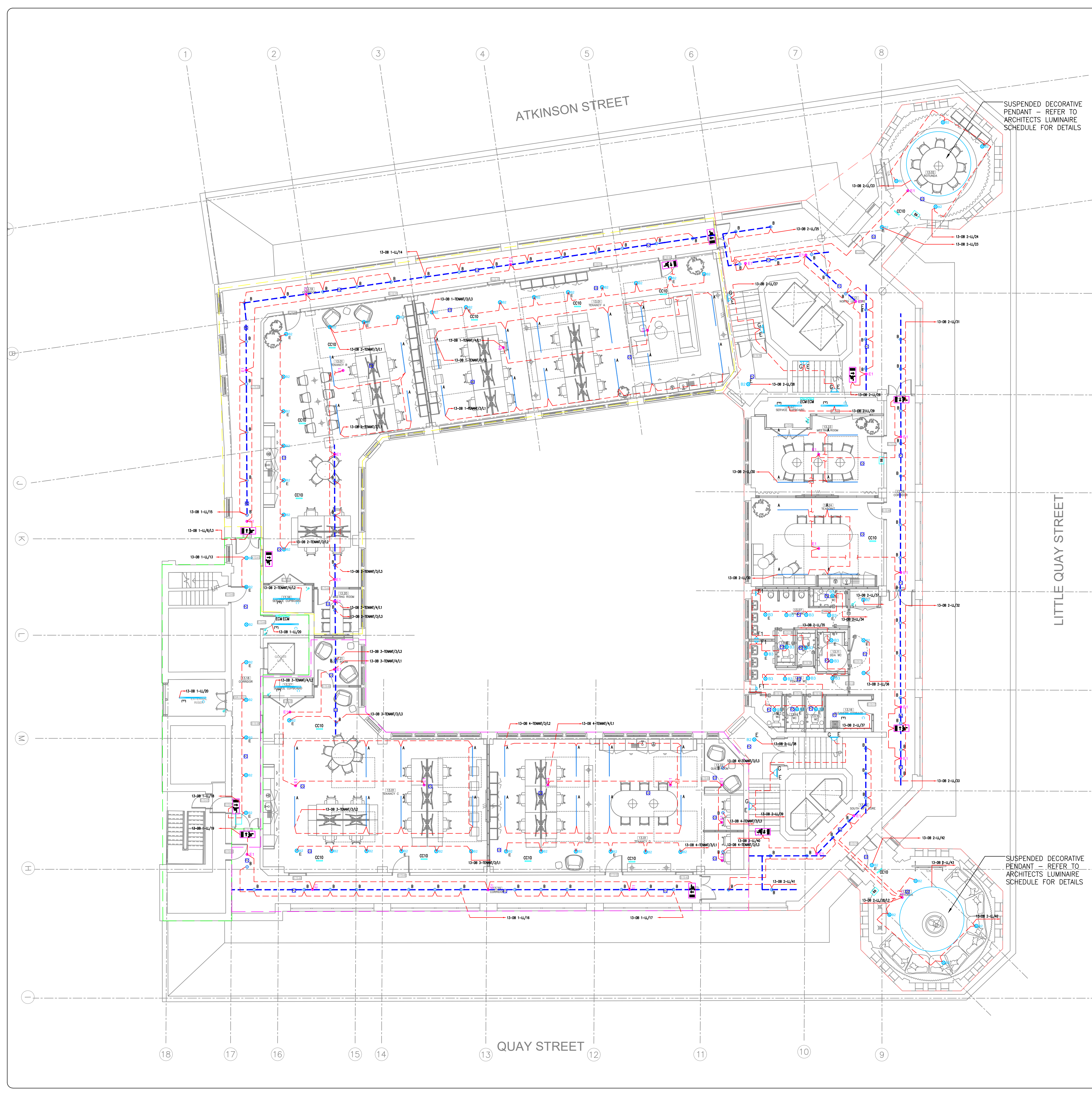




LIGHTING SCHEDULE

IMAGE	LEGEND	DESCRIPTION
	A	SUSPENDED LINEAR CONTINUOUS LED LUMINAIRE, WHITE FINISH, DIRECT/INDIRECT, MODIFIED 1800W/M VERSION, DALI DIMMABLE, AS PER ZUSS "SOPRANO" X 45 37W, OR SIMILAR APPROVED
	B	SURFACE MOUNTED DOWNLIGHTER, MODIFIED VERSION, DALI DIMMABLE, AS PER ZUSS "POTON SH" 14W, 1000W/M OR SIMILAR APPROVED
	B2	RECESSED DOWNLIGHT, 11W, DALI DIMMABLE, 137W/M E - DENOTES 3HR EMERGENCY AS PER ZUSS "GARGA CR", OR SIMILAR
	B3	WC RECESSED DOWNLIGHT, 10W, 112W/M E - DENOTES 3HR EMERGENCY
	C	SURFACE MOUNTED LINEAR TAMPER-PROOF POLYCARBONATE IP65 RATED LUMINAIRE, 23.2W, 1510mm (L) 4000lm LED 3000A, 1600W/M
	D1	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, LAMP MAX 12W, 3800lm, DIMMABLE AS PER MOOD "MAGNETIC" IN CONJUNCTION WITH D2 (ARCHITECTS LF-06)
	D2	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, SMALL MAX 12W, 3800lm, DIMMABLE TO BE INSTALLED AT ALTERNATING HEIGHTS IN CONJUNCTION WITH D1 (ARCHITECTS LF-05)
	F1	WC'S AND CORE - WALL MOUNTED CERAMIC RAW BRASS LUMINAIRE, DIMMABLE, 5W B15 LED LAMP 2700K AS PER SPARK & BELL "SALL CERAMIC WALL SCENE"
	F2	RECEPTION - VERTICAL WALL MOUNTED LUMINAIRE AS PER BERT FRANK "PAROL DOUBLE", LEFT & RIGHT DIMMABLE, MAX 12W, 3800lm, DALI DIMMABLE, TO BE INSTALLED AT CENTRELINE OF EXISTING COLUMNS TO HEIGHTS NOTED ON ELEVATIONS
