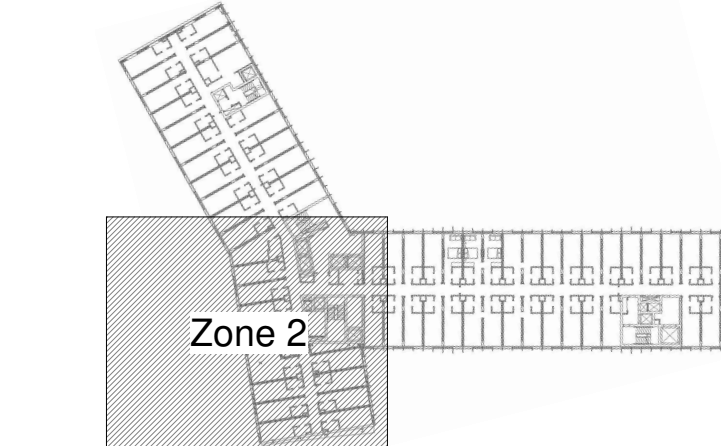


Risk Register Reference	Hazard Description	Hazard Colour		Severity	Risk Rating	Risk Active at Approval	Risk Active at Construction
		Red - Major (Seek Advice)	Green - Caution				
SCALE	LEVEL OF RISK	SCALE	CONSEQUENCE	SCALE	UNDESIRABLE	SCALE	UNDESIRABLE
1	VERY LOW	1	VERY LOW	1	VERY LOW	1	VERY LOW
2	LOW	2	LOW	2	LOW	2	LOW
3	Moderate	3	Moderate	3	Moderate	3	Moderate
4	High	4	High	4	High	4	High
5	Very High	5	Very High	5	Very High	5	Very High
6	Extremely High	6	Extremely High	6	Extremely High	6	Extremely High
7	Catastrophic	7	Catastrophic	7	Catastrophic	7	Catastrophic
8	Unacceptable	8	Unacceptable	8	Unacceptable	8	Unacceptable
9	Unacceptable	9	Unacceptable	9	Unacceptable	9	Unacceptable
10	Unacceptable	10	Unacceptable	10	Unacceptable	10	Unacceptable
11	Unacceptable	11	Unacceptable	11	Unacceptable	11	Unacceptable
12	Unacceptable	12	Unacceptable	12	Unacceptable	12	Unacceptable
13	Unacceptable	13	Unacceptable	13	Unacceptable	13	Unacceptable
14	Unacceptable	14	Unacceptable	14	Unacceptable	14	Unacceptable
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99	Unacceptable	99	Unacceptable	99	Unacceptable	99	Unacceptable
100	Unacceptable	100	Unacceptable	100	Unacceptable	100	Unacceptable



- LIGHTING NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, ARCHITECTURAL & CONSULTANTS DRAWINGS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION & ASSOCIATED EQUIPMENT SCHEDULES.
 - DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE VERIFIED ON SITE.
 - THIS DRAWING SHALL ONLY BE USED FOR THE SPECIFIC SERVICES INDICATED.
 - ALL EQUIPMENT REQUIRED FOR THE SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
 - ENSURE ALL EQUIPMENT AND SYSTEMS ARE INSTALLED TO PROVIDE ELECTROMAGNETIC COMPATIBILITY WITHIN THE SYSTEMS AND WITH ANY OTHER SYSTEMS INSTALLED IN THE SAME LOCATION.
 - ALL EQUIPMENT LOCATED IN EXTERNAL OR WET AREAS SHALL BE SUITABLY IP RATED AND FIT FOR PURPOSE FOR THE ENVIRONMENT, MOUNTING POSITION AND ORIENTATION.
 - FINAL COORDINATION AND SETTING OUT OF ALL SERVICES IS TO BE COMPLETED.
 - PROVIDE LIGHTING TO MEET WITH THE DESIGN AND SPECIFICATION, INCLUDING ALL LAMP SELECTIONS, COLOUR TEMPERATURES AND COLOUR RENDERING PROPERTIES.
 - PROVIDE EMERGENCY LIGHTING THROUGHOUT INCLUDING ILLUMINATED LED EXIT SIGNAGE AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
 - THE COMPLETED INSTALLATION SHALL PROVIDE EMERGENCY EGRESS LIGHTING THROUGHOUT AND SHALL BE MAINTAINED FOR A MINIMUM OF THREE HOURS DURATION DURING A POWER FAILURE.
 - NUMBER AND LOCATION OF EXIT SIGNS TO BE CONFIRMED TO SUIT FINAL ARCHITECTURAL LAYOUTS AND FIRE ENGINEERS REQUIREMENTS.
 - ENSURE THAT THE EMERGENCY LIGHTING INSTALLATION PROVIDES ADEQUATE LUMINANCE AND UNIFORMITY IN EACH AREA TO CONFORM TO ALL RELEVANT BRITISH STANDARDS AND BUILDING REGULATIONS.
 - LIGHTING LEVELS, UNIFORMITY ETC. SHALL MEET WITH CIBSE LIGHTING GUIDES.
 - ENSURE THAT ALL CONTROL GEAR AND COMPONENTS OF THE SYSTEM ARE SUITABLE FOR LAMP TYPE, WATTAGE AND STARTING CHARACTERISTICS. OBTAIN FROM MANUFACTURERS WRITTEN CONFIRMATION OF COMPATIBILITY.
 - ALL LUMINAIRES SHALL BE SUPPLIED WITH PHOTOMETRIC DATA IN ACCORDANCE WITH EN 13032-1. ENSURE THAT LUMINAIRES OF SIMILAR TYPE ARE PROVIDED WITH SAME PHOTOMETRIC PERFORMANCE AS PUBLISHED DATA WITHIN THE TOLERANCES DEFINED BY EN 13032-1.
 - ALL LUMINAIRES SHALL BE SUPPLIED IN ACCORDANCE WITH EN 60598, WITH CLASSIFICATION TO EN 60598-1. ALL LUMINAIRES SHALL COMPLY WITH EN 61547 FOR EMC IMMUNITY.
 - ALL LUMINAIRES SHALL BE PROVIDED COMPLETE WITH LAMP/CONTROL GEAR AS SPECIFIED WITHIN THE LUMINAIRE SCHEDULES.
 - WHERE CONTROL GEAR IS REMOTE TO THE LUMINAIRE, LOCATE EQUIPMENT IN SEPARATE LOCKABLE CABINET OF SHEET STEEL WITH SAME DEGREE OF PROTECTION AND FINISH SPECIFIED FOR LUMINAIRE. COMPLY WITH MANUFACTURERS' RECOMMENDATIONS FOR MAXIMUM CABLE LENGTH BETWEEN GEAR AND LAMP.
 - ALL EMERGENCY LIGHTING LUMINAIRES SHALL COMPLY WITH BS 5266. ENSURE THAT ALL LUMINAIRES AS PART OF THE EMERGENCY LIGHTING INSTALLATION ARE MARKED WITH AN ICEL CERTIFICATION LABEL.
 - GOOD WORKMANSHIP BY COMPETENT PERSONS OR PERSONS UNDER THEIR SUPERVISION AND PROPER MATERIALS SHALL BE USED IN THE ERECTION OF THE ELECTRICAL INSTALLATION. ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OF THE EQUIPMENT.
 - LIGHTING CONTROL SHALL BE PROVIDED BY LIGHTING CONTROLS SYSTEMS TO ENABLE SCENE SETTING, DIMMING AND AUTOMATED CONTROL AS REQUIRED.
- NOTE: 'IESY' - DENOTES ESCAPED ROUTE OPTIC



