



C/way and F/way
Results - Horizontal Illuminance (lux)
Eav= 4.34
Emin= 1.03
Emax= 33.11
Emin/Emax= 0.03
Emin/Eav= 0.24
Emax/Eav= 7.63

Steps and Slope
Results - Horizontal Illuminance (lux)
Eav= 30.30
Emin= 15.36
Emax= 45.97
Emin/Emax= 0.33
Emin/Eav= 0.51
Emax/Eav= 1.52

Luminaire Data
Luminaire A AXIA 2.1 5241 Integrated lenses
Lamp 16 NVSL219CT@690mA NW 740 230V MF 0.74
Luminaire B AXIA 2.1 5241 Integrated lenses
Lamp 16 NVSL219CT@480mA NW 740 230V MF 0.74
Luminaire C AXIA 2.1 5167 Integrated lenses
Lamp 16 NVSL219CT@690mA NW 740 230V MF 0.74

PROVISIONAL ESBN PUBLIC LIGHTING MICRO PILLAR SUPPLY POINT SUBJECT TO AGREEMENT/CONFIRMATION WITH LOCAL ESBN AUTHORITY.

SPARE 100mm DUCTING SHALL BE PROVIDED AND CAPPED AT EITHER END OF EACH ROAD CROSSING.

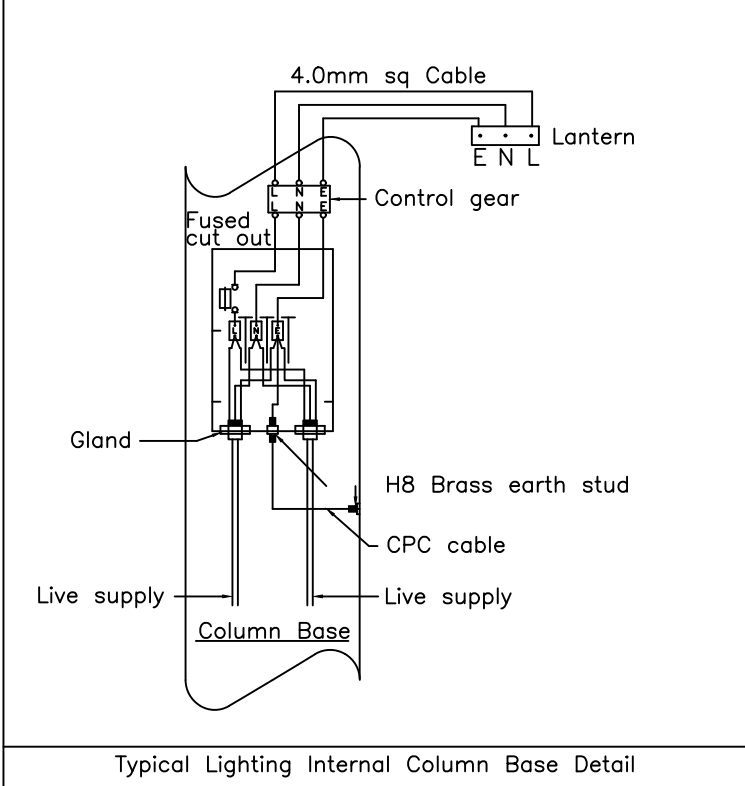
PROVISIONAL ESBN PUBLIC LIGHTING MICRO PILLAR SUPPLY POINT SUBJECT TO AGREEMENT/CONFIRMATION WITH LOCAL ESBN AUTHORITY.

WIRING OF PUBLIC LIGHTING SHALL BE 2x6mm² NYCY CABLES COMPLYING WITH VDE 0271/5

COLUMN NUMBERING TO BE DEPLOYED AS REQUIRED BY LOCAL AUTHORITY.

- THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS
- NOTES
- MANHOLES & CHAMBERS SHALL BE SUPPLIED & INSTALLED BY CONTRACTOR.
- LONG-RADIUS EASY-SWEEP BENDS SHALL BE UTILIZED ON ALL DUCTING ROUTES CHANGES OF DIRECTION.
- ALL DUCTING SUPPLIED AND INSTALLED BY CONTRACTOR. DUCTING FOR ALL ELECTRICAL SERVICES SHALL BE COLORED RED AND IN ACCORDANCE WITH ET101:2008/A1:2011
- EACH SITE-LIGHTING COLUMN SHALL BE C/W A FUSED CUT OUT & LOOPING CABLE CONNECTION.
- SITE LIGHTING SHALL BE WIRED IN 3C 10mm sq. XLPE/SWA/LSF IN DUCTING.
- THE DESIGN SHALL FULLY COMPLY WITH BS5489:2013 LIGHTING CLASS P4 & WITH MONAGHAN COUNTY COUNCIL PUBLIC LIGHTING GENERAL SPECIFICATION DOCUMENTS.
- THE CONTRACTOR SHALL NOTE THAT ALL PUBLIC LIGHTING DUCTING TO BE RED HIGH DENSITY POLYETHYLENE (HDPE) 100mm DUCTS STAMPED 'STREET LIGHTING' OR PUBLIC LIGHTING' AND BE IN ACCORDANCE WITH MCC PUBLIC LIGHTING GENERAL SPECIFICATION. ALL COLUMNS AND DUCTING SHALL BE INSTALLED AT THE FRONT OF THE PATHS.

LEGEND	
	SITE LIGHTING DUCTING SIZES AND SPECIFICATION IN ACCORDANCE WITH LOCAL AUTHORITY PUBLIC LIGHTING SPECIFICATION DOCUMENT. IF INFORMATION NOT AVAILABLE CONTRACTOR SHALL PROVIDE 50mm DUCTS
	DENOTES PROPOSED LED LUMINAIRE MOUNTED ON 6.0M HIGH OCTAGONAL COLUMN POST TOP.
	DENOTES 50mm DIA RED ESBN DUCT WITH 10mm NYLON ROPE DRAW WIRE SHALL BE INSTALLED FROM ESBN MINI PILLAR TO PL MICRO PILLAR
	PROPOSED ESBN MINI PILLAR LOCATION & SUPPLY POINT FOR PUBLIC LIGHTING SUBJECT TO AGREEMENT/CONFIRMATION WITH LOCAL ESBN AUTHORITY.
	DENOTES PUBLIC LIGHTING MICRO PILLAR IN ACCORDANCE WITH APPENDIX A OF MCC SPECIFICATION DOCUMENT
	DENOTES ESB DUCTING TO MINI-PILLARS. REFER TO ESB HOUSING DEVELOPMENT GUIDEBOOK FOR FURTHER DETAIL.
	PROPOSED PUBLIC LIGHTING CHAMBER JB2 730 X 260 X 560. GALVANIZED LID FOR ELECTRICAL SERVICES



P01 PLANNING	DS -- 15.09.2020
REV DESCRIPTION	DRN CKD DATE
ISSUE	PLANNING STAGE
NATURALLY INNOVATIVE CONSULTING ENGINEERS	
	Belfast +44 (0)28 90331700 Castletown +353 (0)42 9749570
Registered www.simplemckillop.com admin@simplemckillop.com	
PROJECT TITLE FARGANSTOWN HOUSING AND APARTMENTS	
DRAWING TITLE PROPOSED PUBLIC LIGHTING ARRANGEMENT PLANNING	
DRAWING REFERENCE 2498-SMK-ZO-LX-DR-E-6001	DRN DS
	SCALE A1 1:500