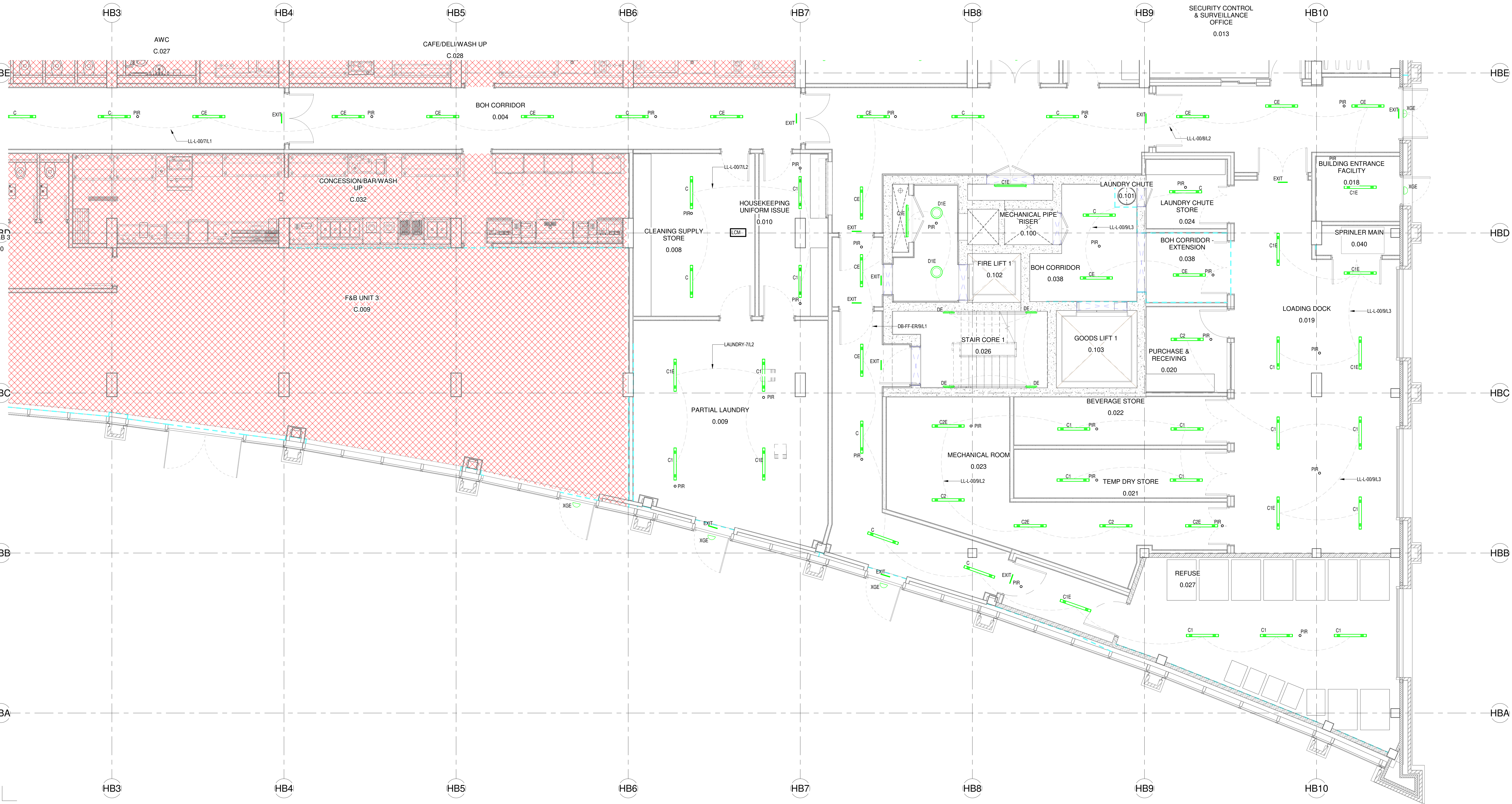


Risk Register Reference	Hazard Description	Hazard Colour		Severity	Risk Rating	Risk Active at Approval	Risk Active at Construction
		Red - Major (Seek Advice)	Amber - Review Risk Assessment				
SCALE	LEVEL OF RISK	SCALE	CONSEQUENCE	SCALE	LEVEL OF RISK	SCALE	LEVEL OF RISK
1	EXCEPTIONAL	1	CATASTROPHIC	1	1	1	1
2	ABOVE MODERATE	2	SEVERE	2	2	2	2
3	TYPICAL OR NORMAL	3	SERIOUS	3	3	3	3
4	MODERATE	4	MODERATE	4	4	4	4
5	BELOW MODERATE	5	MINOR	5	5	5	5
6	WELL BELOW MODERATE	6	NEGLIGIBLE	6	6	6	6

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.