KEY PLAN

DRAWING REFERENCES
THIS DRAWING HAS BEEN BASED ON INFORMATION TAKEN FROM THE FOLLOWING:-

POPULOUS ARCHITECTURAL MODEL:-
NSE-POP-HT-ZZ-M3-A-001000

BURD HAPPOLD STRUCTURAL MODEL:-
NSE-BHE-HT-ZZ-M3-S-001000

WILLIAM HARE STRUCTURE:-
NSE-WHL-NS-XXMR-X-000001

FK FASCODE:-
NSE-FKGHT-ZZ-M3-X-000001

NOTES

- ALL LEVELS ARE TAKEN FROM LEVEL:-
LEVEL 02 = 71650
LEVEL 03 = 71650
LEVEL 04 = 71650
- LEVELS OF SERVICES ARE TAKEN AS FOLLOWS:-
BOC --- BOTTOM OF CONTAINMENT
BOC --- BOTTOM OF DUCT
BOZ --- BOTTOM OF ZONE
CL --- CENTRE OF PIPE / DUCT
US --- UNDERSIDE OF EQUIPMENT
COH --- CENTRE OF HOLE
BOH --- BOTTOM OF HOLE

LIGHTING ABBREVIATIONS (REFER TO LUMINAIRE SCHEDULE FOR EXACT DETAILS)

CLL01	LIGHTFORMS PANEL 30120
CLL04	CHARA APRR W W + LES 27 14.50 D
CLL05	CHARA MIF 3-22118062-BB
REF-202	Muo V4 Trimless LED Downlight, Home LED
CE	THORN AQUAFORCE PRO / 96630794
C1E	THORN AQUAFORCE PRO / 96630794
DIE	THORN NOVALINE / NOVUS S 1900 830 DI HIFI WH
PIR	THORN NOVALINE / NOVUS S 1900 830 DI HIFI WH
EXIT	SPU 6-05 RECESSED
EMG03	ELP MOLUSA TOTALFP
	TRICONIC-EM R24 PRO NM 132
	1 GANG 1 WAY LIGHT SWITCH

002	13.04.25	REF-202 LIGHT FITTING OMITTED	TD	CE
001	19.02.25	ISSUED FOR CONSTRUCTION	TD	CE
003	11.11.24	ISSUED FOR REVIEW & COMMENT	TD	CE
002	02.10.24	STAGE 4 ISSUE	MEE	MEE
001	16.09.24	STAGE 4 ISSUE	MEE	MEE
Rev	Drawn	Description	Drawn By	Checked By
Scale				

Original Size
A0

Status
A5 - FOR AUTHORISATION AS STAGE COMPLETE



Project

MCFC

Title
**HOTEL BUILDING LIGHTING LAYOUT
LEVEL 02-04
ZONE 2**

Drawing No.
NSE-SEE-HT-ZZ-DR-E-632421

Revision
C02

SES (Engineering Services) Ltd

Think Park
Building Three
Mosley Road
Trafford Park
Manchester
M17 1FQ
(T) 0161 945 5589
(W) www.ses-td.co.uk

