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HAN WHA 5AMP NETWORK IR FLATEYE CCTV CAMERA



PRPONIX TMD 15 GRADE 3 DUAL INTRUDER ALARM DETECTOR



HAN WHA TECHWIN XRN-3210B2 NVR 32 CHANNEL CONTROL UNIT



PROTEC OPTICAL SMOKE & HEAT DETECTOR/SENSOR WITH VISUAL ALARM



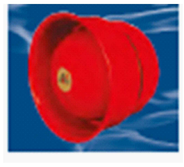
PROTEC DIGITAL ADDRESSIBLE FIRE ALARM PANEL ALGOTEC 6500 - 4 COOP UNIT



SAMPLE OF FIRE ALARM ZONE CHART



PROTEC FIRE ALARM CALL POINT



PROTEC EXTERNAL IP65 SOUNDER WITH FLASHING BEACON

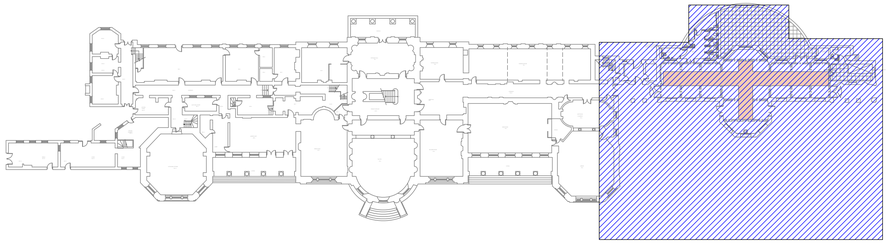
FIRE ALARM LEGEND (Cont.)	
SYMBOL	DESCRIPTION
MC	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR
MCS	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR & SOUNDER
MCSE	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR, SOUNDER & VAD
MCE	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR & VAD
M	MANUAL CALL POINT WIRELESS CONTROLLED
T	WIRELESS TRANSMITTER MODULE (LOOP POWERED)
I/O 16	16 WAY INTERFACE UNIT
	DISTRIBUTION BOARD
	THREE POLE FAN ISOLATION SWITCH

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
FAP	FIRE ALARM PANEL 6500
FABC	FIRE ALARM ??????
	20A SECRET KEY SWITCHED FUSED CONNECTION UNIT METAL CLAD FINISHED IN RED
M	COMBINED OPTICAL HEAT DETECTOR
MCS	COMBINED OPTICAL HEAT DETECTOR C/W SOUNDER
MCSE	COMBINED OPTICAL HEAT DETECTOR C/W SOUNDER & VAD
HSE	HEAT DETECTOR WITH SOUNDER AND STROBE BASE
	MANUAL CALL POINT
I/O	INPUT/OUTPUT INTERFACE UNIT
	13 AMP UNSWITCHED FUSED SPUR CONNECTION UNIT
	13 AMP SWITCHED FUSED SPUR CONNECTION UNIT

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EXISTING FIRE ALARM SYSTEM THROUGHOUT THE PROJECT AT ALL POINTS UNTIL THE NEW FIRE ALARM IS INSTALLED, COMMISSIONED, TESTED AND INSPECTED BY PROTEC AND WITNESSED BY ECS CONSULTANTS.

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ECS ELECTRICAL ENGINEERING SPECIFICATIONS.
2. THIS DRAWING IS INDICATIVE AND IS INTENDED TO HIGHLIGHT THE PROPOSED LOCATION FOR ELECTRICAL SERVICES. THE CONTRACTOR SHALL NOTE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL INCLUDE TO PRODUCE THEIR OWN WORKING DRAWINGS, TAKE DETAILED SITE MEASUREMENTS, INDICATE THE PROVISION OF BUILDERS WORKS AND COORDINATE THE INSTALLATION OF ALL SERVICES.
3. THE CONTRACTOR SHALL NOTE THIS DRAWING HAS BEEN PRODUCED USING LIMITED SITE SURVEY INFORMATION. THE CONTRACTOR SHALL INCLUDE TO CARRY OUT AN INTRUSIVE SURVEY AND TO PRODUCE DRAWINGS THAT REFLECT THE INSTALLATION.
4. ALL EQUIPMENT SHALL BE INSTALLED & LOCATED TO MAINTAIN SPATIAL REQUIREMENTS TO FACILITATE ACCESS & MAINTENANCE IN LINE WITH MANUFACTURERS RECOMMENDATIONS AND GOOD PRACTICE GUIDES.
5. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES.
6. DO NOT SCALE FROM THIS DRAWING.
7. ALL DETAILS ARE APPLICABLE TO EVERY DRAWING UNLESS INDICATED OTHERWISE.
8. THE CONTRACTOR SHALL INCLUDE TO IDENTIFY THE COMPLETE EXISTING ELECTRICAL INSTALLATION, EXTEND AND ADAPT TO FACILITATE THE PROPOSED WORKS



