




















## **Annex 4**

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### Fire Service Installations Layout Plan

LEGEND

-  FLASHING LIGHT
-  FIRE ALARM BELL
-  MFA CALL POINT
-  HOSE REEL SET (30M LENGTH)
-  SPRINKLER INLET
-  SPRINKLER CONTROL VALVE GROUP
-  4KG DRY POWDER TYPE FIRE EXTINGUISHER
-  5KG CO2 GAS TYPE FIRE EXTINGUISHER
-  SPRINKLER PUMP & H.R. PUMP SET

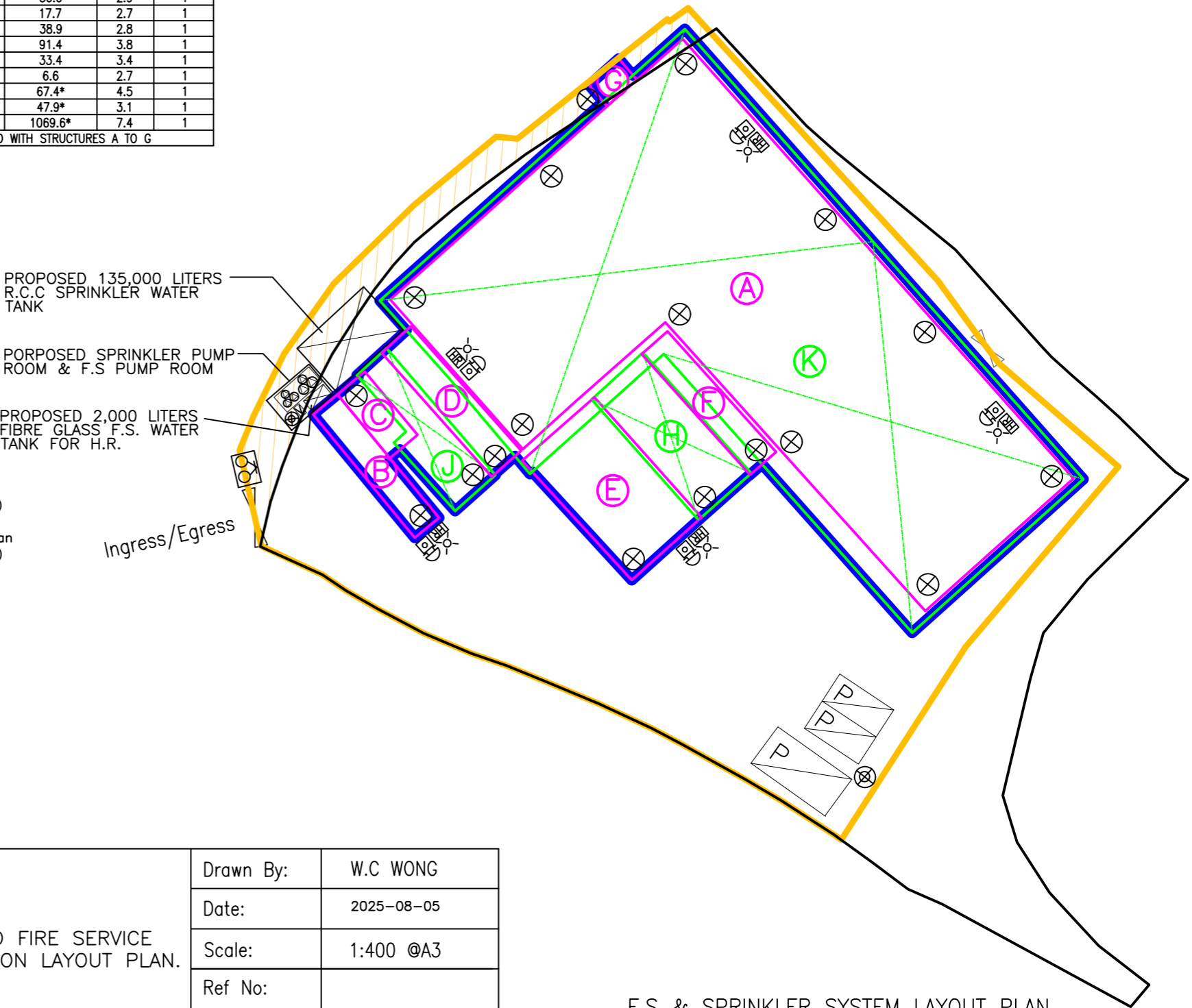
PROPOSED APPLICATION:					
	LOT 491 RP BOUNDARY				
	APPLICATION SITE: 2378.5 sq.m (about)				
	AREA WITHIN GOVERNMENT LAND				
	APPLICATION SITE: 131.9 sq.m (about)				
	AREA WITHIN LOT 491 RP				
	APPLICATION SITE: 2246.6 sq.m (about)				
	TOTAL BUILT-OVER AREA: 1346.5 sq.m (about)				
	PARKING AREA				
LEGEND	FEATURE	TYPE	AREA (sq.m. about)	HEIGHT (m)	STOREY
	A	WAREHOUSE	929.2	6.0	1
	B	OFFICE	30.0	2.9	1
	C	OFFICE	17.7	2.7	1
	D	OFFICE	38.9	2.8	1
	E	STORAGE	91.4	3.8	1
	F	STORAGE	33.4	3.4	1
	G	TOILET	6.6	2.7	1
	H	SHELTER	67.4*	4.5	1
	J	SHELTER	47.9*	3.1	1
	K	SHELTER	1069.6*	7.4	1
* INCLUDE AREAS OVERLAPPED WITH STRUCTURES A TO G					

