

HEALTH AND SAFETY INFORMATION

Standard hazards and risks may not necessarily be identified on this drawing. The caution symbols that are identified, but not limited to, related to specific hazards and risks associated with this type of project. Reference should be made to the BSM for further details.

ORA Ref No.	Description
01	Client Description
02	It is assumed that all works shall be undertaken by a competent contractor working, where appropriate, to an approved method statement.

NOTES

- POSITIONING OF LUMINAIRES WILL NEED TO BE CO-ORDINATED WITH THE BUILDING LANDSCAPE AND ABOVE AND BELOW GROUND SERVICES, IN LIAISON WITH THE ARCHITECT AND LANDSCAPE ARCHITECT.
- ALL LIGHTING WILL BE CONTROLLED USING A TIMECLOCK AND STRATEGICALLY LOCATED PHOTOCELL WILL ILLUMINATE ALL EXTERNAL LIGHTING ONCE NATURAL LIGHT IS LOST AND THE TIMECLOCK WILL EXTINGUISH ALL LIGHTING AFTER AN AGREED TIME (E.G. 11.00PM).
- EX4 LIGHTING WILL BE USED FOR MAINTENANCE AND ESCAPE PURPOSES, AND AS SUCH WILL BE CONTROLLED BY OCCUPANCY SENSORS ONLY, LOCATED AT ENTRY POINTS.

Unit 18 Statistics				
Description	Symbol	Avg	Min	Min/Avg
Unit 18 - Building Perimeter	+	9 lux	4 lux	0.44
Unit 18 - Car Parking	+	20 lux	11 lux	0.55
Unit 18 - Entrance	+	73 lux	65 lux	0.89
Unit 18 - Loading	+	51 lux	24 lux	0.47
Unit 18 - Service Yard	+	20 lux	9 lux	0.45
Unit 18 - Service Yard Car Parking	+	21 lux	14 lux	0.67

Unit 17 Statistics				
Description	Symbol	Avg	Min	Min/Avg
Unit 17 - Amenity	+	14 lux	9 lux	0.64
Unit 17 - Building Perimeter North	+	8 lux	2 lux	0.25
Unit 17 - Building Perimeter South	+	7 lux	2 lux	0.29
Unit 17 - Car Parking	+	20 lux	9 lux	0.45
Unit 17 - Entrance	+	75 lux	66 lux	0.88
Unit 17 - Loading	+	58 lux	39 lux	0.67
Unit 17 - Service Yard	+	25 lux	11 lux	0.44
Unit 17 - Service Yard Car Parking	+	21 lux	11 lux	0.52

Unit 16 Statistics				
Description	Symbol	Avg	Min	Min/Avg
Unit 16 - Building Perimeter	+	9 lux	4 lux	0.44
Unit 16 - Car Parking	+	22 lux	10 lux	0.45
Unit 16 - Entrance	+	68 lux	61 lux	0.90
Unit 16 - Loading	+	62 lux	42 lux	0.68
Unit 16 - Service Yard	+	30 lux	10 lux	0.33

Unit 15 Statistics				
Description	Symbol	Avg	Min	Min/Avg
Unit 15 - Amenity	+	16 lux	11 lux	0.69
Unit 15 - Building Perimeter	+	10 lux	3 lux	0.30
Unit 15 - Car Park	+	22 lux	13 lux	0.59
Unit 15 - Loading	+	58 lux	38 lux	0.66
Unit 15 - Service Yard	+	25 lux	10 lux	0.40
Unit 15 Entrance	+	54 lux	49 lux	0.91

EX1A



COLUMN MOUNTED LED LUMINAIRE, WITH ZERO UPWARD LIGHT SPILL. MOUNTING HEIGHT 8M. LUMINAIRE IS FITTED WITH A FORWARD THROW OPTIC. AS HOLOPHONE LIGHTING 'D-SERIES' O LUMINAIRE 130W, 1736LM, 4000K

EX1B



WALL MOUNTED LED LUMINAIRE, WITH ZERO UPWARD LIGHT SPILL. MOUNTING HEIGHT 8M. LUMINAIRE IS FITTED WITH A FORWARD THROW OPTIC. AS HOLOPHONE LIGHTING 'D-SERIES' O LUMINAIRE 130W, 1736LM, 4000K

EX2



WALL MOUNTED LED LUMINAIRE, WITH ZERO UPWARD LIGHT SPILL. MOUNTING HEIGHT 8M. LUMINAIRE IS FITTED WITH A FORWARD THROW OPTIC. AS HOLOPHONE LIGHTING 'D-SERIES' 2 LUMINAIRE 230W, 3541BLM, 4000K

EX3



COLUMN MOUNTED LED LUMINAIRE, WITH ZERO UPWARD LIGHT SPILL. MOUNTING HEIGHT 8M. LUMINAIRE IS FITTED WITH A FORWARD THROW OPTIC. AS HOLOPHONE LIGHTING 'D-SERIES' O LUMINAIRE 80W, 1262LM, 4000K

EX4



WALL MOUNTED LED LUMINAIRE, MOUNTING HEIGHT 4M. LUMINAIRE IS FITTED WITH A LONG AND NARROW OPTIC. AS HOLOPHONE LIGHTING 'DENVER ID WALL' LUMINAIRE 6.5W, 913LM, 4000K

EX5



LED BOLLARD LUMINAIRE. 1M IN HEIGHT. LUMINAIRE IS FITTED WITH A SYMMETRIC OPTIC. AS HOLOPHONE LIGHTING 'DENVER ID BOLLARD' LUMINAIRE 11W, 922LM, 4000K

REV	DATE	DESCRIPTION	BY	CHK
01	01/01/2024	ISSUED FOR APPROVAL	000010	01
02	01/01/2024	ISSUED FOR APPROVAL	000010	02

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STAGE 2

PLANNING APPROVAL

Client: **INDURENT**

Project: **INDURENT PARK NEWPORT**

EXTERNAL LIGHTING LAYOUT
UNITS 15, 16, 17 & 18

Scale (A3)	Date	By	Ve
1:500	26/02/25	KH	DP

NO	DATE	BY	CHK	APP	DATE	BY	CHK	APP
240234	CPW	XX	EX1	DR	E	22/02	SR	P01

240234-CPW-XX-EXT-DR-E-221002 SO P01

CPW Project No. 240234

Linked Files