

<u>SYMBOLS</u>

SYMBOL ABBREVIATION **ABBREVIATION** CHECK VALVE PORTABLE 6kg FIRE EXTINGUISHER DRY POWDER (A,B,C) CONTROL PANEL NOVEC 1230 CYLINDER PENDENT SPRINKLER HEAD (K factor=5.65)
TEMPERATURE RATING = 68 °C Ø65mm FHS CLAS III 1- Ø65mm FHC CLASS I (Q=250GPM&H=100PSI) 2- Ø40mm FHR CLAS II/FE SIAMESE CONNECTION (Q=100GPM&H=65PSI)

Ø40mm FHR CLASII WITH FIRE EXTINGUISHER (Q=100GPM&H=65PSI) HEAT DETECTOR & SMOKE DETECTOR NON SPRINKLERED

UPRIGHT SPRINKLER HEAD (K factor=5.65) TEMPERATURE RATING = 68 °C ZONE CONTROL VALVES BUTTERFLY VALVE WITH TAMPER SWITCH

<u>SYMBOLS</u>

HANGERS & SUPPORTS TABLE

PIPE SIZE	MAXUMUM ALLOWABLE SPACING	RODE SIZE
25 MM	2130 MM	10 MM
32 MM	2440 MM	10 MM
38 MM	2740 MM	10 MM
50 MM	3050 MM	10 MM
62 MM	3350 MM	13 MM
75 MM	3660 MM	13 MM

COLOR CODE

FIRE BS PIPE	
FIRE Galvanized PIPE	

Ø80MM OS&Y GATE VALVE----Ø80MM CKECK VALVE— PRESSEURE GAGE— FLOW SWITCH Ø50MM TEST & DRAIN—

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GEODETIC DATUM:
PROJECT SYSTEM:
ZONE:
PLOT ID: 1- DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS

2- ALL ROOM PROTECTED BY NOVEC 1230 SYSTEM MUST BE CHECKED BY GAS

3- MULTIPURPOSE DRY CHEMICAL POWDER PORTABLE FIRE EXTINGUISHER CLASS ABC 6KG WEIGHT SHALL BE PROVIDED INSIDE FHC, MECHANICAL,

4- CARBON DIOXIDE POR TABLE FIRE EXTINGUISHER CLASS BC 6KG WEIGHT

OTHERWISE NOTED.

STORE & PANTRY ROOM.

NON LEAKAGE WORK TEST (INTEGRITY TEST).

SHALL BE PROVIDED IN ELECTRICAL ROOM.

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ABBREVIATIONS

MEANING	ABBREVIATION
IVIEANING	ABBREVIATION
FIRE PIPE	FP
SEAMLESS BLACK STEEL	SBS
FIRE HOSE CABINET	FHC
PRESSURE GAUGE	PG
TO ABOVE	T/A
CHECK VALVE	CHV
FIRE EXTINGUISHER	FE
GATE VALVE	GV
AUTOMATIC AIR VENT	AAV
FLOW SWITCH	FS
TO BELOW	T/B
TYPICAL	TYP
DRY POWDER EXTINGUISHER	FE-1
CO2 FIRE EXTINGUISHER	FE-2
INVERT LEVEL	IL

MDL.NUM ACC.PATH Clash Report

DRAWING TITLE

DATE CODE CHK' D IUSSED FOR APPROVAL PROJECT MANAGEMENT CONSULTANT

DRAWING NUMBER

CIVIL DEFENCE BUILDING

LEVEL-1 FIRE PROTECTION SYSTEM LAYOUT-MASTER PLAN **ISSUED FOR APPROVAL** MOHAMED KAMEL MODEL FILE REF CIVIL DEFENCE BUILDING 1:100

FILE PATH:



