



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. DO NOT SCALE. WORK TO MEASURED DIMENSIONS ONLY. ALL DIMENSIONS & LEVELS ARE TO BE CHECKED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL NOTE THAT THIS DRAWING IS INDICATIVE AND ILLUSTRATES DESIGN INTENT ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILED DESIGN AND COORDINATION WITH THE STRUCTURE.
4. ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.
5. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE CURRENT RELEVANT REGULATIONS BUILDING PRACTICES & TRADE ASSOCIATION REQUIREMENTS.
6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY SUPPORTS & MOUNTING ACCESSORIES.
7. ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE CURRENT I.S. 3001 (2000) WIRING REGULATIONS.
8. ALL M&E SERVICES DUCTING, METERS AND TIE IN POINTS TO BE CONFIRMED BY UTILITY SUPPLIERS.
9. FINAL SETTING OUT AND COORDINATION OF DUCTING TO BE CONFIRMED BY ARCHITECT AND CIVIL ENGINEERS.
10. EXTERNAL LIGHTING TO BE MOUNTED ON ANTI SHOCK COLUMNS. IN GROUND PUBLIC LIGHTING COLUMNS TO BE ROOT MOUNTED AND SET IN CONCRETE. LIGHTING COLUMNS TO BE OCTAGONAL IN SHAPE.
11. ALL DUCT TO BE IN COMPLIANCE WITH THE ESE AND THE LOCAL COUNTY COUNCIL PUBLIC LIGHTING REQUIREMENTS.
12. ALL PUBLIC LIGHTING TO BE IN COMPLIANCE WITH THE LOCAL COUNTY COUNCIL PUBLIC LIGHTING REQUIREMENTS.
13. ALL ROOFTOP GARDENS TO BE LIT USING 1M 3000K BOLLARDS. THORN PLURID/URBIS SCHREDER LUMINAIRES WERE SELECTED FOR CALCULATION PURPOSES. PRODUCTS TO BE SELECTED IN LINE WITH PUBLIC PROCUREMENT GUIDELINES.

RESULTS

Zone	Horizontal Illuminance Lux	Vertical Illuminance Lux	Footcandle	Footcandle
Zone 1	100	100	10	10
Zone 2	200	200	20	20
Zone 3	300	300	30	30
Zone 4	400	400	40	40
Zone 5	500	500	50	50
Zone 6	600	600	60	60
Zone 7	700	700	70	70
Zone 8	800	800	80	80
Zone 9	900	900	90	90
Zone 10	1000	1000	100	100
Zone 11	1100	1100	110	110
Zone 12	1200	1200	120	120
Zone 13	1300	1300	130	130
Zone 14	1400	1400	140	140
Zone 15	1500	1500	150	150
Zone 16	1600	1600	160	160
Zone 17	1700	1700	170	170
Zone 18	1800	1800	180	180
Zone 19	1900	1900	190	190
Zone 20	2000	2000	200	200

LEGEND

	Luminaire A		Luminaire B
	Luminaire C		Luminaire D
	Luminaire E		
	THORN PLURID 250mA 1.40klm		THORN PLURID 350mA 2.00klm
	THORN PLURID 700mA 4.36klm		THORN PLURID 250mA 1.20klm
	URBIS SCHREDER 350mA 0.65klm		

LUMINAIRES SELECTED FOR CALCULATION PURPOSES. PRODUCTS TO BE SELECTED IN LINE WITH PUBLIC PROCUREMENT GUIDELINES.

P01	08/03/2022	ISSUED FOR PLANNING	AD	ROF
Rev	Date	Description	Orig	App
Client				
LAND DEVELOPMENT AGENCY				
Name of Job				
SHD AT CENTRAL MENTAL HOSPITAL, DUNDRUM, DUBLIN 14				
Title of Drawing				
PUBLIC LIGHTING LAYOUT				
Drawing No:				
CMHD-EDC-00-00-DR-E-3000				
Scale @ A0	Mod Manager	Project Manager	Status	Revision
1:500	AD	ROF	S2	P01

EDC Mechanical & Electrical Consulting Engineers

100-1000

BIM