

CIRCUIT CONTINUED
FROM THE FLOOR BELOW

DB/TF01/01/L3(L)

DB/TF01/06/L1(L)

DB/TF01/02/L1(L)

DB/TF03/04/L1(L)

DB/TF03/02/L2(L)

DB/TF03/04/L2(L)

DB/TF03/1/L2(L)

DB/TF01/4/L3(L)

DB/TF02/5/L2(L)

DB/TF01/5/L1(L)

DB/TF02/1/L1(L)

DB/TF02/1/L2(L)

DB/TF02/1/L2(L)

SWITCHING LEGEND

- 1 ABSENCE DETECTION WITH RETRACTIVE SWITCH AND PRESENCE CONTROL. SWITCHES TO BE PROVIDED AT ROOM ENTRANCE.
 - 2 ABSENCE DETECTION WITH RETRACTIVE SWITCH, PRESENCE CONTROL AND AUTOMATIC DAYLIGHT COMPENSATION. SWITCHES TO BE PROVIDED AT ROOM MAIN ENTRANCE AND AT THE LECTURN / WHITEBOARD LOCATIONS. LUMINAIRES ADJACENT TO THE LECTURN/WHITEBOARD SHALL BE SWITCHED SEPARATELY VIA A MULTISCENE SWITCH PLATE. ALL LUMINAIRES WITHIN 5000mm OF THE PERIMETER WINDOWS OR SUN PIPES SHALL DIM TO MAINTAIN AN EVEN LEVEL OF ILLUMINATION THROUGHOUT THE ROOM.
 - 3 ABSENCE DETECTION WITH RETRACTIVE SWITCH, PRESENCE CONTROL AND AUTOMATIC DAYLIGHT COMPENSATION. SWITCHES TO BE PROVIDED AT ROOM ENTRANCE. ALL LUMINAIRES WITHIN 5000mm OF THE PERIMETER WINDOWS OR SUN PIPES SHALL DIM TO MAINTAIN AN EVEN LEVEL OF ILLUMINATION THROUGHOUT THE ROOM.
 - 4 PRESENCE DETECTION TO TURN LUMINAIRES ON WHEN PRESENCE IS DETECTED AND OFF AFTER A PRE-DETERMINED TIME WHEN NO PRESENCE IS DETECTED.
 - 5 PRESENCE DETECTION C/W AUTOMATIC DAYLIGHT COMPENSATION TO TURN LUMINAIRES ON WHEN PRESENCE IS DETECTED AND OFF AFTER A PRE-DETERMINED TIME WHEN NO PRESENCE IS DETECTED. ALL LUMINAIRES WITHIN 5000mm OF THE PERIMETER WINDOWS OR SUN PIPES SHALL DIM TO MAINTAIN AN EVEN LEVEL OF ILLUMINATION THROUGHOUT THE ROOM.
 - 6 MANUAL SWITCHING ONLY. SWITCHES TO BE PROVIDED AT ENTRANCE AND EXIT FROM SPACE.
 - 7 ABSENCE DETECTION WITH SCENE SET SWITCH BY ENTRANCE DOORS, PRESENCE CONTROL AND AUTOMATIC DAYLIGHT COMPENSATION. MULTI SCENE SWITCH PLATE SHALL BE PROVIDED AT THE WHITE BOARD/LECTURN LOCATIONS. ALL LUMINAIRES WITHIN 5000mm OF THE PERIMETER WINDOWS OR SUN PIPES SHALL DIM TO MAINTAIN AN EVEN LEVEL OF ILLUMINATION THROUGHOUT THE ROOM.
- 50 x 50mm LIGHTING TRUNKING

