

Project 項目名稱:

Renewal of Planning Approval for Temporary Logistics Centre and Ancillary Parking of Vehicle for a Period of 3 Years at Lots 94(Part), 98 S.A(Part),98 R.P.(Part), 99(Part), 100 R.P.(Part),105(Part), 106(Part), 107(Part), 108(Part), 110(Part), 116(Part) and760 R.P.(Part) in D.D. 125, Ha Tsuen,Yuen Long

Drawing Title 圖紙標題:

Location Plan

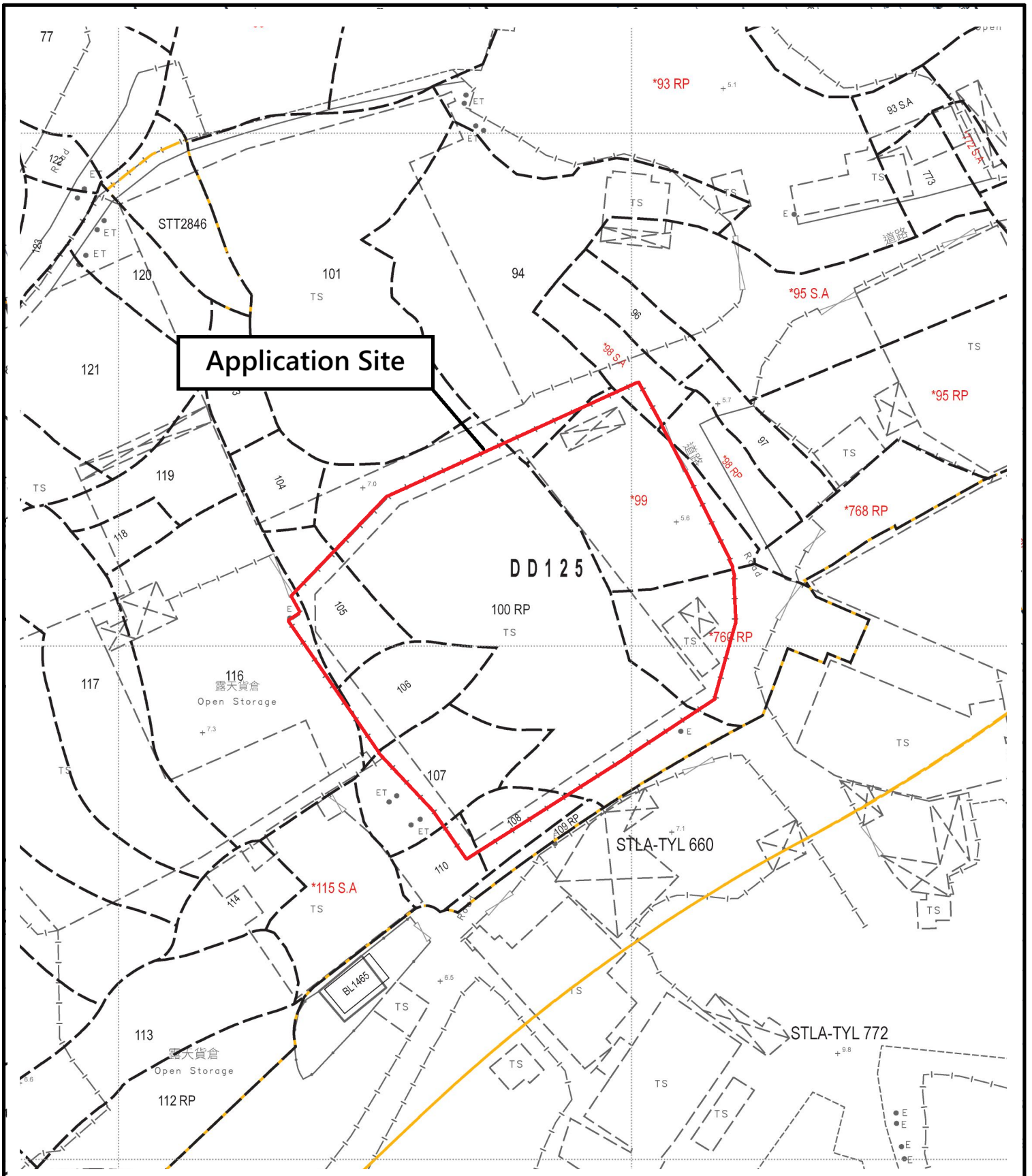


Remarks 備註:

●●●Vehicular access leading from Ping Ha Road

Drawing No. 圖號:

Scale 比例:



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Drawing Title 圖紙標題:

Site Plan



Remarks 備註:

Drawing No. 圖號:

Scale 比例:

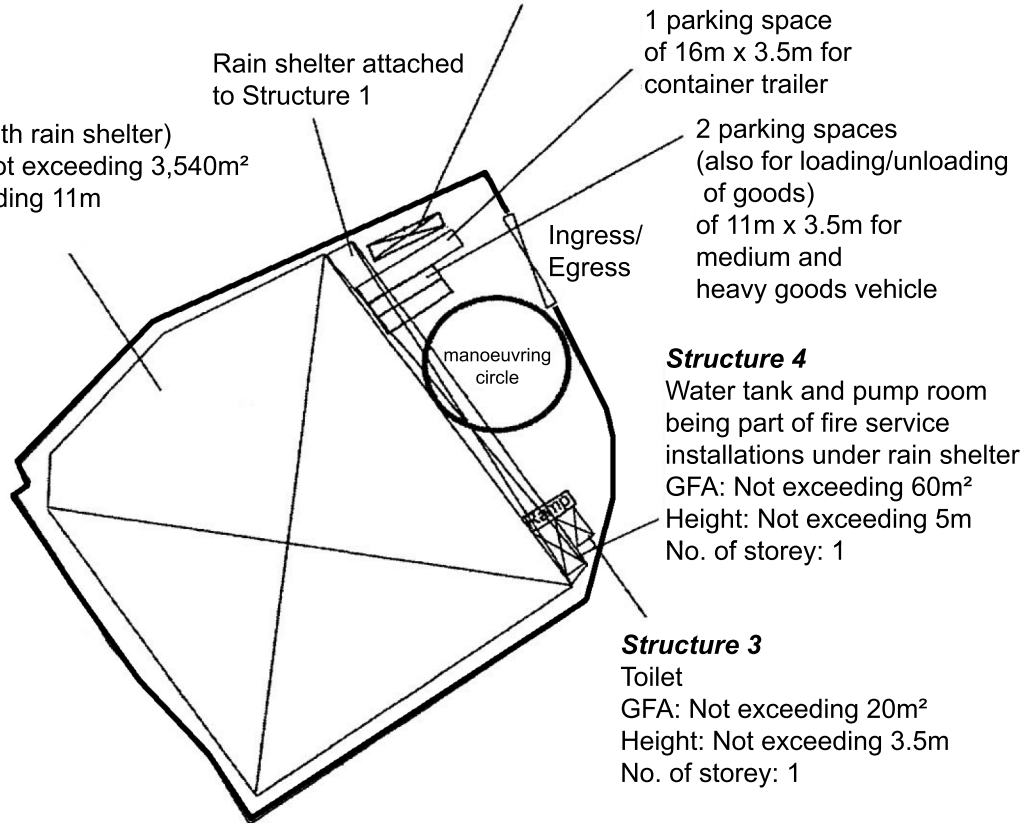


Structure 1

Logistic Centre (with rain shelter)
 Total floor area: Not exceeding 3,540m²
 Height: Not exceeding 11m
 No. of storey: 1

Structure 2

Site Office
 GFA: Not exceeding 40m²
 Height: Not exceeding 3.5m
 No. of storey: 1