	F3	RECEPTION - WALL LUMINE, CREAM WHITE SEMI MAT, BLACK BASE, MAX 10W, 810lm AS PER "STELLUS WALL LAMP" TO BE INSTALLED AT HEIGHTS NOTED ON ELEVATIONS. FITTINGS SETTING OUT TO BE BY ARCHITECT
	F4	RECEPTION / GROUND FLOOR - VERTICAL SINGLE WALL MOUNTED LUMINAIRE, MAX 12W, 3800lm, DALI DIMMABLE, BRONZE, OPAL GLASS TO BE INSTALLED AT CENTRELINE OF EXISTING COLUMNS TO HEIGHTS NOTED ON ELEVATIONS
	G	STAIRCASE LIGHTING AS PER EXISTING NOW, CONTRACTOR TO ALLOW FOR RE-WIRING / LED REPLACEMENT, REPLACE EXISTING FITTINGS WITH LIKE FOR LIKE NEW FITTINGS
	H	WALL MOUNTED OFFICE COLUMN LIGHTS AS PER CLUB "COSMA" WALL LIGHT, WALL MOUNTED, MAX 10W, 810lm, DIMMABLE TO BE INSTALLED AS PER ARCHITECT'S RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	J	RECEPTION - SUSPENDED LINEAR LED PENDANT, DIMMABLE, AS PER SANTA AND COLE "LUNA 185", BLACK FINISH, SUSPENDED, 54W, 1450lm, DALI DIMMABLE TO BE INSTALLED AS PER ARCHITECT'S RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	K	CEILING MOUNTED ADJUSTABLE LED SPOTLIGHT AS PER A. ALDINI & CO SPOT SMALL CEILING LIGHT, CEILING FITTING, 54W, 1450lm, DIMMABLE TO BE INSTALLED AS PER ARCHITECT'S RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	E1	SURFACE MOUNTED (ON TRAY) 3HR MAINTAINED 3HR EMERGENCY SPOTLIGHT, 1700m, OPEN PLAN VERSION
