

GENERAL NOTES:

1. R.C.C. DETAIL AND CALCULATION TO BE SUBMITTED UNDER SEPARATE COVER.
2. W.C. & DRAINAGE PLANS TO BE SUBMITTED UNDER SEPARATE COVER.
3. ALL BRICK WORKS TO BE BUILT WITH CEMENT MORTAR 1:3 MIX.
4. MIN. HEIGHT OF BEAMS AND CEILING ABOVE FLOOR LINE TO BE 2.0m.
5. ALL DIMENSIONS TO BE INDICATED IN MILLIMETERS.
6. THE RUN IN/OUT TO BE CONSTRUCTED IN COMPLIANCE WITH HIGHWAY'S DEPARTMENT STANDARD DWGS. NOS: H5114, H5115 AND H5116.
7. THE PROPOSED TEMPORARY COLD STORE WILL NOT INVOLVE USE/STORAGE OF DANGEROUS GOODS.
8. ACCESS AND FACILITIES FOR PERSON WITH DISABILITY SHALL COMPLY WITH BUILDING (PLANNING) REGULATION 72 AND DESIGN MANUAL BARRIER FREE ACCESS 2008.
9. CODE OF PRACTICE FOR FIRE SAFETY IN BUILDINGS 2011 TO BE COMPLIED WITH.

FIRE SERVICES NOTES:

1.0 SURFACE SPREAD OF FLAME

- 1.1 ALL LININGS FOR ACOUSTIC AND THERMAL INSULATION PURPOSES IN DUCTINGS AND CONCEALED LOCATIONS SHALL BE OF CLASS 1 OR 2 RATE OF SURFACES SPREAD OF FLAMES AS PER BRITISH STANDARD 476:PART 7 OR ITS INTERNATIONAL EQUIVALENT, OR BE BROUGHT UP TO THAT STANDARD BY USE OF AN APPROVED FIRE RETARDANT PRODUCT.
- 1.2 ALL LININGS FOR ACOUSTIC AND THERMAL INSULATION AND DECORATIVE PURPOSES WITHIN PROTECTED MEANS OF ESCAPE SHALL BE OF CLASS 1 OR 2 RATE OF SURFACES SPREAD OF FLAMES AS PER BRITISH STANDARD 476:PART 7 OR ITS INTERNATIONAL EQUIVALENT, OR BE BROUGHT UP TO THAT STANDARD BY USE OF AN APPROVED FIRE RETARDANT PRODUCT.

2.0 DANGEROUS GOODS

- 2.1 ANY INTENDED STORAGE OR USE OF DANGEROUS GOODS AS DEFINED IN CHAPTER 295 OF THE LAWS OF HONG KONG SHOULD BE NOTIFIED TO DIRECTOR OF FIRE SERVICES.

3.0 EMERGENCY GENERATOR

- 3.1 EMERGENCY GENERATOR WILL BE PROVIDED FOR THE ENTIRE DEVELOPMENT TO PROVIDE ESSENTIAL POWER TO THE F.S. INSTALLATION. THE NEW FIRE ALARM CONTROL PANEL SHALL BE BACKED UP WITH BATTERIES.

4.0 EMERGENCY LIGHTING

- 4.1 THE SPECIFICATION OF EMERGENCY LIGHTING SHALL COMPLY WITH H.K.F.S.D. STANDARD REQUIREMENTS.
- 4.2 EMERGENCY LIGHTING SHALL BE PROVIDED TO ALL BUILDINGS WITHIN THE PREMISES AND IN ADDITION, SUCH LIGHTING SHALL ALSO BE PROVIDED TO ENSURE ADEQUATE ILLUMINATION TO PERMIT SAFE EVACUATION TO THE OUTSIDE OF THE BUILDING AND IN ACCORDANCE WITH ~~BS 5266-1:2011~~ AND BS EN 1838:2013.

BS 5266-1:2016,

and the FSD Circular letter No. 4/2021.

5.0 DIRECTIONAL AND EXIT SIGNS

- 5.1 SUFFICIENT DIRECTIONAL AND EXIT SIGNS TO BE PROVIDED AND ENSURE THAT ALL EXIT ROUTES FROM ANY FLOOR WITHIN THE BUILDING ARE CLEARLY INDICATED AS REQUIRED BY THE CONFIGURATION OF STAIRCASES SERVING THE BUILDING.
- 5.2 EXIT SIGNS AND DIRECTIONAL SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH FSD CIRCULAR LETTER 5/2008.

6.0 FIRE ALARM CONTROL PANEL

- 6.1 A MAIN FIRE ALARM CONTROL PANEL SHALL BE PROVIDED FOR THE ENTIRE DEVELOPMENT AND LOCATED INSIDE THE F.S. CONTROL ROOM AT G/F AS INDICATED ON PLAN.

7.0 FIRE DETECTION AND ALARM SYSTEM

- 7.1 FIRE DETECTION SYSTEM (HEAT DETECTORS) TO BE PROVIDED TO E/M PLANT ROOMS (NOT COVERED BY AUTOMATIC FIXED INSTALLATIONS, EXCEPT WATER METER CABINETS) IN ACCORDANCE WITH CIRCULAR LETTER 1/2009 & 3/2010 AND ~~BS 5839-1:2002~~ AND ~~BS 5839-1:2002~~ TO PROTECT AREA NOT COVERED BY AUTOMATIC SPRINKLER SYSTEM.
- 7.2 MANUAL FIRE ALARM SYSTEM TO BE PROVIDED AND INCORPORATED IN THE HOSE REEL SYSTEM AND INSTALLED AS AN INTEGRAL PART OF THE FIRE DETECTION SYSTEM. A MAIN F.S. CONTROL WHICH PERCEIVES FIRE ALARM SIGNAL FROM SPRINKLER SYSTEM, MANUAL FIRE ALARM SYSTEM AND AUTOMATIC FIRE ALARM SYSTEM TO BE LOCATED AS INDICATED ON PLAN.
- 7.3 BREAK GLASS UNITS AND ALARM BELLS TO BE PROVIDED FOR ALL HOSE REEL POINTS. IN ADDITION, BREAK GLASS UNITS TO BE PUMPS AND INITIATE THE WARNING DEVICES.
- 7.4 ALL FIRE ALARM SIGNALS INCLUDING DETECTORS, FLOW SWITCHES, BREAKGLASS UNITS, ETC. TO BE LINKED TO THE F.S. COMMUNICATION CENTRE BY DIRECT TELEPHONE LINE.
- 7.5 VISUAL FIRE ALARM FLASHING LIGHTS WILL NOT BE PROVIDED, DUE TO UNDER PRIVATE WITH ACCESS CONTROL.

BS 5839-1:2017 and the FSD Circular letter No. 6/2021

LPC BS EN 12845:2015

except E&M plant room.

No. 5/2020

- 8.0 AUTOMATIC SPRINKLER SYSTEM
 - 8.1 AUTOMATIC SPRINKLER SYSTEM TO BE PROVIDED IN ACCORDANCE WITH LPC RULES FOR AUTOMATIC SPRINKLER INSTALLATION INCORPORATING ~~BS EN 12845:2003~~ AND LPC TECHNICAL BULLETINS AND CIRCULAR LETTER ~~5/06~~ AND ~~3/2012~~ TO PROTECT THE ENTIRE DEVELOPMENT.
 - 8.2 THE CLASSIFICATION OF THE ENTIRE DEVELOPMENT TO BE ORDINARY HAZARD GROUP III (OH III).
 - 8.3 ONE 107000 LITRES (07m³) SPRINKLER WATER TANK TO BE PROVIDED FOR THE ENTIRE DEVELOPMENT AS INDICATED ON PLAN.
 - 8.4 ONE SET OF ELECTRICAL DRIVEN SPRINKLER PUMPS (DUTY / STANDBY) SHALL BE PROVIDED ADJACENT TO THE SPRINKLER WATER TANK TO MAINTAIN THE REQUIRED FLOW AND PRESSURE.
 - 8.5 ALL SPRINKLER ALARM SIGNALS TO BE TRANSMITTED TO THE SPRINKLER ANNUNCIATION PANEL AS INDICATED ON PLAN. SPRINKLER ALARM SIGNALS TO BE LINKED TO THE F.S. COMMUNICATION CENTRE BY DIRECT TELEPHONE LINE.
 - 8.6 SPRINKLER CONTROL VALVE SET AND SPRINKLER INLET TO BE PROVIDED AS INDICATED ON PLAN.
 - 8.7 DRY SPRINKLER SYSTEM SHOULD BE PROVIDED FOR COLD STORAGE ROOM.

9.0 HOSE REEL SYSTEM

- 9.1 ONE 2,000 LITRES (2m³) HOSE REEL WATER TANK TO BE PROVIDED FOR THE ENTIRE DEVELOPMENT AS INDICATED ON PLAN.
- 9.2 ONE SET OF ELECTRICAL DRIVEN HOSE REEL WATER PUMPS (DUTY / STANDBY) SHALL BE PROVIDED ADJACENT TO THE HOSE REEL WATER TANK TO MAINTAIN THE REQUIRED FLOW AND PRESSURE.

10.0 VENTILATION/ AIR CONDITIONING CONTROL SYSTEM

- 10.1 NO VENTILATION/AIR CONDITIONING CONTROL SYSTEM TO BE PROVIDED TO STOP MECHANICALLY INDUCED AIR MOVEMENT WITHIN A DESIGNATED FIRE COMPARTMENT.

11.0 PORTABLE APPLIANCES

- 11.1 4.5kg CO₂ FIRE EXTINGUISHER SHALL BE PROVIDED FOR ALL PLANT ROOMS.

12.0 STREET FIRE HYDRANT SYSTEM

- 12.1 STREET FIRE HYDRANT SYSTEM WILL NOT BE PROVIDED.

13.0 OTHERS

- 13.1 STATIC AND DYNAMIC SMOKE EXTRACTION SYSTEM IS NOT REQUIRED AS THE AGGREGATE AREA OF OPENABLE WINDOWS OF THE COMPARTMENT EXCEED 6.25% OF THE FLOOR AREA OF THAT COMPARTMENT.

COLC

ALL
F.G.L.
S.S.

LEG

/H.R.

Site B
PRELIM

Pt.	D/E
A	3
B	3
C	1
D	1
E	1
F	1
G	1
H	1
J	1
K	1
L	1
M	1
N	1
O	1
P	1
Q	1
R	1
S	1
T	1
U	1
V	1
W	1
X	1
Y	1
Z	1
AA	1
AB	1
AC	1
AD	1
AE	1
AF	1
AG	1
AH	1
AJ	1
AK	1
AL	1