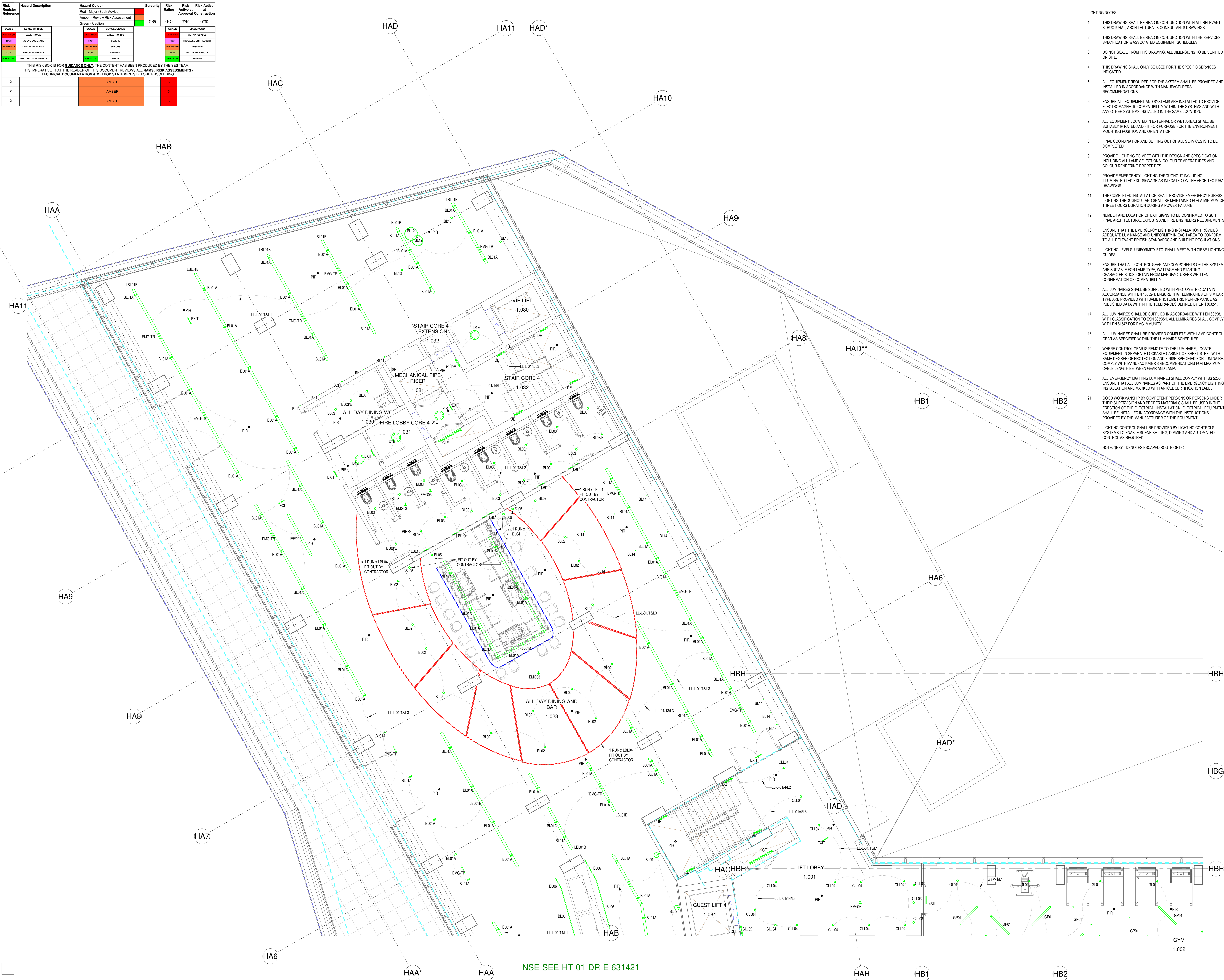


Risk Register Reference	Hazard Description		Hazard Colour Red - Major (Seek Advice) Amber - Review Risk Assessment Green - Caution	Severity (1-5)	Risk Rating Colour (1-5)	Risk Active at Approval (Y/N)	Risk Active at Construction (Y/N)
	SCALE	LEVEL OF RISK	SCALE			Y/N	LEVEL
	LOW	EXCEPTIONAL	LOW	1	GREEN		VERY PROBABLY
	MOD	ABOVE MODERATE	MOD	2	AMBER		PROMINENT OR FREQUENT
	MODERATE	LEVEL OF NORMAL	MODERATE	3	YELLOW		POSSIBLE
	SEVERE	BELOW MODERATE	SEVERE	4	RED		UNUSUAL
	VERY SEVERE	WELL BELOW MODERATE	VERY SEVERE	5	RED		EXTENSIVE
THIS RISK BOX IS FOR QUIDANCE ONLY - THE CONTENT HAS BEEN PRODUCED BY THE SEG TEAM. IT IS IMPERATIVE THAT THE READER OF THIS DOCUMENT REVIEWS ALL BANKS, RISK ASSESSMENTS / TECHNICAL DOCUMENTATION & METHOD STATEMENTS BEFORE PROCEEDING.							
2			AMBER	2	AMBER		
2			AMBER	2	AMBER		