	E	SURFACE MOUNTED 3HR MAINTAINED EXIT SIGNAGE, AS PER THORN "VANGUARD PLAC 2 WIPR MAT E20 8W" OR SIMILAR, SELF TEST, STAINLESS STEEL BODY WITH ACRYLIC LENS, BRUSHED BRASS FINISH
	E1	E DENOTES NON-MAINTAINED EMERGENCY 3HR CONVERSION FITTING WITH BATTERY PACK
	E1	EMERGENCY MAINTAINED WEATHERPROOF RECTANGULAR BULKHEAD WITH OPAL OPTICSE, COMBINED OPERATION TO ALLOW MANUAL SWITCHING
	E1	PHOTOCELL SENSOR
	E1	PRESENCE DETECTOR
	E1	COMBINED PRESENCE & PHOTOCELL DETECTOR (ONLY MULTI-SENSOR - SURFACE MOUNTED)
	E1	ONE WAY LIGHTSWITCH, N - NUMBER OF GANGS
	E1	TWO WAY LIGHT SWITCH
	E1	INTERMEDIATE LIGHT SWITCH
	E1	PULLCORD LIGHT SWITCH
	E1	KEYSWITCH
	E1	DIMMER SWITCH
	E1	SCENE SETTING PLATE
	ECM	DALI HARD WIRE ETHERNET/ANAL CONNECTIVITY MODULE (ECM) MOUNTED WITH RISER TO PROVIDE DALI COMMUNICATIONS AND ETHERNET ROUTING CAPABILITY TO THE LUMINAIRES
	CC10	USING POWER WIRELESS ETHERNET POWER SUPPLY AND DALI NETWORK CONNECTION TO DALI SUPPORTED LUMINAIRES AND LIGHTING CONTROL, DALI (A-B) CABLE (CABLE LINE) IS SUPPLIED, DALI TO BE OWNED, CONNECTED TO OTHER LANE ON SAME CIRCUIT VIA A WIRE TO FUTURE NETWORKING CABLE, DALI CABLE IS SUPPLIED WITH WIRE OUTPUT PLUGS TO BE CABLED ON SITE AND EACH CC10 WILL PROVIDE 100 BASE TPO FOR FUTURE EXPANSION
	E1	LIGHT TRACK

