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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



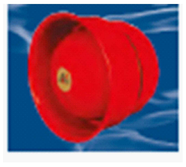
PROTEC DIGITAL ADDRESSIBLE FIRE ALARM PANEL ALGOTEC 6500 - 4 COOP UNIT



SAMPLE OF FIRE ALARM ZONE CHART



PROTEC FIRE ALARM CALL POINT



PROTEC EXTERNAL IP65 SOUNDER WITH FLASHING BEACON

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.

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
R	REMOTE LED INDICATOR

DATA AND TELECOMS LEGEND

SYMBOL	DESCRIPTION
	SINGLE RJ45 DATA OUTLET

SMALL POWER LEGEND

SYMBOL	DESCRIPTION
	13 AMP UNSWITCHED FUSED SPUR CONNECTION UNIT
	TWIN SWITCHED SOCKET OUTLET MOUNTED ON DADO TRUNKING

DRAWING NOTES

SYMBOL	DESCRIPTION
1	TENDER DRAWING INDICATES SWITCHED SPUR UNITS FOR ALL REMOTE EXPANDER UNITS. CONFIRMATION FROM MONO ALARMS SPECIALIST SUPPLIER ON ACTUAL LOCATIONS - NOTE NOT ALL CIRCUIT AND SWITCHED SPUR UNITS WILL BE REQUIRED
2	THE CONTRACTOR SHALL SUPPLY AND INSTALL THE FOLLOWING TYPES OF INTRUDER ALARM CABLES TO BS4737.3.30 TO THE FOLLOWING AREAS: - HOUSE DECORATIVE AREAS LSZH ALARM CABLE TYPE 1 - BASEMENT, WEST-WING - LSZH TYPE 2 PVC SHEATHED. - ROOF AREA LSZH DATA GUARD (SWA) ALARM CABLE TYPE 1

CONTAINMENT LEGEND

SYMBOL	DESCRIPTION
	GALVANISED STEEL TRUNKING
	GALVANISED STEEL *1/2/3/4" COMPARTMENT TRUNKING DROPPER/RISER.
	200mm GALVANISED STEEL BASKET WITH 2no DIVIDER (POSSIBLE CLIPPED DIRECT FOLLOWING CONTRACTOR ADMINISTRATORS APPROVAL)
	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
E	FISH WIRES THROUGH FLOOR VOID (CLIPPED DIRECT IN WEST WING)

GENERAL NOTES

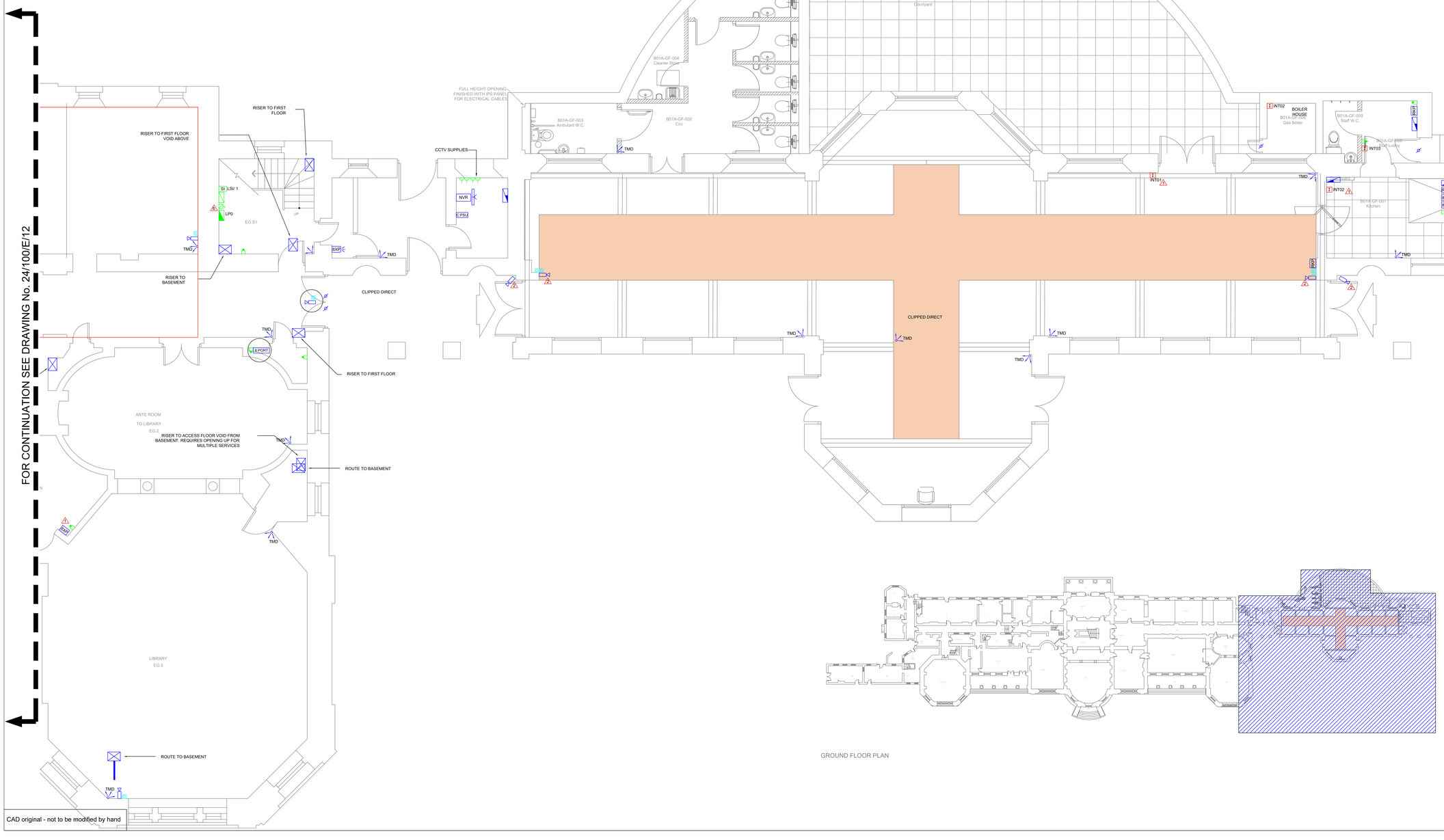
1	THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ECS ELECTRICAL ENGINEERING SPECIFICATIONS.
2	THIS DRAWING IS INDICATIVE AND IS INTENDED TO HIGHLIGHT THE PROPOSED LOCATION FOR ELECTRICAL SERVICES. THE CONTRACTOR SHALL NOTE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES. THE CONTRACTOR 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

