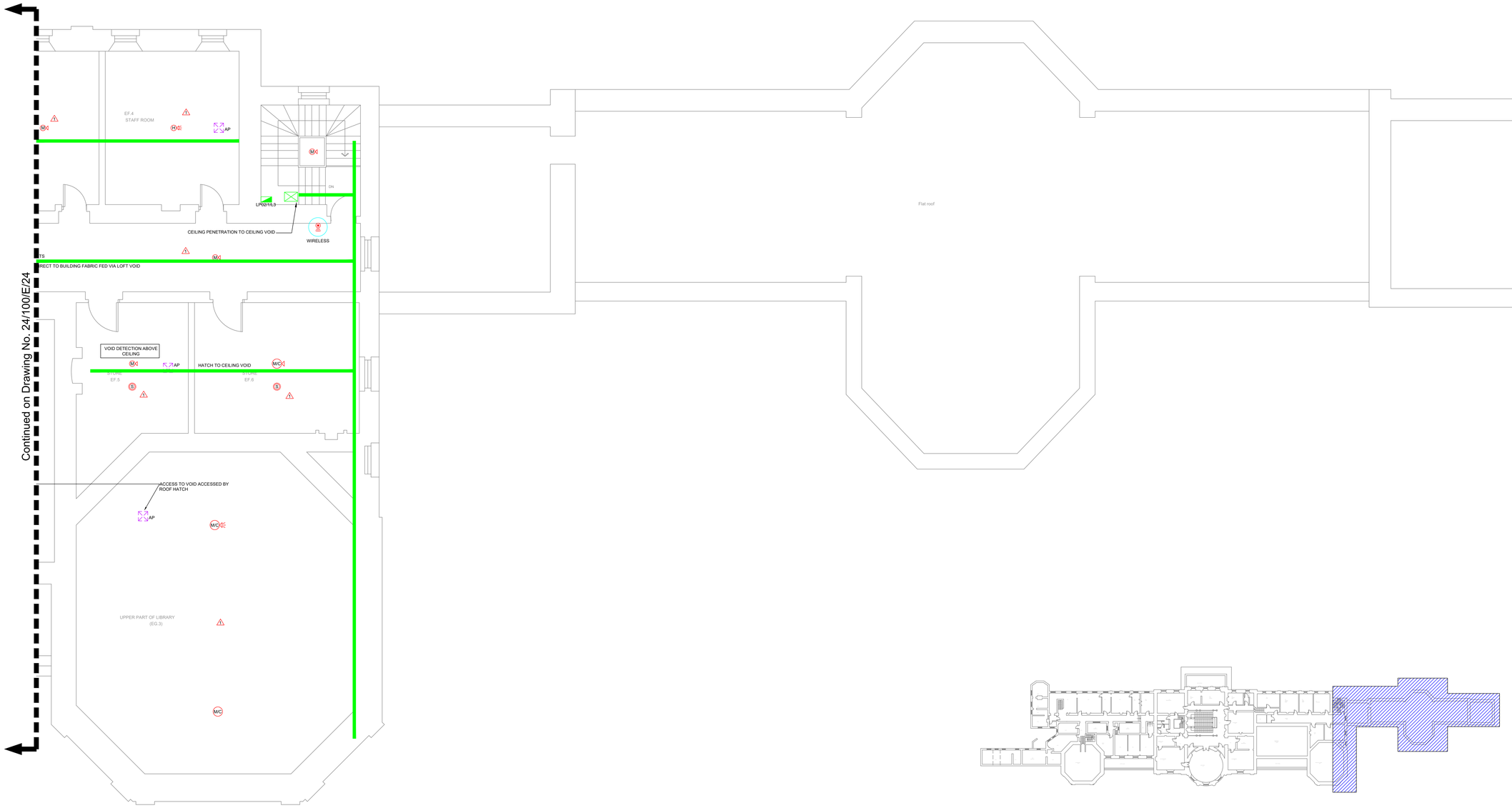
A0



FIRST FLOOR PLAN

DRAWING NOTES

SYMBOL	DESCRIPTION
⚠	THE CONTRACTOR SHALL INCLUDE TO SUPPLY, INSTALL, TEST & COMMISSION 20No OF SMOKE VOID DETECTORS TO BE INSTALLED WITH FP200 CABLE (RED) INSTALLED ON CABLE TRAY OR CLIPPED DIRECT WITHIN THE ROOF VOID. A PC SON WILL BE INCLUDED WITHIN THE PRICED SECTION OR THE SPECIFICATION.
	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 (Cont.)

