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IMPORTANT: This building may contain asbestos. No building work should be carried out without first consulting the Asset Management Team (0191 424 7239) for further information.

NOTE

The electrical contractor is responsible for verification of dimensions on the site.
All work shall be carried out in accordance with STC Standard Specification and BS7671 18th edition.
The electrical contractor shall access the Asbestos Plan before any work is carried out.
The existing light fittings shall be replaced, point for point, with LED equivalent light fittings as indicated on the drawing.
Existing light fittings shall be disconnected and removed from site.
All final connections to equipment shall be carried out by the electrical contractor using suitably rated flex and klik ceiling roses.
Any necessary alterations to existing wiring shall be allowed for.
New additional light fittings shall be installed in locations as indicated on the drawings. These shall be wired onto the nearest existing lighting circuit using 1.5mm lsf tw&e cables run behind ceilings.
Automatic lighting control shall be installed in locations as indicated on the drawings; switch wiring for these shall be picked up and altered to facilitate the new controls.
The final positions of all ceiling track mounted spotlights shall be agreed on site with the Museum Management to suit the display layouts and the electrical contractor shall install these fittings in the positions requested.
Light Fittings shall be as per Principal Lighting quotation ref: CR/050423/SG/OFF.
Lighting control equipment shall be as per Phoenix Agencies quotation ref: 1084SG.
The electrical contractor shall ensure that all quotation quantities match the requirements of the drawings.
All quotations shall be most recent versions.
The electrical contractor shall order light fittings at the earliest opportunity after the contract is awarded to ensure delivery times to site.
All equipment shall be installed as per manufactures instructions.

All existing circuit breakers within the Museum`s existing distribution boards shall be upgraded and replaced with equivalent sized rcbo units. Sizes as identified in DB charts on the drawings.
These works shall require the isolation of the distribution boards which are being worked on and these will be carried out one at a time to limit the number of areas requiring isolation at any one time. Times and sequence of isolations shall be agreed on site with the Museum Management.
Full RAMS required.

NOTE
The Electrical Contractor shall ensure all fire barriers that are penetrated to allow the passage of new cabling are resealed to ensure their fire integrity is restored.

all cables shall be supported/fixed by metal supports/clips
plastic supports/clips will not be used.

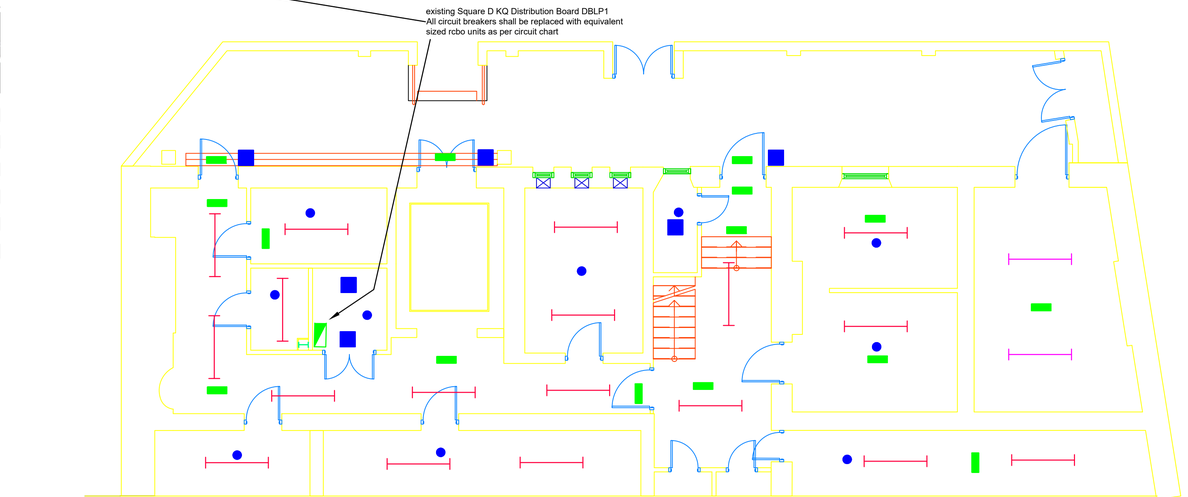
Existing Ceiling Track (to remain)
Existing Ceiling Track (to renew)
Surface 5ft LED Batten
Surface 4ft LED Batten
IP54 rated Bulkhead fitting
Slave Bulkhead Emergency fitting 50V AC/DC (SC=M3)
TPa Panel
1200mm Halo in white
LSP 31W white
240mm diameter downlight
PIR (Phoenix Agencies ref: LS3100RF)
PIR (Phoenix Agencies ref: LS3100RSM)

Circuit Chart
Board - DB PL/1

Lantei

ent Name	South Tyneside Council	Installation Name	South Shields Museum	Board Phase(s)	L1
cation of board	Mians Cupboard in the	Supplied from	11/L1 MSP	Nominal Voltage	230 V
ercurrent Device	60947-2 MCCB	Rating	63 A		
D Device	N/A	Rating	N/A mA	RCD No Of Poles	N/A

Phase	Circuit Name	Wiring type	Reference Method	No of points served	Circuit Conductor CSA		Maximum Disconnection time permitted by BS 7671	Overcurrent Protective Device					RCD Operating Current	Maximum Z permitted by BS7671
					Live (mm^2)	cpc (mm^2)	(s)	BS(EN)	AFDD	Type No	Rating (A)	Short Circuit Capacity (kA)	(mA)	(Ω)
L1	Lighting Basement Corridor	A	B	7	1.5	1.0	0.4	60898 MCB	NO	C	6	10	N/A	3.64
L1	Lighting Basement stores	A	B	5	1.5	1.0	0.4	60898 MCB	NO	C	6	10	N/A	3.64
L1	Lighting Meter Room /stores	A	B	4	1.5	1.0	0.4	60898 MCB	NO	C	6	10	N/A	3.64
L1	Lighting Basement/Cleaners	A	B	3	1.5	1.0	0.4	60898 MCB	NO	C	6	10	N/A	3.64
L1	Lighting Kitchen/Stores	A	B	4	1.5	1.0	0.4	60898 MCB	NO	C	6	10	N/A	3.64
L1	Ring Main Basement	A	B	4	2x2.5	2x1.5	0.4	61009 RCD/RCBO	NO	C	32	10	30	0.68
L1	Ring Main Basement	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	NO	C	32	10	30	0.68
L1	Water heater Cleaners	A	B	1	2.5	1.5	0.4	60898 MCB	NO	B	20	10	N/A	2.19
L1	CCTV	A	B	1	2.5	1.5	0.4	60898 MCB	NO	B	20	10	N/A	2.19
L1	Door Release	A	B	1	2.5	1.5	0.4	60898 MCB	NO	B	20	10	N/A	2.19
L1	Kitchen Ovens	E	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	NO	C	32	10	30	0.68
L1	Kitchen Hob	E	B	1	6	2.5	0.4	60898 MCB	NO	B	32	10	N/A	1.37



TENDER DRAWING

Rev	Date	Description	Chkd

South Tyneside Council
Chief Executive

Irene Lucas - Chief Executive
Town Hall & Civic Offices, Westoe Road, South Shields, Tyne & Wear, NE33 2RL
Telephone: (0191) 427 1717 Fax: (0191) 455 7770

Project: South Shields Museum and Art Gallery MEND

Drawing Title: Basement Floor Plan Proposed Electrical Installation

Drawn by	MS	Date	May 2023
Checked by	XX	Date	--/--/--
Scale	1:75	Size	A1

Project Code: AS 6878
Drawing Number: L(69)1