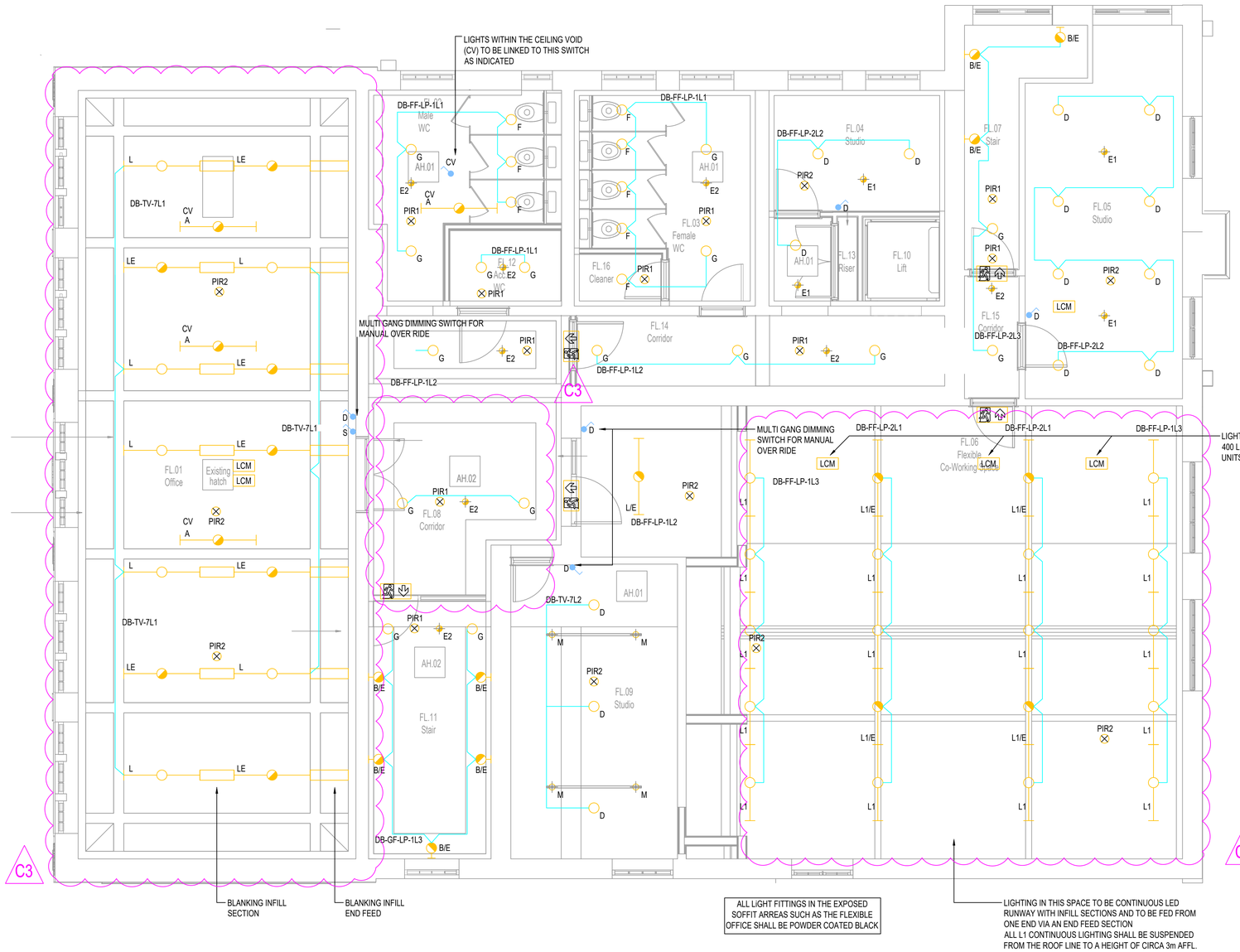


LEGEND OF LIGHTING SYMBOLS		
SYMBOL		DESCRIPTION
A		SURFACE MOUNTED LINEAR LUMINAIRE C/W 3HR EMERGENCY BACK UP AS PER DEXTRA TYP L63 PC 5S LE3
B/E		WALL MOUNTED BULKHEAD C/W 3HR EMERGENCY BACK UP AS PER DEXTRA AMEDIP65 L30 LE3 + R25E
C		CIRCULAR RECESSED DOWNLIGHT AS PER DEXTRA RBNDL L40 A BB FULLY DIMMABLE
D		CIRCULAR RECESSED DOWNLIGHT AS PER DEXTRA RBNDL L30 A BB FULLY DIMMABLE
F		CIRCULAR RECESSED DOWNLIGHT AS PER DEXTRA BTECL L30
G		CIRCULAR RECESSED DOWNLIGHT AS PER DEXTRA BTECL L22
H/E		CIRCULAR RECESSED DOWNLIGHT C/W 3HR EMERGENCY BACK UP AS PER DEXTRA BTECL65 L40 LE3
J		TRACK MOUNTED SPOTLIGHTS AS PER DEXTRA COUL LS WH L40 A 40 C/W DIMMABLE DRIVERS DALI LINKED
E1		EMERGENCY PIN SPOT AS PER DEXTRA LED4R NM3 LE3+OPEN AREA LENS
E2		EMERGENCY PIN SPOT AS PER DEXTRA LED4R NM3 LE3+ESCAPE ROUTE LENS
E3		EMERGENCY PIN SPOT AS PER DEXTRA LED4S NM3 LE3+OPEN AREA LENS
E4		EMERGENCY PIN SPOT AS PER DEXTRA LED4S NM3 LE3+ESCAPE ROUTE LENS
EM E5		SURFACE MOUNTED LED EMERGENCY 3HR BULKHEAD BY DEXTRA AME 2 RANGE 8 WATT.
K		WALL MOUNTED BULKHEAD C/W 3HR EMERGENCY BACKUP AS PER DEXTRA OPUWP L30 OA
L		SURFACE MOUNTED LINEAR LUMINAIRE AS PER DEXTRA RWY 1500 L30 OP (STANDALONE) FULLY DIMMABLE
L1		SURFACE MOUNTED LINEAR LUMINAIRE AS PER DEXTRA RWY 1500 L30 A OP (CONTINUOUS) FULLY DIMMABLE