NOTE:
FINAL LOCATIONS OF SWITCH COORDINATION
TO BE DETAILED BY THE ARCHITECT

NOTES-LEGEND

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWING IS INTENDED AS DESIGN INTENT ONLY.
3. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH TB+A SPECIFICATION AND DRAWINGS REFERRED TO WITHIN.
4. ALL EQUIPMENT SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
5. ALL ELECTRICAL SERVICES SHALL BE CO-ORDINATED WITH OTHER SERVICES AND BUILDING WORKS.
6. MOUNTING HEIGHTS OF ALL LUMINAIRES WITHIN WORKSHOP AREAS AND CORRIDORS OF TECH SET TO 4000mm FFL.
7. FOR LUMINAIRE REFERENCES REFER TO DWG. NO. WA0182-E-F&T-63-002 DEVIATIONS FROM THE LUMINAIRE SCHEDULE MUST BE EQUAL AND APPROVED.
8. LUMINAIRES IN THE CORRIDORS ARE SWITCHED BY THE TWO NEAREST PIR'S WITHIN THAT ASSOCIATED CORRIDOR.
9. EMERGENCY LIGHTING IS TESTED REMOTELY VIA THE DALI HEAD END UNIT.
10. THE LIGHTING CONTROL SPECIALIST SHALL BE FULLY RESPONSIBLE FOR DEVELOPING THE SWITCHING STRATEGY INTO A FULLY ADDRESSABLE DALI BASED INSTALLATION. THE SPECIALIST SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL SYSTEM EQUIPMENT AND CIRCUITRY AS REQUIRED TO COMPLETE THE WORKS.
11. THE FINAL LOCATIONS AND QUANTITIES OF LOCAL CONTROL MODULES SHALL BE DETERMINED BY THE LIGHTING CONTROLS SPECIALIST.
12. A FIRE ALARM INTERFACE SHALL BE PROVIDED TO THE LIGHTING CONTROL HEAD END UNIT TO OVERRIDE THE LIGHTING 'ON' IN RECEIPT OF A FIRE ALARM ACTIVATION SIGNAL.

LEGEND

LCM	LOCAL CONTROL MODULE
PD	PRESENCE DETECTOR
PP	PRESENCE DETECTOR AND PHOTOCELL
• A	RETRACTIVE SWITCH (ABSENCE DETECTION) DIMMABLE TO REFLECT SWITCHING STRATEGY
•	RETRACTIVE SWITCH (ON/OFF) DIMMABLE TO REFLECT SWITCHING STRATEGY
• S	5 BUTTON SCENE SET SWITCH. THE CONTRACTOR SHALL LIAISE WITH THE CLIENT FOR THE SWITCHING REQUIREMENTS WITHIN THE SPACE.
• W	MULTISCENE SWITCH PLATE LOCATED ADJACENT TO LECTURN/WHITEBOARD. (FINAL LOCATIONS TO BE CONFIRMED BY THE ARCHITECT).
	1. SWITCH OFF LIGHTS IN FRONT OF WHITEBOARD/ PROJECTOR SCREENS
	2. SWITCH OFF ALL LIGHTS
	3. SWITCH ON ALL LIGHTS
	4. DIMMING/CYCLE
	POWER CIRCUIT FOR LIGHTING
	NOTE: SWITCHING CIRCUITS NOT SHOWN. REFER TO SWITCHING STRATEGY REF. AND SCHEDULE.
WP	WEATHER PROOF

C2	GENERAL AMENDMENTS	GH / PK	30/06/2017
C1	GENERAL AMENDMENTS	GH / PK	15/05/2017
C0	FINAL DESIGN ISSUE	PK / KS	13/04/2017
P1	PRELIMINARY ISSUE INCORPORATING WBS COMMENTS	GH / IA	05/01/2017
P0	PRELIMINARY ISSUE FOR COMMENT	GH / KS	09/12/2016
Rev	Dcc	Description	Dwn / Chkd / Date

STAGE 4 (DESIGN)

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ANDERS

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Project
UNIVERSITY OF SOUTH WALES
TRINITY SAINT DAVID
FACE TECH BUILDING

Title
THIRD FLOOR
LIGHTING LAYOUT

Client
UNIVERSITY OF WALES TRINITY SAINT DAVID

Architect
STRIDE TREGLOWN ARCHITECT

Project No	Drawn by	Date	Checked	Scale
WA0182	GH	05/01/2017	KS	1:100

Revit Model	Revision
Drawing No WA0182-E-F&T-63-03-001	C2