GROUND FLOOR PLAN

DRAWING NOTES

SYMBOL	DESCRIPTION
	BLUE RING HIGHLIGHTS THE INTRODUCTION OF IMPROVED FIRE DETECTION DEVICES LOCATION ALONGSIDE THE NEW DEVICES WHICH ARE LOCATED IN EXISTING POSITION. THERE ARE A NUMBER OF CALL POINTS THAT ARE WIRELESS DEVICES THAT DO NOT REQUIRE ANY CABLING.
	THAT CONTRACTOR SHALL NOTE THIS WILL BE WIRED FROM BELOW

CONTAINMENT LEGEND

SYMBOL	DESCRIPTION
	GALVANISED STEEL TRUNKING
	GALVANISED STEEL "1/2/3/4" COMPARTMENT TRUNKING DROPPER/RISER
	200mm GALVANISED STEEL BASKET WITH 2no DIVIDER
	300mm GALVANISED CABLE BASKET WITH 2no DIVIDER FOR BAND ONE, BAND TWO AND FIRE ALARM CABLES
	VERTICAL RISER FOR CONTAINMENT TO ELECTRICAL DISTRIBUTION BOARDS BETWEEN FLOOR
	"TP&N / SP&N" DISTRIBUTION BOARD "LP / L / P / D / CCTV"
	CONSUMER UNIT "LP / L / P / D / CCTV"
	SP&N ROTARY ISOLATOR
	200mm GALVANISED STEEL BASKET WITH 2no DIVIDER IN CEILING VOID
	FISH WIRES THROUGH FLOOR VOID (CLIPPED DIRECT IN WEST WING)

Continued on Drawing No. 24/100/E/21

B01A-GF-005 Baby Change
Courtyard
B01A-GF-004 Cleaner Store
B01A-GF-003 Ambulant W.C.
B01A-GF-002 Circ
FULL HEIGHT OPENING FINISHED WITH IPS PANEL FOR ELECTRICAL CABLES
INT02
HEL IP65
B01A-GF-006 Gas Boiler
B01A-GF-009 Staff W.C.
B01A-GF-008 Staff Lobby
B01A-GF-007 Kitchen
Ventilation Cowl to Roof
INT02
INT01
RAFT AREA WITH CONTAINMENT
FAP
SI LSI/ 1
LP0
CLIPPED DIRECT
UP
WIRELESS
RISER
ANTE ROOM
TO LIBRARY
EG.2
NO ACCESS AVAILABLE
ORGAN
NOTE - MAY NOT BE ABLE TO INSTALL ACCESS TO THIS AREA, REQUIRES FURTHER INSPECTION
ACCESS VIA 1ST FLOOR LOFT SPACE
NEW FIRE ALARM INSTALLATION WITHIN THE ORAGERY SHALL BE CARRIED OUT BY THE MAIN CONTRACTOR WHO CARRIED THE ORANGERY REFURBISHMENT WORK HOWEVER THE LINK OF THE FIRE PANEL WITHIN THE ORANGERY TO THE HALL MAIN FIRE ALARM PANEL SHALL BE CARRIED OUT BY THE PRINCIPAL CONTRACTOR REWIRING THIS HALL.
LIBRARY
EG.3
ACCESS TO CEILING VOID VIA ROOF LEVEL HATCH

CAD original - not to be modified by hand

Rev.	Description	Revised By	Date
T3	TENDER ISSUE.	G.M.	May .24
T2	TENDER ISSUE.	G.M.	Jan .24
T1	TENDER ISSUE.	G.M.	Nov. 22

STATUS: TENDER

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JOB NO.	DRAWING NO.	COMPUTER FILE	REVISION
24/100	24/100/E/22	24_100_E_22	T3
DATE	SCALE	DRAWN	CHECKED
Feb. 2022	1:50 @ A0	J.P.	G.M.

JOB TITLE: Heaton Park Hall

DRAWING TITLE: Ground Floor East Wing Fire Alarm Layout