M		TRACK MOUNTED SPOTLIGHTS AS PER DEXTRA COUL LS WH L30 A 40
N		RECESSED 600x600 LUMINAIRE AS PER DEXTRA IMPR (/E DENOTES 3HR EMERGENCY BACKUP)
Q/E		SURFACE MOUNTED LINEAR LUMINAIRE AS PER DEXTRA GRADUATE
R		STRIP LIGHTING AS PER LDL LIGHTING LED TAPE TO BE 4000K AND TO LIGHT ALL CEILING RAFT/COFER LINES. TAPE TO BE 24V AND COMPLETE WITH SELF TRANSFORMERS AS INDICATED.
PIR		PIR PRESENCE DETECTOR AS PER DEXTRA REAS7 6A LL PIR1 - DENOTES GENERAL PRESENCE DETECTION PIR2 - DENOTED PRESENCE DETECTION C/W DAYLIGHT DIMMING
		MANUAL SWITCH 'S' DENOTES MANUAL SWITCH FOR STRIP 'D' DENOTES DIMMING FACILITY LIGHTING WITHIN OFFICE ONLY
		8 WATT NON MAINTAINED ILLUMINATED EXIT SIGN BY DEXTRA
TX		230-24V SELV TRANSFORMER TO DRIVE THE LED LIGHTING TAPE AT 24V WITH DIMMING CAPABILITY
LCM		MULTI CHANNEL LIGHTING CONTROL MODULE BY CP ELECTRONIC OR EX-OR TO ALLOW MULTIPLE LIGHTING CONNECTIONS AND INDIVIDUAL CONTROL OF LIGHTING VIA A LOCAL OCCUPANCY AND DAYLIGHT SENSER

SUFFIX "E" DENOTES EMERGENCY BACK VERSION OF GENERAL LIGHT FITTING

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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

NOTES:

1. DO NOT SCALE OFF THIS DRAWING.
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE RELEVANT MECHANICAL AND / OR ELECTRICAL SPECIFICATION(S).
3. ALL DIMENSIONS SHOWN ARE IN mm UNLESS SHOWN OTHERWISE.

