



LIGHTING SCHEDULE

IMAGE	LEGEND	DESCRIPTION
	A	SUSPENDED LINEAR CONTINUOUS LED LUMINAIRE, WHITE FINISH, DIRECT/INDIRECT, MODIFIED 1600mm VERSION ONLY DIMMABLE, AS PER ZULS "SOPRANO" X 45 37W, OR SIMILAR APPROVED
	B	SURFACE MOUNTED DOWNLIGHTER, MODIFIED VERSION, ONLY DIMMABLE, AS PER ZULS "SOPRANO" 50" 14W, 1050mm/W OR SIMILAR APPROVED
	B2	RECESSED DOWNLIGHT, 11W, DALI DIMMABLE, 120mm/W
	B3	WC RECESSED DOWNLIGHT, 10W, 112mm/W
	C	SURFACE MOUNTED LINEAR TAMPER-PROOF POLYCARBONATE INSULATED LUMINAIRE, 235W, 1510mm (L) 4350mm LED 200mA, 164mm/W
	D1	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, LARGE, MAX 12W, 380mm, DIMMABLE AS PER MOOD "RESIDUALITY"
	D2	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, SMALL, MAX 12W, 380mm, DIMMABLE AS PER MOOD "RESIDUALITY"
	F1	WC'S AND CORE - WALL MOUNTED CERAMIC RAW BRASS LUMINAIRE, MAX 12W, 380mm, DIMMABLE AS PER SPARK & BELL "DUAL CERAMIC WALL SCENE"
	F2	RECEPTION - VERTICAL WALL MOUNTED LUMINAIRE, MAX 12W, 380mm, DIMMABLE AS PER SPARK & BELL "DUAL CERAMIC WALL SCENE"
	F3	RECEPTION - WALL LIGHT, CREAM WHITE SEMI MATT, BLACK BASE, MAX 10W, 810mm
	F4	RECEPTION - GROUND FLOOR - VERTICAL SINGLE WALL MOUNTED LUMINAIRE, MAX 12W, 380mm, DIMMABLE AS PER SPARK & BELL "DUAL CERAMIC WALL SCENE"
	G	STAIRCASE LIGHTING AS PER EXISTING NOM. CONTRACTOR TO ALLOW FOR RE-WIRING / LED REPLACEMENT, RECESSED PASTY FITTINGS WITH LIME FOR LIME NEW FITTINGS
	H	WALL MOUNTED OFFICE COLUMN LIGHTS AS PER GIB "DORIS" WALL LIGHT, WALL MOUNTED, MAX 8W, 470mm, DIMMABLE
	J	RECEPTION - SUSPENDED LINEAR LED PENDANT, DIMMABLE, AS PER SPARK & BELL "DUAL CERAMIC WALL SCENE"
	K	CEILING MOUNTED ADJUSTABLE LED SPOTLIGHT, MAX 12W, 380mm, DIMMABLE AS PER SPARK & BELL "DUAL CERAMIC WALL SCENE"
	E1	SURFACE MOUNTED (ON TRAY) 3W NON-MANTAINED 3W EMERGENCY SPOTLIGHT, 170mm, OPEN PLAN VERSION
	E	E DENOTES NON-MANTAINED EMERGENCY 3W CONVERSION FITTING WITH BATTERY PACK
	E1	EMERGENCY MANTAINED WEATHERPROOF RECTANGULAR BULKHEAD WITH OPAL DIFFUSER, COMBINED OPERATION TO ALLOW MANUAL SWITCHING
	E	PHOTOCELL SENSOR
	E	PRESENCE DETECTOR
	E	COMBINED PRESENCE & PHOTOCELL DETECTOR (DALI MULTI-SENSOR - SURFACE MOUNTED)
	E	ONE WAY LIGHTSWITCH, N - NUMBER OF GANGS
	E	TWO WAY LIGHT SWITCH
	E	INTERMEDIATE LIGHT SWITCH
	E	PULLCORD LIGHT SWITCH
	E	KEYSWITCH
	E	DIMMER SWITCH
	E	SCENE SETTING PLATE
	ECM	DATA AND VIDEO EQUIPMENT CONNECTION MODULE (BOM MOUNTED) WITH REAR TO PROVIDE DATA COMMUNICATIONS AND OTHER MOVING CONNECTION TO THE LUMINAIRE
	CC10	LIGHTING CONTROL MODULE (TUNABLE POWER SUPPLY AND DALI NETWORK CONNECTION) TO DALI SUPPLIED LUMINAIRE AND LIGHTING CONTROL DEVICES VIA 5-CORE SHIELDED CABLE (UP TO 8 OUTPUTS) LONG TO BE DIMMABLE INTERCONNECTING CABLE, ALL CC10 DEVICES SHALL BE SUPPLIED WITH WAREHOUSE PLUGS TO BE CABLED OR USE AND EACH CC10 WILL PROVIDE TWO SPARE PORTS FOR FUTURE EXPANSION
	E	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 specifications) 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 ASSUME 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 BEING CARRIED OUT.
 - ALL LIGHTING AND SMALL POWER CABLEING WILL BE CARRIED OUT USING 62428 FLAT MULTICORE (TWIN AND EARTH) CU/LSF CABLE. THE INSTALLATION WILL BE FLUSH WITH CABLES ROUTED WITHIN THE BUILDING FABRIC. MECHANICAL PROTECTION SHALL BE AFFORDED THROUGHOUT AND WHERE PRACTICAL CONDUITS 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 FITTINGS.
EMAIL: MR@OZZMIUM.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 REVIEW	K.K
T2	08.09.23	REVIEW AND COMMENT	K.K
T1	31.05.23	STAGE 4 ISSUE	F.R
P1	28.03.23	STAGE 3 ISSUE	M.J
Rev:	Date:	Status/Amendments:	By:

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Client:
KINRISE

Project:
**SUNLIGHT HOUSE
MANCHESTER**

Drawing Title:
**ELECTRICAL SERVICES
3RD FLOOR
LIGHTING SERVICES
LAYOUT**

Engineer: E.S	Checked By: M.J	Cad By: G.M
Scale: 1:100	Paper Size: A1	Date Created: MAR 2023
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