INTRUDER ALARM LEGEND

SYMBOL	DESCRIPTION
	TEXCOM GRADE 3 (168) MULTI-CIRCUIT MICRO PROCESSOR CONTROL PANEL
A PSU	POWER SUPPLY UNIT
RKP	REMOTE KEYPAD
COMM	REMOTE ALARM SIGNALING COMMUNICATOR
GSM	GSM COMMUNICATOR
TMD	GRADE 3 ANTI-MASKING DIGITAL DUAL TECHNOLOGY MOTION DETECTOR
LR TMD	GRADE 3 ANTI-MASKING DIGITAL LONG RANGE DUAL TECHNOLOGY DETECTOR
	GRADE 3 LARGE WHITE SURFACE MOUNTED MAGNETIC CONTACT
TMD	GRADE 3 ANTI-MASKING DIGITAL TWIN MOTION DETECTOR WITH 2 NON-OVERLAPPING DETECTORS (PIR & DUAL TECHNOLOGY IN ONE HOUSING) PYRONIC TMD 15
RXP	REMOTE ZONE EXPANDER
RXP C	REMOTE ZONE EXPANDER WITH SPEAKER DRIVE OUTPUTS 2 AMP PSU
	INTERNAL SOUNDER
	DECOY EXTERNAL SOUNDER
	TEXECOM PREMIER ELITE ODYSSEY 5 ULTRA COMPACT LOW PROFILE IP65 GRADE 3 EXTERNAL SOUNDER AND STROBE UNIT
	RADAR DETECTOR (ROOF AREA ONLY) AX15 DZ 115-VE SECURITY RADAR

CCTV LEGEND

SYMBOL	DESCRIPTION
NVR	WALL MOUNTED CCTV CABINET NETWORK VIDEO RECORDER REF: HAN WHA WISENET 32 CHANNEL NVR
	WALL / CEILING MOUNTED CCTV CAMERA REF: HAN WHA WISENETIP CAM MPIXEL D/W IR 5 AMP 4mm IR,20 CAMERA
	HD CCTV MONITOR
8 PORT	SWITCH POE 8 PORT 30 WATT 10/100 POE+
16 PORT	SWITCH POE 16 PORT 30 WATT 10/100 POE+
C PSU	POWER SUPPLY UNIT



GROUND FLOOR PLAN

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. 23

STATUS: TENDER

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JOB NO.	DRAWING NO.	COMPUTER FILE	REVISION
24/100	24/100/E/13	24_100_E13	T3
DATE	SCALE	DRAWN	CHECKED
May 2022	1:50 @ A0	J.P.	G.M.

JOB TITLE: Heaton Park Hall

DRAWING TITLE: Ground Floor
East Wing
Intruder Alarm & CCTV Layout