NOTES:

1. LUMINAIRES ADJACENT TO WINDOWS / WHERE DAYLIGHT PRESENCE DETECTION IS PROVIDED WILL BE DIMMABLE TO EXPLOIT AVAILABLE NATURAL DAYLIGHT.
2. ILLUMINATED EMERGENCY EXIT SIGNAGE & EXTERNAL EMERGENCY BULKHEAD LUMINAIRE SUPPLIES SHALL BE DERIVED FROM THE LOCAL INTERNAL LIGHTING CIRCUIT
3. THE LIGHTING LAYOUT DRAWING SHALL BE READ IN CONJUNCTION WITH THE LUMINAIRE SCHEDULE
4. GENERAL LIGHTING SHALL BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED TO BS12464-1.
5. EMERGENCY LIGHTING SHALL BE DESIGNED, INSTALLED, TESTED AND COMMISSIONED TO BS 5266-1 & BS 1838.
6. EACH EXIT TO THE OUTSIDE SHALL BE SUPPLIED COMPLETE WITH AN OVERHEAD (OR TO ONE SIDE) 3HR SELF CONTAINED EMERGENCY LUMINAIRE TO PROVIDE EMERGENCY ILLUMINANCE ON EGRESS.
7. EMERGENCY LUMINAIRES SHALL BE SUPPLIED FROM THE SAME ELECTRICAL CIRCUIT SUPPLYING THE GENERAL ILLUMINATION WITHIN THE ROOM THEY ARE INSTALLED.
8. ALL LIGHTING TYPES AND LOCATIONS IN THE KEY ARAS SUCH AS THE LISTED SECTIONS AND THE NEW GLAZED AREA ARE TO BE AGREED WITH CADW, WCC AND THE ARCHITECT
9. ALL FINAL LIGHTING COLOURS IN ALL AREAS NEEDS TO BE AGREED AND APPROVED VIA WCC AND THE ARCHITECT.
10.
11. THE TV COMPANY TY'R DDRAIG SHALL PROVIDE FINAL DETAILED DESIGN ON THE LIGHTING THEY REQUIRE IN THEIR OCCUPIED SPACES. THE CONCEPT LAYOUT HAS BEEN BASED UPON THEIR VAUDEVILLE DOCUMENT.

CEILING RAFT AS SPECIFIED BY THE ARCHITECT MOUNTED CIRCA 200MM BELOW THE EXISITNG CEILING LINE

Rev	Date	Description	Eng	Chk
C3	01.04.25	COMMENTS INCORPORATED	BW	SB
C2	28.03.25	UPDATED INLINE WITH LAWRAY COMMENTS	BW	SB
C1	17.03.25	CONSTRUCTION ISSUE	SB	GR
T4	19.11.24	UPDATED WITH CIRCUIT REFERANCES	TN	SB
T3	08.11.24	UPDATED INLINE WITH UPDATED XREF	SB	GR
T2	16.10.24	UPDATED INLINE WITH LATEST XREF	SB	GR
T1	27.09.24	TENDER ISSUE	SB	GR

CWC crookes walker consulting
Suite 9a, Bloc, 17 Marble Street
Manchester M2 3AW
Tel: 0161 834 9999
The Plaza, Old Hall Street,
Liverpool L3 9QJ
Tel: 0151 600 5409
E-mail: admin@cwcon.co.uk
Website: www.cwcon.co.uk

Client

wrexham COUNTY BOROUGH COUNCIL CYNGOR BWRDEISTREF SIROL wrecsam

Project

WREXHAM OLD LIBRARY REFURBISHMENT

Drawing Title

PROPOSED FIRST FLOOR LIGHTING CONCEPT LAYOUT

Status

CONSTRUCTION

Project No.	Drawn	Scale / Paper Size
3327	BW	1:50 @ A1

Drawing No. 3327-CWC-XX-01-DR-E-6301 Rev C3