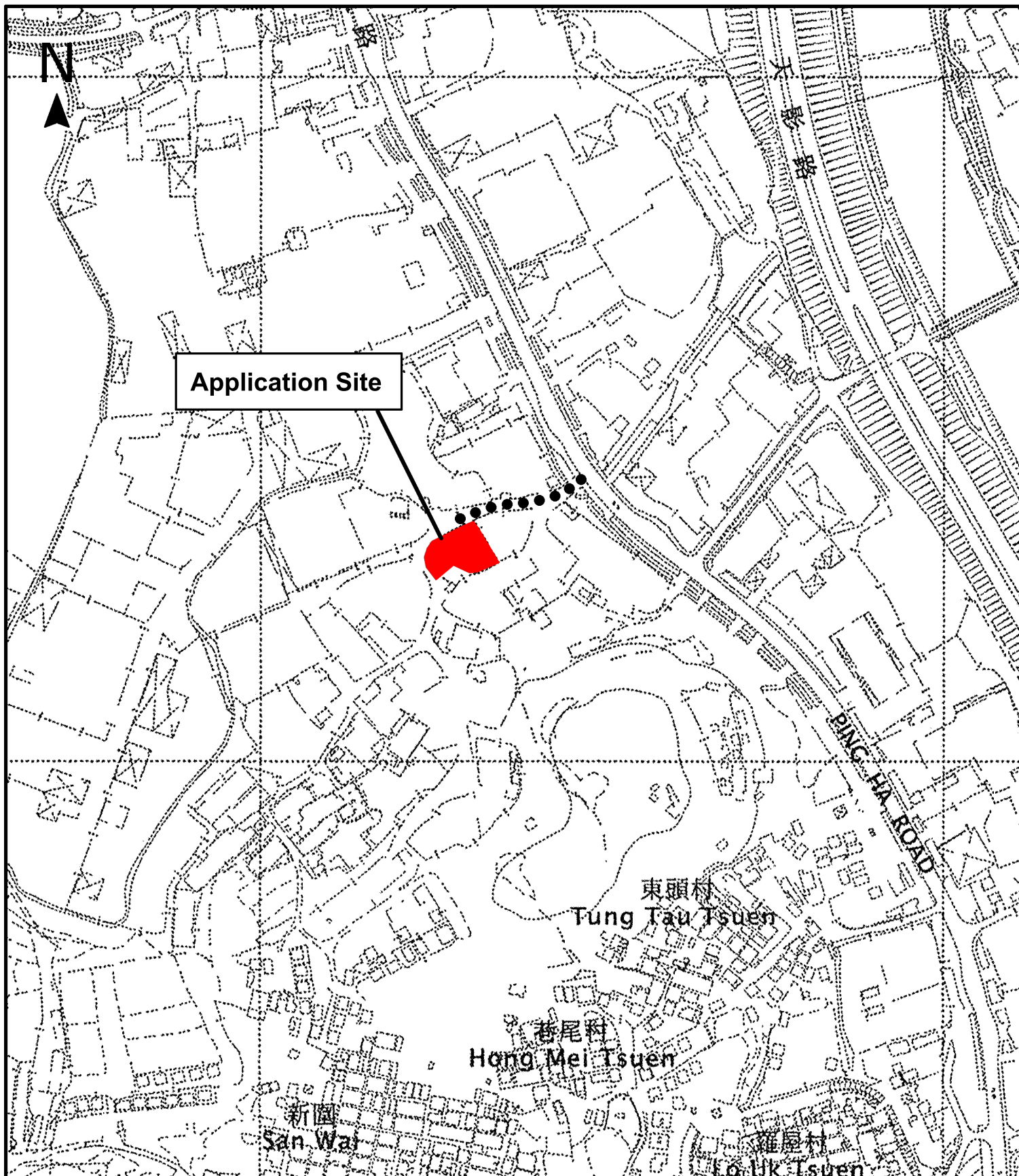




Project 項目名稱:

Renewal of Planning Approval for Temporary Logistics Centre Period of 3 Years at Lots 95 S.A(Part), 95 R.P(Part), 97(Part) in D.D. 125, Ha Tsuen, Yuen Long

Drawing Title 圖紙標題:

Location Plan

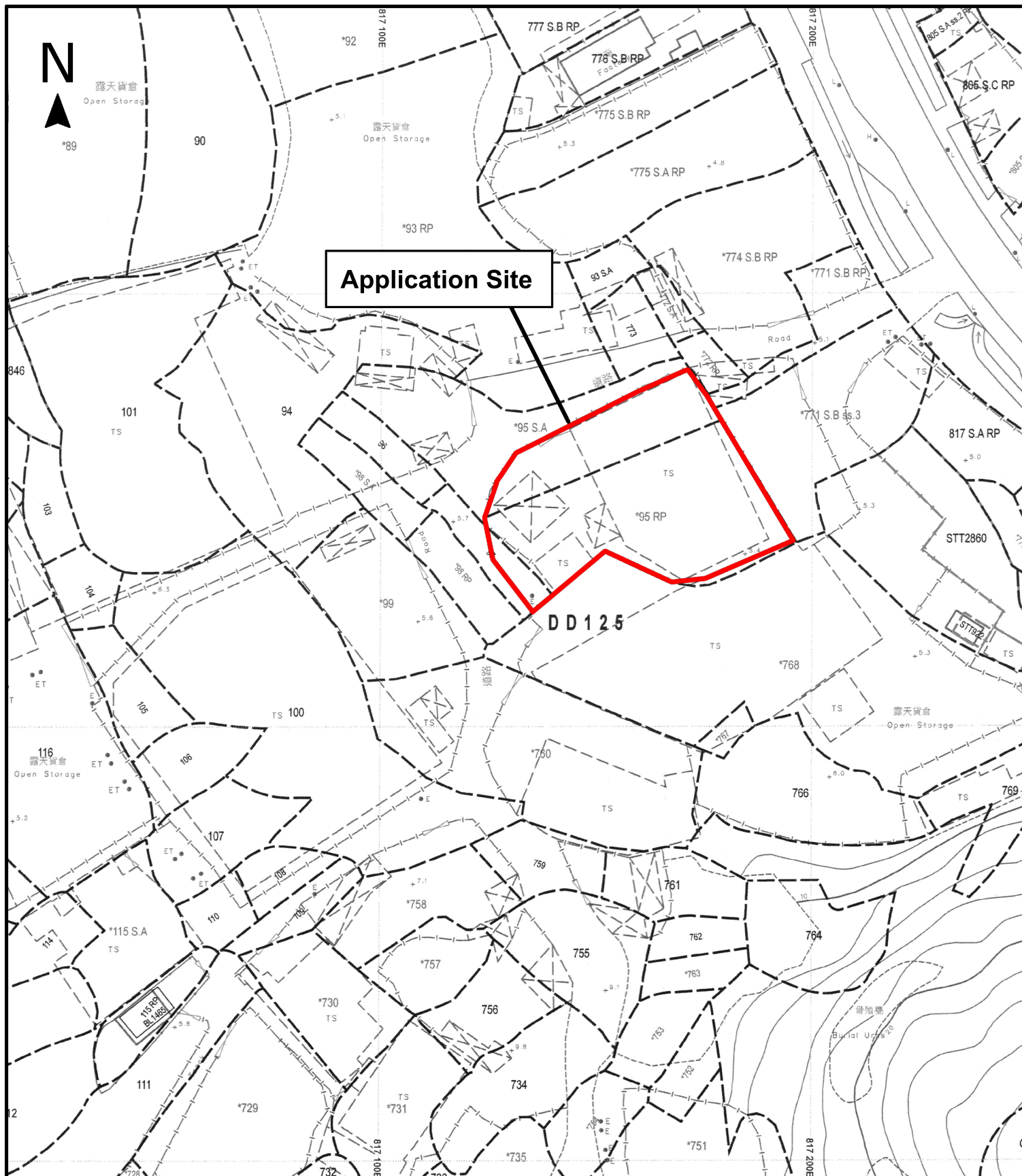


Remarks 備註:

●●●Vehicular access leading from Ping Ha Road

Drawing No. 圖號:

Scale 比例:



Project 項目名稱:

Renewal of Planning Approval for Temporary Logistics Centre Period of 3 Years at Lots 95 S.A(Part), 95 R.P(Part), 97(Part) in D.D. 125, Ha Tsuen, Yuen Long

Drawing Title 圖紙標題:

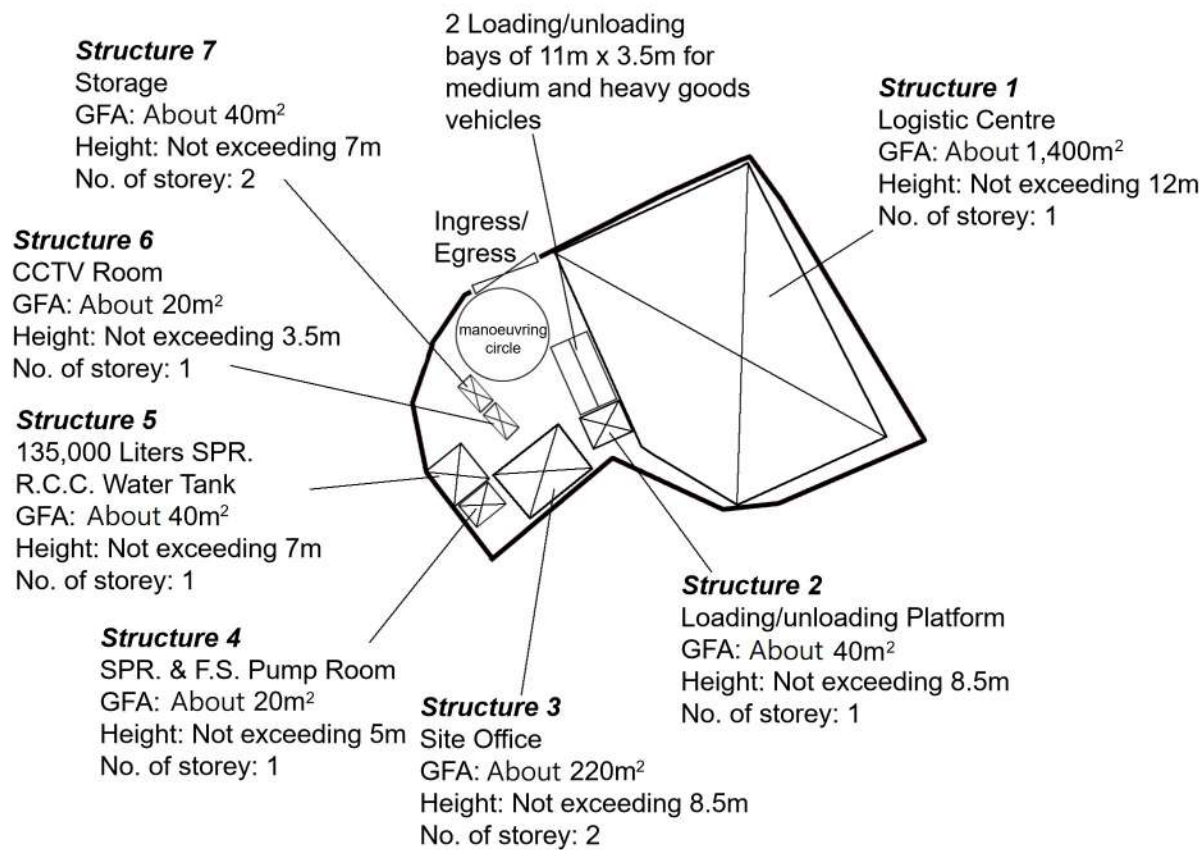
Site Plan



Drawing No. 圖號:

Remarks 備註:

Scale 比例:



Project 項目名稱:

Proposed Temporary Logistics Centre for a Period of 3 Years at Lots 95 S.A(Part), 95 R.P(Part), 97(Part) in D.D. 125, Ha Tsuen, Yuen Long

Drawing Title 圖紙標題:

Layout Plan



Drawing No. 圖號:

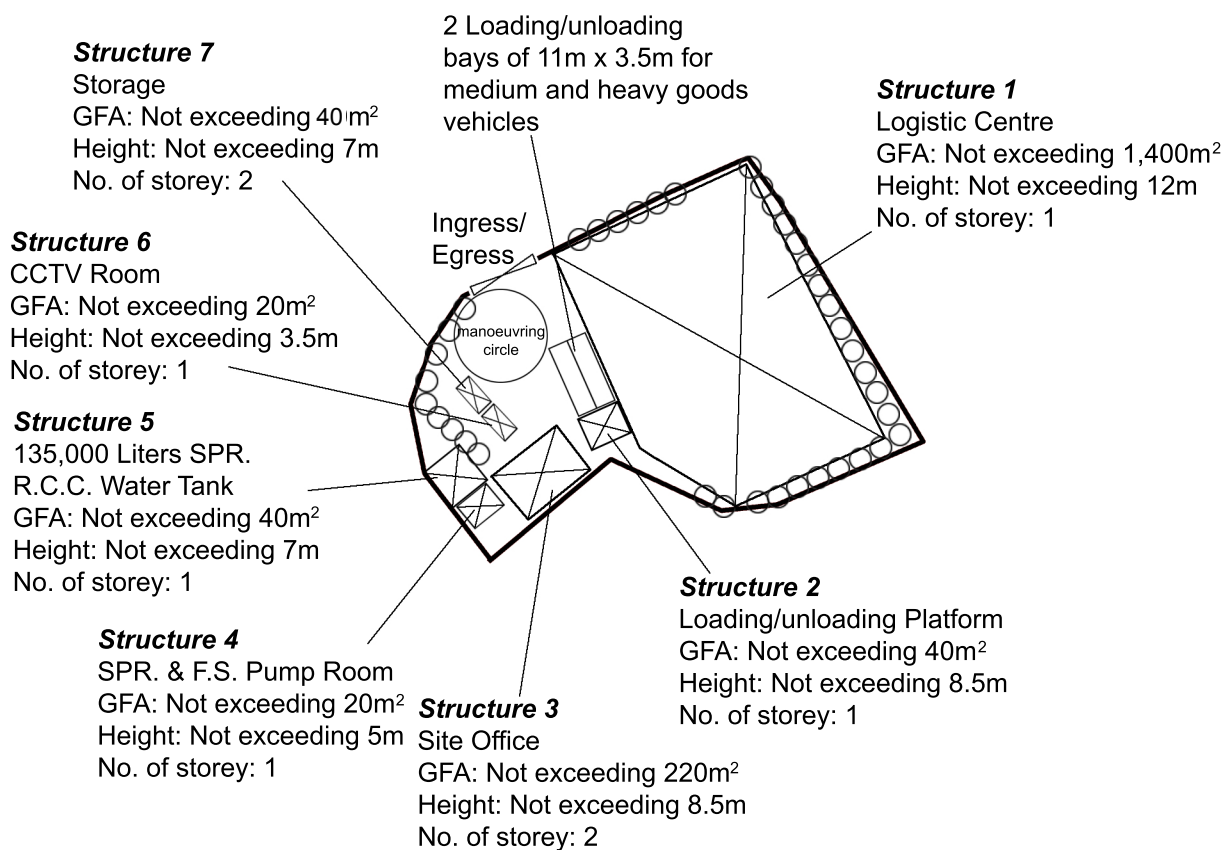
20230524

Remarks 備註:

Scale 比例:



Tree	Approximate Height	Spacing
Existing Ficus Microcarpa (Chinese Banyan) to be preserved	About 3m to 5m	About 3m to 4m



Project 項目名稱:

Proposed Temporary Logistics Centre for a Period of 3 Years at Lots 95 S.A(Part), 95 R.P(Part), 97(Part) in D.D. 125, Ha Tsuen, Yuen Long

Drawing Title 圖紙標題:

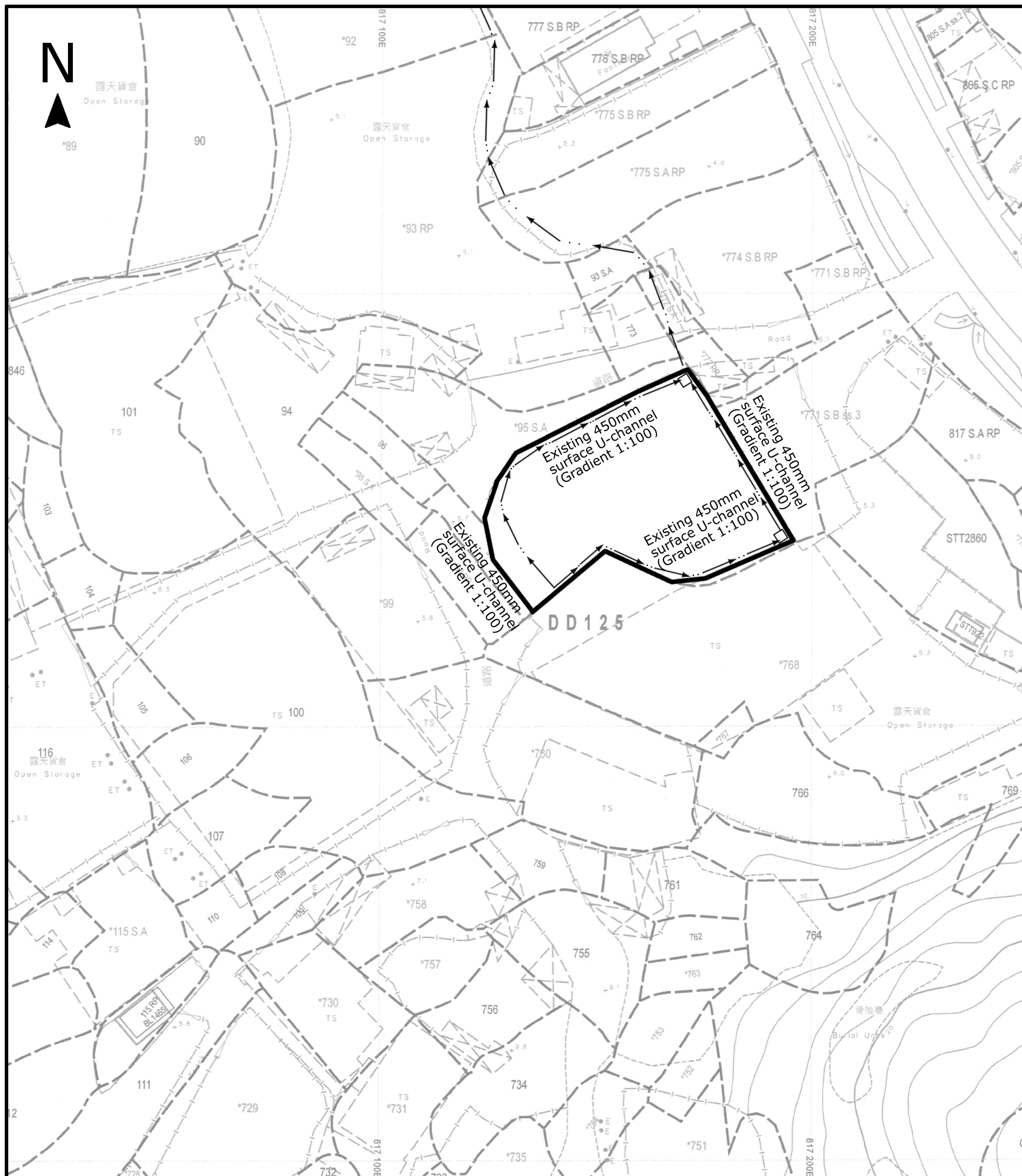
Existing Landscape and Tree Preservation Plan



Drawing No. 圖號:

Remarks 備註:

Scale 比例:



Project 項目名稱:

Renewal of Planning Approval for Temporary Logistics Centre Period of 3 Years at Lots 95 S.A(Part), 95 R.P(Part), 97(Part) in D.D. 125, Ha Tsuen, Yuen Long

Drawing Title 圖紙標題:

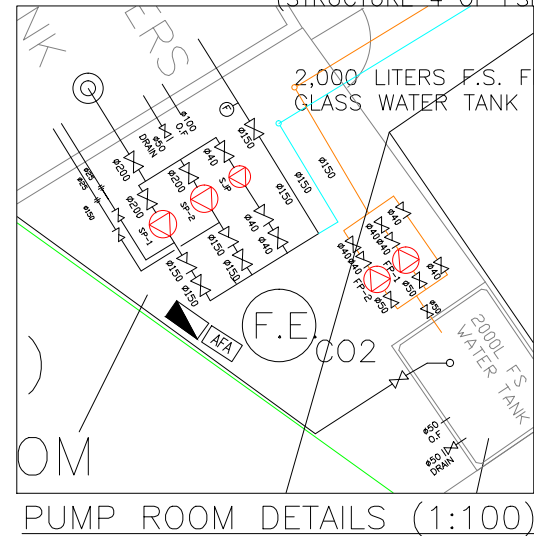
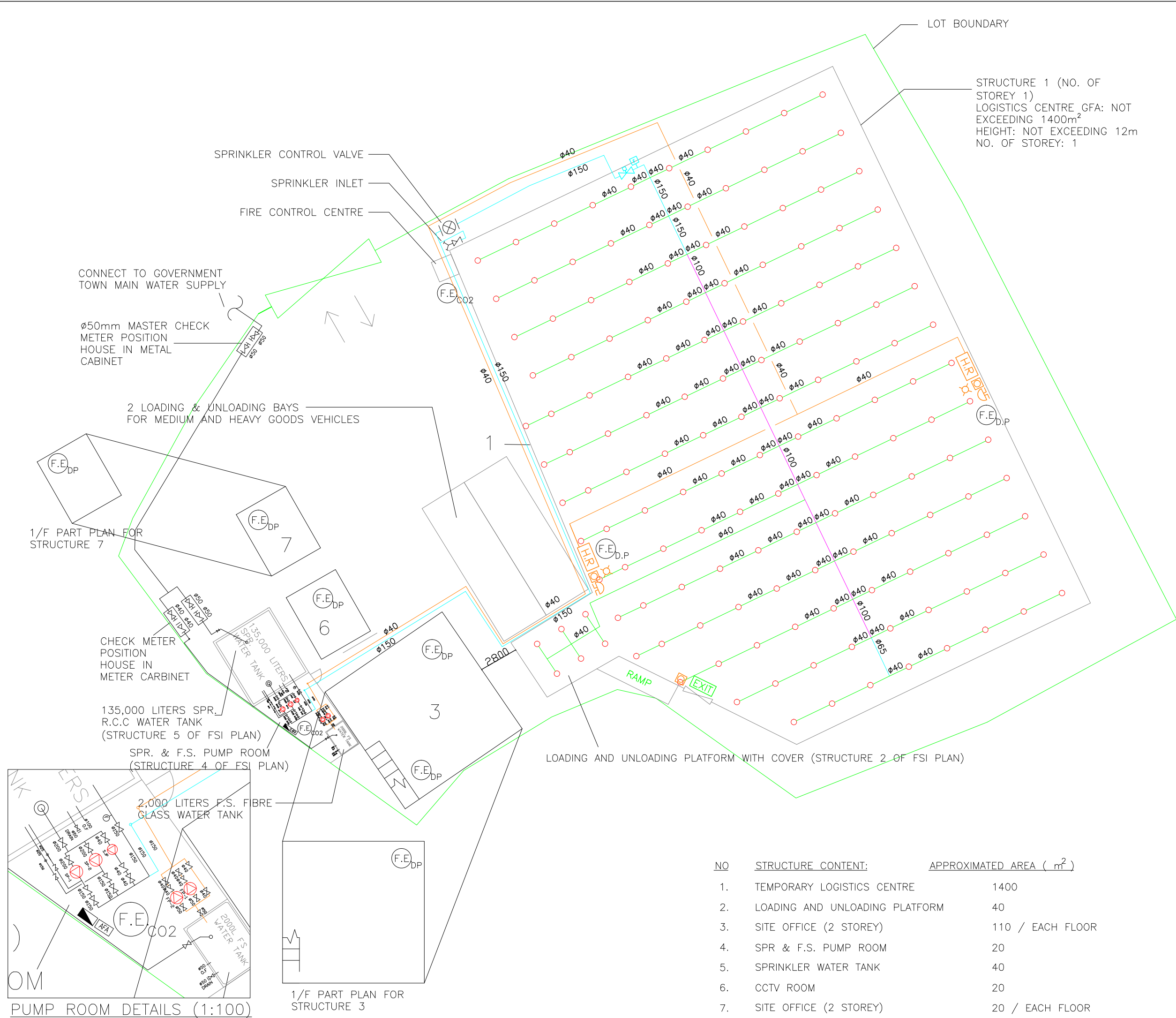
As-built Drainage Plan



Drawing No. 圖號:

Remarks 備註:

Scale 比例:



NO	STRUCTURE CONTENT:	APPROXIMATED AREA (m ²)
1.	TEMPORARY LOGISTICS CENTRE	1400
2.	LOADING AND UNLOADING PLATFORM	40
3.	SITE OFFICE (2 STOREY)	110 / EACH FLOOR
4.	SPR & F.S. PUMP ROOM	20
5.	SPRINKLER WATER TANK	40
6.	CCTV ROOM	20
7.	SITE OFFICE (2 STOREY)	20 / EACH FLOOR

STRUCTURE 1 (NO. OF
STOREY 1)
LOGISTICS CENTRE GFA: NOT
EXCEEDING 1400m²
HEIGHT: NOT EXCEEDING 12m
NO. OF STOREY: 1

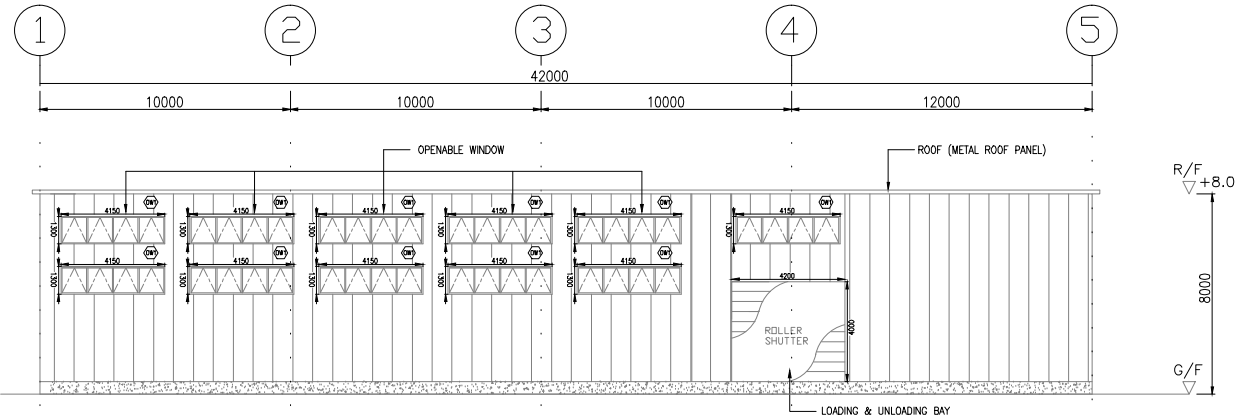
I	PLAND REVISION	22-08-2023	JN
H	PLAND REVISION	06-08-2023	JN
F	PLAND REVISION	27-06-2023	JN
E	WSD REVISION	15-01-2022	JN
D	REVISION	20-08-2020	CAD
C	REVISION	22-06-2020	CAD
B	REVISION	28-01-2019	KH
A	FSD SUBMISSION	29-05-2017	HY
REV	DESCRIPTION	DATE	BY

FSI CONTRACTOR
East Power Engineering Limited

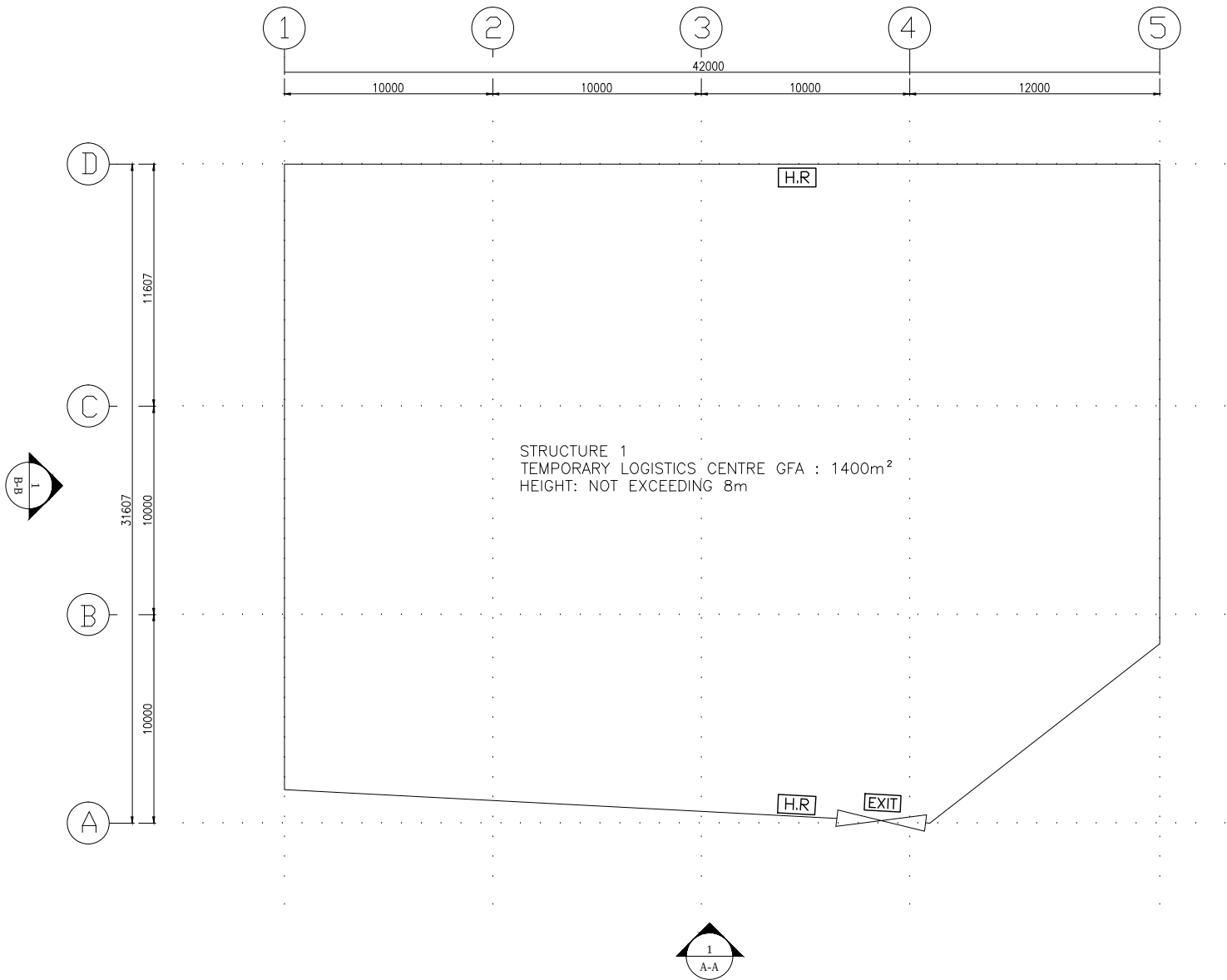
PROJECT
TEMPORARY LOGISTICS CENTRE FOR A PERIOD OF 3
YEARS AT LOTS 95 (PART), 97 (PART) AND 768
(PART) IN D.D. 125, HA TSUEN, YUEN LONG.

