



150 Holborn

Planning Condition 27

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Prior to occupation of the development, a lighting statement showing detailed lighting including lux and proposed projections of the external areas is required, especially for the external terraces and new pedestrian walkway, shall be submitted to and approved in writing by the Council. Approved details shall be implemented prior to occupation of the development and thereafter be permanently retained.

Commercial Building

The commercial building has external lighting at Level 8 Roof Terrace, L7 Future Plant Area, L7 Chiller Plant Area, L1 external canopy.

Residential

There is lighting at L7 roof level for maintenance purposes only.

Pedestrian Walkway

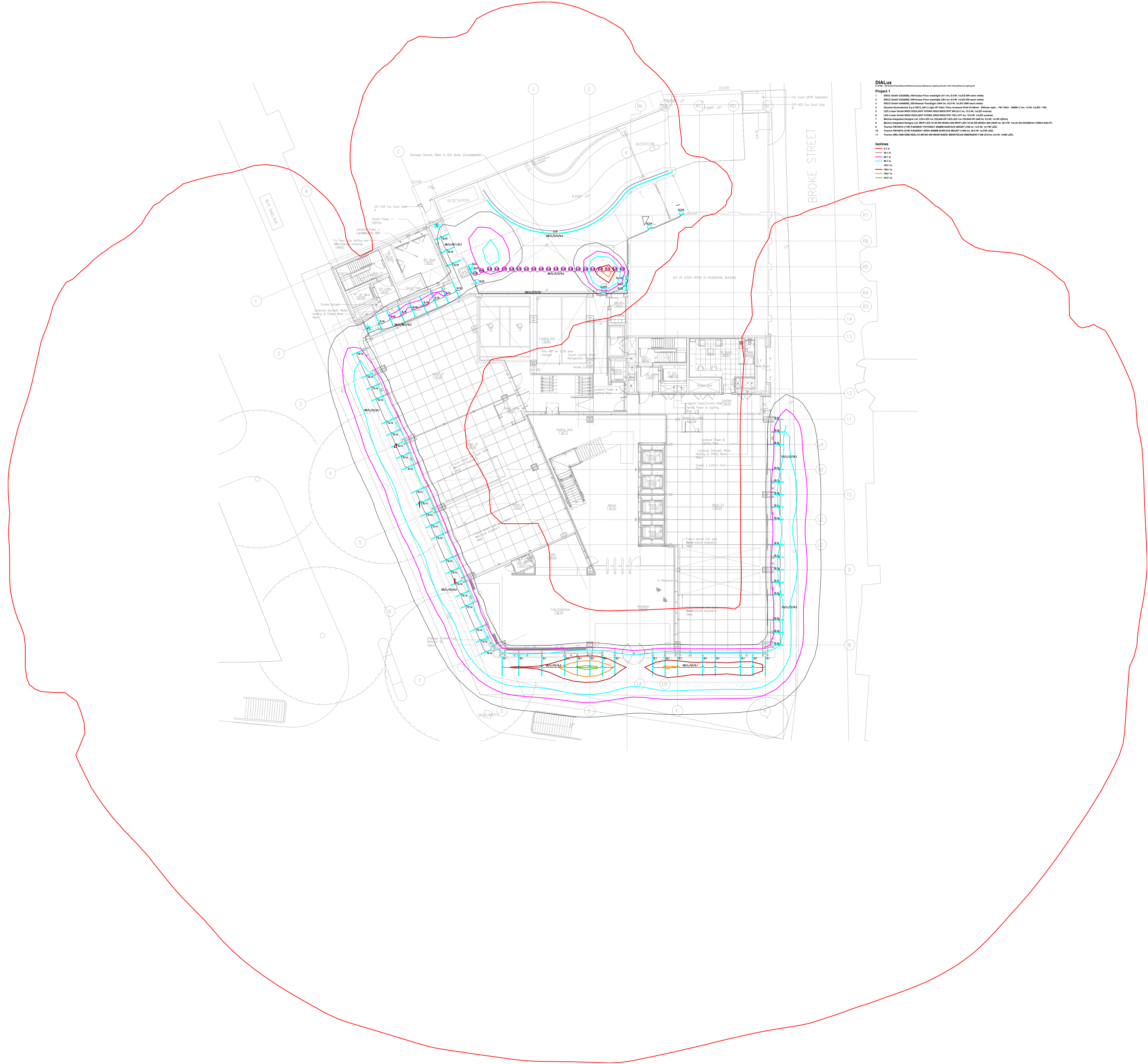
There is internal lighting from the Brooke Street entrance to the residential building, through the commercial building loading bay and the finally in the internal walkway to Grays Inn Road

