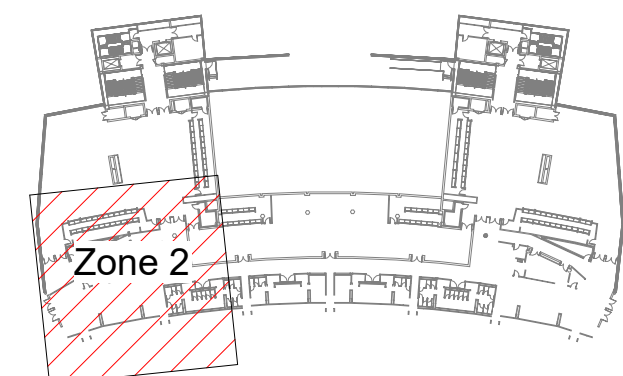
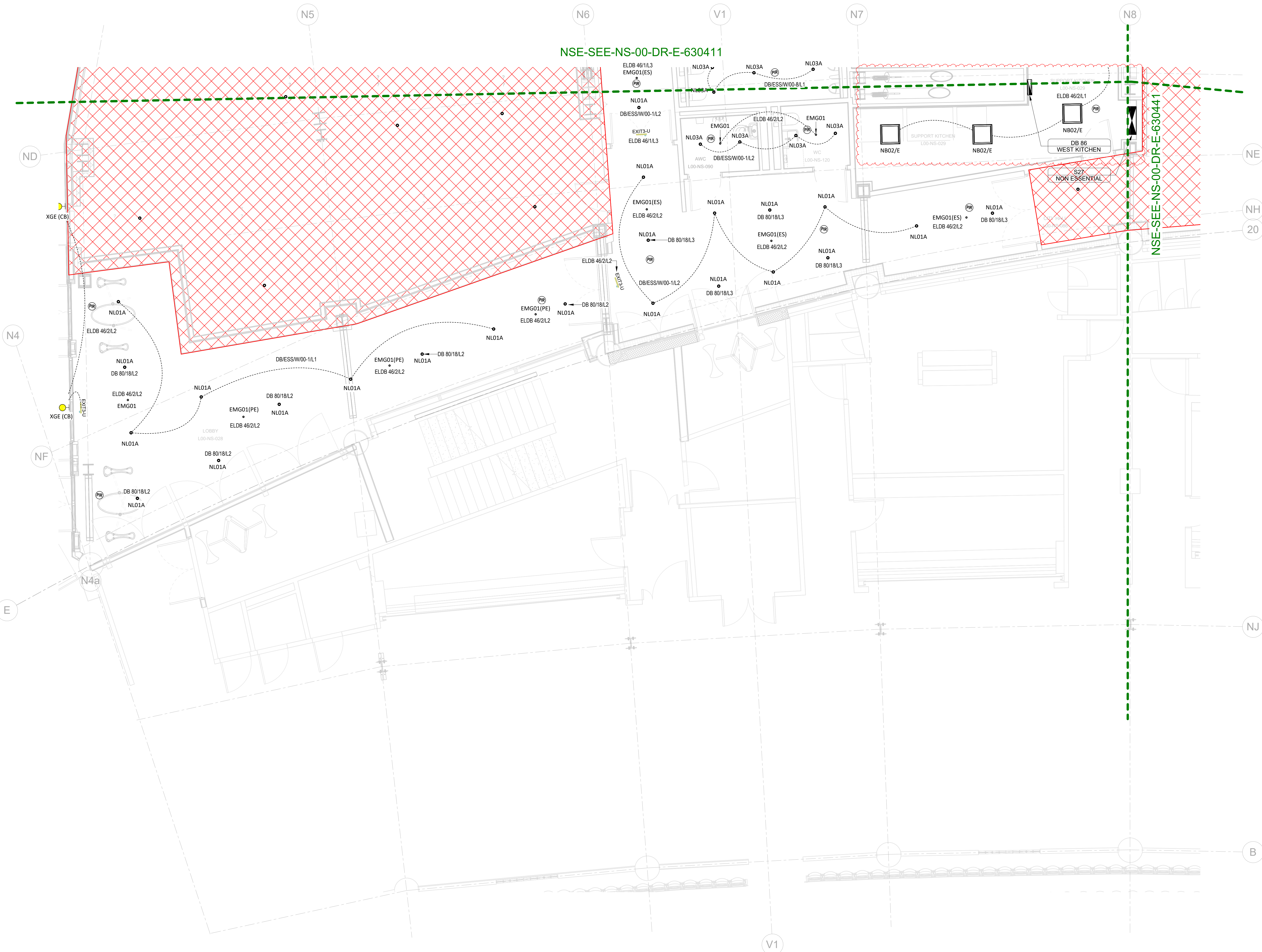
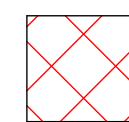


