Risk Register Reference	Hazard Description	Hazard Colour	Servevrity (1-5)	Risk Rating (1-5)	Risk Active at Approval (Y/N)	Risk Active at Construction (Y/N)
		Red - Major (Seek Advice)				
		Amber - Review Risk Assessment				
		Green - Caution				

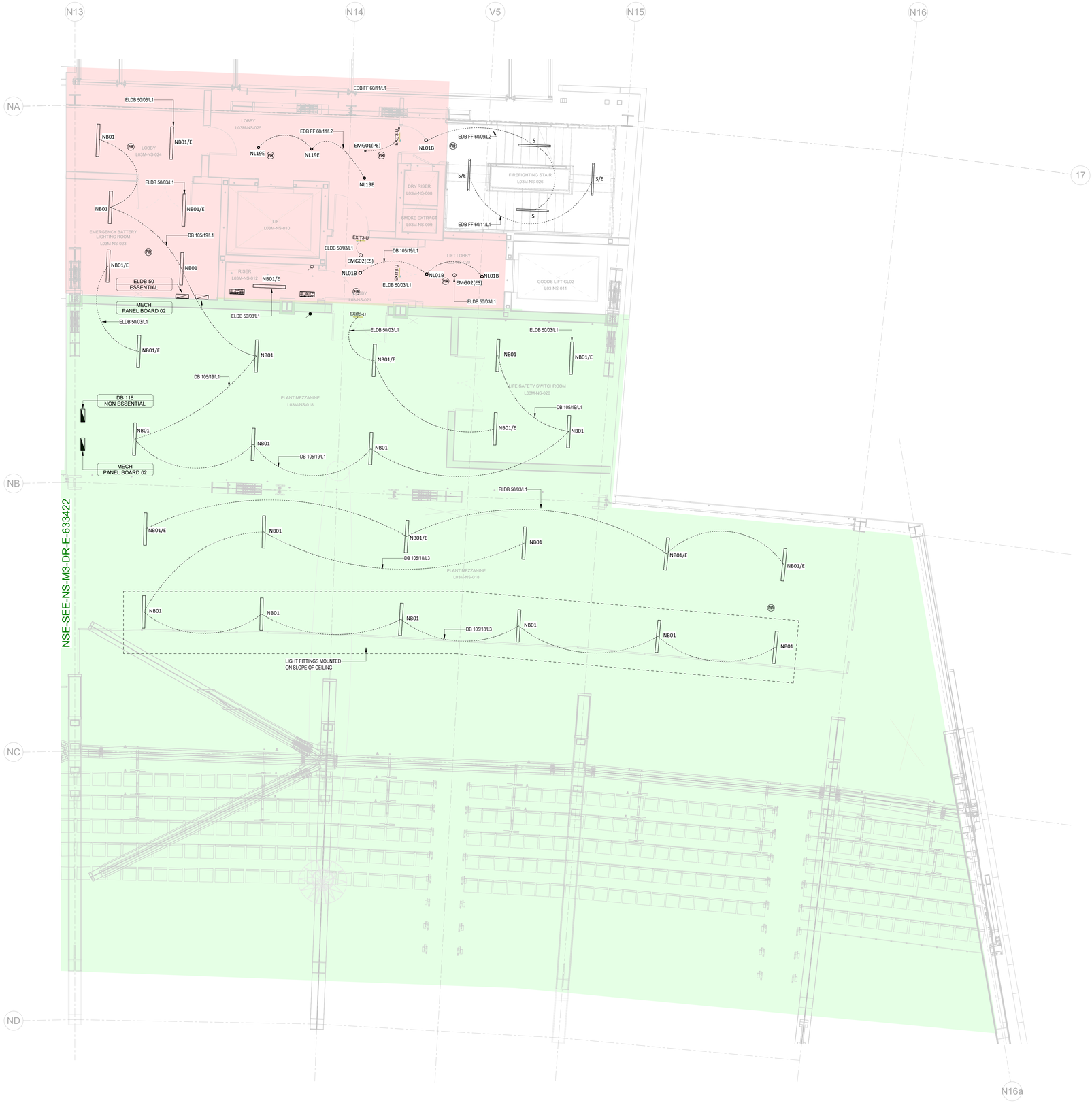
SCALE	LEVEL OF RISK
EXTREME	EXCEPTIONAL
HIGH	ABOVE MODERATE
MODERATE	TYPICAL OR NORMAL
LOW	BELOW MODERATE
VERY LOW	WELL BELOW MODERATE

