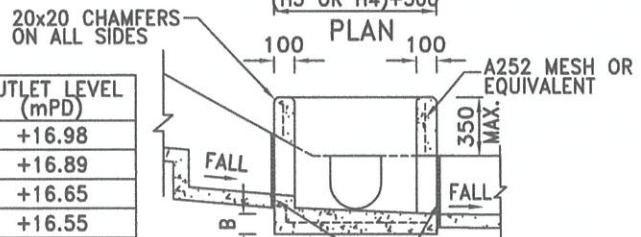
GENERAL NOTES:

- GRADE 25D CONCRETE SHALL BE USED UNLESS OTHERWISE STATED.
- THE PROPOSED DRAINAGE WORKS, WHETHER WITHIN OR OUTSIDE THE LOT BOUNDARY, SHALL BE CONSTRUCTED AND MAINTAINED BY THE OWNER AT HIS OWN EXPENSE. FOR WORKS TO BE UNDERTAKEN OUTSIDE THE LOT BOUNDARY, PRIOR CONSENT FROM DLO AND/OR RELEVANT PRIVATE LOT OWNERS SHALL BE SOUGHT.



SCHEDULE OF CATCHPIT

CATCHPIT NO.	TYPE	COVER LEVEL (mPD)	INVERT LEVEL (mPD)	INLET LEVEL (mPD)	OUTLET LEVEL (mPD)
CP1	1	+17.25	+16.98	+16.98	+16.98
CP2	1	+17.25	+16.89	+16.89	+16.89
CP3	1	+17.06	+16.65	+16.65	+16.65
CP4	1	+16.95	+16.55	+16.55	+16.55



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

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

DETAILS OF CATCHPIT (TYPE 1)
(REFERENCE : CEDD DRG. NO. C2405/1)
(N.T.S.)

