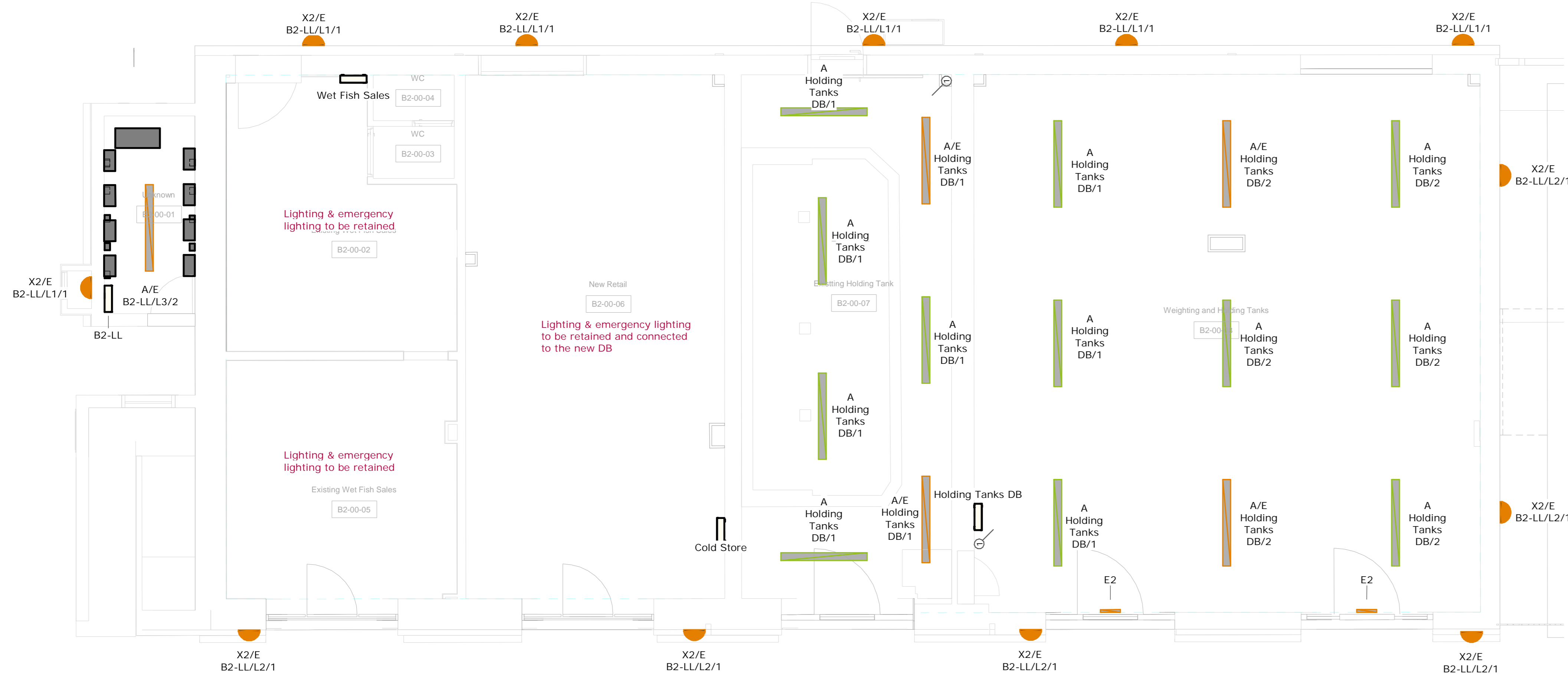


- ### Lighting Notes
- The contractor shall examine the drawings and visit site before the works commence to ascertain all local conditions/restrictions likely to affect the execution of the works. No claims arising from failure to do so will be considered.
 - This drawing is to be read in conjunction with all accompanying M&E services drawings, specifications, and schedules.
 - The lighting installation shall be installed in accordance with BS7671-IEE wiring regulations and applicable British standards.
 - The general lighting final circuit cabling shall be installed in LSF 4242b twin and earth copper conductors installed within all round bands within the ceiling voids. Drops to outlets shall be installed direct within the building fabric wiring zones to BS171 wiring regulations to the respective outlet complete with RCD protection to all circuits. Surface metallic conduit to be used in B8 and B9.
 - All lighting accessories shall be flush mounted PVC with the exception of switch rooms, plant rooms, risers and external which shall be of the surface metal clad type. A sample board 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 schedule 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 rograms 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 fitting to be made for the proprietary wire suspensions. These suspension points shall be strategically positioned to suit the manufacturer's 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 system. Lighting control strategy to be confirmed at next phase.
 - The emergency lighting luminaires are to be generally of the stand-alone 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 to be so as not to extinguish the general lighting during test purposes for compliance with BS5266.
 - Emergency lighting luminaires are to be generally of the stand-alone 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 to be so as not to extinguish the general lighting during test purposes for compliance with BS5266.
 - /D denotes dimmable version of fitting.
 - /E denotes emergency version of fitting.
 - /MW denotes integral microwave sensor version of fitting.
 - Emergency escape signage to be confirmed.
 - External lights controlled via an astronomical timeslock and photocell adjacent to the distribution board.