SCALE	CONSEQUENCE
EXTREME	CATASTROPHIC
HIGH	SEVERE
MODERATE	SERIOUS
LOW	MARGINAL
VERY LOW	MINOR

SCALE	LIKELIHOOD
EXTREME	VERY PROBABLE
HIGH	PROBABLE OR FREQUENT
MODERATE	POSSIBLE
LOW	UNLIKE OR REMOTE
VERY LOW	REMOTE

THIS RISK BOX IS FOR **GUIDANCE ONLY**. THE CONTENT HAS BEEN PRODUCED BY THE SES TEAM
IT IS IMPERATIVE THAT THE READER OF THIS DOCUMENT REVIEWS ALL **RAMS / RISK ASSESSMENTS / TECHNICAL DOCUMENTATION & METHOD STATEMENTS** BEFORE PROCEEDING.

001	Working At Height To Install Services	AMBER	3	1	N	N
002	Slip, Trip & Falls	AMBER	2	1	N	N
003	Mechanical Isolations	AMBER	2	1	N	N
004	Electrical Isolations	AMBER	4	1	N	N



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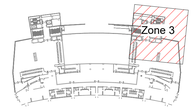
DO NOT SCALE OFF THIS DRAWING

DRAWING STAGE DEFINITIONS (BSRIA BG6/2014)

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 WITHIN THE SYSTEMS AND WITH ANY OTHER SYSTEMS INSTALLED IN THE SAME LOCATION.
7. ALL EQUIPMENT LOCATED IN EXTERNAL OR WET AREAS SHALL BE SUITABLY IP RATED AND FIT FOR PURPOSE FOR THE ENVIRONMENT, MOUNTING 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 CIBSE LIGHTING GUIDES.
15. THE CONTRACTOR SHALL 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.
16. ALL LUMINAIRES SHALL BE SUPPLIED WITH PHOTOMETRIC DATA IN ACCORDANCE WITH EN 13032-1. THE CONTRACTOR SHALL ENSURE THAT LUMINAIRES 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 ESN 60598-1. ALL LUMINAIRES SHALL COMPLY WITH EN 61547 FOR EMC IMMUNITY.
18. ALL LUMINAIRES SHALL BE PROVIDED COMPLETE WITH LAMP/CONTROL GEAR AS SPECIFIED WITHIN THE LUMINAIRE SCHEDULES.
19. 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 MANUFACTURER'S RECOMMENDATIONS FOR MAXIMUM CABLE LENGTH BETWEEN GEAR AND LAMP.
20. ALL EMERGENCY LIGHTING LUMINAIRES SHALL COMPLY WITH BS 5266. THE CONTRACTOR SHALL ENSURE THAT ALL LUMINAIRES AS PART OF THE EMERGENCY LIGHTING INSTALLATION ARE MARKED WITH AN ICEL 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 ACORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OF THE EQUIPMENT.
22. LIGHTING CONTROL SHALL BE PROVIDED BY LIGHTING CONTROLS SYSTEMS TO ENABLE SCENE SETTING, DIMMING AND AUTOMATED CONTROL AS REQUIRED.

L03 LIGHTING HEIGHTS

- 2375 AFFL
- 2800 AFFL
- 2950 AFFL
- 3200 AFFL
- 3500 AFFL

Rev	Drn	Ck'd	Date	Description
C01	JM	BG	12.05.25	Issued For Construction
P03	AR	AW	09.12.24	Preliminary Issue
P02	AR	CE	30.08.24	Stage 4i Issue
P01	AR	BG	12.07.24	Stage 4i Issue

Scale: As indicated
Original Size: A0

Status: A5 - FOR AUTHORISATION AS STAGE COMPLETE

Client: MANCHESTER CITY

Project: MCFC

Title: NORTH STAND LIGHTING LAYOUT LEVEL 03M ZONE 3

Drawing No.: NSE-SEE-NS-M3-DR-E-633432
Revison: C01

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SES ENGINEERING SERVICES

1 L03-M-Plant Level Mezzanine Lighting - Zone 3
1 : 50