1 parking space
 of 16m x 3.5m for
 container trailer

2 parking spaces
 (also for loading/unloading
 of goods)
 of 11m x 3.5m for
 medium and
 heavy goods vehicle

Structure 4

Water tank and pump room
 being part of fire service
 installations under rain shelter
 GFA: Not exceeding 60m²
 Height: Not exceeding 5m
 No. of storey: 1

Structure 3

Toilet
 GFA: Not exceeding 20m²
 Height: Not exceeding 3.5m
 No. of storey: 1

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Drawing Title 圖紙標題:

Layout Plan



Remarks 備註:

Drawing No. 圖號:

Scale 比例:

LOT BOUNDARY



NO	STRUCTURE CONTENT:
1	TEMPORARY LOGISTIC CENTRE
2	SITE OFFICE
3	TOILET
4	PARKING SPACES FOR MEDIUM AND HEAVY GOODS VEHICLE

APPROXIMATED AREA (m ²)	VOLUME (m ³)
3540	38,940
40	140
20	70
-	-

REV	DESCRIPTION	DATE	BY
I	PLAND REVISION	12-11-2023	JN
H	PLAND REVISION	27-06-2023	JN
G	WSD REVISION	27-06-2022	JN
F	WSD REVISION	15-01-2022	JN
E	REVISION	04-05-2019	JN
D	REVISION	22-02-2019	KH
C	REVISION	28-01-2019	KH
B	FSD SUBMISSION	30-12-2015	HY
A	FSD SUBMISSION	22-07-2015	HY

FSI CONTRACTOR
East Power Engineering Limited

PROJECT
 PROPOSED TEMPORARY LOGISTICS CENTRE AND ANCILLARY PARKING OF VEHICLE FOR A PERIOD OF 3 YEARS IN "COMPREHENSIVE DEVELOPMENT AREA", LOTS 94 (PART), 98 (PART), 99 (PART), 100 (PART), 105(PART), 106 (PART), 107 (PART), 108 (PART), 110 (PART), 116 (PART) AND 760 (PART) IN D.D.125, HA TSUEN, YUEN LONG