FINAL LIGHTING POSITIONS TO BE CO-ORDINATED BY ARCHITECT

Notes:

- This drawing is subject to copyright and is not to be reproduced in part or whole without approval.
- Do not scale this drawing - check all dimensions on site.
- This drawing shall be read in conjunction with the project specification(s) and all other contract documentation.
- All dimensions are in millimetres unless otherwise stated.

DESIGN NOTES

- THE CONTRACTOR WILL BE RESPONSIBLE FOR DEVELOPING THE DESIGN AS PART OF A DESIGN & BUILD CONTRACT TO PROVIDE A COMPLETE SYSTEM TO COVER ALL AREAS OF THE DEVELOPMENT, COORDINATING AND AGREEING THE LOCATIONS OF ALL EQUIPMENT ETC WITH THE PROJECT ARCHITECT.
- THIS DRAWING IS PART OF A TENDER PACKAGE FOR A DESIGN AND BUILD CONTRACT. INFORMATION ON THE DRAWING IS PROVIDED WITHOUT PREJUDICE AND DOES NOT ABSOLVE THE CONTRACTOR FROM HIS DESIGN DUTIES AND RESPONSIBILITY.
- ELECTRICAL SERVICES CONTRACTOR TO LIAISE WITH MECHANICAL SERVICES CONTRACTOR TO ENSURE FULL CO-ORDINATION OF SERVICES.
- THE EXACT POSITION OF ALL SERVICES AND EQUIPMENT SHALL BE AGREED BY THE CONTRACT ADMINISTRATOR AND SHALL BE SET OUT OFF INTERIOR DESIGNERS LAYOUT DRAWINGS.
- ALL EQUIPMENT TO BE FULLY CO-ORDINATED BY ELECTRICAL CONTRACTOR.
- TO AVOID ACOUSTIC ISSUES, WHERE PRACTICAL NO OUTLETS SHALL NOT BE PLACED BACK TO BACK.
- THE ELECTRICAL SERVICES CONTRACTOR SHALL LIAISE CLOSELY WITH THE PROJECT INTERIOR DESIGNER/ARCHITECT TO ENSURE ALL CO-ORDINATION OF DECORATIVE ELEMENTS ARE PROVIDED, PRIOR TO ANY 1ST FIX IS CARRIED OUT.
- ALL LIGHTING AND SMALL POWER CABLEING WILL BE CARRIED OUT USING 62428 FLAT MULTICORE (TWIN AND EARTH) CU/USF CABLE. THE INSTALLATION WILL BE FLUSH WITH CABLES ROUTED WITHIN THE BUILDING FABRIC. MECHANICAL PROTECTION SHALL BE AFFORDED THROUGHOUT AND WHERE PRACTICAL CONDUTS AND CABLE WAYS SHALL BE PROVIDED TO ENSURE FUTURE RE-WIRE PROVISION. CABLEING SHALL GENERALLY BE AS FOLLOWS:

LIGHTING CIRCUITS 1.5MM²
RING MAIN CIRCUITS 2.5MM²
(MAX 10NO TWIN SOCKETS)
RADIAL CIRCUITS 4.0MM²
(MAX 6NO TWIN SWITCHED SOCKETS)
COOKER CIRCUITS 6.0MM²
- MOUNTING HEIGHTS ARE TO BE TAKEN OFF THE TYPICAL MOUNTING HEIGHT SCHEDULE TO CONFORM WITH APPROVED DOCUMENT PART M
- LIGHTING CONTROL SYSTEM SHALL BE PART OF AN ADDRESSABLE SITE WIDE LIGHTING CONTROL SYSTEM CONTROLLED VIA A CENTRAL PC WITHIN THE MANAGEMENT OFFICE.
- CONTACT MATHEW RUTHERFORD FOR DETAILS OF SOPRANO LIGHT FITTING.
EMAIL: MR@OZMIUM.CO.UK
- CEILING MOUNTED ITEMS WITHIN EXPOSED OFFICE SPACES TO BE INSTALLED ON THE GALVANISED TRAY / CHANNEL SYSTEM ON THE CEILING BEAM LINE, OR ON CONDUIT. CONTRACTOR SHALL LIAISE WITH THE ARCHITECT PRIOR TO ANY INSTALLATION TAKING PLACE FOR EXACT CO-ORDINATION.
- ALL TENANT AREAS SHALL INCLUDE DAYLIGHT LINKED DIMMING.

T3	14.09.23	STAGE 4 ISSUE	K.K
T2	08.09.23	REVIEW AND COMMENT	K.K
T1	31.05.23	STAGE 4 ISSUE	F.R
P1	03.04.23	STAGE 3 ISSUE	M.J

Rev: Date: Status/Amendments: By:

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KINRISE

Project:

SUNLIGHT HOUSE
MANCHESTER

Drawing Title:

ELECTRICAL SERVICES
13TH FLOOR
LIGHTING SERVICES
LAYOUT

Engineer:	Checked By:	Cad By:
E.S	M.J	G.M

Scale:	Paper Size:	Date Created:
1:100	A1	MAR 2023

Drawing Number:	Drawing Revision:
4084-KIN-XX-13-DR-E-6300	T3