

Revisions:			
Rev	Description	Date	By
A	Issued For Information	15.07.2024	SG
B	Issued For Information	11.09.2024	SG

Standard Electrical Notes:
This drawing only shows the electrical installation requirements.
The subcontractor must consult the other drawings relevant to this section of the project to ensure that in doing his work it will comply with the overall requirements of the overall design as shown on the architect's drawings and that it will not obstruct the fitting or future maintenance of other services.
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- Legend:**
- 12W LED IP54 bulkhead - emergency type
 - 18W LED Bulkhead emergency luminaire
 - 18W Compact LED fitting anti ligature luminaire
 - 300mm diameter architectural pendant chandelier - Chairman's Room
 - 450mm surface mounted luminaire
 - wall mounted LED light fitting
 - large 3 limbed architectural pendant luminaire
 - uplighting luminaire
 - 5 limbed luminaires may be of historical importance - LED lamps to be installed
 - Surface mounted LED anti ligature luminaire
 - Compact LED luminaire
 - 1800mm Double LED Batten surface mounted
 - 1500mm Double LED Batten surface mounted
 - 1200mm Double LED Batten surface mounted
 - 1200mm Double tube LED Batten surface mounted
 - 1200mm Double tube anti ligature type LED Batten surface mounted
 - 1500mm LUDR LED batten luminaire in Boiler House
 - 1800mm LUDR LED batten luminaire in Boiler House
 - Emergency exit bulkhead luminaire LED
 - Decorative pendant with LED lamps
 - "Frog eye" emergency luminaire LED
 - 600mm x 600mm Recessed mounted LED fitting
 - 600mm x 600mm Recessed mounted emergency LED fitting
 - LED Emergency downlight
 - Downlight luminaire - LED - size varies
 - New UFO 150W LED luminaires in Library (H1)
 - New UFO 250W LED luminaires in Library (H2)
 - LED Emergency way finding sign LED 3H-NM
 - Denotes Emergency Version of Luminaire

RIBA Stage 3
Submission



This drawing is based on Architects drawing No:

SPOORMAKER & PARTNERS, UK.
MECHANICAL ELECTRICAL CONSULTING ENGINEERS

UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1HA
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk
www.spoomaker.co.uk

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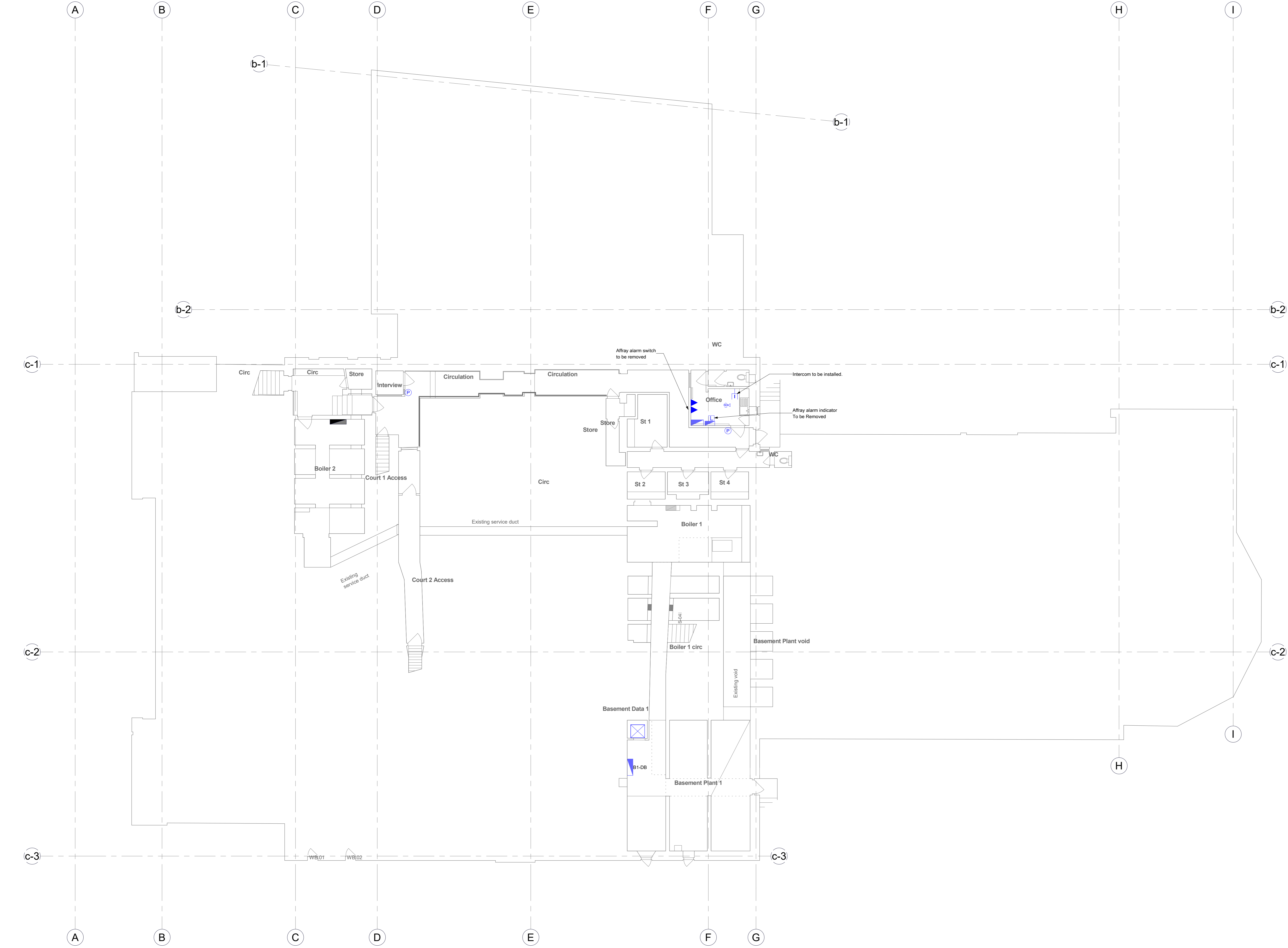
Project:
**SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT**

