

Risk Register	Risk Description	Hazard Colour (Red - Major (Seek Advice) Amber - Review Risk Assessment Green - Caution)	Severity	Risk Rating	Risk Active at Approval	Risk Active at Construction
				(1-5)	(1-5)	(Y/N)
		SCALE	CONSEQUENCE		SCALE	UNDESIRABLE
		VERY LOW	EXTREMELY LOW		VERY PROBABLE	
		LOW	ADVERSE MODERATE		HIGH	PROBABLE OR FREQUENT
		MODERATE	TYPICAL OR MODERATE		MODERATE	POSSIBLE
		LOW	BELOW MODERATE		LOW	UNLIKELY OR REMOTE
		VERY LOW	WELL BELOW MODERATE		VERY LOW	REMOTE
THIS RISK BOX IS FOR GUIDANCE ONLY THE CONTENT HAS BEEN PRODUCED BY THE SES TEAM. IT IS INTENTATIVE THAT THE READER OF THIS DOCUMENT REVIEWS ALL RANK 1 (RISK ASSESSMENTS) / TECHNICAL DOCUMENTATION & METHOD STATEMENTS BEFORE PROCEEDING.						
001	Working At Height To Install Services	AMBER	3	N	N	N
002	Slip, Trip & Falls	AMBER	2	1	N	N
003	Mechanical Isolations	AMBER	2	N	N	N
004	Electrical Isolations	AMBER	4	N	N	N



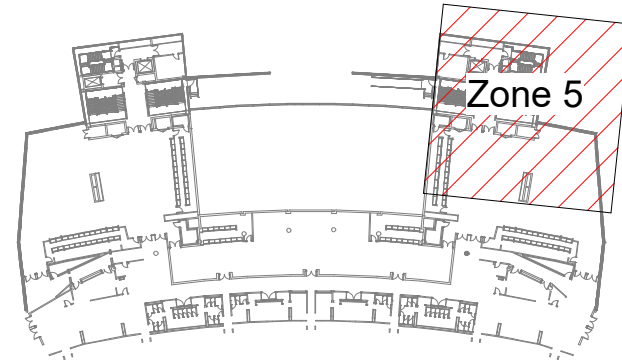
© THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE USED, COPIED OR DISCLOSED TO ANYONE WITHOUT PERMISSION OF SES (ENGINEERING SERVICES)

DO NOT SCALE OFF THIS DRAWING

DRAWING STAGE DEFINITIONS (BSRIA BG8/2014)

STAGE 2	CONCEPT
STAGE 3B	DEVELOPED DESIGN
STAGE 4A	TECHNICAL DESIGN
STAGE 4B	COORDINATED WORKING
STAGE 5	INSTALLATION DRAWING/RECORD