Fire Notes:

- 1.Sufficient emergency lighting shall be provided throughout the entire building in accordance with BS 5266-1:2016 , BS EN 1838:2013 and FSD Circular Letter no.4/2021.
- 2.Sufficient directional and exit sign shall be provided in accordance with BS 5266-1:2016 and FSD Circular letter 5/2008.
- 3.Sufficient portable hand-operated approved appliance shall be provided as required by occupancy and as marked on plans.
- 4.An Automatic Sprinkler System Supplied by135 m3 Sprinkler Water Tank and Hazard Class OH 3 shall be provided to the building/structure in accordance with BS EN 12845:2015 and FSD Circular Letter No.5/2020. The Sprinkler Inlet and Sprinkler Control Valve Group as marked on plans. & the sprinkler water tank,F.S water tank, Sprinkler pump room and F.S pump room as marked on plans too.
- 5.The storage configuration is ST1 & ST2.

ST1:free standing or block stacking with reference to the section 6.3.2 of B.S 12845.and storage pattern is the maximum storage height shall not exceed 4 m & the maximum storage areas shall be 50m2 for any single block.with no less than 2.4m clearance around the block as Ordinary Hazard Group 3 in accordance with LPC BS EN 12845(Storage Category I )

ST2:Post pallets in single rows,with aisles not less than 2.4m wide with reference to be section 6.3.2 of B.S 12845. Maximum storage heights shall not exceed 3.5m & Aisles between rows shall be not less than 2.4m wide as Ordinary Hazard Group 3 in accordance with LPC BS EN 12845(Storage Category:Category I)
- 6.A hose reel system should be supplied by 2.0m3 F.S Water tank. There shall be sufficient hose reel to ensure that every part of each building can be reached by a length of not more than 30m of hose reel tubing.The F.S water tank, F.S pump room and hose reel shall be clearly marked on plans.
- 7.Fire alarm system shall be provided throughout the entire building in accordance with BS 5839-1:2017 and FSD Circular Letter no 6/2021. One actuation point and one audio warning device to be located at each hose reel point.The actuation point should include facilities for fire pump start and audio/visual warning device initiation.
- 8.The Sprinkler Tank & F.S water supply pipe be connected to Town Main.
- 9.The Sprinkler pump (SP1,SP2,JP) & F.S Hose Reel pump(HP1,HP2,JP) shall be provided at Sprinkler pump room & F.S pump Room.
- 10.Source of secondary power supply for the proposed FSIs shall be provided.



INTERCEPT FIRE & SECURITY  
TECHNICIANS LIMITED

Project :  
PROPOSED TEMPORARY SHOP AND  
SERVICES (METALWARE AND CONSTRUCTION  
MATERIALS AND EQUIPMENT) WITH  
INSTALLATION OF SOLAR PHOTOVOLTAIC  
SYSTEM AND ANCILLARY OFFICE FOR A  
PERIOD OF 3 YEARS AT LOT NO.491 RP  
IN D.D.130 IN SAN HING TSUEN,LAM TEI,  
TUEN MUN,N.T

TITLE :  
PROPOSED FIRE SERVICE  
INSTALLATION LAYOUT PLAN.

Drawn By:	W.C WONG
Date:	2025-08-05
Scale:	1:400 @A3
Ref No:	
Drawing No:	2025-FS/25

F.S & SPRINKLER SYSTEM LAYOUT PLAN