The attached isoline lux plots show the external lighting at Ground Floor, L7 plant spaces and the L8 terrace.

The red line represents the 0.1lux lighting level.

Appendices – Drawings

1. 150H Ground Floor External Isoline Plot
2. 150H 7th Floor External Isoline Plot
3. 150H 8th Floor External Isoline Plot
4. 150H GF Comm Planning Condition 27
5. 150H GF Resi Planning Condition 27
6. 150H L7 Planning Condition 27
7. 150H L8 Planning Condition 27

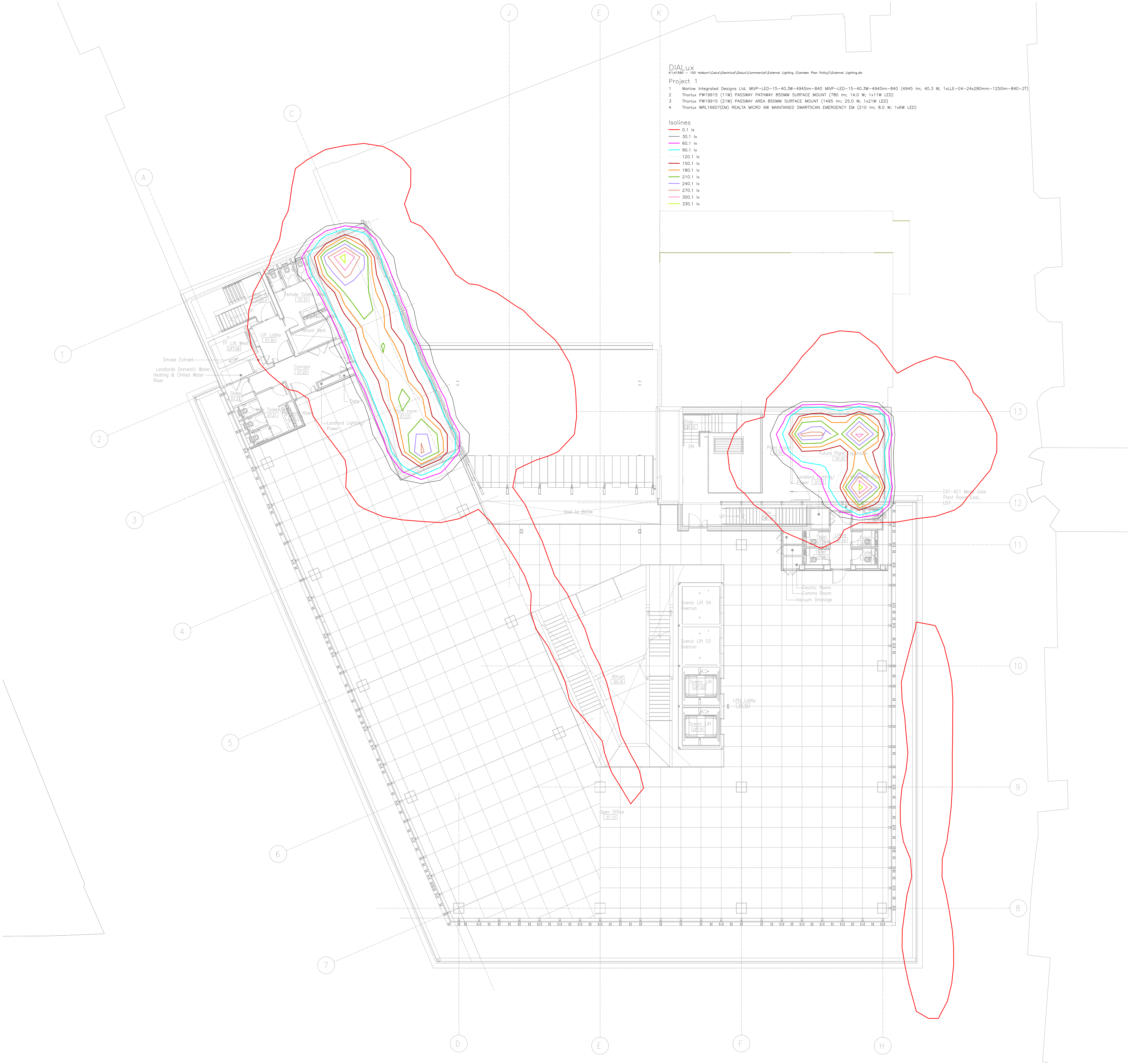


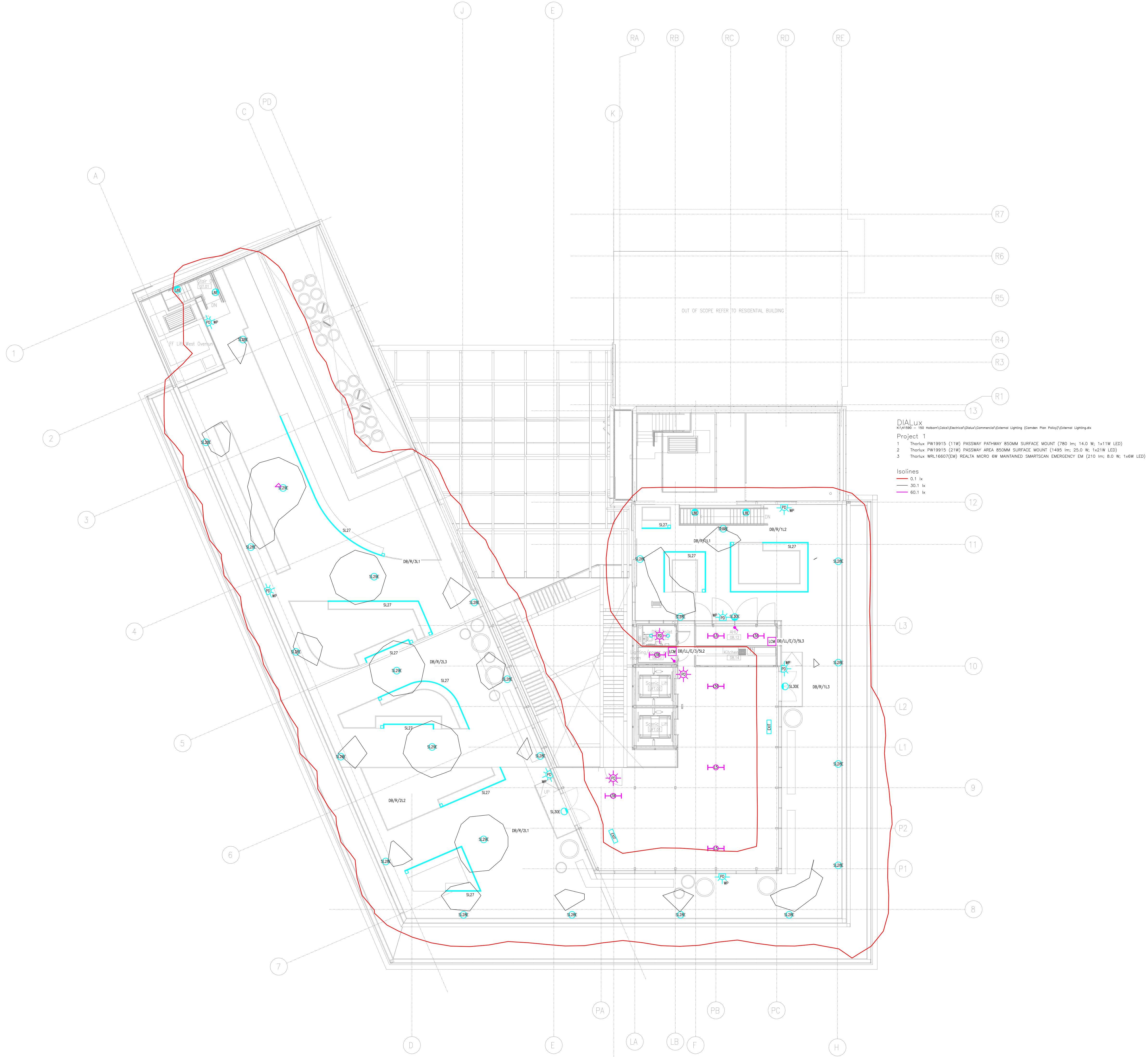
Project 1

- 1 Morflow Integrated Design Ltd. MVP-LED-15-40.3W-4945lm-840 MVP-LED-15-40.3W-4945lm-840 (4945 lm; 40.3 W; 1xLLE-G4-24x280mm-1250lm-840-2T)
2 Thorlux PW19915 (11W) PASSWAY PATHWAY 850MM SURFACE MOUNT (780 lm; 14.0 W; 1x11W LED)
3 Thorlux PW19915 (21W) PASSWAY AREA 850MM SURFACE MOUNT (1495 lm; 25.0 W; 1x21W LED)
4 Thorlux WRL16607(EM) REALTA MICRO 6W MAINTAINED SMARTSCAN EMERGENCY EM (210 lm; 8.0 W; 1x6W LED)

