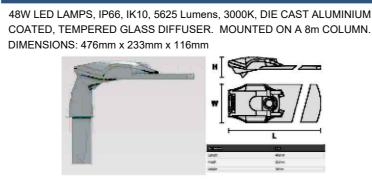
**REF: 'X3' LUMINAIRES** 28W LED LAMPS, IP66, IK08, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER, DIMENSIONS: 571mm x 224mm x 114mm

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

REF: 'X6' LUMINAIRES 24W LED LAMPS, IP66, IK10, 2409 Lumens, 3000K, DIE CAST ALUMINIUM BODY POWDER COATED, TEMPERED GLASS DIFFUSER. MOUNTED ON A 6m COLUMN.



AS PER SPECIFICATION

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. 10.00 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.

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 THE DEVELOPMENT PERIOD.

SITE LIGHTING INSTALLATION NOTES

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

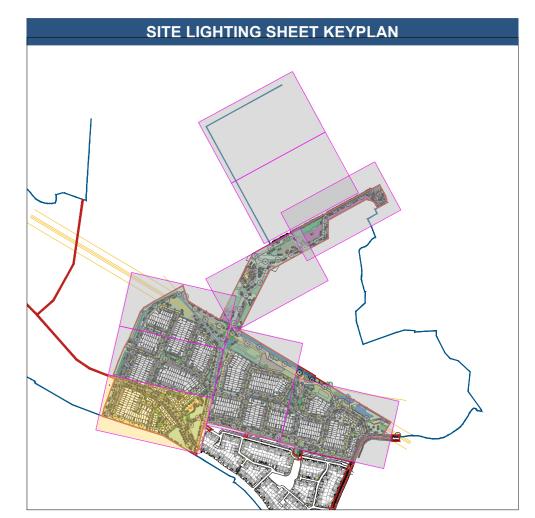
OF Ø60mm c/w CLASS II 4x16mm2 SHUNT TERMINAL CONNECTION BLOCK.

2.00 ALL CABLING TO EXTERNAL LIGHTING LOCATIONS TO BE WIRED IN 3 Core 6mm<sup>2</sup> 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 SELC 8482 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 CONTROLL SHALL SWITCH ON/OFF THE LUMINAIRE AT 35 / 18 LUX





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STATUS DATE

JL TJ TJ JL TJ TJ JL TJ TJ IN2 COMMENTS JL TJ TJ DESCRIPTION DRN ENG APP

HOLLYSTOWN RESIDENTIAL DEVELOPMENT PHASE 2 & 3 GLENVEAGH HOMES LIMITED

ELECTRICAL SERVICES INSTALLATION SITE PLAN SITE LIGHTING LAYOUT - SHEET 3 OF 7 IN2 REF: DRAWING No.
D2035 D2035-P2-IN2-SW-00-DR-E-0103 
 SCALE
 SIZE

 1:250
 A0