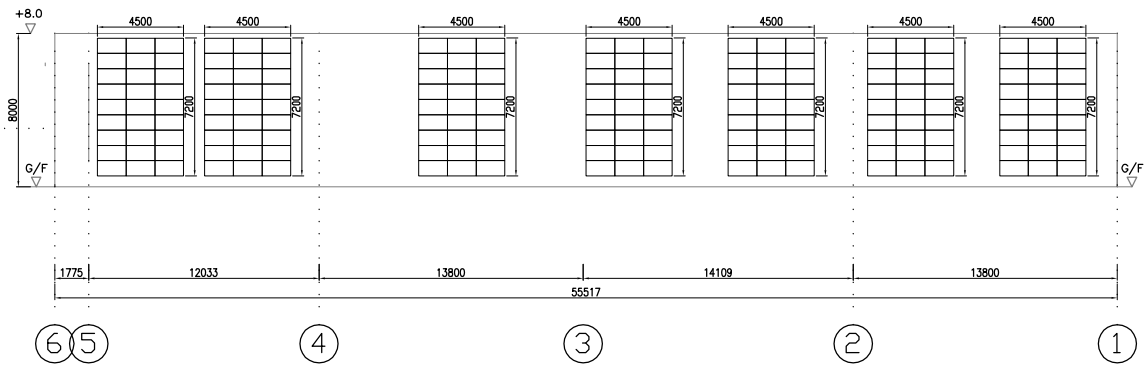
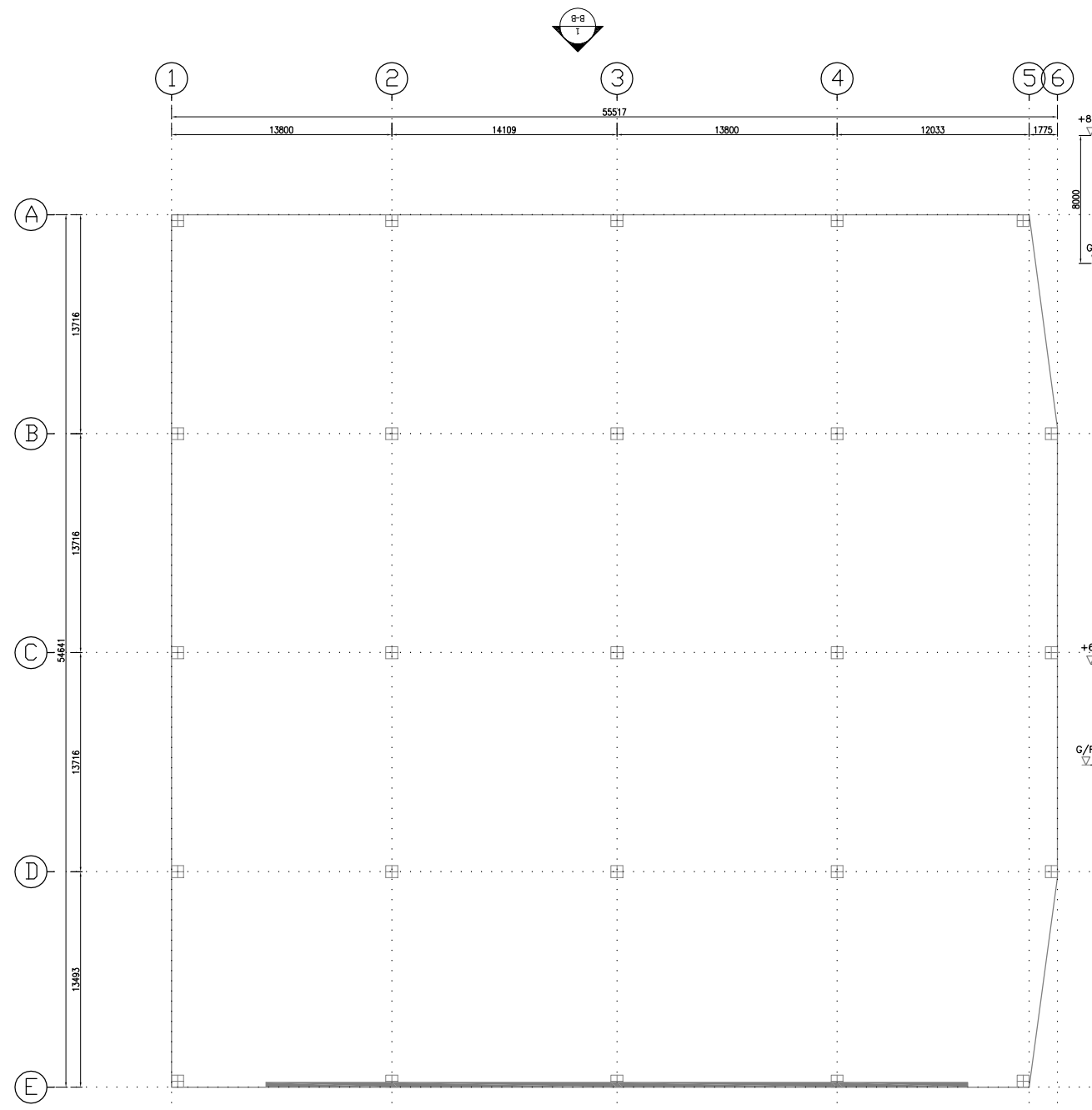
DRAWING TITLE
PROPOSED FSI LAYOUT PLAN AND SITE LOCATION

	INITIAL	DESIGNATION	DATE
DRAWN BY	JN	SEng	04-05-2019
DESIGNED BY	JN	SEng	04-05-2019
CHECKED BY	CM	PM	05-05-2019
APPROVED BY	-	-	-