Risk Register	Risk Description	Hazard Color	Severity	Risk Rating	Risk Active at Approval	Risk Active at Construction
REFERENCE	LEVEL OF RISK	SCALE	CONSEQUENCE		(Y/N)	(Y/N)
	CRITICAL	CRITICAL	CRITICAL	CRITICAL	VERY PROBABLE	VERY PROBABLE
	HIGH	HIGH	HIGH	HIGH	PROBABLE OR FREQUENT	PROBABLE OR FREQUENT
	MODERATE	MODERATE	MODERATE	MODERATE	POSSIBLE	POSSIBLE
	LOW	LOW	LOW	LOW	UNLIKELY OR REMOTE	UNLIKELY OR REMOTE
	VERY LOW	VERY LOW	VERY LOW	VERY LOW	REMOTE	REMOTE
THIS RISK REGISTER IS FOR GUIDANCE ONLY. THE CONTENT HAS BEEN PRODUCED BY THE S&B TEAM. IT IS IMPERATIVE THAT THE CONTENT OF THE DOCUMENT REVIEW ALL RANKS / RISK ASSESSMENTS / TECHNICAL DOCUMENTATION & METHOD STATEMENTS BEFORE PROCEEDINGS.						
001	Working At Height To Install Services	AMBER	3	3	N	N
002	Slip, Trip & Falls	AMBER	2	1	N	N
003	Mechanical Isolations	AMBER	2	1	N	N
004	Electrical Isolations	AMBER	2	1	N	N



KEY PLAN

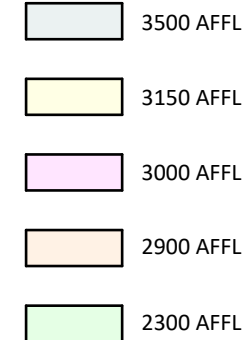


CLIENT DIRECT FIT OUT - WHITEBOX AREAS

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 INSTALLED.
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 JERF CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE LIGHTING TO MEET WITH THE DESIGN AND SPECIFICATION, INCLUDING ALL LAMP SPECIFICATIONS, 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 BE CAPABLE OF PROVIDING 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. IF THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE EMERGENCY LIGHTING INSTALLATION PROVIDES ADEQUATE ILLUMINANCE AND UNIFORMITY IN EACH AREA TO CONFORM TO ALL RELEVANT BRITISH STANDARDS AND BUILDING REGULATIONS.
14. LIGHTING LEVELS, UNIFORMITY ETC. SHALL MEET WITH THESE LIGHTING GUIDES.
15. THE CONTRACTOR SHALL ENSURE THAT ALL CONTROL GEAR AND WIRING FOR THE SYSTEMS ARE PROVIDED WITH CLEAR LABELLING, 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 LUMINAIRE OF SIMILAR TYPE ARE SUPPLIED 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 EN50598-1. THE CONTRACTOR SHALL COMPLY WITH EN 50598 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 PROTECTED, 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.
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 IDENTIFICATION 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 AUTOMATED CONTROL SYSTEMS TO ENSURE SCENE SETTING, DIMMING AND LIGHTING CONTROLS AS REQUIRED.

LOO LIGHTING HEIGHT



C03	JBD	BG	23.06.25	Lighting Layout Amended
C02	JBD	BG	14.04.25	Layout/Circuits Updated & Levels Added
C01	JBD	BG	03.01.25	Issued For Construction
P04	JBD	BG	12.12.24	Issued For Comments
P03	JBD	BG	02.12.24	Issued For Comments
P02	JBD	BG	30.08.24	Stage 4: Issue
P01	AR	BG	12.07.24	Stage 4: Issue
Rev	Drn	Ch'd	Date	Description

Scale Original Size
As indicated A0

Status
A5 - FOR AUTHORISATION AS STAGE
COMPLETE

Clon



Project

MCFC

Title

NORTH STAND LIGHTING LAYOUT
LEVEL 00 ZONE 2

Drawing No.	Revision
NSE-SEE-NS-00-DR-E-630421	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