Luminaire Schedule B2				
Legend Fitter	Manufacturer	Description	Power	Image
A	Lucoo PLC	IP65 Linear Corrosion Resistant Luminaire. Climate Extra Twin, 1500mm, 6000m, 48w, fixed output driver.	48W	
A3/D	Lucoo PLC	600x600 LED Panel. Lupanel Backlit Extra, 3500lm, 29w, dimmable driver.	26W	
A3/E/D	Lucoo PLC	600x600 LED Panel. Lupanel Backlit Extra, 3500lm, 29w, dimmable driver & remote emergency pack.	26W	
A4/D	Lucoo PLC	600x600 LED Panel. Lupanel Backlit Extra, 4200lm, 29w dimmable driver.	29W	
A4/E/D	Lucoo PLC	600x600 LED Panel. Lupanel Backlit Extra, 4200lm, 29w dimmable driver & remote emergency pack.	29W	
A/E	Lucoo PLC	IP65 Linear Corrosion Resistant Luminaire. Climate Extra Twin, 1500mm, 6000m, 48w, fixed output driver & emergency pack.	48W	
C	Lucoo PLC	Downlight Platinum, 1600Lm, 13W White Bezel, IP44, Glass Reflector.	13W	
C/E	Lucoo PLC	Downlight Platinum, 1600Lm, 13W White Bezel, IP44, Glass Reflector & Emergency Pack, LED3P80, (500lm)	13W	
D2/MW	Lucoo PLC	Atlas BulkHead, 21w, 2100mm. Standard opal diffuser, Microwave version.	21W	
E1/D	Lucoo PLC	Maintained emergency exit blade with ceiling or wall mounting (down arrow)	3W	
X2	Thorn	Wall mounted IP65 luminaire with marine grade finish	1 x TL_PA2 -830	
X2/E	Thorn	Wall mounted IP65 luminaire with marine grade finish	1 x TL_PA2 -830	

1 B2 01 - Lighting

1 : 50



2 B2 00 - Lighting

1 : 50



Lighting Controls			
Description	Manufacturer	Model	
P1 Standalone Hard Wired PIR in Absence Mode	GP Electronics	EBDSPIR-P10A	
2 2 gang plate light switch (grey)	Schneider Electric	Ultimate Slimline GU1022GY	
3 3 gang 3 position centre bias reflective light switch (grey)	Schneider Electric	Ultimate Slimline GUG03GY & 3 No. GUG2020CW	
3 3 gang 3 position centre bias reflective light switch (grey)	Schneider Electric	Ultimate Slimline GUG03GY & 3 No. GUG2020CW	
Scene select light switch (white)	GP Electronics	Viresse Plus Modular - VITPP-EGC-W	
Modular Controls PIR in Presence Mode (15m dia)	GP Electronics	Viresse Plus Modular - VITPP-EGC-W	
12 output, 7 channel switching and DALI & DSI lighting control module	GP Electronics	Viresse Plus Modular - VITPP-468-DD	

Rev	Revised for	By	Date
R04	Revised for Planning	TP	07.11.23
R03	SBIA 4 Issue	AL	28.07.23
R02	SBIA 3 Issue	AL	03.05.23
R01	SBIA 3 RFP Issue	AL	25.04.23

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Client: S3 - Review & Comment

WILLIAM BIRCH & SONS LTD

Project: Scarborough - West Pier

Drawing Title: B2 - Lighting & Emergency Lighting

RIBA Stage	Status	Drawing Number
2 - Concept Design		22113-RCE-LTG-XX-DR-E-R2-01
3 - Spatial Coordination		
4 - Technical Design	✓	
5 - Manufacturing and Construction		

Rev	Designed	Checked	Scale
R04	TP	LB	Indicate @AD

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