

## **Appendix VII**

### **Fire Service Installations Proposal**



**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 2,000 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 F.S. 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. FIRE ALARM SYSTEM

- 2.1 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 ACTUATING POINT AND ONE AUDIO WARNING DEVICE SHOULD BE LOCATED AT EACH HOSE REEL POINT. THE ACTUATION POINT SHOULD INCLUDE FACILITIES FOR FIRE PUMP START AND AUDIO / VISUAL WARNING DEVICE INITIATION.
- 2.2 AN ADDRESSABLE TYPE FIRE ALARM PANEL TO BE PROVIDED AND LOCATED INSIDE G/F F.S. PUMP ROOM.

3. MISCELLANEOUS F.S. INSTALLATION

- 3.1 PORTABLE FIRE EXTINGUISHER WITH SPECIFIED TYPE AND CAPACITY TO BE PROVIDED AT LOCATIONS AS INDICATED ON PLANS.
- 3.2 SUFFICIENT EMERGENCY LIGHTING SHALL BE PROVIDED THROUGHOUT THE ENTIRE BUILDINGS/STRUCTURES IN ACCORDANCE WITH BS 5266-1:2016, BS EN 1838:2013 AND FSD CL 4/2021.
- 3.3 SUFFICIENT DIRECTIONAL AND EXIT SIGN SHALL BE PROVIDED IN ACCORDANCE WITH BS 5266: PART 1 AND FSD CIRCULAR LETTER 5/2008.
- 3.4 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.
- 3.5 WHEN A VENTILATION/ AIR CONDITIONING CONTROL SYSTEM TO A BUILDING IS PROVIDED, IT SHALL STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT.

PLANNING CONSULTANT



PROJECT  
PROPOSED TEMPORARY WAREHOUSE FOR STORAGE OF CONSTRUCTION MATERIALS AND CONSTRUCTION MACHINERY, PARKING OF SPECIAL PURPOSE VEHICLES AND RURAL WORKSHOP WITH ANCILLARY FACILITIES FOR A PERIOD OF 3 YEARS AND ASSOCIATED FILLING OF LAND, FILLING OF POND AND EXCAVATION OF LAND

SITE LOCATION  
VARIOUS LOTS IN D.D. 125 AND ADJOINING GOVERNMENT LAND, HA TSUEN, YUEN LONG, NEW TERRITORIES

SCALE  
1 : 2500 @ A4

DRAWN BY MN	DATE 8.11.2024
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REVISED BY	DATE
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APPROVED BY	DATE
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DWG. TITLE  
FSIs PROPOSAL (1/2)

DWG NO. APPENDIX VII	VER. 001
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**DEVELOPMENT PARAMETERS**

APPLICATION SITE AREA	: 41,569 m <sup>2</sup>	(ABOUT)
COVERED AREA	: 11,299 m <sup>2</sup>	(ABOUT)
UNCOVERED AREA	: 30,270 m <sup>2</sup>	(ABOUT)
PLOT RATIO	: 0.27	(ABOUT)
SITE COVERAGE	: 27 %	(ABOUT)
NO. OF STRUCTURE	: 7	
DOMESTIC GFA	: NOT APPLICABLE	
NON-DOMESTIC GFA	: 11,299 m <sup>2</sup>	(ABOUT)
TOTAL GFA	: 11,299 m <sup>2</sup>	(ABOUT)
BUILDING HEIGHT	: 8 m	(ABOUT)
NO. OF STOREY	: 1	






