

GENERAL NOTES:

THE CONTRACTOR SHALL ENSURE THAT THEIR PROPOSAL SHALL FULLY COMPLY WITH BS5489:2013 LIGHTING CLASS P TOGETHER WITH MEETING ALL REQUIREMENTS SET OUT WITHIN SOUTH KILDARE COUNTY COUNCIL PUBLIC LIGHTING GENERAL SPECIFICATION FOR PUBLIC LIGHTING INSTALLATIONS DOCUMENT.

THE CONTRACTOR SHALL NOTE THAT ALL PUBLIC LIGHTING DUCTING TO BE RED IN COLOUR HIGH DENSITY POLYETHYLENE (HDPE) 107mm DUCTS STAMPED 'STREET LIGHTING' STAMPED ALONG ITS LENGTH AND BE IN ACCORDANCE WITH KILDARE COUNTY COUNCIL PUBLIC LIGHTING GENERAL SPECIFICATION.

THE CONTRACTOR SHALL NOTE 2No. DUCTS ARE REQUIRED AT EACH ROAD CROSSINGS WITH CABLE CHAMBERS LOCATED AT EACH SIDE OF THE CROSSINGS.

IT IS COUNCILS PREFERENCE THAT COLUMNS ARE PLACED IN ROADSIDE GRASSED VERGES AT A SETBACK DISTANCE 1.5m FOR A 6m COLUMN AND 2.0m FOR A 8m COLUMN. WHERE THE WIDTH OF THE VERGE IS LESS THAN THE PREFERRED SET BACK, THE COLUMNS SHALL BE PLACED IN THE BACK OF THE VERGE AND THE BRACKET ARM LENGTH REDUCED. IN ABSENCE OF VERGES COLUMNS SHALL BE PLACED AT THE BACK OF FOOTPATHS.

RESIDENTIAL PLAYGROUND/GREENSPACE FOOTPATH
RESULTS- HORIZONTAL ILLUMINANCE (LUX)
Eav= 9.83
Emin= 2.91
Emax= 16.23
Emin/Emax= 0.18
Emin/Eav= 0.33
Emax/Eav= 1.84

REAR STEPS & RAMPS AREA
RESULTS-HORIZONTAL ILLUMINANCE (LUX)
Eav= 19.37
Emin= 11.14
Emax= 33.77
Emin/Emax= 0.33
Emin/Eav= 0.58
Emax/Eav= 1.74

MAIN DEVELOPMENT ROAD
RESULTS-HORIZONTAL ILLUMINANCE (LUX)
Eav= 7.99
Emin= 1.52
Emax= 19.10
Emin/Emax= 0.08
Emin/Eav= 0.20
Emax/Eav= 2.39

LUMINAIRE DATA
LUMINAIRE A AXIA 2.1 5167 INTEGRATED LENSES 16 OSLO
SQUARE GIANT @600mA NW 740 230V MF 0.83
HEIGHT 6M
LUMINAIRE B AXIA 2.1 5167 INTEGRATED LENSES 4 OSLO
SQUARE GIANT @500mA NW 740 230V MF 0.83
HEIGHT 6M
LUMINAIRE C AXIA 2.1 5167 INTEGRATED LENSES 16 OSLO
SQUARE GIANT @780mA NW 740 230V MF 0.83
HEIGHT 8M

P04	SITE UPDATES. PLANNING REVIEW	DMcD	SF	21.02.2024
P03	PRELIMINARY ISSUE RE: UPDATES	DMcD	SF	10.01.2024
P02	PRELIMINARY ISSUE RE: UPDATES	DMcD	SF	15.11.2023
P01	PRELIMINARY ISSUE FOR REVIEW/COMMENT	DMcD	SF	18.10.2023

REV	DESCRIPTION	DRN	CKD	DATE
ISSUE PLANNING STAGE				



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PROJECT TITLE
NDFA SOCIAL HOUSING BUNDLE 4
OLDTOWN

DRAWING TITLE
OLDTOWN SITE LIGHTING
SITE ILLUMINANCE LEVELS

DRAWING REFERENCE
SHB5-OCK-SMK-ZZ-SI-DR-E-6000
 Project - Design - Volume - Level - Type - Plot - Number
 DRN SCALE
DMcD A1 1:500