SYMBOL	DESCRIPTION
MC	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR
MCX	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR & SOUNDER
MCXE	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR, SOUNDER & VAD
MCE	COMBINED OPTICAL HEAT DETECTOR C/W CARBON MONOXIDE DETECTOR & VAD
	MANUAL CALL POINT WIRELESS CONTROLLED
T	WIRELESS TRANSMITTER MODULE (LOOP POWERED)
I 16	16 WAY INTERFACE UNIT
	13 AMP SWITCHED FUSED SPUR CONNECTION UNIT

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
M	COMBINED OPTICAL HEAT DETECTOR
MX	COMBINED OPTICAL HEAT DETECTOR C/W SOUNDER
MXE	COMBINED OPTICAL HEAT DETECTOR C/W SOUNDER & VAD
H	HEAT DETECTOR
HXE	HEAT DETECTOR WITH SOUNDER AND STROBE BASE
S	OPTICAL SMOKE DETECTOR CEILING VOID MOUNTED
	MANUAL CALL POINT
I	INPUT/OUTPUT INTERFACE UNIT
AP	ACCESS PANEL

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

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
	FISH WIRES THROUGH FLOOR VOID (CLIPPED DIRECT IN WEST WING)

DRAWING NOTES

SYMBOL	DESCRIPTION
1	THE CONTRACTOR SHALL NOTE THAT THEY SHALL BE RESPONSIBLE FOR THE FINAL CO-ORDINATION OF THE PRIMARY CONTAINMENT INSTALLATION AND POSITIONING WITH REGARDS TO THE EXISTING STRUCTURAL ELEMENTS AND OTHER BUILDING SERVICES.
2	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SUPPLY AND INSTALLATION OF ALL SECONDARY CONTAINMENT FROM THE PRIMARY CONTAINMENT SYSTEM.
3	THE CONTRACTOR SHALL NOTE THAT THEY SHALL INCLUDE TO ISSUE TO THE PRINCIPAL CONTRACTOR A DETAILED BUILDERS WORK SCHEDULE FOR THE FORMING OF OPENINGS THROUGH THE STRUCTURE, OR FOR THE FORMING OF BOXING IN, TO ALLOW FOR CONTINUATION OF THE ELECTRICAL CONTAINMENT.
4	THE CONTRACTOR SHALL INCLUDE TO PASS THE CABLE CONTAINMENT UNDER THE EXISTING ARCHWAYS OR SUPPLY AND INSTALL BOXING IN, TO ALLOW FOR THE CONTINUATION OF THE ELECTRICAL CONTAINMENT SYSTEM.
5	THE CONTRACTOR SHALL INCLUDE TO DESIGN, SUPPLY AND INSTALL ADDITIONAL SECONDARY CABLE CONTAINMENT ROUTES TO FURTHER ENHANCE THE CABLE INSTALLATION. THIS SHALL BE IN KEEPING WITH THE THE PROPOSED INSTALLATION.

Rev.	Description	Revised By	Date
T3	TENDER ISSUE.	G.M.	May. 2024
T2	TENDER ISSUE.	G.M.	Jan. 2024
T1	TENDER ISSUE.	G.M.	Nov. 2023

STATUS

TENDER

CONSULTANTS
Building Services Consulting Engineers
148 Stockport Road
Cheadle, Cheshire. SK8 2DP
Tel. 0161 283 2882 Fax 0161 282 8825
Web Site: www.ecs-ecs.co.uk Email: sales@ecs-ecs.co.uk

JOB NO.	DRAWING NO.	COMPUTER FILE	REVISION
24/100	24/100/E/25	24_100_E_25	T3
DATE	SCALE	DRAWN	CHECKED
Feb. 2022	1:50 @ A0	J.P.	G.M.

JOB TITLE
Heaton Park Hall

DRAWING TITLE
First Floor
East Wing
Fire Alarm Layout

CfA ISO 9001

CAD original - not to be modified by hand