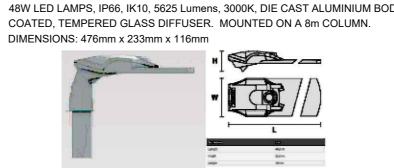
REF: 'X3' LUMINAIRES 28W LED LAMPS, IP66, IK08, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 571mm x 224mm x 114mm

AS PER SPECIFICATION

REF: 'X4' LUMINAIRES 15W LED LAMPS, IP66, IK08, 2070 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER



REF: 'X5' LUMINAIRES 48W LED LAMPS, IP66, IK10, 5625 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER. MOUNTED ON A 8m COLUMN.



AS PER SPECIFICATION

24W LED LAMPS, IP66, IK10, 2409 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER. MOUNTED ON A 6m COLUMN. DIMENSIONS: 476mm x 233mm x 116mm

AS PER SPECIFICATION

REF: 'X6' LUMINAIRES

SITE LIGHTING INSTALLATION NOTES

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 25mm². THESE FUSES SHALL BE RATED 20kA MINIMUM RUPTURING CAPACITY AND

8.00 ALL COLUMNS ARE SUPPLIED FROM A LIGHTING MINI-SECTION PILLAR, LOCATED ADJACENT TO THE ESB NETWORKS MINI-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 AUXILLARY MINI-SECTION PILLAR. 9.00 THE DEVELOPER SHALL NOTE THAT NO EXISTING PUBLIC LIGHTS CAN BE REMOVED

WITHOUT THE PERMISSION AND APPROVAL OF PUBLIC LIGHTING SERVICES.

THE DEVELOPMENT PERIOD.

ADVANCE OF WORKS STARTING ON SITE, TO FIND OUT WHAT IS REQUIRED TO BE CONTROLLED BY THIS PHOTOCELL. DONE TO EXISTING PUBLIC LIGHTING THAT IS WITHIN THE SITE BOUNDARY. 11.00 WHERE PUBLIC ROADS ARE TO REMAIN IN USE, THEN THE PUBLIC LIGHTING MUST BE MAINTAINED BY THE DEVELOPER IN AN OPERATING CONDITION THROUGHOUT

> JL TJ TJ JL TJ TJ JL TJ TJ DRN ENG APP

SITE LIGHTING INSTALLATION NOTES

1.00 LIGHTING POLES TO BE ALUMINIUM, ROOT MOUNTED, CONE SHAPED WITH TOP TAIL

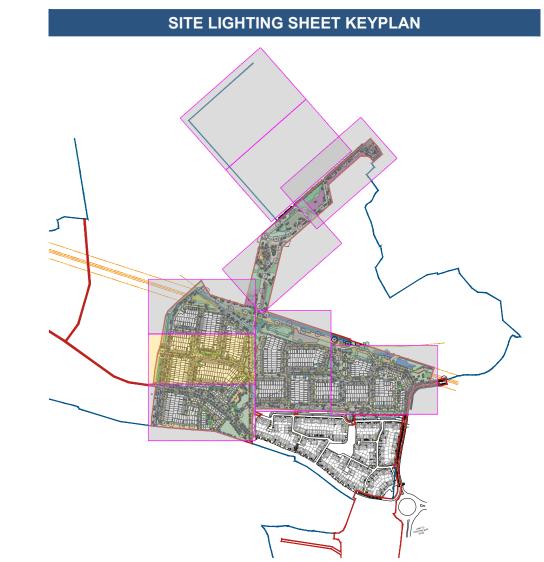
OF Ø60mm c/w CLASS II 4x16mm2 SHUNT TERMINAL CONNECTION BLOCK.

2.00 ALL CABLING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm² CU/XLPE/SWA/LSOH CONTAINED IN HDPE DUCTS.

3.00 ALL IN GROUND HDPE 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 NETWORK TO THE MAIN CONTRACTOR. 5.00 EACH EXTERNAL LIGHTING LUMINAIRE SHALL BE SWITCHED BY MINIATURE PHOTO-ELECTRONIC SWITCH INTEGRATED INTO THE LED LUMINAIRE SUCH AS THE 10.00 THE DEVELOPER SHALL CONTACT PUBLIC LIGHTING SERVICES AT LEAST 6 WEEKS IN SELC 8482 OR APPROVED EQUAL AND EACH LUMINAIRE SHALL BE INDIVIDUALLY

> 6.00 THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS5972. THE PHOTOCELL CONTROLL SHALL SWITCH ON/OFF THE LUMINAIRE AT 35 / 18 LUX RESPECTIVELY.



THIS DRAWING IS THE PROPERTY OF IN2 ENGINEERING DESIGN PARTNERSHIP & SHALL NOT BE USED, REPRODUCED OR DISCLOSED TO ANYONE WITHOUT PRIOR WRITTEN PERMISSION OF IN2 ENGINEERING DESIGN PARTNERSHIP & SHALL BE RETURNED UPON REQUEST.



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0 5m 10m						
	STATUS	DATE	DESCRIPTION	DRN	ENG	APP



OJECT	DRAWING TITLE ELECTRICAL SERVICES INSTALLATION			
OLLYSTOWN RESIDENTIAL DEVELOPMENT				
	SITE PLAN			
HASE 2 & 3	SITE LIGHTING LAYOUT - SHEET 2 OF 7			
IENT	IN2 REF: DRAWING No.			
LENVEAGH HOMES LIMITED	D2035 D2035-P2-IN2-SW-00-DR-E-010			