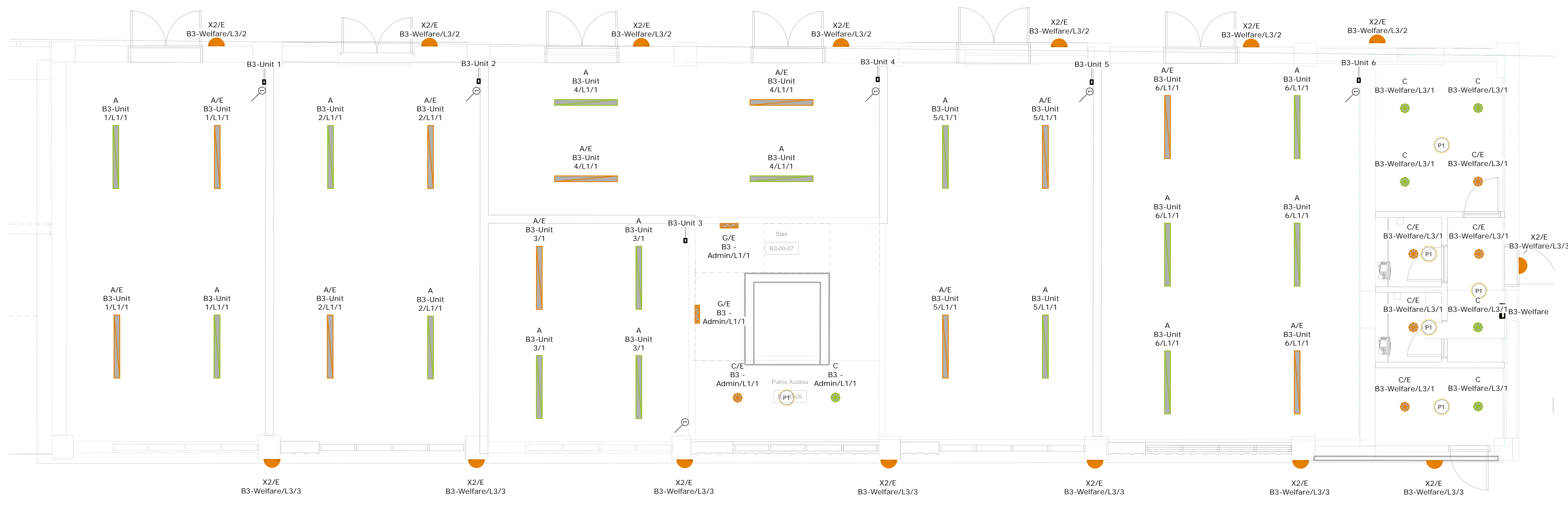


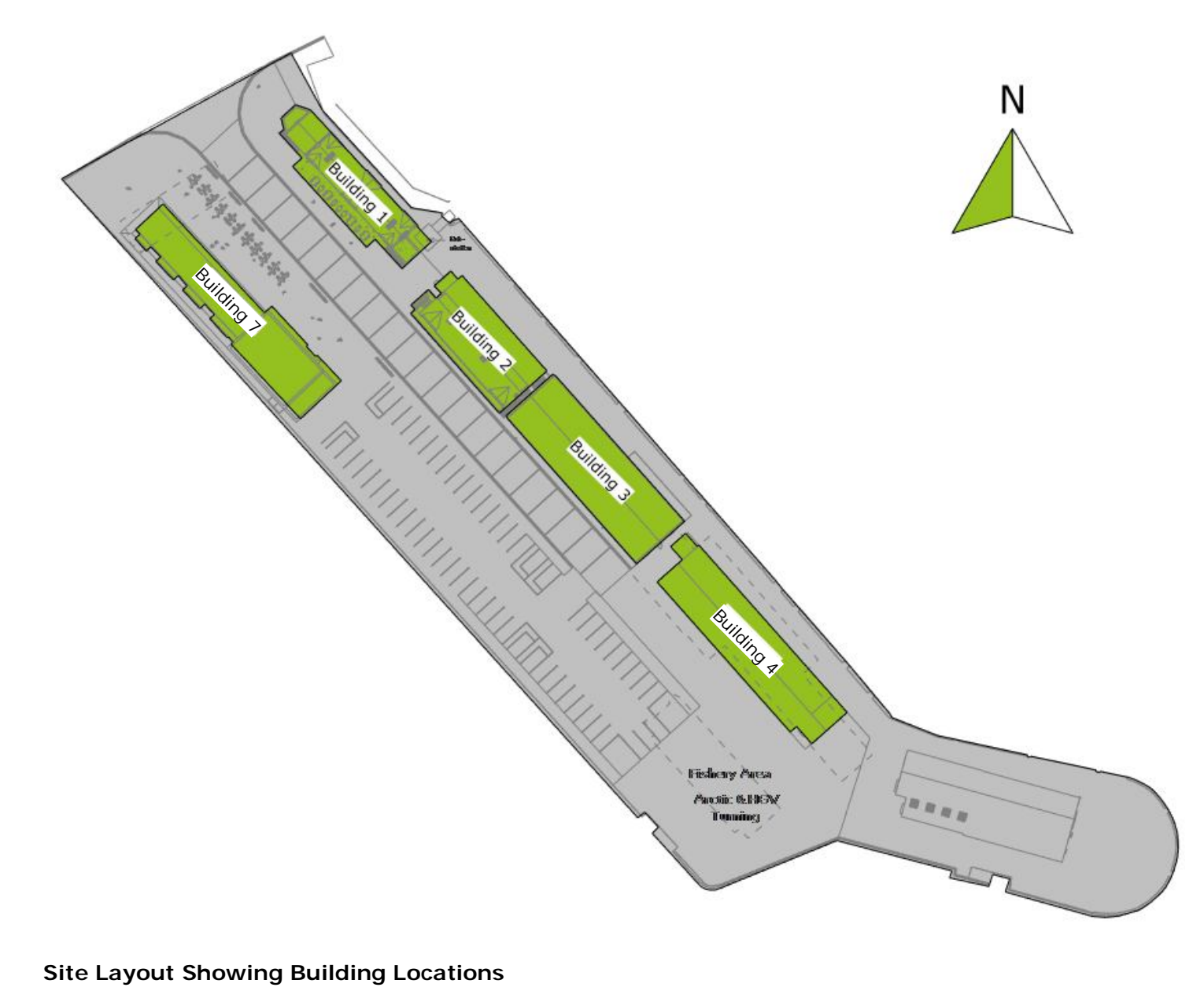
B3 01 - Lighting

1 : 50



B3 00 - Lighting

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Site Layout Showing Building Locations

Luminaire Schedule B3					
Legend	Fitter	Manufacturer	Description	Power	Image
A		Lucoco PLC	IP65 Linear Corrosion Resistant Luminaire: Climate Extra Twin, 1500mm, 6600lm, 48w, fixed output driver	48W	
A/E		Lucoco PLC	IP65 Linear Corrosion Resistant Luminaire: Climate Extra Twin, 1500mm, 6600lm, 48w, fixed output driver & emergency pack	48W	
B		Lucoco PLC	Carbon recessed downlight, 18W, 2000lm, fixed output driver, 244mm diameter	18W	
B/E		Lucoco PLC	Carbon recessed downlight, 18W, 2000lm, fixed output driver, 244mm diameter with remote emergency pack	18W	
C		Lucoco PLC	Downlight Platinum, 1600Lm, 13W White Bezel, IP44, Glass Reflector	13W	
C/E		Lucoco PLC	Downlight Platinum, 1600Lm, 13W White Bezel, IP44, Glass Reflector & Emergency Pack LED3/P80 (500lm)	13W	
F		Lucoco PLC	600x600, 3500lm, fixed output driver	24W	
F/E		Lucoco PLC	600x600, 3500lm, fixed output driver	24W	
G/E		Lucoco PLC	3200mm, fixed output driver, Emergency output 390lm	24.5W	
X2		Thorn	Wall mounted IP65 luminaire with marine grade finish 1 x TL_PA2-83D		
X2/E		Thorn	Wall mounted IP65 luminaire with marine grade finish 1 x TL_PA2-83D		