For full definitions refer to BSRIA BG6/2014 Table 1



KEY PLAN



CLIENT DIRECT FIT OUT - WHITEBOX AREAS

LIGHTING NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL, ARCHITECTURAL, & CONSULTANTS DRAWINGS.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION & ASSOCIATED EQUIPMENT SCHEDULES.
3. DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE VERIFIED ON SITE.
4. THIS DRAWING SHALL ONLY BE USED FOR THE SPECIFIC SERVICES INDICATED.
5. ALL EQUIPMENT REQUIRED FOR THE SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
6. ENSURE ALL EQUIPMENT AND SYSTEMS ARE INSTALLED TO PROVIDE ELECTROMAGNETIC COMPATIBILITY WITH THE SYSTEMS AND WITH ANY OTHER SYSTEMS INSTALLED IN THE SAME LOCATION.
7. ALL EQUIPMENT LOCATED IN EXTERNAL OR WET AREAS SHALL BE SUITABLY RATED AND FIT FOR PURPOSE FOR THE ENVIRONMENT, MOTION POSITION AND ORIENTATION.
8. FINAL COORDINATION AND SETTING OUT OF ALL SERVICES IS TO BE COMPLETED BY THE NOMINATED MEP CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE LIGHTING TO MEET WITH THE DESIGN AND SPECIFICATION, INCLUDING ALL LAMP SELECTIONS, COLOUR TEMPERATURES AND COLOUR RENDERING PROPERTIES.
10. THE CONTRACTOR SHALL PROVIDE EMERGENCY LIGHTING THROUGHOUT INCLUDING ILLUMINATED LED EXIT SIGNAGE AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
11. THE COMPLETED INSTALLATION SHALL PROVIDE EMERGENCY EGRESS LIGHTING THROUGHOUT AND SHALL BE MAINTAINED FOR A MINIMUM OF THREE HOURS DURATION DURING A POWER FAILURE.
12. NUMBER AND LOCATION OF EXIT SIGNS TO BE CONFIRMED TO SUIT FINAL ARCHITECTURAL LAYOUTS AND FIRE ENGINEERS REQUIREMENTS.
13. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE EMERGENCY LIGHTING INSTALLATION PROVIDES ADEQUATE LUMINANCE AND UNIFORMITY IN EACH AREA TO CONFORM TO ALL RELEVANT BRITISH STANDARDS AND BUILDING REGULATIONS.
14. LIGHTING LEVELS, UNIFORMITY ETC. SHALL MEET WITH GBSE LIGHTING GUIDE.
15. THE CONTRACTOR SHALL ENSURE THAT ALL CONTRACT GEAR AND COMPONENTS OF THE SYSTEMS ARE SUITABLE FOR LONG TERM, VARIANCE AND STARTING CHARACTERISTICS, OBTAIN FROM MANUFACTURERS WRITTEN CONFIRMATION OF COMPATIBILITY.
16. ALL LUMINAIRES SHALL BE SUPPLIED WITH PHOTOMETRIC DATA IN ACCORDANCE WITH EN 13032-1. THE CONTRACTOR SHALL ENSURE THAT LIGHTING OF SIMILAR TYPE ARE PROVIDED WITH SAME PHOTOMETRIC PERFORMANCE AS PUBLISHED DATA WITHIN THE TOLERANCES DEFINED BY EN 13032-1.
17. ALL LUMINAIRES SHALL BE SUPPLIED IN ACCORDANCE WITH EN 60598, WITH CLASSIFICATION TO EN 60598-1. ALL LUMINAIRE SHALL COMPLY WITH EN 60598-1 CLASS II MAINS.
18. ALL LUMINAIRES SHALL BE PROVIDED COMPLETE WITH LAMP/COMPONENT AS SPECIFIED WITHIN THE LUMINAIRE SCHEDULES.
19. WHERE CONTRACT GEAR IS REMOTE TO THE LUMINAIRE, LOCATE EQUIPMENT AT SEPARATE LOCABLE 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.
20. ALL EMERGENCY LIGHTING LUMINAIRES SHALL COMPLY WITH BS 6826. THE CONTRACTOR SHALL ENSURE THAT ALL LUMINAIRES AS PART OF THE EMERGENCY LIGHTING INSTALLATION ARE MARKED WITH AN ICEI CERTIFICATION LABEL.
21. 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.
22. LIGHTING CONTROL SHALL BE PROVIDED BY LIGHTING CONTROLS SYSTEMS ENabling SCENE SETTING, DIMMING AND AUTOMATED CONTROLS AS REQUIRED.

LO1 LIGHTING HEIGHTS



C03	JM	BG	12.09.25	Lighting Updated To Park Lighting Design Rev I
C02	JM	BG	12.05.25	Layout & Essential DB Locations & Circuitry Updated
C01	JBD	BG	23.01.25	Issued For Construction
P03	JM	BG	17.12.24	Issued For Comments
P02	AR	CE	30.08.24	Stage 4i Issue
P01	AR	BG	12.07.24	Stage 4i Issue
Rev	Dm	Cx'd	Date	Description

Scale	Original Size
-------	---------------

Status
A5 - FOR AUTHORISATION AS STAGE
COMPLETE

Client



Project:

MCFC

Title

NORTH STAND LIGHTING LAYOUT
LEVEL 01 ZONE 5

Drawing No.	Revision
NSE-SFE-NS-01-DR-E-631451	C03

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