- 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 THIS PROJECT 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 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
9. PROVIDE LIGHTING TO MEET WITH THE DESIGN AND SPECIFICATION, INCLUDING ALL LAMP SELECTIONS, COLOUR TEMPERATURES AND COLOUR RENDERING PROPERTIES.
10. 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. 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. ENSURE THAT ALL CONTROL, GEAR AND COMPONENTS OF THE SYSTEM ARE SUITABLE FOR COMPLY TYPE, WATTA GE AND STARTING CHARACTERISTICS. OBTAIN FROM MANUFACTURERS WRITTEN CONFIRMATION OF LAMP LIFE.
16. ALL LUMINAIRES SHALL BE SUPPLIED WITH PHOTOMETRIC DATA IN ACCORDANCE WITH EN 13032-1. ENSURE THAT LUMINAIRES OF SIMILAR CHARACTERISTICS OBTAIN FROM MANUFACTURERS AS PUBLISHED DATA WITHIN THE TOLERANCES DEFINED BY EN 13032-1.
17. ALL LUMINAIRES SHALL BE SUPPLIED IN ACCORDANCE WITH EN 60598-1, WITH CLASSIFICATION TO EN 60598-1-4. 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 A MINIMUM 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. ENSURE THAT ALL LUMINAIRE ARE PART OF THE EMERGENCY LIGHTING INSTALLATION ARE MARKED WITH AN ICEL CERTIFICATION LABEL.
21. GOOD WORKSMANSHIP 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 RECOMMENDATIONS 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.
- THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE USED, COPIED OR DISCLOSED TO ANYONE WITHOUT THE PERMISSION OF S&S (ENGINEERING SERVICES)
- DO NOT SCALE OFF THIS DRAWING
- DRAWING STATE DEFINITIONS (BSRIA B002014 Table 1)
- | | |
|----------|------------------------------|
| STATE 2 | CONCEPT |
| STATE 3B | PRELIMINARY DESIGN |
| STATE 4A | TECHNICAL DESIGN |
| STATE 4B | COORDINATED WORKING |
| STATE 5 | INSTALLATION DRAWING (MOCOR) |
- For full definitions refer to BSRIA B002014 Table 1
-
- ## KEY PLAN
- ### DRAWING REFERENCES
- THIS DRAWING HAS BEEN BASED ON INFORMATION TAKEN FROM THE FOLLOWING
- POPULOUS ARCHITECTURAL MODEL
- BURO HAPPOUS STRUCTURAL MODEL
- WILLIAM HASE STRUCTURE
- FX FACADE
- NEE-FGT-HIT-ZZ-MS-A-00001
- ### NOTES
1. ALL LEVELS ARE TAKEN FROM LEVEL-
- LL1 = +0.550
2. LEVELS OF SERVICES ARE TAKEN AS FOLLOWS-
- B0C --> BOTTOM OF CONTAINMENT
- B0D --> BOTTOM OF DUCT
- B0Z --> BOTTOM OF ZONE
- C0L --> CEILING OF PIPE / DUCT
- U01 --> UNDERSIDE OF EQUIPMENT
- C0H --> CENTRE OF HOLE
- B0H --> BOTTOM OF HOLE
- ### LIGHTING ABBREVIATIONS REFER TO LUMINAIRE
- #### SCHEDULE FOR EXACT DETAILS
- | | |
|-------|---|
| BL01A | LIGHTFORMS TS4003-XX-927-WI-DAL-90101-01 |
| BL02 | CHARRA APFR W-W - LES 27 14.5 D |
| BL03 | CHARRA APFR W-W - LES 27 14.5 D |
| BL010 | CHARRA APFR W-W - LES 27 14.5 D |
| CL02 | CHARRA APFR W-W - LES 27 14.5 D |
| EF001 | Aust Heating Pendant LA10359P, Colour: MattBlack 1420 |
| EF002 | Muto V4 14mm LED Downlights, Hons LED |
| EF003 | 83series |
| EF004 | Minger Ganger LA LED Outdoor Wall Light, Black/White |
| EF005 | Catelan & Smith Light Stick V LED Wall Light, Colour: Satin |
| EF006 | Ton Dixon Press Surface LED Light, David Village Lighting |
| A | CHARRA APFR W-W - LES 27 14.5 D |
| B | CHARRA APFR W-W - LES 27 14.5 D |
| GL01 | CHARRA APFR W-W - LES 27 14.5 D |
| GL02 | CHARRA APFR W-W - LES 27 14.5 D |
| GL03 | CHARRA APFR W-W - LES 27 14.5 D |
| C | THORN AQUALFORCE PRO / 96032978 |
| CE | THORN AQUALFORCE PRO / 96032978 |
| C1E | THORN AQUALFORCE PRO / 96032978 |
| C2 | THORN AQUALFORCE PRO / 96031023 |
| C3 | THORN AQUALFORCE PRO / 96031023 |
| K | THORN DUOPROF / 96032608 |
| K1 | THORN DUOPROF / 96032608 |
- NOTE: "NED" - DENOTES ESCAPED ROUTE OPTIC

C01	16.04.25	ISSUED FOR CONSTRUCTION	TD	CE
P03	29.01.25	ISSUED FOR REVIEW & COMMENT	TD	CE
P02	03.10.24	STAGE 4 ISSUE	MEE	MEE
P01	30.09.24	STAGE 4 ISSUE	MEE	MEE
Rev	Drawn Date	Description	Drawn By	Checked By
Scale			Original Size	

Status
A5 - FOR AUTHORISATION AS STAGE
COMPLETE



Project

MCFC

750

HOTEL BUILDING LIGHTING LAYOUT
LEVEL
LEVEL 01
ZONE 1

Drawing No.	Revision
NSE-SEE-HT-01-DR-E-631411	C0

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