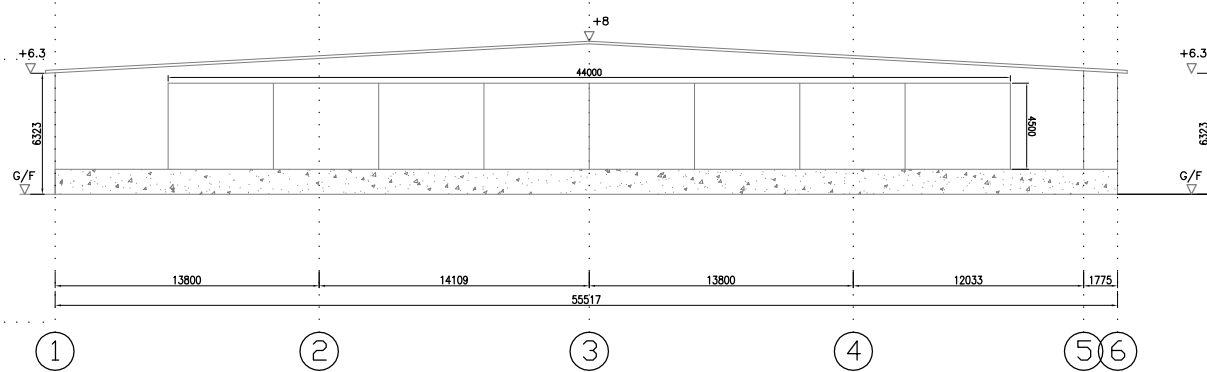
PROJECT NO. 10434 -HSK460
 PAPER SIZE A3 PLOT SCALE 1 : 1

DRAWING NO.
 EP-10434-FS02

SCALE	1 : 300	REVISION	1
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ELEVATION PLAN (ELV B-B)



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	3540	3540 X 6.25% = 221.25	REFER TO ELEVATION-(B-B) = 226.8 NOS OF WINDOWS PROVIDED = 189 EACH WINDOW SIZE (1.5mX0.8m) = 1.2m2 TOTAL = 226.8 > 221.25

REV	DESCRIPTION	DATE	BY
I	PLAND REVISION	12-11-2023	JN
H	PLAND REVISION	27-06-2023	JN
G	WSD REVISION	27-06-2022	JN
F	WSD REVISION	15-01-2022	JN
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FSI CONTRACTOR
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PROPOSED TEMPORARY LOGISTICS CENTRE AND ANCILLARY PARKING OF VEHICLE FOR A PERIOD OF 3 YEARS IN "COMPREHENSIVE DEVELOPMENT AREA", LOTS 94 (PART), 98 (PART), 99 (PART), 100 (PART), 105(PART), 106 (PART), 107 (PART), 108 (PART), 110 (PART), 116 (PART) AND 760 (PART) IN D.D.125, HA TSUEN, YUEN LONG

DRAWING TITLE
FLOOR AREA OF G/F AND WINDOWS CALCULATION

	INITIAL	DESIGNATION	DATE
DRAWN BY	JN	SEng	04-05-2019
DESIGNED BY	JN	SEng	04-05-2019
CHECKED BY	CM	PM	05-05-2019
APPROVED BY	-	-	-

PROJECT NO. 10434 -HSK460
PAPER SIZE A3 PLOT SCALE 1 : 1

DRAWING NO.
EP-10434-GBP01

SCALE	1:400	REVISION	I
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FIRE SERVICES NOTES:

1. HOSE REEL SYSTEM

- 1.1 HR SYSTEM TO BE PROVIDED AND INSTALLED FOR THE STRUCTURE (CONTAINER FREIGHT STATION) IN ACCORDANCE WITH THE CODE OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT
- 1.2 HOSE REELS SHALL BE PROVIDED AT THE POSITIONS INDICATED ON PLAN.
- 1.3 SUFFICIENT HOSE REELS TO BE PROVIDED TO ENSURE THAT EVERY PART OF THE AREA CAN BE REACHED BY A LENGTH OF NOT MORE THAN 30m OF HOSE REEL TUBING.
- 1.4 AN MODIFIED HOSE REEL SYSTEM WITH 2000L F.S. WATER TANK TO BE PROVIDED AND TO BE SINGLE END FEED FROM TOWN MAIN. THE LOCATION OF THE FS WATER TANK AND FS PUMP ROOM ARE CLEARLY MARKED ON PLANS.
- 1.5 TWO FIXED FIRE PUMPS (DUTY & STANDBY) TO BE PROVIDED IN THE PUMP ROOM.
- 1.6 NO FIRE SERVICES INLET TO BE PROVIDED FOR THE MODIFIED HOSE REEL SYSTEM.
- 1.7 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 STORAGE SHOULD BE CONFINED TO BLOCKS NOT EXCEEDING 150m² IN PLAN AREA FOR CATEGORY I.
- 2.5 A 95000L SPRINKLER WATER TANK TO BE PROVIDED AS INDICATED ON THE PLAN. SINGLE-END WATER SUPPLY WILL BE FEED FROM TOWN MAIN
- 2.6 SPRINKLER CONTROL VALVE SET AND SPRINKLER INLET TO BE PROVIDED AT GROUND FLOOR AND THE LOCATION AS INDICATED ON PLAN
- 2.7 TWO SPRINKLER PUMPS (DUTY & STANDBY) AND ONE SPRINKLER JOCKEY PUMP TO BE PROVIDED FOR SERVING THE STRUCTURE AND LOCATED IN PUMP ROOM.
- 2.8 ALL SPRINKLER PIPE SIZE SHOULD BE $\phi 32\text{mm}$ UNLESS SPECIFY
- 2.9 ALL INSTALLED SPRINKLER SHOULD BE PENDENT TYPE AND THE TEMPERATURE RATING OF SPRINKLER HEAD SHALL BE 68oC UNLESS OTHERWISE SPECIFIED.
- 2.10 ALL SPRINKLER ALARM SIGNALS TO BE TRANSMITTED TO THE AFA PANEL LOCATED AT THE FS PUMP ROOM AS INDICATED ON PLANS. THE SPRINKLER ALARM SIGNAL SHALL BE TRANSMITTED TO THE F.S. COMMUNICATION CENTRE BY DIRECT TELEPHONE LINE.

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 PUMP ROOM

4. EMERGENCY LIGHTING

- 4.1 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.























5. EXIT SIGN

- 5.1 SUFFICIENT DIRECTIONAL AND EXIT SIGN SHALL BE PROVIDED IN ACCORDANCE WITH BS 5266: PART 1 AND FSD CIRCULAR LETTER 5/2008.

6. MISCELLANEOUS F.S. INSTALLATION

- 6.1 PORTABLE FIRE EXTINGUISHERS WITH SPECIFIED TYPE AND CAPACITY TO BE PROVIDED AT LOCATION AS INDICATED ON PLANS.
- 6.2 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
- 6.2 WHEN A VENTILATION / AIR CONDITIONING CONTROL SYSTEM TO A BUILDING IS PROVIDED, IT SHALL STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT
- 6.3 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.

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
	ADDRESSABLE TYPE FIRE ALARM PANEL
	PUMP CONTROL PANEL

ABBREVIATION

SPR.	SPRINKLER
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

DRAWING LIST

DRAWING NO	DESCRIPTION
EP-10434-FS01	FS NOTES, LEGEND, ABBREVIATIONS AND DRAWING LIST
EP-10434-FS02	PROPOSED FSI LAYOUT PLAN
EP-10434-FS03	DETAILS OF PUMP ROOM

COLOUR CODE

PIPE SIZES	COLOUR
$\phi 25\text{mm}$	LIGHT GREEN
$\phi 32\text{mm}$	RED
$\phi 40\text{mm}$	PURPLE
$\phi 50\text{mm}$	YELLOW
$\phi 65\text{mm}$	BLUE
$\phi 80\text{mm}$	GREEN
$\phi 100\text{mm}$	LIGHT BROWN
$\phi 150\text{mm}$	DEEP BROWN