Drawing Title:
**Basement Proposed
Lighting Layout**

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	AD
		SG	NC	NC	17.07.2024
Drawing Status					Scale
For Information					As indicated
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	4B1-L	B	

Please refer to Electrical Scope
of Works drawing reference
213002-E-E-001

C:\Users\jg\Documents\213002-Shire Hall_ELEC_v2DW_Layout.dwg
18/07/2024 10:24



Basement Lvl Proposed - Security Layout
1:100

Revisions:			
Rev	Description	Date	By
A	Issued For Information	15.07.2024	SG
B	Issued For Information	11.09.2024	SG

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- Legend:**
- Existing IT Cabinet
 - TPN supply to nearest local DB
 - Fire Alarm Interface
 - PAXTON DOR ENTRY SYSTEM COMPLETE WITH CARD READERS BREAK GLASS UNITS AND ELECTROMAGNETIC LOCKS- 230V LOCAL POWER SUPPLY ON RADIAL CIRCUIT FROM NEAREST LOCAL DB.
 - WALL MOUNTED CAMERA
 - INTERCOM
 - CCTV MONITOR

RIBA Stage 3
Submission



This drawing is based on Architects drawing No:

SPOORMAKER & PARTNERS, UK.
MECHANICAL ELECTRICAL CONSULTING ENGINEERS

UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1HA
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk

www.spoomaker.co.za

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Project:
**SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT**
































Drawing Title:
**Basement Lvl Proposed -
Security Layout**

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	AD
		SG	NC	NC	17.07.2024
Scale "As indicated"					
For Information					
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	4B1-S	B	

Please refer to Electrical Scope
of Works drawing reference
213002-E-E-001

[illegible]

The subcontractor is responsible with the main contractor for correct field dimensions, clearances and heights, quantities, fabrication processes and techniques of construction, co-ordination of his work with that of all other trades and for providing all devices necessary for safe and satisfactory operation.