2		AMBER	5	
2		AMBER	5	
2		AMBER	5	

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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 BY THE NOMINATED MEP CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE LIGHTING TO MEET WITH THE DESIGN AND SPECIFICATION, INCLUDING ALL LAMP SELECTIONS, COLOUR TEMPERATURES AND COLOUR RENDERING PROPERTIES.
- THE CONTRACTOR SHALL 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.
 - 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.
 - LIGHTING LEVELS, UNIFORMITY ETC. SHALL MEET WITH CIBSE LIGHTING GUIDES.
 - 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.
 - 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.
 - 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. THE CONTRACTOR SHALL 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: 'YES' - DENOTES ESCAPED ROUTE OPTIC

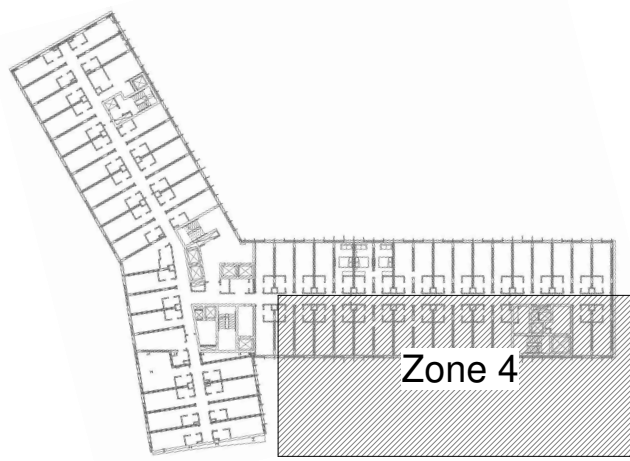
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DO NOT SCALE OFF THIS DRAWING

DRAWING STAGE DEFINITIONS (BSRIA B062014)

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 B062014 Table 1



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

BIURO HAPPOLO STRUCTURAL MODEL:-
NSE-BHE-HT-ZZ-M3-S-001000

WILLIAM HARE STRUCTURE:-
NSE-WHL-NS-XX-MR-X-000001

FK FASCAD:-
NSE-FKG-HT-ZZ-M3-X-000001

NOTES

- ALL LEVELS ARE TAKEN FROM LEVEL:-
LEVEL 10 = 0100
- LEVELS OF SERVICES ARE TAKEN AS FOLLOWS:-
BOC --- = BOTTOM OF CONTAINMENT
BOD --- = BOTTOM OF DUCT
BOZ --- = BOTTOM OF ZONE
CL --- = CENTRE OF PIPE / DUCT
UIS --- = UNDERSIDE OF EQUIPMENT
COH --- = CENTRE OF HOLE
BOH --- = BOTTOM OF HOLE

LIGHTING ABBREVIATIONS (REFER TO LUMINAIRE SCHEDULE FOR EXACT DETAILS)

C01	13.04.25	ISSUED FOR CONSTRUCTION	TD	CE
P03	28.01.25	ISSUED FOR REVIEW & COMMENT	TD	CE
P02	03.10.24	STAGE 4 ISSUE	MEE	MEE
P01	30.09.24	STAGE 4B ISSUE	MEE	MEE
Rev	Drawn	Date	Description	Drawn By
Scale				Original Size

Status
A5 - FOR AUTHORISATION AS STAGE COMPLETE



Project

MCFC

Title

**HOTEL BUILDING LIGHTING LAYOUT
LEVEL 00
ZONE 4**

Drawing No: **NSE-SEE-HT-00-DR-E-630441** Revision: **C01**

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