



SITE LIGHTING INSTALLATION NOTES

- 1.00 LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL OF 900mm z/w CLASS II 4x16mm² SHUNT TERMINAL CONNECTION BLOCK.
- 2.00 ALL CABLEING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 8mm² CU/XLPE/SWALSOH CONTAINED IN HOPE DUCTS.
- 3.00 ALL IN GROUND HOPE DUCTS TO BE INSTALLED BY THE MAIN CONTRACTOR UNDER THE COORDINATION OF THE ELECTRICAL CONTRACTOR.
- 4.00 THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO THE INSTALLATION, VERIFY THE CAPACITY OF THE IN-GROUND DUCT NETWORKS TO THE MAIN CONTRACTOR.
- 5.00 EACH EXTERNAL LIGHTING LUMINAIRE SHALL BE SWITCHED BY MINATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE SELC 442 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY CONTROLLED BY THIS PHOTOCELL.
- 6.00 THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS5972. THE PHOTOCELL CONTROL SHALL SWITCH ON/OFF THE LUMINAIRE AT 35 / 18 LUX RESPECTIVELY.
- 7.00 ALL OUTGOING CIRCUITS SHALL BE INDIVIDUALLY FUSED BY MEANS OF A 16A OR 20A HRC CUT-OUT TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 28mm². THESE FUSES SHALL BE RATED 20A MINIMUM RUPERTING CAPACITY AND SHALL COMPLY WITH BS88.
- 8.00 ALL COLUMNS ARE SUPPLIED FROM A LIGHTING MIN-SECTION PILLAR, LOCATED ADJACENT TO THE ESB NETWORKS MIN-SECTION PILLAR, NOT MORE THAN 6 COLUMNS SHALL BE SUPPLIED FROM ANY ONE CIRCUIT AND NOT MORE THAN 4 CIRCUITS SHALL BE TAKEN FROM ANY ONE AUXILIARY MIN-SECTION PILLAR.
- 9.00 THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.
- 10.00 THE DEVELOPER SHALL NOTE THAT NO EXISTING PUBLIC LIGHTS CAN BE REMOVED WITHOUT THE PERMISSION AND APPROVAL OF PUBLIC LIGHTING SERVICES.
- 11.00 THE DEVELOPER SHALL CONTACT PUBLIC LIGHTING SERVICES AT LEAST 6 WEEKS IN ADVANCE OF WORKS STARTING ON SITE, TO FIND OUT WHAT IS REQUIRED TO BE DONE TO EXISTING PUBLIC LIGHTING THAT IS WITHIN THE SITE BOUNDARY.
- 12.00 ANY COSTS ASSOCIATED WITH THE RE-ARRANGEMENT OR ALTERATION OF EXISTING PUBLIC LIGHTING SHALL BE ENTIRELY AT THE DEVELOPERS EXPENSE, INCLUDING ESB NETWORK COSTS.
- 13.00 WHERE PUBLIC ROADS ARE TO REMAIN IN USE, THEN THE PUBLIC LIGHTING MUST BE MAINTAINED BY THE DEVELOPER IN AN OPERATING CONDITION THROUGHOUT THE DEVELOPMENT PERIOD.

SITE LIGHTING SYMBOLS REFERENCE KEY

- LIGHTING CIRCUIT
- X2 6m POLE MOUNTED LUMINAIRE
- X3 3m POLE MOUNTED LUMINAIRE
- LC LIGHTING COLUMN
- MCP LIGHTING MICRO-PILLAR

REF: 'X2' LUMINAIRES



REF: 'X3' LUMINAIRES



IN2 DUBLIN

IN2 Engineering Design Partnership
Unit E&F, Mountpleasant Business Centre,
Mountpleasant Avenue Upper, D06 P5N6
t: +353 (0)1 496 0900
e: info@in2.ie
w: www.in2.ie

STATUS	DATE	DESCRIPTION	DRN	ENG	APP

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P3-4	26.02.2022	PLANNING STAGE ISSUE	JL	TJ	JR
P3-3	02.03.2021	PLANNING STAGE ISSUE	JL	TJ	JR
P3-2	17.02.2021	PLANNING STAGE ISSUE	JL	TJ	JR
P3-1	29.01.2021	PLANNING STAGE ISSUE	JL	TJ	JR

PROJECT
WHITE HEATHER BTR
WHITE HEATHER IND. EST. DUBLIN 8

CLIENT
U + I

DRAWING TITLE
ELECTRICAL SERVICES INSTALLATION
SITE PLAN - LEVEL 00
SITE LIGHTING LAYOUT

IN2 REF: D2044
DRAWING No. D2044-IN2-ZZ-00-DR-E-0101

SCALE
1:250

SIZE
A0



STATUS
P3-4