-  - Existing 12W LED IP54 bulkhead - emergency type recessed luminaire
-  - 18W LED Bulkhead emergency luminaire
-  - 18W Compact LED fitting and signature luminaire
-  - 300mm diameter architectural pendant chandelier - Chairman's Room
-  - 400mm surface mounted luminaire
-  - wall mounted LED light fixture
-  - wall mounted PHOT operated LED floodlight - 20W
-  - LED Panning Luminaires at high level
-  - large 3 lmbed architectural pendant luminaire
-  - uplighting luminaire
-  - 5 lmbed luminaires may be of historical importance - LED Lamps to be installed - Surface mounted recessed LED and signature luminaire
-  - Compact LED luminaire
-  - 1800mm Double LED Batten surface mounted
-  - 1500mm Double LED Batten surface mounted
-  - 1200mm Double LED Batten surface mounted
-  - 1200mm Double LED Batten surface mounted
-  - 1200mm Double tube and signature type LED Batten - surface mounted
-  - 1900mm LUDR led batten luminaire in Boiler House
-  - 1800mm LUDR led batten luminaire in Boiler House
-  - Emergency exit bulkhead luminaire LED
-  - Decorative pendant with LED lamps
-  - "Frog eye" emergency luminaire LED
-  - 600mm x 600mm Recessed mounted LED lighting
-  - LED - Emergency downlight
-  - Downlight luminaire - LED - size varying
-  - 6 ft pin spot LED luminaire - Ceiling mounted
-  - New LIFO 150W LED luminaires
-  - New LIFO 250W LED luminaires
-  - LED Emergency way finding sign 3ft xHt.
-  - Denotes Emergency Version of Luminaire
-  - Ceiling mounted occupancy sensor

mace

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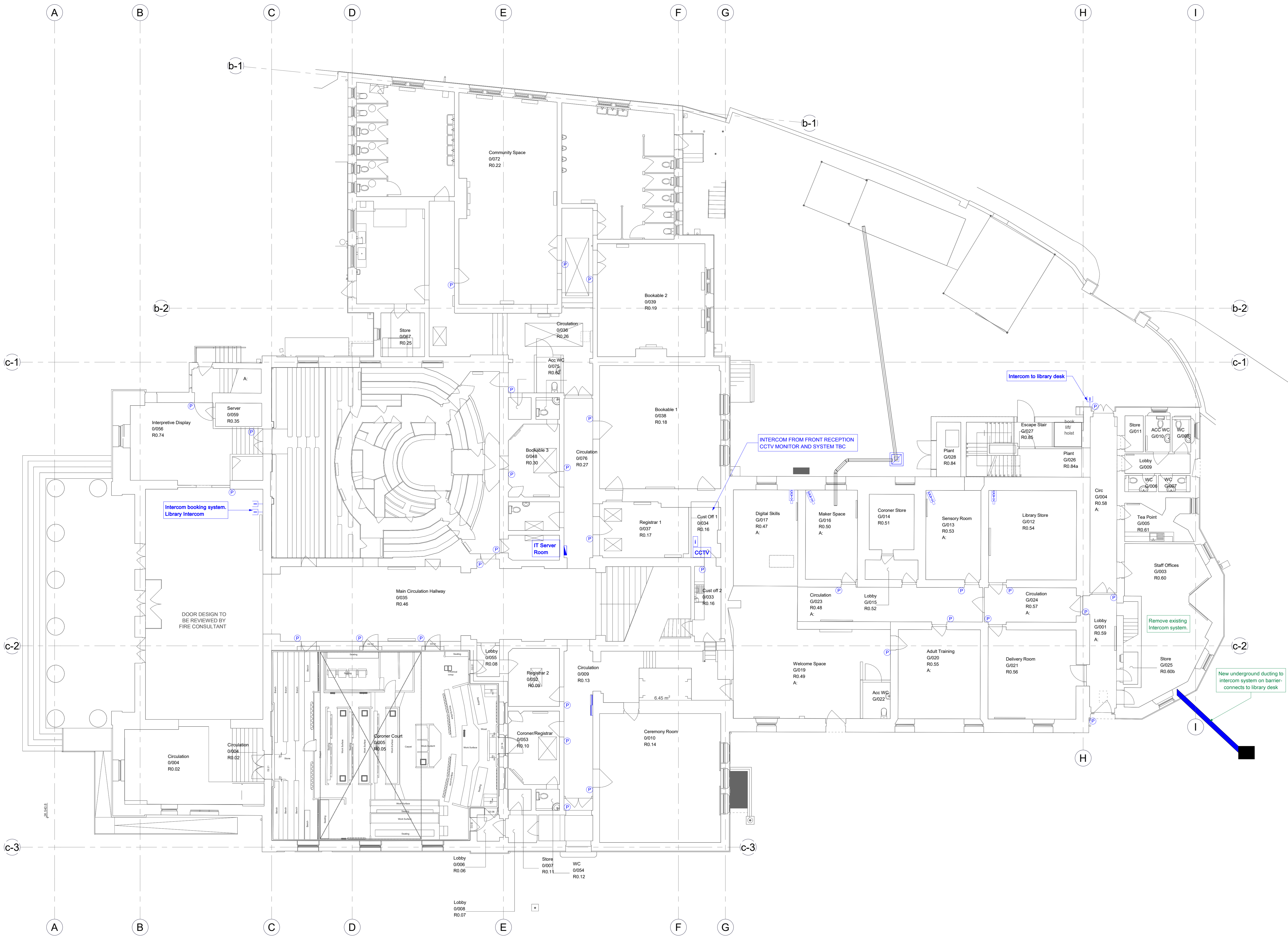
Alpha House
100 Borough High Street
London SE1 1NH
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk

Project:
SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT

Ground Floor Proposed - Lighting Layout

Assigned	Drawn	Checked		Passed	Date	Size
		Quality	Design			
		SG	NC			
NC	SG			PR Eng	17.07.2024	AD
						Scale As indicated.
Drawing Status : For Information						
Project Number	Division	Service	Drawing Number		Revision	
213002	E	E	4GF-L		C	

Ground Lvl Proposed - Security Layout
1 : 100



Revisions:			
Rev	Description	Date	By
A	Issued For Information	23.07.2024	SG
B	Issued For Information	11.09.2024	SG

Standard Electrical Notes:
This drawing only shows the electrical installation requirements.
The subcontractor must consult the other drawings relevant to this section of the project to ensure that in doing the work it will comply with the overall requirements of the overall design as shown on the architect's drawings and that it will not obstruct the fitting or future maintenance of other services.
The subcontractor is responsible with the main contractor for correct field dimensions, clearance and heights, quantities, fabrication processes and techniques of construction, co-ordination of his work with that of all other trades and for providing all devices necessary for safe and satisfactory operation.

- Legend:**
- Existing IT Cabinet
 - TPN supply to nearest local DB
 - Fire Alarm Interface
 - PAXTON DOR ENTRY SYSTEM COMPLETE WITH CARD READERS,BREAK GLASS UNITS AND ELECTROMAGNETIC LOCKS- 230V LOCAL POWER SUPPLY ON RADIAL CIRCUIT FROM NEAREST LOCAL DB.
 - WALL MOUNTED CAMERA
 - INTERCOM
 - CCTV MONITOR

RIBA Stage 3
Submission



This drawing is based on Architects drawing No:

SPOORMAKER & PARTNERS, UK.
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1HR
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk
www.spoomaker.co.uk

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Project:
**SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT**