Lighting Controls			
Description	Manufacturer	Model	
Standstone Hard Wired PIR in Absence Mode	CP Electronics	EBDSPIR-RPW	
2 gang plate light switch (grey)	Schneider Electric	Ultimate Slimline GU1022GY	
3 gang 3 position centre bias retractive light switch (grey)	Schneider Electric	Ultimate Slimline GUG23GGY A 3 No. GUG2000CW	
3 gang 3 position centre bias retractive light switch (grey)	Schneider Electric	Ultimate Slimline GUG23GGY A 3 No. GUG2000CW	
Scene select light switch (white)	CP Electronics	Vitosec Plus Modular - WTP7-656-W	
Modular Controls PIR in Presence Mode (15m dia coverage)	CP Electronics	Vitosec Plus Modular - WTP7-656-W	
12 output, 7 channel switching and DALI & DS1 lighting control module	CP Electronics	Vitosec Plus Modular - WTP7-MB-DD	

- Lighting Notes**
- The contractor shall examine the drawings and visit sites before the works commence to ascertain all local conditions/restrictions likely to affect the execution of the works. No claims arising from failure to do so will be considered.
 - This drawing is to be read in conjunction with all accompanying M&E services drawings, specifications, and schedules.
 - The lighting installation shall be installed in accordance with BS7671 IET wiring regulations and applicable British standards.
 - The general lighting final circuit cabling shall be installed in LSF 60426 twin and earth copper conductors installed within all count bands within the ceiling voids. Drops to outlets shall be installed direct within the building fabric wiring zones to BS7671 wiring regulations to the respective outlet complete with BCD protection to all circuits. Surface metallic conduit to be used in BS and EP.
 - All lighting accessories shall be flush mounted PVC with the exception of switch rooms, plant rooms, risers and externals which shall be of the surface metal clad type. A sample board is to be provided to obtain client and architect sign off for the respective accessories/outlets.
 - Final locations and heights of accessories and outlets are to be agreed with the architect and client prior to installation.
 - Please refer to the luminaire schedules and lighting technical submission for the proposed luminaire selections.
 - Exact luminaire cut out dimensions to be provided to the contractor to enable holes to be formed within plasterboard ceilings. Additional ceiling fixing support and noggin to be provided as required, to provide the necessary support within the ceiling for the installed luminaires.
 - Where luminaires are suspended from the ceiling then the contractor are to provide the appropriate ceiling supports to enable a secure fixing to be made for the proprietary wire suspensions. These suspension points shall be strategically positioned to suit the manufacturers recommendations.
 - Any remote control gear for luminaires shall be independently supported from the structure and shall not be laid on the back of any ceiling systems.
 - Lighting control strategy to be confirmed at next phase.
 - The emergency lighting luminaires are to be generally of the standard led type, non-maintained with 3-hour duration unless noted otherwise. Testing shall be provided via test key switches incorporated into the same plate as the local lighting circuit switches and engraved 'emergency lighting test'. Test key switches be so as not to extinguish the general lighting during test purposes for compliance with BS5266.
 - (D) denotes demarable version of fitting
 - (E) denotes emergency version of fitting
 - (M) denotes integral microwave sensor version of fitting
 - Emergency incandescent signage to be confirmed
 - External lights controlled via an astronomical timeslock and photocell adjacent to the distribution board



Review - Review & Comment



Client: Scarborough - West Pier

Drawing Title: B3 - Lighting & Emergency Lighting

RIBA Stage	Status
2 - Concept Design	
3 - Spatial Coordination	
4 - Technical Design	✓
5 - Manufacturing and Construction	

Revision Number	Description	Date
PO4	Revised for Planning	07.11.23
PO3	BSA 4 Issue	28.07.23
PO2	BSA 3 Issue	03.06.23
PO1	RIBA 3 RFP Issue	29.04.23
Number	Description	Date