DRAWING TITLE
FIRE SERVICES INSTALLATION LAYOUT PLAN

	INITIAL	DESIGNATION	DATE
DRAWN BY	KH	Eng. T	28-01-2019
DESIGNED BY	KH	Eng. T	28-01-2019
CHECKED BY	CM	PM	28-01-2019
APPROVED BY	-	-	-
PROJECT NO.	10435		
PAPER SIZE	A3	PLOT SCALE	1 : 1
DRAWING NO.	EP-10435-FS02		
SCALE	1 : 250	REVISION	I

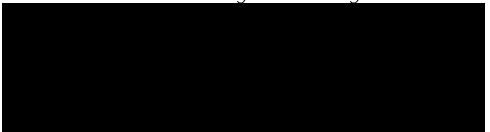


ELEVATION PLAN (ELV A-A)

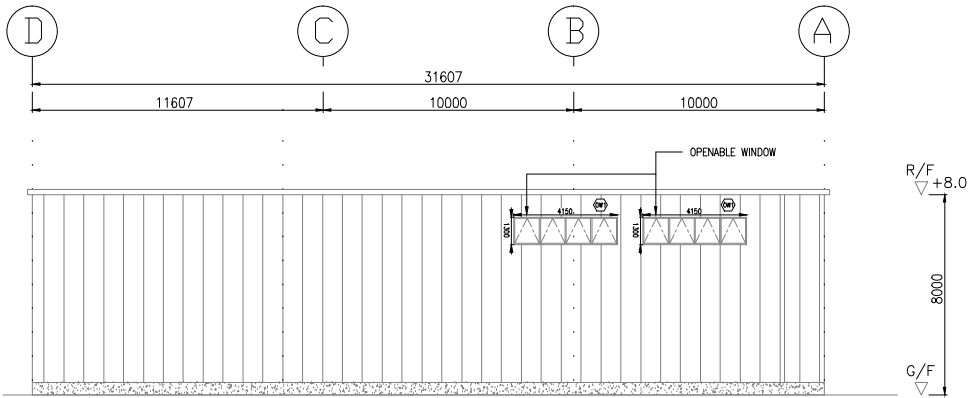


OPENABLE WINDOW AREA CALCULATION UNDER F.S.D. REQUIREMENT FOR COMPARTMENT EXCEEDING 7000m ³				
LOCATION	USABLE FL. AREA (m ²) PER FLOOR	OPENABLE WINDOW AREA REQUIRED	OPENABLE WINDOW AREA PROVIDED	
G/F	1400	1400 X 6.25% = 87.5	REFER TO ELEVATION-(A-A) = 76.1 REFER TO ELEVATION-(B-B) = 10.8	TOTAL = 86.9 > 87.5

J	PLAND REVISION	12-09-2023	JN
I	PLAND REVISION	22-08-2023	JN
H	PLAND REVISION	06-08-2023	JN
F	PLAND REVISION	27-06-2023	JN
E	WSD REVISION	15-01-2022	JN
D	REVISION	20-08-2020	CAD
C	REVISION	22-06-2020	CAD
B	REVISION	28-01-2019	KH
A	FSD SUBMISSION	29-05-2017	HY
REV	DESCRIPTION	DATE	BY

FSI CONTRACTOR
East Power Engineering Limited

PROJECT
TEMPORARY LOGISTICS CENTRE FOR A PERIOD OF 3 YEARS AT LOTS 95 (PART), 97 (PART) AND 768 (PART) IN D.D. 125, HA TSUEN, YUEN LONG.

DRAWING TITLE			
GROUND FLOOR PLAN, CALCULATION &ELEVATION PLAN (ELV A-A)			
	INITIAL	DESIGNATION	DATE
DRAWN BY	KH	Eng. T	28-01-2019
DESIGNED BY	KH	Eng. T	28-01-2019
CHECKED BY	CM	PM	28-01-2019
APPROVED BY	-	-	-
PROJECT NO.	10435		
PAPER SIZE	A3	PLOT SCALE	1 : 1
DRAWING NO. EP-10325-FS03			
SCALE	1 : 300	REVISION	J



ELEVATION PLAN (ELV B-B)

F	PLAND REVISION	27-06-2023	JN
E	WSD REVISION	15-01-2022	JN
D	REVISION	20-08-2020	CAD
C	REVISION	22-06-2020	CAD
B	REVISION	28-01-2019	KH
A	FSD SUBMISSION	29-05-2017	HY
REV	DESCRIPTION	DATE	BY

FSI CONTRACTOR
East Power Engineering Limited
[Redacted]

PROJECT
TEMPORARY LOGISTICS CENTRE FOR A PERIOD OF 3 YEARS AT LOTS 95 (PART), 97 (PART) AND 768 (PART) IN D.D. 125, HA TSUEN, YUEN LONG.

DRAWING TITLE
ELEVATION PLAN (ELV B-B)

	INITIAL	DESIGNATION	DATE
DRAWN BY	KH	Eng. T	28-01-2019
DESIGNED BY	KH	Eng. T	28-01-2019
CHECKED BY	CM	PM	28-01-2019
APPROVED BY	-	-	-
PROJECT NO.	10435		
PAPER SIZE	A3	PLOT SCALE	1 : 1
DRAWING NO.	EP-10325-FS04		
SCALE	1 : 300	REVISION	F

FIRE SERVICES NOTES:

1. HOSE REEL SYSTEM

- 1.1
- HOSE REEL SHALL BE PROVIDED AT POSITIONS AS INDICATED ON PLANS.
- 1.2
- THERE SHALL BE SUFFICIENT HOSE REELS TO ENSURE THAT EVERY PART OF THE BUILDING CAN BE REACHED BY A LENGTH OF NOT MORE THAN 30M OF HOSE REEL TUBING. ONE ACTUATING POINT AND ONE AUDIO WARNING DEVICE TO BE LOCATED AT EACH HR POINT. THE ACTUATING POINT SHOULD INCLUDE FACILITIES FOR THE FIRE PUMP START DEVICE INITIATION.
- 1.3
- A MODIFIED HOSE REEL SYSTEM OF 2000 LITRES WATER TANK TO BE PROVIDED FOR THE ENTIRE BUILDING AS INDICATED ON PLAN.
- 1.4
- NO FIRE SERVICES INLET TO BE PROVIDED FOR THE MODIFIED HOSE REEL SYSTEM.
- 1.5
- WATER SUPPLY FOR THE MODIFIED HOSE REEL SYSTEM TO BE SINGLE END FEED FROM THE GOVERNMENT TOWN MAIN.
- 1.6
- TWO FIXED FIRE PUMPS (DUTY/STANDBY) TO BE PROVIDED AT SPR. & FS. PUMP ROOM.
- 1.7
- THE HR SYSTEM INSTALLED SHOULD BE IN ACCORDANCE WITH PARA. 5.14 OF THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATION AND EQUIPMENT 2022.
- 1.8
- AN INSTRUCTION PLATE SHALL BE PROVIDED NEXT TO THE BREAK GLASS UNIT FOR OPERATION OF HOSE REEL.

2. AUTOMATIC SPRINKLER SYSTEM

- 2.1
- AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED TO THE ENTIRE STRUCTURE IN ACCORDANCE WITH LPC RULES INCORPORATING BS EN12845 : 2015 AND FSD CIRCULAR LETTER 5/2020. THE SPRINKLER TANK, SPRINKLER PUMP ROOM, SPRINKLER INLET AND SPRINKLER CONTROL VALVE GROUP SHALL BE CLEARLY MARKED ON PLANS.
- 2.2
- THE HAZARD GROUP OF THE SPRINKLER SYSTEM IS OH3. CATEGORY I MATERIAL ARE STORED IN THE TEMPORARY LOGISTIC CENTRE. THE MATERIAL ARE STORED IN FREE-STANDING STORAGE (ST1). THE MAXIMUM STORAGE HEIGHT IS 4m.
- 2.3
- STORAGE BLOCKS WITH MAX AREA OF 50m2 AND IT SHOULD BE SEPARATED BY AISLES NO LESS THAN 2.4m WIDE.
- 2.4
- ONE NUMBER 135,000 LITRES SPRINKLER WATER TANK TO BE PROVIDED AS INDICATED ON PLANS.
- 2.5
- ALL INSTALLED SPRINKLER SHOULD BE PENDENT TYPE AND THE TEMPERATURE RATING OF SPRINKLER HEAD SHALL BE 68 C UNLESS OTHERWISE SPECIFIED.
- 2.6
- SPRINKLER CONTROL VALVE SET AND SPRINKLER INLET TO BE PROVIDED AS INDICATED ON PLANS.
- 2.7
- TWO SPRINKLER PUMPS (DUTY/STANDBY) AND ONE JOCKEY PUMP WILL BE PROVIDED AT SPR. & FS. PUMP ROOM.
- 2.8
- ALL SPRINKLER PIPE SIZE SHOULD BE ø32mm UNLESS SPECIFY.

3. FIRE ALARM SYSTEM

- 3.1
- FIRE ALARM SYSTEM SHALL BE PROVIDED THROUGHOUT THE ENTIRE BUILDING IN ACCORDANCE WITH BS 5839-1 : 2017 AND FSD CIRCULAR LETTER 6/2021. ONE ACTUATING POINT AND ONE AUDIO WARNING DEVICE SHOULD BE LOCATED AT EACH HOSE REEL POINT. THE ACTUATION POINT SHOULD INCLUDE FACILITIES FOR HOSE REEL PUMP START AND AUDIO / VISUAL WARNING DEVICE INITIATION.
- 3.2
- AN ADDRESSABLE TYPE FIRE ALARM PANEL TO BE PROVIDED AND LOCATED INSIDE G/F FIRE CONTROL CENTRE.
- 3.3
- FIRE CONTROL CENTER TO BE PROVIDED AS INDICATED ON PLANS.

4. MISCELLANEOUS F.S. INSTALLATION

- 4.1
- PORTABLE FIRE EXTINGUISHER WITH SPECIFIED TYPE AND CAPACITY TO BE PROVIDED AT LOCATIONS AS INDICATED ON PLANS.
- 4.2
- SUFFICIENT EMERGENCY LIGHTING SHALL BE PROVIDED THROUGHOUT THE ENTIRE BUILDINGS/STRUCTURES IN ACCORDANCE WITH BS 5266-1:2016 AND BS EN 1838:2013 AND FSD CIRCULAR LETTER 4/2021.
- 4.3
- SUFFICIENT DIRECTIONAL AND EXIT SIGN SHALL BE PROVIDED IN ACCORDANCE WITH BS 5266: PART 1 AND FSD CIRCULAR LETTER 5/2008.
- 4.4
- NO EMERGENCY GENERATOR TO BE PROVIDED FOR SERVING THE EMERGENCY POWER. DUPLICATED POWER SUPPLIES FOR ALL FIRE SERVICES INSTALLATIONS COMPRISING A CABLE CONNECTED FROM ELECTRICITY MAINS DIRECTLY BEFORE THE MAIN SWITCH.
- 4.5
- WHEN A VENTILATION/ AIR CONDITIONING CONTROL SYSTEM TO A BUILDING IS PROVIDED, IT SHALL STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT.
- 4.6
- NO DYNAMIC SMOKE EXTRACTION SYSTEM SHALL BE PROVIDED SINCE FIRE COMPARTMENT EXCEEDING 7000 CUBIC METRES AND THE AGGREGATE AREA OF OPENABLE WINDOWS OF THE RESPECTIVE COMPARTMENT EXCEEDS 6.25% OF THE FLOOR AREA OF THAT COMPARTMENT.

7. NOTES FOR WATERWORKS

- 7.1
- ALL EQUIPMENT USED IN THE INSTALLATION SHALL BE OF THE APPROVED TYPE AND APPROVED MAKE BY THE H.K.F.S.D.
- 7.2
- ALL OVERFLOW PIPE OF WATER TANKS SHALL BE DISCHARGED IN A CONSPICUOUS POSITION TO THE COMMUNAL AREA WHERE IT IS EASILY VISIBLE AND ACCESSIBLE BY THE OCCUPANTS.
- 7.3
- ALL ABOVE GROUND PIPEWORKS UP TO INCLUDING ø150mm SHALL BE GALVANIZED MILD STEEL (G.M.S.) PIPES TO BS 1387 MEDIUM GRADE AND JOINTED WITH SCREWED FITTINGS, SCREWED FLANGES, OR SCREWED UNIONS.
- 7.4
- ALL UNDERGROUND PIPEWORKS UP TO AND INCLUDING ø150mm SHALL BE GALVANIZED MILD STEEL (G.M.S) PIPE TO BS 1387 HEAVY GRADE AND JOINTED WITH SCREWED FITTINGS, SCREWED FLANGES, OR SCREWED UNIONS.
- 7.5
- ALL PIPEWORKS FROM ø150mm UPWARDS SHALL BE DUCTILE IRON (D.I) TO BS 4722 AND JOINTED WITH FLANGE AND FLANGED FITTINGS.
- 7.6
- ALL COPPER ALLOY GATE VALVE SHALL CONFORM TO BS 5154 AND CHECK VALVES CONFORM TO BS 5153.
- 7.7
- ALL BALL FLOAT VALVES SHALL CONFORM TO BS 1221, PART 1.
- 7.8
- NO WATER PIPE SHALL BE EMBEDDED WITHIN LOAD BEARING STRUCTURAL ELEMENTS SUCH AS COLUMNS, BEAMS AND SLABS IN LONGITUDINAL DIRECTION.

LEGEND (FOR SCHEMATIC DIAGRAM)

	HOSE REEL W/ LOCKABLE GLASS FRONTED NOZZLE BOX, STRIKER, C/W FIRE ALARM BELL & BREAK GLASS UNIT
	150mm FIRE ALARM BELL
	BREAK GLASS UNIT
	FAST RESPONSE TYPE SPRINKLER HEAD
	FLOW SWITCH
	MONITORED GATE VALVE
	SPRINKLER ZONE SUBSIDIARY CONTROL VALVE ASSEMBLY INCLUDES ZONE SUBSIDIARY CONTROL VALVE, FLOW SWITCH, TEST GATE VALVE AND DRAIN VALVE
	GATE VALVE
	NON RETURN VALVE
	VORTEX INHIBITOR
	BALL FLOAT VALVE
	PRESSURE SWITCH
	PRESSURE GAUGE WITH COCK
	AUTOMATIC AIR VENT WITH COCK
	SPRINKLER / HOSE REEL PIPE
	SPRINKLER CONTROL VALVE SET
	LEVEL SWITCH (HIGH LEVEL SIGNAL & LOW LEVEL SIGNAL)
	FLEXIBLE CONNECTOR
	CHECK METER POSITION
	PLUG
	Y-STRAINER
	SPRINKLER / F.S. INLET
	SPRINKLER PROVING PIPE
	EXISTING F. S. INSTALLTION

ABBREVIATION

SPR.	SPRINKLER
F.H.	FIRE HYDRANT
H.R.	HOSE REEL
F.E.	FIRE EXTINGUISHER
CO ₂	CARBON DIOXIDE
L.P.C.	LOSS PREVENTION COUNCIL
F.S.I.	FIRE SERVICES INSTALLATION
H/L	HIGH LEVEL
M/L	MID LEVEL
L/L	LOW LEVEL
F/A	FROM ABOVE
F/B	FROM BELOW
T/A	TO ABOVE
T/B	TO BELOW
U/G	UNDERGROUND
F.S.	FIRE SERVICES

LEGEND (FOR LAYOUT PLAN)

	HOSE REEL W/ LOCKABLE GLASS FRONTED NOZZLE BOX, STRIKER, C/W FIRE ALARM BELL & BREAK GLASS UNIT
	150mm FIRE ALARM BELL
	BREAK GLASS UNIT
	SPRINKLER HEAD
	FLOW SWITCH
	MONITORED GATE VALVE
	SPRINKLER ZONE SUBSIDIARY CONTROL VALVE ASSEMBLY INCLUDES ZONE SUBSIDIARY CONTROL VALVE, FLOW SWITCH, TEST GATE VALVE AND DRAIN VALVE
	GATE VALVE
	NON RETURN VALVE
	VORTEX INHIBITOR
	BALL FLOAT VALVE
	PRESSURE SWITCH
	SPRINKLER / HOSE REEL PIPE
	SPRINKLER CONTROL VALVE SET
	CHECK METER POSITION
	SPRINKLER / F.S. INLET
	5Kg CO2 TYPE FIRE EXTINGUISHER
	4Kg DRY POWDER TYPE FIRE EXTINGUISHER
	PUMP
	150mm WATER ALARM GONG
	EMERGENCY LIGHTING
	EXIT SIGN
	MANUAL TYPE FIRE ALARM PANEL
	PUMP CONTROL PANEL
	SELF-CONTAINED EMERGENCY FLUORESCENT LIGHTING UNIT
	EXISTING F. S. INSTALLTION

COLOUR CODE

PIPE SIZES	COLOUR
ø25mm	LIGHT GREEN
ø32mm	RED
ø40mm	PURPLE
ø50mm	YELLOW
ø65mm	BLUE
ø80mm	GREEN
ø100mm	LIGHT BROWN
ø150mm	DEEP BROWN

DRAWING LIST

DRAWING NO	DESCRIPTION
EP-10435-FS01	FS NOTES, LEGEND, ABBREVIATIONS, DRAWING LIST AND LOCATION SITE PLAN
EP-10435-FS02	FIRE SERVICES INSTALLATION LAYOUT PLAN
EP-10435-GBP01	ELEVATIONS OF THE STRUCTURE and WINDOWS SIZE CALCULATION

J	PLAND REVISION	12-09-2023	JN
I	PLAND REVISION	22-08-2023	JN
H	PLAND REVISION	06-08-2023	JN
F	PLAND REVISION	27-06-2023	JN
E	WSD REVISION	15-01-2022	JN
D	REVISION	20-08-2020	CAD
C	REVISION	22-06-2020	CAD
B	REVISION	28-01-2019	KH
A	FSD SUBMISSION	29-05-2017	HY
REV	DESCRIPTION	DATE	BY

FSI CONTRACTOR

East Power Engineering Limited

PROJECT

TEMPORARY LOGISTICS CENTRE FOR A PERIOD OF 3 YEARS AT LOTS 95 (PART), 97 (PART) AND 768 (PART) IN D.D. 125, HA TSUEN, YUEN LONG.

DRAWING TITLE			
FS NOTES, LEGEND, ABBREVIATIONS, DRAWING LIST AND LOCATION SITE PLAN			
	INITIAL	DESIGNATION	DATE
DRAWN BY	KH	Eng. T	28-01-2019
DESIGNED BY	KH	Eng. T	28-01-2019
CHECKED BY	CM	PM	28-01-2019
APPROVED BY	-	-	-
PROJECT NO.	10435		
PAPER SIZE	A3	PLOT SCALE	1 : 1
DRAWING NO. EP-10435-FS01			
SCALE	N. T. S.	REVISION	J