Isolines

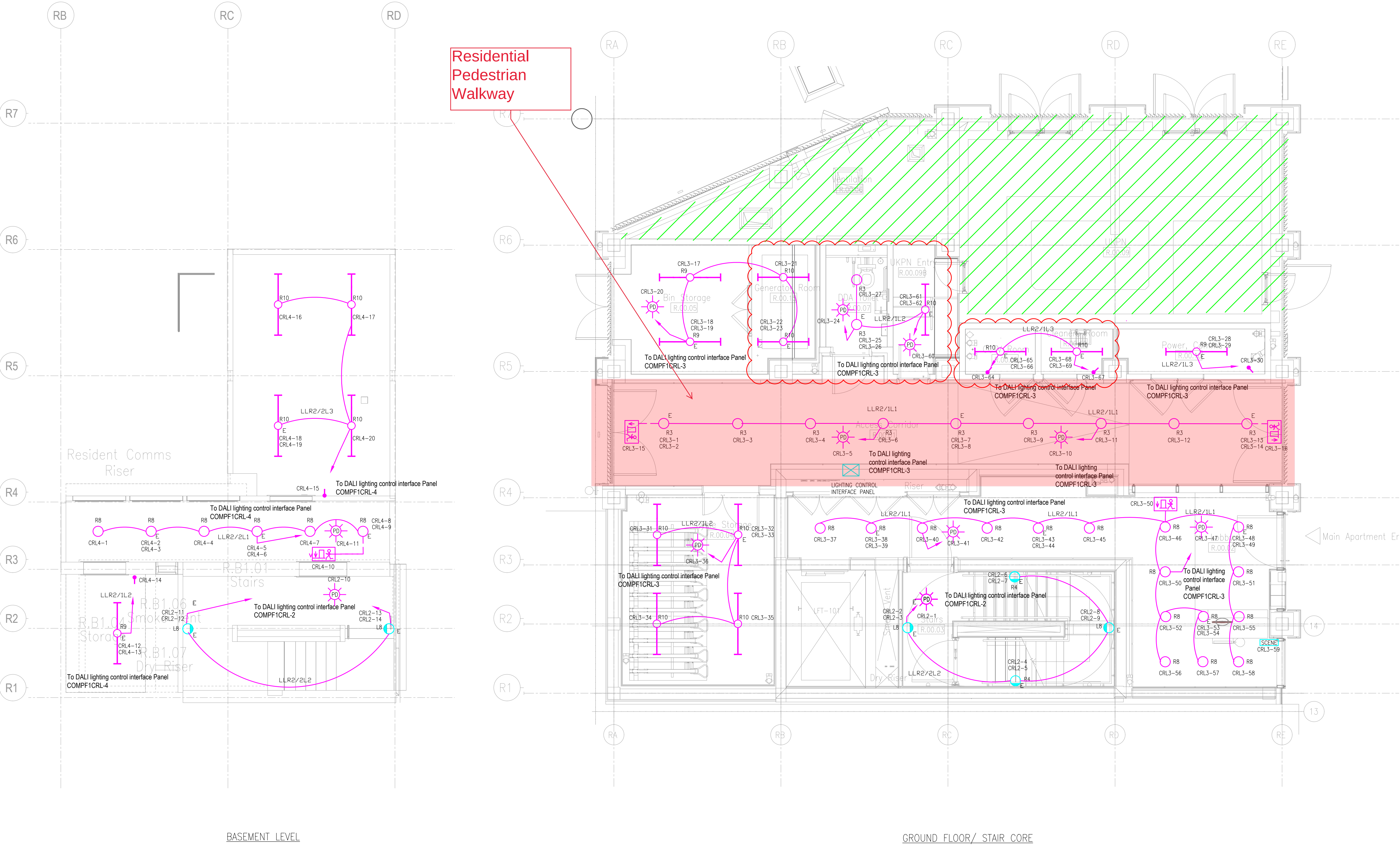
- 0.1 lx
30.1 lx
60.1 lx
90.1 lx
120.1 lx
150.1 lx
180.1 lx
210.1 lx
240.1 lx
270.1 lx
300.1 lx
330.1 lx





LIGHTING DESIGN CRITERIA			
AREA	LOCATION	LIGHTING	
		LUX	SURFACE
GENERAL AREAS	BATHROOMS	150	200mm ABOVE FLOOR
	CORRIDORS/CIRCULATION	100	FLOOR LEVEL
	CYCLE STORES	150	FLOOR LEVEL
	STAIRWELLS	100	FLOOR LEVEL
	PLANT ROOMS/ BIN STORE	200	FLOOR LEVEL
SPECIFIC AREAS	ENTRANCE LOBBIES	200	FLOOR LEVEL
AREAS COVERED BY CCTV	EXTERNAL RESIDENTIAL ENTRANCES	15 MIN AND COLOUR RENDERING INDEX Ra 65 OR GREATER	GROUND FLOOR LEVEL

- NOTES
- REFER TO LUMINAIRE SCHEDULE FOR LUMINAIRE TYPES.
 - LUMINAIRES WITH REFERENCE R10 ARE SAME MODEL AS R9 BUT WITH 3610lm AND 31.6W.
 - LUMINAIRES WITH REFERENCE R8 ARE 80mm DIAMETER WITH OUTPUT 560lm BW.
 - DALI CONTROLLER ADDRESS REFERENCE CRL#ADDRESS WHERE # IS THE CONTROLLER 1,2,3 OR 4 AND ADDRESS BETWEEN 1-64.



