



LIGHTING SCHEDULE		
IMAGE	LEGEND	DESCRIPTION
	A	SUSPENDED LINEAR CONTINUOUS LED LUMINAIRE, WHITE FINISH, DIRECT/INDIRECT, MODIFIED 1600mm/W VERSION, DALI DIMMABLE, AS PER ZULS "SOPRANO" X 45 37W, OR SIMILAR APPROVED
	B	SURFACE MOUNTED DOWNLIGHTER, MODIFIED VERSION, DALI DIMMABLE, AS PER ZULS "POTTER SM" 14W, 105mm/W OR SIMILAR APPROVED
	B2	RECESSED DOWNLIGHT, 11W, DALI DIMMABLE, 137mm/W, E - DENOTES 3W EMERGENCY AS PER ZULS "SARCA Q", OR SIMILAR
	B3	WC RECESSED DOWNLIGHT, 10W, 112mm/W, E - DENOTES 3W EMERGENCY
	C	SURFACE MOUNTED LINEAR TAPER-PROOF POLYCARBONATE FIXED RATED LUMINAIRE, 232W, 1510mm (L) 4350lm LED 200mA, 164lm/W
	D1	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, LAMPS MAX 12W, 285mm, DIMMABLE, AS PER MOON "MESMATIC" TO BE INSTALLED AT ALTERNATING HEIGHTS IN CONJUNCTION WITH D2 (ARCHITECTS UF-05)
	D2	RECEPTION - SUSPENDED DECORATIVE PENDANT LUMINAIRE, LAMPS MAX 12W, 285mm, DIMMABLE, AS PER MOON "MESMATIC" TO BE INSTALLED AT ALTERNATING HEIGHTS IN CONJUNCTION WITH D1 (ARCHITECTS UF-05)
	F1	WCs AND CORE - WALL MOUNTED CERAMIC RAW BRASS 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, CABLING SHALL GENERALLY BE AS FOLLOWS: LIGHTING CIRCUITS 1.5MM ² RING MAIN CIRCUITS 2.5MM ² (MAX 10NO TWIN SOCKETS) RADIAL CIRCUITS 4.0MM ² (MAX AND TWIN SWITCHED SOCKETS) COOKER CIRCUITS 6.0MM ²
	F2	RECEPTION - VERTICAL WALL MOUNTED LUMINAIRE, AS PER BEST FRAME "TRAND, DOUBLE", LEFT - RIGHT DIMMABLE, MAX 12W, BRONZE, OPAL GLASS TO BE INSTALLED AT CENTRELINE OF EXISTING COLUMNS TO HEIGHTS NOTED ON ELEVATIONS.
	F3	RECEPTION - WALL LIGHT, CREAM WHITE SEMI MATT, BLACK BACK, MAX 14W, AS PER QUIET "SATELLITE WALL LAMP" AS PER BEST FRAME "TRAND, SINGLE", DIMMABLE, FITTINGS SETTING OUT TO BE BY ARCHITECT.
	F4	RECEPTION / GROUND FLOOR - VERTICAL SINGLE WALL MOUNTED LUMINAIRE, MAX 12W, AS PER BEST FRAME "TRAND, SINGLE", DIMMABLE, BRONZE, OPAL GLASS TO BE INSTALLED AT CENTRELINE OF EXISTING COLUMNS TO HEIGHTS NOTED ON ELEVATIONS.
	G	STAIRCASE LIGHTING AS PER EXISTING FROM CONTRACTOR TO ALLOW FOR RE-WIRING / LED REPLACEMENT, REPLACE FAULTY FITTINGS WITH LIKE FOR LIKE NEW FITTINGS
	H	WALL MOUNTED OFFICE COLUMN LIGHTS, AS PER QUIET "SATELLITE WALL LAMP", WALL MOUNTED, MAX 6W, 470nm, DIMMABLE TO BE INSTALLED AS PER ARCHITECTS' RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	J	RECEPTION - SUSPENDED LINEAR LED PENDANT, DIMMABLE, AS PER SANTA AND COLE "LUMINA 185", BLACK FINISH, SUSPENDED, 54W, 1440mm, DIMMABLE TO BE INSTALLED AS PER ARCHITECTS' RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	K	CEILING MOUNTED ADJUSTABLE LED SPOTLIGHT, AS PER J. ROBERT & CO. SPOT SINGLE CEILING LIGHT, CEILING FIXED, 23W, 290mm, DIMMABLE TO BE INSTALLED AS PER ARCHITECTS' RCP, CLIENT TO CONFIRM QTY PRIOR TO PURCHASE AND INSTALLATION
	E1	SURFACE MOUNTED (ON 100V) 3W NON-MAINTAINED 3W EMERGENCY SPOTLIGHT, 170mm, OPEN PLAN VERSION
	E	SURFACE MOUNTED 3W MAINTAINED EXIT SIGNAGE, AS PER THORN "VOYAGER BLADE 2 MICRO ANT E3D WH" OR SIMILAR, SELF TEST, STAINLESS STEEL BODY WITH ACRYLIC LEGEND, BRONZED BRASS FINISH E1 DENOTES NON-MAINTAINED EMERGENCY 3W CONVERSION FITTING WITH BATTERY PACK EMERGENCY MAINTAINED WEATHERPROOF RECTANGULAR BACKLASH WITH OPAL OPTIC, COMBINED OPERATION TO ALLOW MANUAL SWITCHING.
	ES	PHOTOCELL SENSOR
	ED	PRESENCE DETECTOR
	EDS	COMBINED PRESENCE & PHOTOCELL DETECTOR (DALI MULTI-SENSOR - SURFACE MOUNTED)
	SW1	ONE WAY LIGHTSWITCH, N - NUMBER OF GANGS
	SW2	TWO WAY LIGHT SWITCH
	SW3	INTERMEDIATE LIGHT SWITCH
	SW4	PULLCORD LIGHT SWITCH
	SW5	KEYSWITCH
	SW6	DIMMER SWITCH
	SS	SCENE SETTING PLATE
	ECM	DALI HARD WIRED THERMOSTAT CONNECTIVITY MODULE (SCM MOUNTED WITHIN REIR TO PROVIDE DALI COMMANDS AND THERMAL FEEDBACK CAPABILITY TO THE LUMINAIRE)
	CC10	LIGHTING CONTROL MODULE ENABLING POWER SUPPLY AND DATA NETWORK CONNECTION TO DALI SUPPORTED LUMINAIRE AND LIGHTING CONTROL DEVICES VIA A-CORE STARTER LEADS (CUPS & OUTPUTS LEADS TO BE CONNECTED TO OTHER LINES OR SAME CIRCUIT OR A RACE TO FINAL INTERCONNECTING CABLE, ALL CC10 ROUTES WILL BE SUPPLIED WITH AKE OUTPUT PLUGS TO BE CABLED BY DSP AND EACH CC10 WILL PROVIDE TWO SPARE PORTS FOR FUTURE EXPANSION.
	LT	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 ASSOLVE 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 BE CARRIED OUT.
- ALL LIGHTING AND SMALL POWER CABLING 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. CABLING SHALL GENERALLY BE AS FOLLOWS:

LIGHTING CIRCUITS 1.5MM²
RING MAIN CIRCUITS 2.5MM²
(MAX 10NO TWIN SOCKETS)
RADIAL CIRCUITS 4.0MM²
(MAX AND 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@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 ISSUE	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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KINGS

Client:

KINRISE

Project:

SUNLIGHT HOUSE
MANCHESTER

Drawing Title:

ELECTRICAL SERVICES
11TH 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-11-DR-E-6300	T3	