**PARKING PROVISIONS**

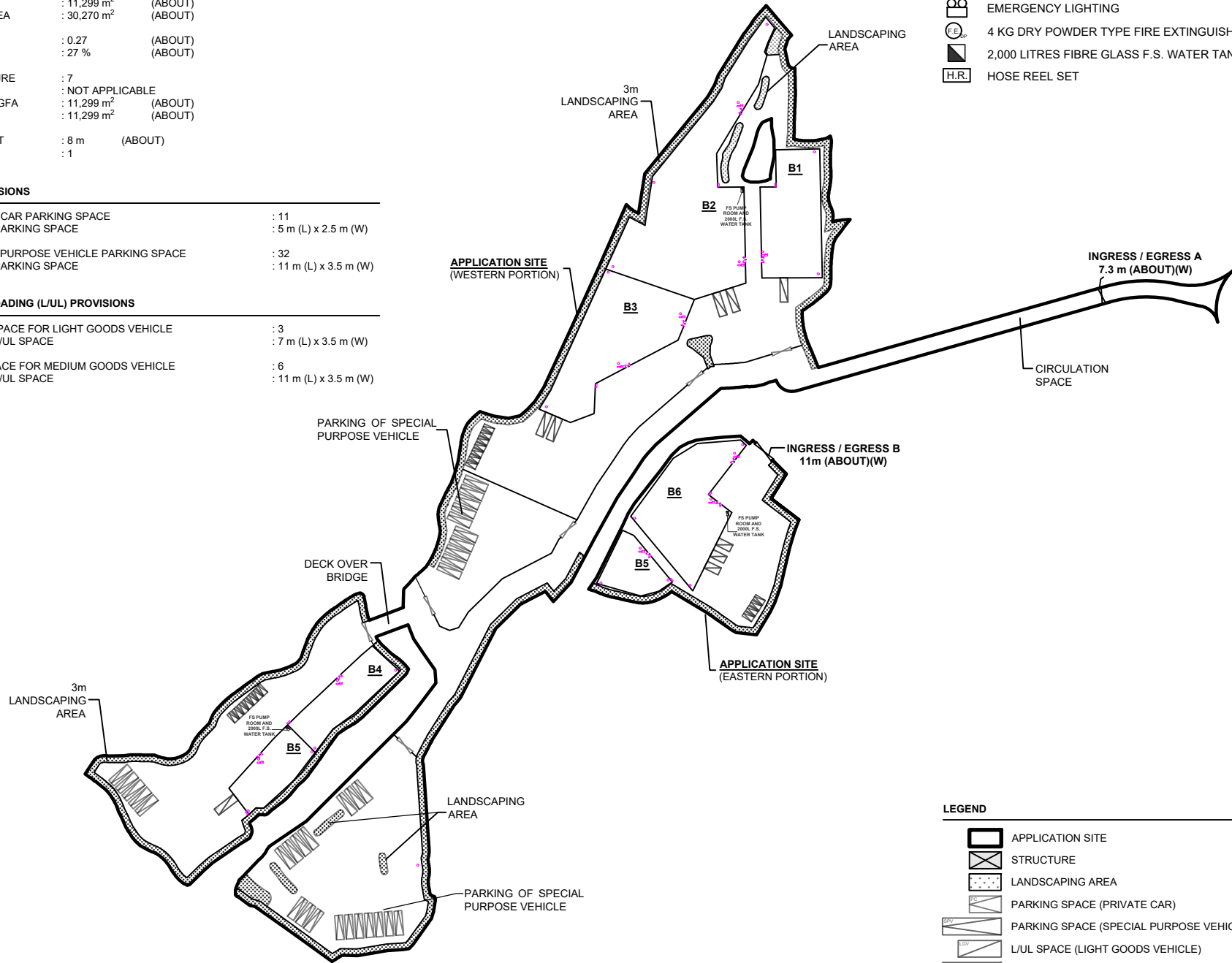
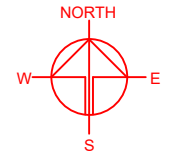
NO. OF PRIVATE CAR PARKING SPACE	: 11
DIMENSION OF PARKING SPACE	: 5 m (L) x 2.5 m (W)
NO. OF SPECIAL PURPOSE VEHICLE PARKING SPACE	: 32
DIMENSION OF PARKING SPACE	: 11 m (L) x 3.5 m (W)

**LOADING / UNLOADING (L/UL) PROVISIONS**










NO. OF L/UL SPACE FOR LIGHT GOODS VEHICLE	: 3
DIMENSION OF L/UL SPACE	: 7 m (L) x 3.5 m (W)
NO. OF L/UL SPACE FOR MEDIUM GOODS VEHICLE	: 6
DIMENSION OF L/UL SPACE	: 11 m (L) x 3.5 m (W)

**FIRE SERVICE INSTALLATIONS**

-  EXIT SIGN
-  EMERGENCY LIGHTING
-  4 KG DRY POWDER TYPE FIRE EXTINGUISHER
-  2,000 LITRES FIBRE GLASS F.S. WATER TANK
-  HOSE REEL SET



**LEGEND**

-  APPLICATION SITE
-  STRUCTURE
-  LANDSCAPING AREA
-  PARKING SPACE (PRIVATE CAR)
-  PARKING SPACE (SPECIAL PURPOSE VEHICLE)
-  L/UL SPACE (LIGHT GOODS VEHICLE)
-  L/UL SPACE (MEDIUM GOODS VEHICLE)
-  INGRESS / EGRESS OF THE APPLICATION SITE
-  GATE OF EACH PREMISES

\*SITE BOUNDARY FOR IDENTIFICATION PURPOSE ONLY.

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