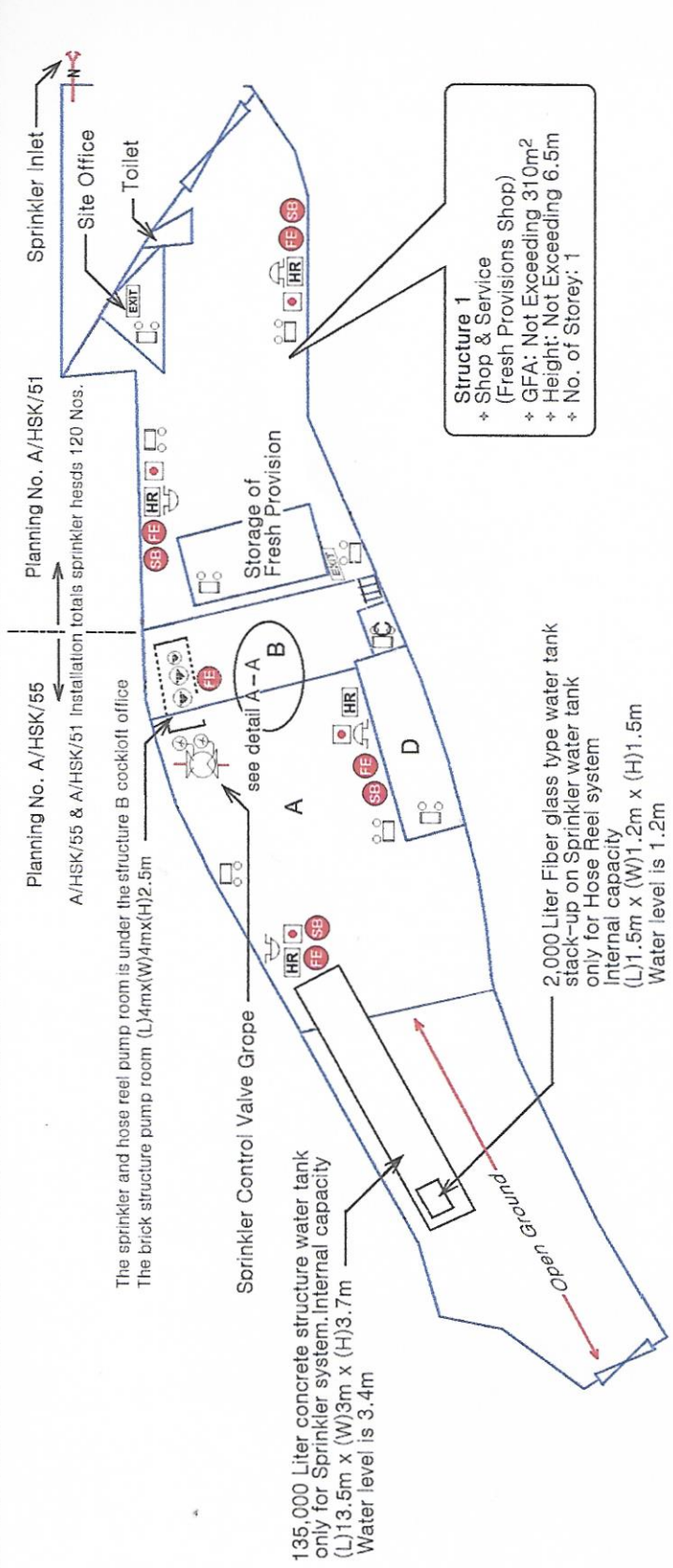


(Cockloft Office) Detail A-A (N.T.S)



Nature of Occupancy:

Structure A	
Retail shop for pet goods & dog breeding centre.	
GFA: Not exceeding 750m <sup>2</sup>	
Covered land area: Not exceeding 530m <sup>2</sup>	
Height: Not exceeding 6.5m	No. of storey: 1-2
Retail shop for pet goods at G/F	Not exceeding 470m <sup>2</sup>

Structure B	
Site office at 1/F (Height from the ground 2.5m)	
Not exceeding 220m <sup>2</sup>	
Retail shop for pet goods at G/F	

Structure C	
Toilet: 1 Storey	
Not exceeding 5m <sup>2</sup>	

Structure D	
Dog breeding centre: 1 Storey	
Not exceeding 55m <sup>2</sup>	

Pumps Schedule :			
Designation	Flow Rate (Liter/min)	Discharge Head (Kpa)	Motor Rating (Kw)
SP 1	2250/1350/1100	140/290/320	22
JP	60	450	3

- Legend:
- Break Glass Call Point
  - EXIT Exit Sign
  - 5 Kg CO<sub>2</sub> Type Fire Extinguisher
  - Sprinkler Inlet
  - 15 Kw Sprinkler Pump
  - Hose Reel Set
  - Fire Alarm Bell
  - Emergency Light
  - Sand Bucket
  - Water Alarm Bell
  - Flow Switch
  - 2.2 Kw Jockey Pump/ Hose Reel Pump

Fire Notes:

- An automatic Sprinkler system shall be provided to the entire structure in accordance with LPC rules incorporating BS EN 12845:2003 and FSD Circular Letter No. 3/2006.
- An automatic Sprinkler system supplied by 135,000 Liter Sprinkler Tank. Single end water supply will be fed from Town Main and Hazard class OH3 shall be provided to Structure 1 and Structure A,B,C&D in accordance with BS EN 12845:2003 and FSD Circular Letter No. 3/2006. The Sprinkler Water Tank, Sprinkler pump room, Sprinkler Inlet and Sprinkler Control Valve Group shall be clearly marked on Plan.
- Sufficient Emergency Lighting shall be provided throughout the entire building in accordance with BS 5226:Part 1 and BS EN 1838.
- Sufficient directional and EXIT Sign shall be provided in accordance with BS 5226:Part 1 and FSD Circular Letter No. 5/2008.
- Sufficient portable Fire Extinguisher to be provided at location clearly indicated on plan and Sprinkler Pump room.
- No Emergency Generator to be provided for serving the emergency power, Duplicated power supplies for all fire service installations comprising a cable connected from electricity main directly before the main switch.
- Fire alarm system shall be provided throughout the entire structure in accordance with BS 5839: Part 1: 2002 + A2: 2008 and FSD Circular Letter 1/2009.
- Hose Reel system to be provided and installed for the structure in accordance with the code of practice for minimum fire service installation and equipment 2012.
- There shall be sufficient Hose Reel to ensure that every part of the area can be reached by a length of not more than 30m of hose reel tubing.
- A modified Hose Reel system with 2000 liter F.S. water tank shall be provided. There shall be single end water supply will be fed from Town Main.
- The location on this F.S. water tank and F.S. pump room are clearly marked on plan.
- An instruction plate shall be provided next to the Break Glass unit for operation of Hose Reel
- No F.S. Inlet to be provided in this area.