19/08/20	REVISED LAYOUT FOR NEW GF LAYOUT	P6	ST
18/05/20	EXTERNAL LIGHTING DELETED	P5	GM
07/05/20	PRELIMINARY ISSUE	P4	GS
27/04/20	PRELIMINARY ISSUE	P3	GS
12/03/20	PRELIMINARY ISSUE	P2	GS
18/12/19	PRELIMINARY ISSUE	P1	GS
Date	Description	Rev	By



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...Making Buildings Work

Project:
150 HOLBORN

Drawing Title:
**BASEMENT, GROUND FLOOR
RESIDENTIAL LIGHTING
LAYOUT**

Drawing Number:
41590(63)001

Revision: **P6**

Date: **09/09/2019**

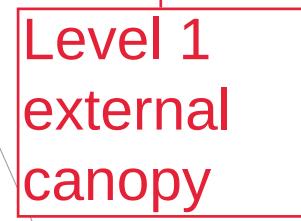
Scale: **1:50**

Drawn By: **GS**

CAD Dwg File: **41590(63)001.dwg**

Arch. Base Dwg:

Issue Status:
TENDER

A1



20/05/20	PRELIMINARY ISSUE	P1	ST
Date	Description	Rev	By

Revision Description



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...Making Buildings Work

Project:
150 HOLBORN

Drawing Title:
SEVENTH FLOOR - COMMERCIAL
PROPOSED LIGHTING LAYOUT

Drawing Number:
41590(63)107

Revision: P1
Date: 20/05/2020
Scale: 1:100
Drawn By: ST
CAD Dwg File: 41590(63)107.dwg
Arch. Base Dwg:

Issue Status:
PRELIMINARY



- NOTES
- LIFT SHAFT LIGHTING BY LIFT CONTRACTOR.
 - TERRACE LIGHTING TO BE CONTROLLED VIA WALL MOUNTED PRESENCE DETECTION AS SHOWN AND INTERFACE WITH BUILDING LIGHTING CONTROL SYSTEM.
- LEGEND
- SL28E SURFACE MOUNTED LED BOLLARD LUMINAIRE. PATHWAY OPTIC. 900MM HEIGHT. 11W, 780LM, 4000K OUTPUT. AS THORLUX PASSWAY BOLLARD.
 - SL29E SURFACE MOUNTED LED BOLLARD LUMINAIRE. AREA OPTIC. 900MM HEIGHT. 21W, 780LM, 4000K OUTPUT. AS THORLUX PASSWAY BOLLARD.
 - SL30E SURFACE MOUNTED LED LUMINAIRE. 6W, 210LM, 4000K OUTPUT. AS THORLUX REALTA MICRO EMERGENCY VERSION.
 - SL27 FLOOR RECESSED LED STRIP LUMINAIRE. IP67 RATED. LENGTHS AS SHOWN.
 - L8E SURFACE MOUNTED CIRCULAR LUMINAIRE. 400MM DIAMETER. 27.7W, 3549LM, 4000K OUTPUT. IP65 RATED. AS WHITECROFT KOLO SURFACE WITH INTEGRAL EMERGENCY.
 - PD SURFACE MOUNTED PRESENCE DETECTOR.
 - 4" x 4" IP67 RATED ENCLOSURE HOUSING DRIVERS FOR LED STRIP LIGHTING. BURIED WITHIN PLANTERS.

19/08/20	PRELIMINARY ISSUE	P4	ST
04/06/20	PRELIMINARY ISSUE	P3	ST
20/05/20	PRELIMINARY ISSUE	P2	ST
22/04/20	PRELIMINARY ISSUE	P1	ST
Date	Description	Rev	By

Revision Description



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...Making Buildings Work

Project:

150 HOLBORN

Drawing Title:

**LEVEL 8 TERRACE
PROPOSED LIGHTING LAYOUT**

Drawing Number:

150-SRW-Z1-08-DR-63-103

Revision: P4

Date: 24/03/2020

Scale: 1:100

Drawn By: ST

CAD Dwg File: 41590(63)150-SRW-Z1-08-DR-63-103.dwg

Arch. Base Dwg:

Issue Status:

PRELIMINARY