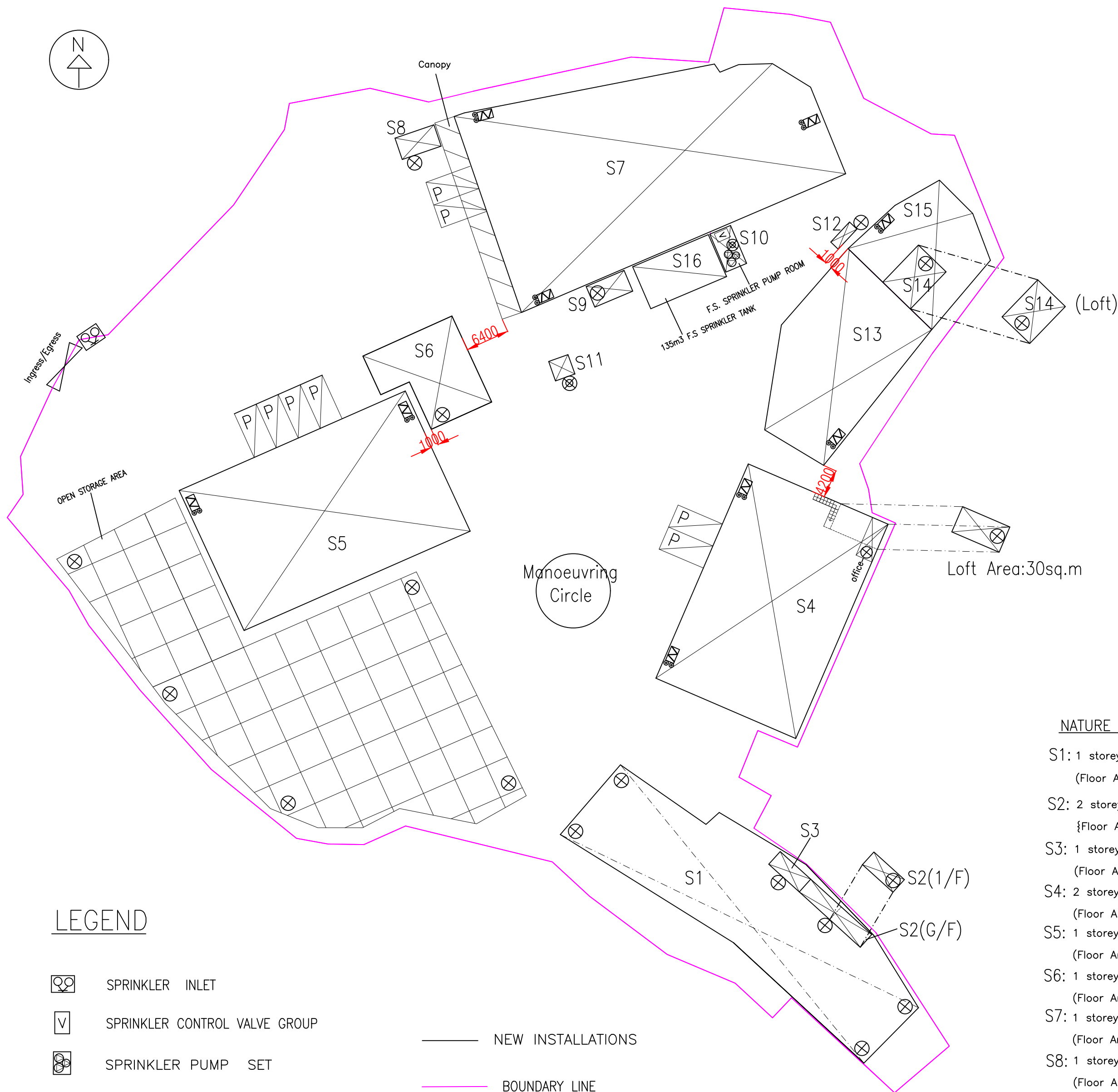




LEGEND

- SPRINKLER INLET
- SPRINKLER CONTROL VALVE GROUP
- SPRINKLER PUMP SET
- 4KG DRY POWDER TYPE FIRE EXTINGUISHER
- 5KG CO2 GAS TYPE FIRE EXTINGUISHER
- 20-35KG WHEELED TYPE DRY CHEMICAL TYPE FIRE EXTINGUISHER

- NEW INSTALLATIONS
- BOUNDARY LINE
- PARKING AREA
- ENCLOSED STRUCTURE
- SHED OPEN ON 3 SIDES

Fire Notes:

- 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.
- Sufficient directional and exit sign shall be provided in accordance with BS 5266-1:2016 and FSD Circular Letter 5/2008.
- Sufficient portable hand-operated approved appliance Fire Extinguisher shall be provided by occupancy and as marked on plans.
- Sufficient 20-35kg Wheeled Type Dry Chemical Fire Extinguisher in every 500sq.m on every floor of the premises and shall be provided to ensure that every part of the premises can be reached by wheeled type dry chemical fire extinguisher from a distance of not more than 30m.
- Sufficient Stand-alone fire detector shall be provided for each enclosed structure. Stand-alone fire detector shall be provided in accordance with the "Stand-alone Fire Detector General Guidelines on Purchase, installation & Maintenance [Sep 2021]". where two or more stand-alone fire detectors are installed in an enclosed structure, all detectors shall be interconnected (either wired or wirelessly) such that when one of the detectors is triggered, all connected detectors shall sound an alarm simultaneously.
- An Automatic Sprinkler System Supplied by 135 m³ Sprinkler Water Tank and Hazard Class OH 3 shall be provided to the building/structure 4,5,6,7,8,9,12,13,14,15, 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, Sprinkler pump room as marked on plans too.
- 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: 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)
- The Sprinkler Tank water supply pipe shall be connected to Town Main.
- The Sprinkler pump (SP1, SP2, JP) shall be provided at Sprinkler Pump Room.
- Source of secondary power supply for the proposed FSIs shall be provided.
- Static or dynamic smoke extraction system is not provided. The openable windows of structure 7 with aggregate area exceeding 6.25% of the floor area as marked on plans. (Detail see openable window layout plan)
- Ventilation/air conditioning control system shall not be provided as there is no mechanical ventilating system.

NATURE OCCUPANCY:

- | | |
|--|---|
| S1: 1 storey Shed open on 3 sides for Transporting goods.
(Floor Area about: 910sq.m, Total Height about: 8m) | S9: 1 storey Container for Office.
(Floor Area about: 18sq.m, Height about: 3m) |
| S2: 2 storey Container for office & Meter Room under the S1.
{Floor Area about: 30sq.m (G/F) + 15sq.m (1/F) = 45sq.m, Height about: 6m} | S10: 1 storey Structure for F.S Sprinkler Pump Room.
(Floor Area about: 18sq.m, Height about: 3m) |
| S3: 1 storey Container for Toilet under the S1.
(Floor Area about: 15sq.m, Height about: 3m) | S11: 1 storey Converted Container for Meter Room.
(Floor Area about: 9.0sq.m, Height about: 3m) |
| S4: 2 storey structure for Warehouse & office .
(Floor Area about: 755sq.m (G/F) + 30sq.m (Loft) = 785sq.m, Height about: 8m) | S12: 1 storey Converted Container for Toilet.
(Floor Area about: 6.0sq.m, Height about: 3m) |
| S5: 1 storey structure for Warehouse.
(Floor Area about: 810sq.m, Height about: 8m) | S13: 1 storey structure for Warehouse.
(Floor Area about: 420sq.m, Height about: 8m) |
| S6: 1 storey structure for Office.
(Floor Area about: 162sq.m, Height about: 3m) | S14: 2 storey structure for Office Under the S15.
(Floor Area about: 42sq.m x 2 = 84sq.m, Height about: 5m) |
| S7: 1 storey structure for Warehouse.
(Floor Area about: 1250sq.m + 90sq.m (Canopy) = 1340sq.m, Height about: 8m) | S15: 1 storey structure for Warehouse.
(Floor Area about: 245sq.m, Height about: 5m) |
| S8: 1 storey Container for Toilet.
(Floor Area about: 18sq.m, Height about: 3m) | S16: 1 storey structure for 135m ³ F.S Sprinkler Tank.
(Floor Area about: 80sq.m, Height about: 3m) |

INTERCEPT FIRE & SECURITY TECHNICIANS LIMITED

Registered Address :

Shop 25, G/F, Man Fung Building, YLTL 329,
Fung Kwan Street, Yuen Long, N.T.
Tel : 9263 7766 Fax : 2428 5932

Business Address :

8 / F, Block L, Phase 2, Wah Fung Industrial Centre,
33 - 39 Kwai Fung Street, Kwai Chung, N.T., H.K.
Tel : 2425 5404 Fax : 2428 5932

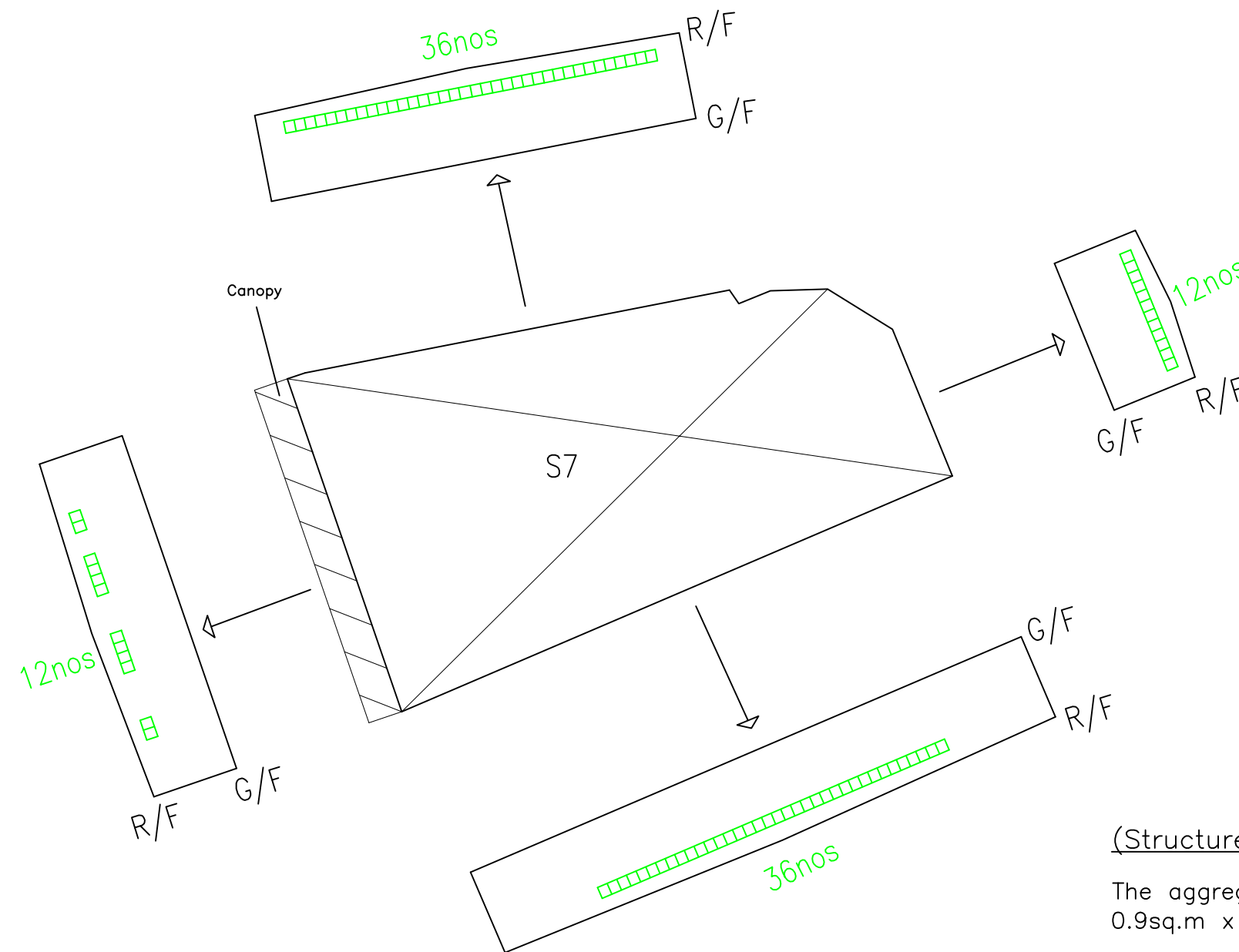
Project :

Proposed Temporary Warehouse for Storage of Construction Materials, Hardware and Electronic Components and Open Storage of Construction Materials For A Period of 3 Years at Lots Nos 130(Part), 131, 132(Part), 134(Part), 260(Part), 261(Part), 262, 263, 264 and 268(Part) in D.D128 and adjoining Government Land in Ha Tsuen, Yuen Long, N.T.

TITLE :

PROPOSED FIRE SERVICE INSTALLATION LAYOUT PLAN.

Drawn By:	W.C WONG
Date:	2025-10-06
Scale:	1:500 @A2
Ref No:	
Drawing No:	2025-FS-01/2P



LEGEND

- Openable window Area
(0.9m x 1.0m=0.9sq.m)

(Structure7:GFA:1340sq.m,Height:8m,Vol:10720m³>7000m³)

The aggregated area of openable window is:
 $0.9\text{sq.m} \times (36+12+36+12)\text{nos}=86.4\text{sq.m}$

6.25% of the floor area is: $1340\text{sq.m} \times 6.25\%=83.75\text{sq.m}$

$86.4\text{sq.m} > 83.75\text{sq.m}$

OPENABLE WINDOWS LAYOUT OF STRUCTURE 7 (Side Elevation)

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Proposed Temporary Warehouse for Storage
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Years at Lots Nos 130(Part),131,132(Part),
134(Part),260(Part),261(Part),262,263,264 and
268(Part) in D.D128 and adjoining
Government Land in Ha Tsuen,Yuen Long,N.T

TITLE :

PROPOSED OPENABLE WINDOWS
LAYOUT PLAN.

Drawn By:

W.C WONG

Date:

2025-10-06

Scale:

1:500 @A3

Ref No:

Drawing No:

2025-FS/02/2P