REV	DESCRIPTION	DATE	BY
I	PLAND REVISION	12-11-2023	JN
H	PLAND REVISION	27-06-2023	JN
G	WSD REVISION	27-06-2022	JN
F	WSD REVISION	15-01-2022	JN
E	REVISION	04-05-2019	JN
D	REVISION	22-02-2019	KH
C	REVISION	28-01-2019	KH
B	FSD SUBMISSION	30-12-2015	HY
A	FSD SUBMISSION	22-07-2015	HY

FSI CONTRACTOR

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PROJECT

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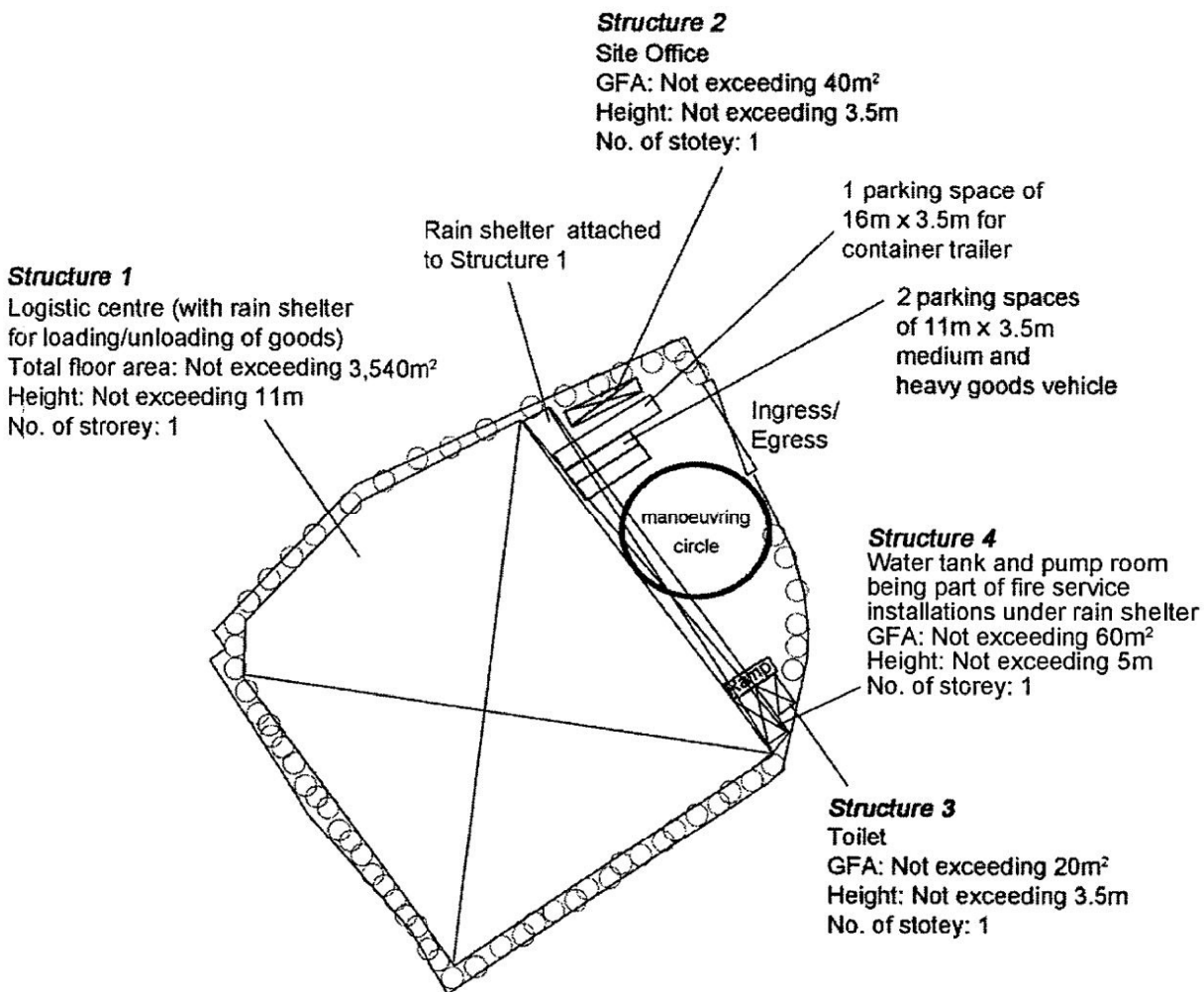
DRAWING TITLE