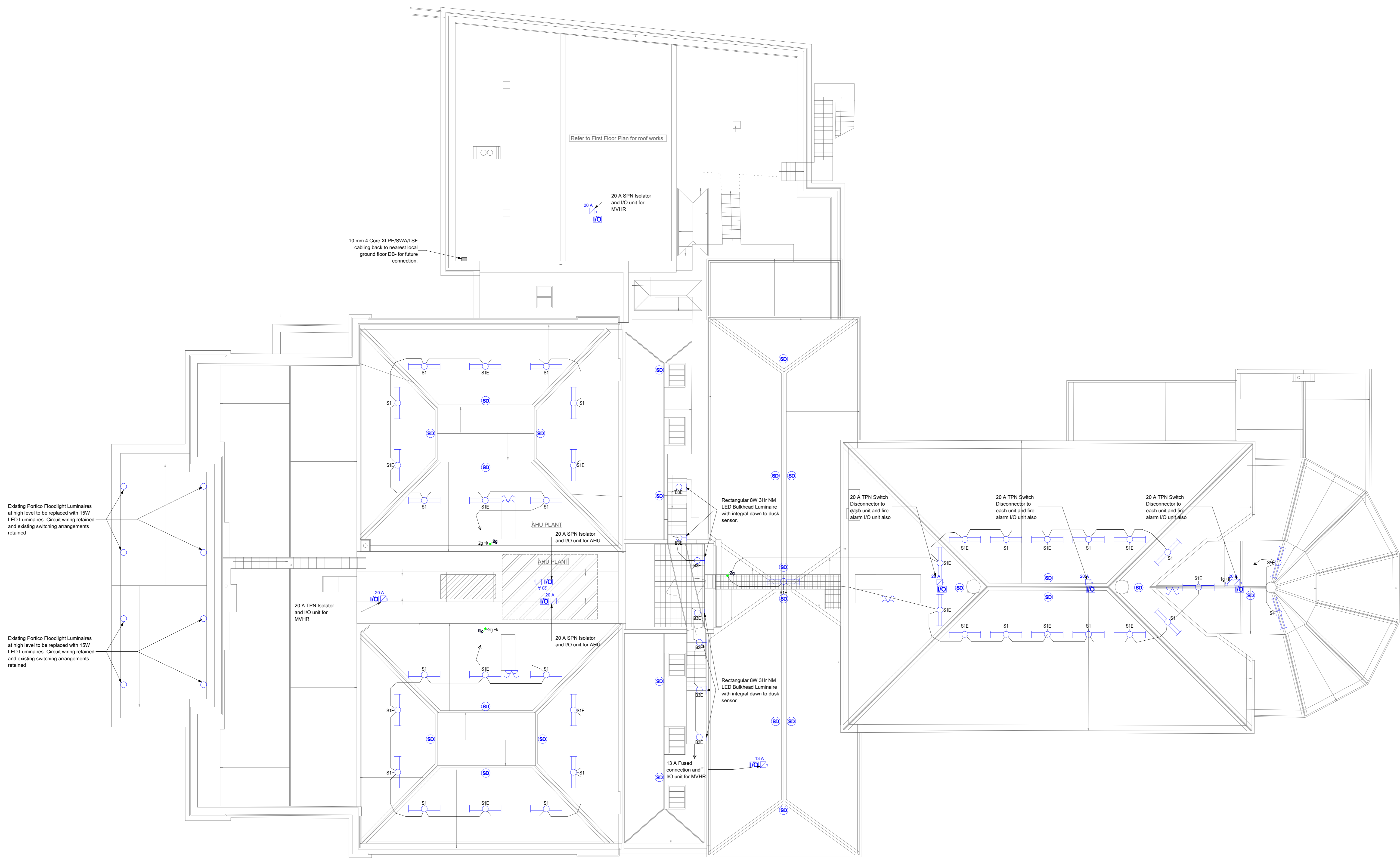
Drawing Title:
**Ground Floor Proposed -
Security Layout**

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	A4
		SG	NC	NC	17.07.2024
					Scale
					As indicated
Drawing Status For Information					
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	4GF-S	B	

Please refer to Electrical Scope
of Works drawing reference
213002-E-E-001

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11/09/2024 10:15:02

Roof Layout - Electrical Services layout
1 : 100



- Legend:**
- Smoke detector surface mounted
 - Heat detector surface mounted
 - Existing 13A Twin socket outlet mounted at 300mm AFFL or at height as indicated or on power skirting
 - Red break glass unit in 100mm x 100mm outlet box at 1200mm AFFL or at height as indicated
 - Earth Rod
- Notes**
1. All existing smoke detector cabling to be retained. All existing smoke detector heads to be replaced with new. New smoke detectors and break glass units to be installed where indicated.
- ALL EXISTING SMALL POWER SERVICES TO BE REWIRED TO ORIGINAL POSITIONS UNLESS NOTED OTHERWISE ON DRAWING**

Revisions:			
Rev	Description	Date	By
A	Issued For Information	11.09.2024	SG

Standard Mechanical Notes:

This drawing shall not be used as a construction/operation drawing.

Routes and zones have been allocated to this service, locations dimensions are indicated of these.

To prepare his construction/ installation drawing, the (sub) contractor shall adhere to the co-ordination principle and shall respect all the architect's drawings, including structural and other services design drawings pertaining to the works. The (sub) contractor shall acquiesce him/herself with the general arrangement of all other services and ensure that in doing his/her work it shall not obstruct the living of future maintenance of other services.

The (sub) contractor shall be responsible for the correct feed dimensions, clearances and heights, quantities, installation processes and techniques of construction co-ordination of his/her work with that of all other trades, providing all devices necessary for safe and satisfactory operation.

- Legend:**
- 12W LED IP54 bulkhead - emergency type
 - 18W LED Bulkhead emergency luminaire
 - 18W Compact LED fitting anti ligature luminaire
 - 300mm diameter architectural pendant chandelier - Chairman's Room
 - 450mm surface mounted luminaire
 - wall mounted LED light fitting
 - large 3 limbed architectural pendant luminaire
 - uplighting luminaire
 - 5 limbed luminaires may be of historical importance- LED Lamps to be installed.
 - Surface mounted LED anti ligature luminaire
 - Compact LED luminaire
 - 1800mm Double LED Batten surface mounted
 - 1500mm Double LED Batten surface mounted
 - 1200mm Double LED Batten surface mounted
 - 1200mm Double tube LED Batten surface mounted
 - 1200mm Double tube anti ligature type LED Batten surface mounted
 - 1500mm LUDR LED batten luminaire in Boiler House
 - 1800mm LUDR LED batten luminaire in Boiler House
 - Emergency exit bulkhead luminaire LED
 - Decorative pendant with LED lamps
 - "Frog eye" emergency luminaire LED
 - 600mm x 600mm Recessed mounted LED fitting
 - 600mm x 600mm Recessed mounted emergency LED fitting
 - LED Emergency downlight
 - Downlight luminaire - LED - size varies
 - New UFO 150W LED luminaires in Library (HB1)
 - New UFO 250W LED luminaires in Library (HB2)
 - LED Emergency way finding sign LED 3H-NM
 - Denotes Emergency Version of Luminaire
 - Existing IT Cabinet
 - TPN supply to nearest local DB
 - Fire Alarm Interface
 - WALL MOUNTED CAMERA
 - INTERROOM
 - CCTV MONITOR
 - Data outlet mounted at 300mm AFFL or on power skirting as indicated
 - Wi-Fi outlet mounted in ceiling void



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UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1NH

Tel: +44 20 3960 7513
drawing@spoomaker.co.uk

www.spoomaker.co.za

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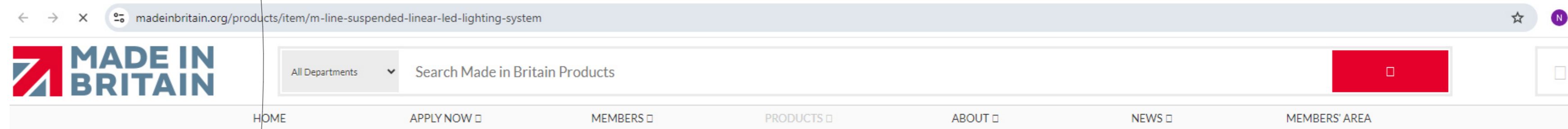
Project:
**SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT**

Drawing Title:
Roof Electrical Services layout

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	AD
		SG	NC	NC	2024.08.30
					Scale
					1: 100
Drawing Status For Information					
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	4RF	A	

**RIBA Stage 3
Submission**

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15/07/2024 10:58:47



Lighting Proposal - For Indicative purposes only
Subject to Further appendix report / detail to be produced subsequently. Colour change RGB LED variant to be installed.

Product Buying Options

M-Line Suspended Linear LED Lighting System
Call our Sales Line on **01582 369 005**

Product Capacity: Lead time - 2-3 weeks from order to delivery.

Additional Sales Information: Call one of our technical experts now on 01582 369 005 or email sales@mountlighting.co.uk quoting 'Made in Britain'.

Product Description

The innovative and hugely popular **M-Line LED Lighting System** is the perfect solution for architectural lighting and contemporary commercial projects. That's why M-Line Lighting is available in a choice of aluminium profiles, colours, controls, mounting options and continuous lengths.

For simple, clean runs of light that fully illuminate office and commercial spaces to ensure good illumination, our **M-Line suspended lighting systems** are available in standard lengths up to 2824mm. Custom lengths for continuous lighting systems are available to order and bespoke geometric shaped feature lights with fully illuminated corners can be created upon client's request.

The suspension is made simple using a single point ceiling bracket with 2m adjustable stainless steel wire system. For additional spreads of light or to create bold focal points, up-lighting is available on lengths from 584mm upwards.

No matter the application, the **suspended M-Line system** will provide high lumen output and bright illumination wherever it is used. This clean, refined luminaire option will ensure that any application made suitable suitable as well as cost-effective, because of its standard

Please refer to Electrical Scope of Works drawing reference 213002-E-E-001

Revisions:			
Rev	Description	Date	By
A	Issued For Information	15.07.2024	SG
B	Issued For Information	17.09.2024	SG
C	Issued For Information	19.09.2024	SG

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- Legend:**
- Existing 12W LED IP54 bulkhead - emergency type retained
 - 18W Bulkhead emergency luminaire
 - 18W Compact LED fitting and ligature luminaire
 - 300mm diameter architectural pendant chandelier - Chairman's Room
 - 450mm surface mounted luminaire
 - wall mounted LED light fitting
 - LED Painting Operated LED footlight -20W
 - LED Painting luminaires at high level
 - large 3 limbed architectural pendant luminaire
 - uplighting luminaire
 - 5 limbed luminaires may be of historical importance - LED Lamps to be installed
 - Surface mounted LED anti ligature luminaire
 - Compact LED luminaire
 - 1800mm Double LED Batten surface mounted
 - 1500mm Double LED Batten surface mounted
 - 1200mm Double LED Batten surface mounted
 - 1200mm Double tube LED Batten surface mounted
 - 1200mm Double tube anti ligature type LED Batten surface mounted
 - 1500mm LUOR LED batten luminaire in Boiler House
 - 1800mm LUOR LED batten luminaire in Boiler House
 - Emergency exit bulkhead luminaire LED
 - Decorative pendant with LED lamps
 - "Frog eye" emergency luminaire LED
 - 600mm x 600mm Recessed mounted LED fitting
 - Existing Pinstrip LED Luminaire (150mm x 150mm) in Library area - retained
 - LED Emergency downlight
 - Downlight luminaire - LED - size varies
 - 6 W pin spot LED luminaire - Ceiling mounted
 - New UFO 150W LED luminaires
 - New UFO 250W LED luminaires
 - LED Emergency way finding sign LED 3H NM
 - Denotes Emergency Version of Luminaire
 - PIR
 - Ceiling mounted occupancy sensor

RIBA Stage 3 Submission



This drawing is based on Architects drawing No:

SPOORMAKER & PARTNERS, UK.
MECHANICAL ELECTRICAL CONSULTING ENGINEERS

UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1NH
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk
www.spoomaker.co.za

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Project:
SHIRE HALL, HEREFORD REFURBISHMENT PROJECT

Drawing Title:
First Floor Proposed - Lighting Layout

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	A4
NC	SG	SG	NC	17.07.2024	Scale As indicated
For Information					
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	401-L	C	

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16/07/2024 16:44:02

First Lvl Proposed - Security Layout
1:100



Revisions:

Rev	Description	Date	By
A	Issued For Information	15.07.2024	SG
B	Issued for Information	16.09.2024	SG

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Legend:

- (P) - PAXTON DOR ENTRY SYSTEM COMPLETE WITH CARD READERS/BREAK GLASS UNITS AND ELECTROMAGNETIC LOCKS- 230V LOCAL POWER SUPPLY ON RADIAL CIRCUIT FROM NEAREST LOCAL DB.
- (CCTV) - WALL MOUNTED CAMERA
- (I) - INTERCOM
- (CCTV) - CCTV MONITOR

RIBA Stage 3
Submission

Architects Logo:



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UNITED KINGDOM
Alpha House
100 Borough High Street
London SE1 1NH
Tel: +44 20 3960 7513
drawing@spoomaker.co.uk
www.spoomaker.co.za

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Project:
**SHIRE HALL, HEREFORD
REFURBISHMENT
PROJECT**

Drawing Title:
**First Floor Proposed - Security
Layout**

Designed	Drawn	Checked	Passed	Date	Size
NC	SG	Quality	Design	PR Eng	A0
		SG	NC	17.07.2024	Scale
					As indicated
For Information					
Project Number	Division	Service	Drawing Number	Revision	
213002	E	E	401-S	B	

Please refer to Electrical Scope
of Works drawing reference
213002-E-E-001