FS NOTES, LEGEND, ABBREVIATIONS AND DRAWING LIST

	INITIAL	DESIGNATION	DATE
DRAWN BY	JN	SEng	04-05-2019
DESIGNED BY	JN	SEng	04-05-2019
CHECKED BY	CM	PM	05-05-2019
APPROVED BY	-	-	-
PROJECT NO.	10434 -HSK460		
PAPER SIZE	A3	PLOT SCALE	1 : 1
DRAWING NO.	EP-10434-FS01		
SCALE	N. T. S.	REVISION	I



Tree	Approximate Height	Spacing
○ Existing <i>Ficus microcarpa</i> to be preserved	About 2.75m	3m to 4m



Project 項目名稱:

A/HSK/460

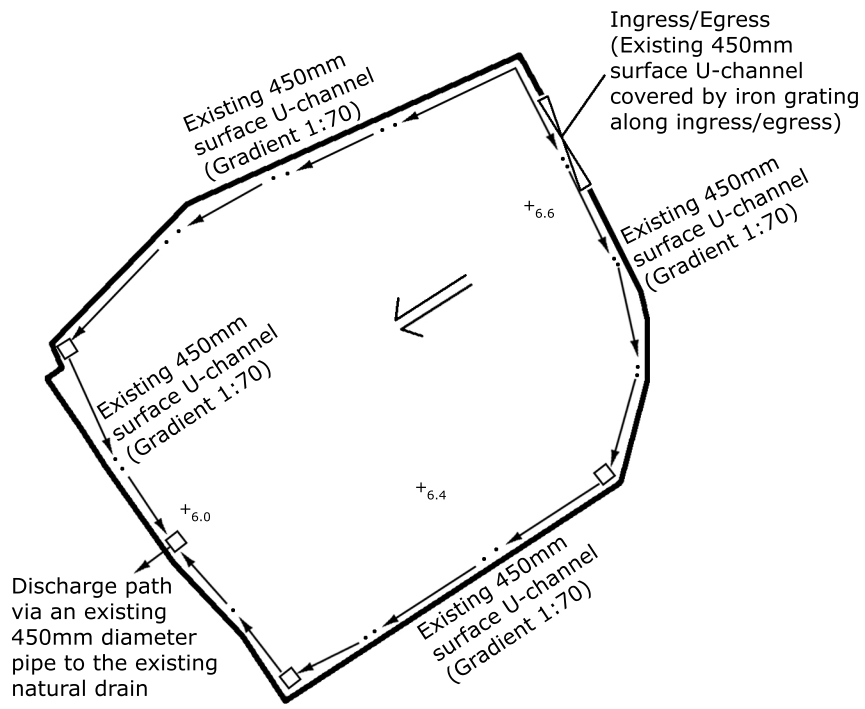
Drawing Title 圖目:

Existing Landscape
& Tree Preservation Plan

Remarks 備註:

Drawing No. 圖號:

Scale 比例:



Project 項目名稱:

A/HSK/460

Drawing Title 圖紙標題:

As-built Drainage Plan

Remarks 備註:

+6.6 Level (in mPD)

⇐ Flow of surface runoff

□ Catchpit

Drawing No. 圖號:

Scale 比例: